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Levee Monitoring for New River Levee's (Thunderbird to Greenway)

FCD Contract No. 99-067, Assignment1

PCN: 403.00.098

December 20, 2000

Prepared for:

Flood Control District of Maricopa County
2801 West Durango Street
Phoenix, Arizona 85009

Prepared by:

Premier Engineering Corporation
1600 W. Broadway Road, Suite 165
Tempe, Arizona 85282

Premier Project No. 9952

Registered Professional Engineer (Civil)
CERTIFICATE NUMBER
23170
JEFFREY J.
HOLZMEISTER
Date Signed 12/20/00
ARIZONA, U.S.A.

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1) Notes concerning the project

2) An overall summary page of all Reference Mark Data

3) Summary and History of Benchmark1 and Benchmark2

4) A summary of all the Reference Mark Data required
(enclosure S type summary - contained on one page)

Appendix A:

Premier data file. This file contains every point surveyed, it's northing and easting coordinates, as well as the NAVD88 and NGVD29 elevations. This file is a summary of Appendix B.

Appendix B

Wet-Sealed Survey Notes from Servenet. This information is contained in twelve separate chapters – three chapters for each different phase (four phases total).

Appendix C

11"x17" plots of cross-sections (the plots shown are for the particular levee, for a complete set of plots see the mylar roll plots, there is no appendix C for the General book).

Appendix D

One compact disk containing all pertinent files used in this project (including CADD files). This disk contains all of the data for the entire project, not data per-levee.

Registered Professional Engineer (Civil)
CERTIFICATE NUMBER
23170
JEFFREY J.
HOLZMEISTER
Date Signed 12/2/00
ARIZONA, U.S.A.

Notes:

These notes concern the Levee Monitoring Survey Project (FCD Contract No. 99-067)

For the summary page, (previously known elevations, measured elevations, and any differences) all previously known elevation values shown are taken from the attachments included in the scope of service packet. Some of the elevations (Litchfield, Lite, Nort, and the 6 Totalinstalled points) are rounded to the nearest 10ft. These values may change in the future, check with Maricopa County Department of Transportation.

Although the data shown for the Reference Marks is on two summary pages, the disk contains the files where the data is stored in two individual files as requested.

Each separate levee is contained within a separate book, however the following is a list of data that overlaps in to all the books: Appendix A (Premier data file), Appendix B (Original wet-sealed survey notes), the summary sheet, and the data on the disk.

The survey was completed in NAD 83 datum for northing and easting coordinates, and the elevations were measured using the NAVD 88 datum, however all elevations are converted to NGVD 29 datum for the purpose of comparison to earlier values.

For each levee, there is an accompanying set of mylar plots. The cover sheet for the plots shows a small map with the points for that particular levee shown. Some points listed are not shown on this map because they lie outside the scale shown for that map.

PREMIER

Subject: **On Call Levee Monitoring Project**
FCD Contract No. 99-067
Task2/Task6 Elevation Summary Page

By: **D Premis**
Date: **Dec-00**
Checked: **J Holzmeister**
Project No.: **9952**

Task2

Reference Mark	NGVD 29 Previous Elevation	NGVD 29 Surveyed Elevation	Difference	
LITE	983*	981.124	0	* Provisional Data: Check with McDOT
LITC	1120*	1119.442	0	for updated data
NORT	1098*	1096.125	0	
1GC1	1220*	1227.431	0	
1FB1	1140*	1135.977	0	
1EA1	1070*	1065.370	0	
4DB1	1020*	1013.311	0	
4CA4	1020*	1018.916	0	
4BB1	950*	956.850	0	
ERM 6	973.58		0	not found
ERM 9	993.98	994.039	0.059249	
ERM 10	979.21	977.704	1.506155	
ERM 11	995.24		0	not found
ERM 12	1016.08	1016.157	0.076709	
ERM 7	982.19	982.057	0.132963	
60+00W R1	1015.24	1015.274	0.034428	
57+00E R1	1015.78	1015.732	0.048415	
184+00W R2	1003.20	1003.088	0.108785	
184+00E R2	1003.35	1003.178	0.170346	
130+00W R2	991.25	991.193	0.059312	
135+00E R2	992.78	992.660	0.120874	
90+09W R2	988.10	988.033	0.067278	
97+06E R3	986.08	985.982	0.09784	
22+90W R3	973.14	972.928	0.211929	
22+90E R3	972.49	972.263	0.22721	
10+00W R3	969.50	969.260	0.240491	
10+00E R3	969.30	969.041	0.258772	
12+00 E R4	956.21	955.926	0.284018	
45+00 W R4	952.27	952.031	0.239457	
15+00 W R4	942.79	942.607	0.183176	
105+00 W R4	967.21	967.024	0.185772	

Task6

ERM 14	1014.11	1014.16	0.052743	
ERM 15	1017.26	1017.01	0.254819	
ERM 17	1026.36	1026.52	0.159394	
ERM 19	1036.30	1036.36	0.06464	
ERM 20	1042.55		0	not found
RM 6	1014.11	1014.16	0.052743	same as ERM 14
RM 7	1017.26	1017.01	0.254819	same as ERM 15
RM 9	1033.00	1038.54	5.53527	same as RM 10
RM 1	1038.79		0	not found
RM 2	1033.21	1032.91	0.297449	
RM 10	1033.00	1038.54	5.53527	
RM 8	1076.64	1076.98	0.342325	
RM 9	1092.85	1093.35	0.499168	
RM 13	1167.59	1167.67	0.075257	
RM 25	1073.88	1064.43	9.45164	
RM 30	1066.65	1066.95	0.30364	
RM 32	1118.34	1118.87	0.525449	
RM 33	1121.79		0	not found
RM 35	1138.37	1136.94	1.433585	
RM 38	1167.17		0	not found
RM 41	1179.63	1180.88	1.253257	
RM 58	1175.05	1174.87	0.176743	
RM 3	1034.12	1034.58	0.456709	
RM 18	1032.60	1032.96	0.364709	

Summary and History of Benchmark1 and Benchmark2

Values for Benchmarks 1 and 2 were derived from multiple RTK observations from Control Point BAS2, established for this project. Control points (BAS1, BAS2 and BAS3) were established by GPS static observations taken from several NGS control points (shown in control list) surrounding the project area, over a period of 3 days. The NGS program VERTCON was the used to determine the conversion factor to NGVD'29 elevations.

Sta	Record Elevation	Measured Elevation'88	Conv	Measured Elevation'29
BM 1	1078.58	1080.434	-1.831	1078.603
BM 2	1075.87	1077.746	-1.847	1075.899

PREMIER
ENGINEERING CORPORATION

Levee: **New River Levee (Thunderbird to Greenway)**
Project: **FCD On-Call Levee Monitoring Project**

By: Dustin Premis
Date: 12/1/00
Checked: Jeff Holzmeister
Premier Project No.: 9952

Corners

TYP_LID	HOR_LID	VER_LID	XNAD27	YNAD27	XNAD83	YNAD83	NGVD29	NAVD88	MNT_LID	CNRNAME	TWNSHP	RNG	SCTN	AGENCY	PNTNUM	DESC	
1	5	999	0	0	602305.536	949616.558	1167.665	0	11	SCOR SW	T03N	R01E	11		414	RM 13	
1	5	999	0	0	596937.905	944323.187	1136.936	0	11	SCOR SW	T03N	R01E	15		413	RM 35	
																RM 38	not found
1	5	999	0	0	602329.506	952250.742	1174.873	0	1	QCOR W	T03N	R01E	11		415	RM 58	

Control Points

TYP_LID	HOR_LID	VER_LID	XNAD27	YNAD27	XNAD83	YNAD83	NGVD29	NAVD88	MNT_LID	PNTNUM	DESC
26	5	999	0	0	600796.584	952400.379	1168.857	0	0	463	451+54 E NR
26	5	999	0	0	600603.947	952637.377	1168.420	0	0	466	451+54 W NR
26	5	999	0	0	600911.728	952480.053	1168.131	0	0	464	452+60 E NR
26	5	999	0	0	600714.820	952724.703	1167.496	0	0	467	452+60 W NR
26	5	999	0	0	600867.758	953426.409	1170.118	0	0	468	460+00 W NR
26	5	999	0	0	601443.784	953038.549	1169.542	0	0	465	461+31 E NR
26	5	999	0	0	600886.015	954433.875	1171.516	0	0	469	470+00 W NR
26	5	999	0	0	602052.135	954315.543	1173.817	0	0	460	25+00 N SK

Name	Northing (NAD83)	Easting (NAD 83)	Elevation (NGVD88)	conv (m)	conv (ft)	Elevation (NGVD29)	Description
BAS1	894110.06	573558.37	987.92	0.62	2.03	985.89	
BAS2	912547.16	582390.45	1032.14	0.58	1.91	1030.23	
BAS3	941481.42	594595.63	1130.59	0.56	1.83	1128.77	
BED1	928264.06	517921.99	1516.96	0.57	1.87	1515.09	
E475	979343.98	613661.96	1364.19	0.58	1.90	1362.28	
LITC	917127.28	564284.52	1121.26	0.56	1.82	1119.44	
LITE	882467.39	578528.51	983.24	0.64	2.11	981.12	
NORT	928515.56	596852.57	1097.97	0.56	1.85	1096.12	
Q366	991733.77	569967.03	1392.56	0.62	2.04	1390.52	
WW55	878429.84	559394.23	933.65	0.63	2.08	931.57	
301	886701.01	573816.57	971.12	0.63	2.08	969.04	10+00E R3
302	886679.31	572676.01	971.33	0.63	2.07	969.26	10+00W R3
303	887983.43	572670.59	975.00	0.63	2.07	972.93	22+90W R3
304	887983.13	573804.75	974.33	0.63	2.07	972.26	22+90E R3
305	893628.92	573499.37	988.01	0.62	2.03	985.98	97+06E R3
306	893836.51	572086.28	990.06	0.62	2.02	988.03	90+09W R2
307	896715.08	570610.23	996.03	0.61	1.99	994.04	ERM 9
308	896580.63	575903.31	979.72	0.61	2.01	977.70	ERM 10
309	896846.57	575327.31	994.67	0.61	2.01	992.66	135+00E R2
310	901242.77	577830.90	1005.16	0.60	1.98	1003.18	184+00E R2
311	901476.74	576724.82	1005.06	0.60	1.97	1003.09	184+00W R2
312	897186.22	574127.71	993.19	0.61	2.00	991.19	130+00W R2
313	907217.57	575901.20	1018.08	0.59	1.92	1016.16	ERM 12
314	907766.31	577826.06	1017.20	0.59	1.92	1015.27	60+00W R1
315	907433.27	579333.32	1017.66	0.59	1.93	1015.73	57+00E R1
316	894898.96	581188.21	1020.96	0.62	2.04	1018.92	4CA4
317	880855.47	567113.41	958.93	0.64	2.08	956.85	4BB1
318	904907.52	566475.50	1015.21	0.58	1.90	1013.31	4DB1
319	928297.12	573150.11	1080.43	0.56	1.83	1078.60	BM 1
320	925620.97	575851.49	1077.75	0.56	1.85	1075.90	BM 2
321	928136.97	582098.76	1067.23	0.57	1.86	1065.37	1EA1
322	907440.50	579324.71	1008.33	0.59	1.93	1006.40	SG 57+00E R1
323	907764.21	577836.70	1008.05	0.59	1.92	1006.12	SG 60+00W R1
324	943398.03	597120.55	1137.80	0.55	1.82	1135.98	1FB1
325	960917.87	611320.77	1229.25	0.55	1.82	1227.43	1GC1
326	893628.65	573486.23	976.08	0.62	2.03	974.04	SG 97+06E R2
327	887983.18	573792.60	964.22	0.63	2.07	962.15	SG 22+90E R3
328	886699.07	573803.85	960.41	0.63	2.08	958.34	SG 10+00E R3
329	886678.26	572687.85	960.26	0.63	2.07	958.19	SG 10+00W R3
330	887983.45	572682.98	964.49	0.63	2.07	962.42	SG 22+90W R3
331	901473.84	576735.61	995.73	0.60	1.97	993.75	SG 184+00W R2
332	897177.27	574137.84	983.28	0.61	2.00	981.27	SG 130+00W R2
333	896853.34	575319.63	984.80	0.61	2.01	982.79	SG 135+00E R2
334	901245.48	577819.51	995.12	0.60	1.98	993.14	SG 184+00E R2
335	893836.00	572100.31	976.57	0.62	2.02	974.55	SG 90+09W R2
336	891474.73	570538.92	984.10	0.62	2.04	982.06	ERM 7
337	907238.69	583588.07	1018.95	0.59	1.95	1017.01	ERM 15
338	907139.40	581104.14	1016.11	0.59	1.94	1014.16	ERM 14
339	912410.20	578489.58	1028.42	0.58	1.90	1026.52	ERM 17
340	917711.85	575891.98	1038.24	0.57	1.87	1036.36	ERM 19
341	923131.27	591597.51	1068.83	0.57	1.87	1066.95	RM 30
342	922919.14	584964.49	1066.31	0.57	1.88	1064.43	RM 25
343	912510.03	583597.89	1034.88	0.59	1.92	1032.96	RM 18
344	915267.54	586217.79	1034.82	0.58	1.91	1032.91	RM 2
345	912396.17	581104.42	1040.45	0.58	1.91	1038.54	RM 10
346	908891.14	581177.45	1022.93	0.59	1.93	1021.00	10+00E CRS
347	909870.25	581390.64	1023.18	0.59	1.92	1021.26	20+00E CRS
348	910852.38	581616.16	1024.23	0.59	1.92	1022.31	30+00E CRS
349	911840.70	581817.86	1026.93	0.58	1.92	1025.01	40+00E CRS
350	912553.28	582355.87	1032.23	0.58	1.92	1030.32	10+75E CRN
351	913502.98	582355.61	1032.93	0.58	1.91	1031.02	20+00E CRN
352	914451.88	582695.27	1034.76	0.58	1.91	1032.85	30+00E CRN
353	914916.17	583468.01	1038.42	0.58	1.91	1036.51	40+00E CRN
354	915647.50	584184.09	1041.15	0.58	1.91	1039.24	50+00E CRN
355	916393.55	584894.11	1043.84	0.58	1.90	1041.93	60+00E CRN
356	917142.75	585603.76	1045.71	0.58	1.90	1043.81	70+00E CRN

Name	Northing (NAD83)	Easting (NAD 83)	Elevation (NGVD88)	conv (m)	conv (ft)	Elevation (NGVD29)	Description
357	928323.76	591602.64	1078.84	0.57	1.85	1076.98	RM 8
358	920062.90	587015.59	1053.99	0.58	1.89	1052.10	65+00E NR
359	920755.11	587560.57	1055.65	0.58	1.89	1053.77	75+00E NR
360	921547.09	588185.74	1056.85	0.57	1.88	1054.97	85+00E NR
361	922513.51	588828.11	1060.03	0.57	1.88	1058.15	95+00E NR
362	920134.83	586478.72	1052.68	0.58	1.89	1050.79	65+00W NR
363	920938.49	587078.87	1055.11	0.58	1.89	1053.22	75+00W NR
364	921724.98	587701.51	1056.69	0.57	1.88	1054.81	85+00W NR
365	922520.38	588307.29	1058.63	0.57	1.88	1056.75	95+00W NR
366	923489.37	588376.53	1067.14	0.57	1.87	1065.27	105+00 W NR
367	924490.22	588286.76	1069.55	0.57	1.87	1067.68	115+00 W NR
368	925391.76	588703.07	1069.70	0.57	1.87	1067.83	125+00 W NR
369	926180.60	589330.21	1071.25	0.57	1.86	1069.38	135+00 W NR
370	926976.55	589963.09	1073.68	0.57	1.86	1071.82	145+00 W NR
371	927818.05	590524.07	1075.65	0.57	1.85	1073.80	155+00 W NR
372	927668.89	590969.73	1075.91	0.57	1.85	1074.06	155+00 E NR
373	923515.23	588884.47	1067.23	0.57	1.87	1065.35	105+00 E NR
374	924515.98	588888.23	1068.51	0.57	1.87	1066.64	115+00 E NR
375	925240.43	589191.20	1070.32	0.57	1.87	1068.45	125+00 E NR
376	926055.94	589838.97	1071.97	0.57	1.86	1070.11	135+00 E NR
377	926851.75	590492.90	1074.61	0.57	1.86	1072.75	145+00 E NR
378	928268.86	590561.44	1088.77	0.57	1.85	1086.92	MCHD BC T/WL SWC NTH BR
379	907211.34	579320.99	1024.55	0.59	1.94	1022.62	ADOT BC T/W NEC IN SCH BR
380	908895.06	581170.89	1017.61	0.59	1.93	1015.68	SG 10+00E CRS
381	909872.55	581383.52	1017.59	0.59	1.92	1015.66	SG 20+00E CRS
382	910854.33	581607.11	1018.00	0.59	1.92	1016.08	SG 30+00E CRS
383	911843.88	581802.88	1013.86	0.58	1.92	1011.94	SG 40+00E CRS
384	920073.21	587002.39	1040.02	0.58	1.89	1038.13	SG 65+00E CRS
385	920764.12	587549.42	1043.33	0.58	1.89	1041.44	SG 75+00E NR
386	922514.24	588319.30	1048.27	0.57	1.88	1046.39	SG 95+00W NR
387	922517.53	588815.31	1048.73	0.57	1.88	1046.85	SG 95+00E NR
388	920125.97	586492.96	1039.92	0.58	1.89	1038.03	SG 65+00W NR
389	921556.20	588174.23	1045.45	0.57	1.88	1043.57	SG 85+00E NR
390	920928.50	587091.35	1042.22	0.58	1.89	1040.34	SG 75+00W NR
391	921716.21	587712.48	1046.58	0.57	1.88	1044.70	SG 85+00W NR
392	923492.37	588393.33	1053.67	0.57	1.87	1051.80	SG 105+00W NR
393	924517.47	588873.93	1056.69	0.57	1.87	1054.82	SG 115+00E NR
394	924489.84	588303.82	1055.59	0.57	1.87	1053.72	SG 115+00W NR
395	925382.07	588714.68	1057.78	0.57	1.87	1055.91	SG 125+00W NR
396	925250.08	589179.55	1058.04	0.57	1.87	1056.17	SG 125+00E NR
397	927814.17	590538.86	1063.50	0.57	1.85	1061.64	SG 155+00W NR
398	927672.32	590955.18	1064.01	0.57	1.85	1062.15	SG 155+00E NR
399	926065.17	589827.34	1059.90	0.57	1.86	1058.03	SG 135+00E NR
400	926860.82	590484.54	1062.46	0.57	1.86	1060.61	SG 145+00E NR
401	926171.16	589341.64	1059.58	0.57	1.86	1057.71	SG 135+00W NR
402	926967.20	589975.08	1061.66	0.57	1.86	1059.81	SG 145+00W NR
410	933582.57	592002.04	1095.19	0.56	1.84	1093.35	RM 9
411	933562.61	590499.48	1100.59	0.56	1.85	1098.74	RM 9[2]
412	938860.86	591575.10	1120.71	0.56	1.84	1118.87	RM 32
413	944323.19	596937.91	1138.75	0.55	1.82	1136.94	RM 35
414	949616.56	602305.54	1169.47	0.55	1.81	1167.67	RM 13
415	952250.74	602329.51	1176.68	0.55	1.81	1174.87	RM 58
416	954886.51	602353.16	1182.69	0.55	1.81	1180.88	RM 41
417	928804.93	591069.83	1080.97	0.57	1.85	1079.12	165+00E NR
418	929824.64	591009.96	1082.19	0.56	1.85	1080.34	175+00E NR
419	930748.16	590957.21	1084.46	0.56	1.85	1082.61	185+00E NR
420	931760.99	590964.12	1086.09	0.56	1.85	1084.24	195+00E NR
421	932739.94	591161.17	1089.04	0.56	1.85	1087.19	205+00E NR
422	933610.57	591393.88	1096.90	0.56	1.85	1095.05	ADTBC T/W
423	933753.93	591604.26	1098.33	0.56	1.85	1096.48	235+00E NR
423	918237.77	586097.88	1046.95	0.58	1.90	1045.05	45+00E NR W/EDGE
424	934526.44	592243.06	1099.41	0.56	1.84	1097.56	245+00E NR
424	919245.57	586400.20	1049.29	0.58	1.89	1047.40	55+00E NR
425	935512.20	592193.85	1104.69	0.56	1.84	1102.85	255+00E NR
425	918240.32	586087.44	1038.48	0.58	1.90	1036.58	SG 45+00E NR
426	935855.72	592089.24	1105.55	0.56	1.84	1103.71	258+55E NR
426	919253.01	586388.50	1037.72	0.58	1.89	1035.83	SG 55+00E NR

Name	Northing (NAD83)	Easting (NAD 83)	Elevation (NGVD88)	conv (m)	conv (ft)	Elevation (NGVD29)	Description
427	936480.89	592226.46	1106.50	0.56	1.84	1104.66	265+00E NR
428	937357.03	592703.93	1113.02	0.56	1.84	1111.18	275+00E NR
429	938284.13	593081.54	1114.15	0.56	1.84	1112.31	285+00E NR
430	939256.45	593397.98	1117.51	0.56	1.83	1115.68	295+00E NR
431	939866.99	593566.83	1119.28	0.56	1.83	1117.44	302+50E NR
432	940128.42	593716.95	1124.51	0.56	1.83	1122.67	305+00E NR
433	940986.38	594211.84	1129.33	0.56	1.83	1127.50	315+00E NR
434	941921.64	594536.19	1130.75	0.56	1.83	1128.92	325+00E NR
435	942920.11	594701.09	1132.72	0.56	1.82	1130.90	335+00E NR
436	943933.53	594791.31	1136.34	0.56	1.82	1134.52	345+00E NR
437	928933.81	590486.37	1081.08	0.57	1.85	1079.23	165+00W NR
438	929923.25	590579.76	1085.58	0.56	1.85	1083.73	175+00W NR
439	930910.84	590482.32	1084.88	0.56	1.85	1083.03	185+00W NR
440	931931.89	590503.69	1087.22	0.56	1.85	1085.36	195+00W NR
441	932846.67	590808.64	1089.03	0.56	1.85	1087.19	205+00W NR
442	933839.19	591165.89	1098.96	0.56	1.85	1097.12	235+00W NR
443	934640.66	591769.99	1100.77	0.56	1.84	1098.92	245+00W NR
444	935654.91	591761.21	1105.32	0.56	1.84	1103.48	255+00W NR
445	935830.31	591744.84	1106.22	0.56	1.84	1104.38	256+76W NR
446	936640.21	591872.51	1108.66	0.56	1.84	1106.82	265+00W NR
447	937491.49	592344.11	1113.01	0.56	1.84	1111.17	275+00W NR
448	938414.75	592760.65	1114.30	0.56	1.84	1112.46	285+00W NR
449	939285.03	593106.11	1117.44	0.56	1.83	1115.61	295+00W NR
450	939952.64	593366.43	1119.06	0.56	1.83	1117.23	302+16W NR
451	940198.82	593498.17	1123.50	0.56	1.83	1121.66	305+00W NR
452	941136.24	593860.34	1129.49	0.56	1.83	1127.66	315+00W NR
453	942075.90	594192.78	1130.79	0.56	1.83	1128.96	325+00W NR
454	943063.52	594335.30	1132.90	0.56	1.83	1131.07	335+00W NR
455	944048.55	594463.24	1136.21	0.56	1.82	1134.38	345+00W NR
456	944992.51	594814.63	1135.22	0.56	1.82	1133.40	355+00W NR
457	944799.34	595113.22	1135.06	0.56	1.82	1133.24	355+00E NR
458	954070.17	602278.33	1174.61	0.55	1.81	1172.80	25+00S SC
459	954429.12	602771.42	1182.26	0.55	1.81	1180.45	31+00S SC
460	954315.54	602052.14	1175.63	0.55	1.81	1173.82	25+00N SC
461	954761.56	602533.57	1180.11	0.55	1.81	1178.30	31+50N SC
462	912632.47	586208.08	1036.50	0.59	1.92	1034.58	RM 3
463	952400.38	600796.58	1170.67	0.55	1.81	1168.86	451+54E NR/SC
464	952480.05	600911.73	1169.94	0.55	1.81	1168.13	452+60E NR/SC
465	953038.55	601443.78	1171.35	0.55	1.81	1169.54	461+31E NR/SC
466	952637.38	600603.95	1170.23	0.55	1.81	1168.42	451+54W NR/SC
467	952724.70	600714.82	1169.30	0.55	1.81	1167.50	452+60W NR/SC
468	953426.41	600867.76	1171.93	0.55	1.81	1170.12	460+00W NR/SC
469	954433.88	600886.02	1173.32	0.55	1.81	1171.52	470+00W NR/SC
470	928810.79	591052.78	1066.30	0.57	1.85	1064.45	165+00E SG
471	928933.52	590501.99	1066.53	0.57	1.85	1064.68	165+00W SG
472	929822.51	590993.85	1068.66	0.56	1.85	1066.80	175+00E SG
473	929923.14	590598.10	1068.88	0.56	1.85	1067.03	175+00W SG
474	930910.43	590499.11	1070.77	0.56	1.85	1068.92	185+00W SG
475	930748.08	590940.98	1070.99	0.56	1.85	1069.14	185+00E SG
476	931761.96	590948.75	1073.06	0.56	1.85	1071.20	195+00E SG
477	931930.08	590518.73	1073.58	0.56	1.85	1071.73	195+00W SG
478	932744.94	591145.92	1076.24	0.56	1.85	1074.39	205+00E SG
479	932842.09	590823.05	1076.14	0.56	1.85	1074.30	205+00W SG
480	933770.14	591592.66	1080.78	0.56	1.85	1078.93	235+00E SG
481	933825.93	591182.11	1080.15	0.56	1.85	1078.30	235+00W SG
482	934531.86	592225.93	1084.05	0.56	1.84	1082.20	245+00E SG
483	934636.25	591788.59	1083.87	0.56	1.84	1082.02	245+00W SG
484	935502.26	592176.00	1086.71	0.56	1.84	1084.87	255+00ESG
485	935854.23	592071.73	1090.03	0.56	1.84	1088.19	258+55E SG
486	935831.89	591763.11	1090.46	0.56	1.84	1088.62	256+76W SG
487	935657.90	591781.75	1087.23	0.56	1.84	1085.38	255+00W SG
488	936486.53	592215.71	1096.14	0.56	1.84	1094.30	265+00E SG
489	936634.82	591887.41	1094.42	0.56	1.84	1092.58	265+00W SG
490	937365.49	592687.50	1096.17	0.56	1.84	1094.33	275+00E SG
491	938287.35	593066.61	1100.36	0.56	1.84	1098.53	285+00E SG
492	938411.79	592777.31	1099.72	0.56	1.84	1097.88	285+00W SG
493	937483.03	592359.75	1097.37	0.56	1.84	1095.53	275+00W SG

Name	Northing (NAD83)	Easting (NAD 83)	Elevation (NGVD88)	conv (m)	conv (ft)	Elevation (NGVD29)	Description
494	939261.83	593381.87	1102.51	0.56	1.83	1100.67	295+00E SG
495	939278.79	593123.20	1101.80	0.56	1.83	1099.96	295+00W SG
496	939874.23	593550.46	1104.77	0.56	1.83	1102.94	302+50E SG
497	939945.42	593381.38	1104.52	0.56	1.83	1102.69	302+16W SG
498	940187.86	593514.28	1106.72	0.56	1.83	1104.89	305+00W SG
499	940142.06	593702.67	1107.28	0.56	1.83	1105.45	305+00E SG
500	941129.84	593878.91	1112.10	0.56	1.83	1110.26	315+00W SG
501	940994.05	594191.50	1110.09	0.56	1.83	1108.26	315+00E SG
502	942070.69	594208.34	1116.69	0.56	1.83	1114.86	325+00W SG
503	941928.36	594520.71	1115.71	0.56	1.83	1113.89	325+00E SG
504	943062.93	594350.42	1120.74	0.56	1.83	1118.91	335+00W SG
505	942920.52	594686.83	1120.44	0.56	1.82	1118.61	335+00E SG
506	944042.81	594478.15	1123.11	0.56	1.82	1121.29	345+00W SG
507	943938.41	594778.90	1125.31	0.56	1.82	1123.49	345+00E SG
508	944988.91	594821.28	1129.91	0.56	1.82	1128.09	355+00W SG
509	944802.19	595107.43	1131.02	0.56	1.82	1129.20	355+00E SG
510	954309.35	602058.17	1168.87	0.55	1.81	1167.06	25+00N SG
511	954076.34	602272.02	1168.74	0.55	1.81	1166.94	25+00S SG
512	954441.03	602764.46	1170.65	0.55	1.81	1168.84	31+00S SG
513	954753.49	602541.28	1173.00	0.55	1.81	1171.20	31+50N SG
514	952419.04	600781.67	1149.39	0.55	1.81	1147.58	451+54E SG
515	952619.13	600618.73	1148.97	0.55	1.81	1147.16	451+54W SG
516	952714.32	600722.86	1159.50	0.55	1.81	1157.70	452+60W SG
517	952490.43	600903.82	1159.69	0.55	1.81	1157.88	452+60E SG
518	953426.05	600883.87	1162.40	0.55	1.81	1160.60	460+00W SG
519	954433.63	600894.38	1168.58	0.55	1.81	1166.77	470+00W SG
520	953049.96	601434.58	1162.75	0.55	1.81	1160.94	461+31E SG
521	880986.31	573024.30	958.03	0.64	2.10	955.93	12+00 E R4
522	880496.94	570191.24	954.13	0.64	2.10	952.03	45+00 W R4
523	879290.51	567510.61	944.70	0.64	2.09	942.61	15+00 W R4
524	885944.88	572667.02	969.10	0.63	2.08	967.02	105+00 W R4
1001	886698.93	573801.67	957.61	0.63	2.08	955.54	TOE LEVEE
1002	886698.41	573799.34	957.37	0.63	2.08	955.29	E/CNC
1003	886697.61	573793.61	955.71	0.63	2.08	953.63	GRD
1004	886696.16	573784.45	955.51	0.63	2.08	953.44	GRD
1005	886695.51	573779.76	955.91	0.63	2.08	953.83	GRD
1006	886693.07	573764.61	956.00	0.63	2.08	953.92	GRD
1007	886692.18	573759.26	955.69	0.63	2.08	953.62	GRD
1008	886690.43	573748.06	956.10	0.63	2.08	954.02	GRD
1009	886688.05	573731.50	955.56	0.63	2.08	953.48	GRD
1010	886685.70	573717.37	955.88	0.63	2.08	953.81	GRD
1011	886683.91	573704.71	955.86	0.63	2.08	953.78	GRD
1012	886680.97	573685.46	955.80	0.63	2.08	953.72	GRD
1013	886678.01	573665.86	955.71	0.63	2.08	953.63	GRD
1014	886674.69	573645.73	955.71	0.63	2.08	953.64	GRD
1015	886671.71	573625.95	955.64	0.63	2.08	953.56	GRD
1016	886668.58	573606.19	955.59	0.63	2.08	953.51	GRD
1017	886666.14	573590.38	955.88	0.63	2.08	953.80	GRD
1018	886664.62	573579.83	955.61	0.63	2.08	953.53	GRD
1019	886662.52	573567.30	955.69	0.63	2.08	953.61	GRD
1020	886659.50	573547.00	955.79	0.63	2.08	953.71	GRD
1021	886656.37	573526.86	955.66	0.63	2.08	953.58	GRD
1022	886653.34	573507.31	955.70	0.63	2.08	953.62	GRD
1023	886700.56	573815.30	971.01	0.63	2.08	968.94	TOP LEVEE
1024	887982.93	573803.27	974.36	0.63	2.08	972.28	TOP LEVEE
1025	886679.26	572677.15	971.35	0.63	2.08	969.28	TOP LEVEE
1026	887983.40	572672.11	974.89	0.63	2.08	972.81	TOP LEVEE
1027	886677.69	572691.07	956.58	0.63	2.08	954.51	TOE LEVEE
1028	886676.25	572707.16	955.80	0.63	2.08	953.72	GRD
1029	886675.99	572714.55	956.23	0.63	2.08	954.16	GRD
1030	886674.92	572727.70	955.94	0.63	2.08	953.86	GRD
1031	886673.23	572747.42	956.26	0.63	2.08	954.18	GRD
1032	886671.43	572768.00	955.97	0.63	2.08	953.89	GRD
1033	886669.69	572787.36	955.85	0.63	2.08	953.77	GRD
1034	886668.01	572807.75	955.82	0.63	2.08	953.74	GRD
1035	886666.35	572828.18	955.73	0.63	2.08	953.65	GRD
1036	886665.03	572842.23	955.74	0.63	2.08	953.66	GRD

Name	Northing (NAD83)	Easting (NAD 83)	Elevation (NGVD88)	conv (m)	conv (ft)	Elevation (NGVD29)	Description
1037	886663.87	572854.98	955.38	0.63	2.08	953.31	GRD
1038	886662.55	572870.88	955.88	0.63	2.08	953.81	GRD
1039	886661.09	572888.68	955.65	0.63	2.08	953.58	GRD
1040	886659.42	572907.92	955.47	0.63	2.08	953.39	GRD
1041	886657.95	572926.83	955.66	0.63	2.08	953.58	GRD
1042	886656.11	572946.46	955.53	0.63	2.08	953.46	GRD
1043	886654.41	572966.46	955.48	0.63	2.08	953.40	GRD
1044	886652.55	572986.87	955.42	0.63	2.08	953.34	GRD
1045	887983.11	573789.82	960.56	0.63	2.08	958.48	TOE LEVEE
1046	887983.11	573787.52	960.08	0.63	2.08	958.00	TOP CNC GCS
1047	887983.21	573768.54	959.93	0.63	2.08	957.85	TOP CNC GCS
1048	887983.14	573747.10	959.76	0.63	2.08	957.68	TOP CNC GCS
1049	887983.06	573724.63	959.87	0.63	2.08	957.79	TOP CNC GCS
1050	887983.25	573704.93	959.81	0.63	2.08	957.74	TOP CNC GCS
1051	887983.26	573684.65	959.55	0.63	2.08	957.47	TOP CNC GCS
1052	887983.13	573664.63	959.71	0.63	2.08	957.63	TOP CNC GCS
1053	887983.19	573644.67	959.87	0.63	2.08	957.79	TOP CNC GCS
1054	887983.21	573624.63	959.85	0.63	2.08	957.77	TOP CNC GCS
1055	887983.18	573604.48	959.99	0.63	2.08	957.91	TOP CNC GCS
1056	887983.19	573584.22	960.08	0.63	2.08	958.00	TOP CNC GCS
1057	887983.26	573564.54	960.21	0.63	2.08	958.14	TOP CNC GCS
1058	887983.18	573544.69	960.27	0.63	2.08	958.19	TOP CNC GCS
1059	887983.06	573524.78	960.32	0.63	2.08	958.24	TOP CNC GCS
1060	887983.23	573504.59	960.32	0.63	2.08	958.24	TOP CNC GCS
1061	887983.22	573484.85	960.26	0.63	2.08	958.18	TOP CNC GCS
1062	887983.25	573464.75	960.31	0.63	2.08	958.24	TOP CNC GCS
1063	887983.16	573444.69	960.36	0.63	2.08	958.29	TOP CNC GCS
1064	887983.14	573424.85	960.31	0.63	2.08	958.24	TOP CNC GCS
1065	887983.24	573404.73	960.35	0.63	2.08	958.27	TOP CNC GCS
1066	887983.25	573384.70	960.37	0.63	2.08	958.30	TOP CNC GCS
1067	887983.26	573364.58	960.40	0.63	2.08	958.32	TOP CNC GCS
1068	887983.31	573344.76	960.42	0.63	2.08	958.35	TOP CNC GCS
1069	887983.19	573324.44	960.21	0.63	2.08	958.13	TOP CNC GCS
1070	887983.26	573304.79	960.48	0.63	2.08	958.40	TOP CNC GCS
1071	887983.28	573284.64	960.35	0.63	2.08	958.28	TOP CNC GCS
1072	887983.30	573264.51	960.19	0.63	2.08	958.11	TOP CNC GCS
1073	887983.26	573244.78	960.23	0.63	2.08	958.15	TOP CNC GCS
1074	887983.33	573224.68	960.21	0.63	2.08	958.14	TOP CNC GCS
1075	887983.29	573204.26	960.15	0.63	2.08	958.07	TOP CNC GCS
1076	887983.31	573184.82	960.11	0.63	2.08	958.04	TOP CNC GCS
1077	887983.36	573164.87	960.14	0.63	2.08	958.07	TOP CNC GCS
1078	887983.30	573144.70	960.28	0.63	2.08	958.21	TOP CNC GCS
1079	887983.28	573124.71	960.39	0.63	2.08	958.31	TOP CNC GCS
1080	887983.35	573104.58	960.39	0.63	2.08	958.31	TOP CNC GCS
1081	887983.34	573084.72	960.39	0.63	2.08	958.32	TOP CNC GCS
1082	887983.27	573064.81	960.44	0.63	2.08	958.36	TOP CNC GCS
1083	887983.31	573044.67	960.35	0.63	2.08	958.28	TOP CNC GCS
1084	887983.30	573024.49	960.25	0.63	2.08	958.17	TOP CNC GCS
1085	887983.40	573004.56	960.31	0.63	2.08	958.23	TOP CNC GCS
1086	887983.35	572984.67	960.36	0.63	2.08	958.28	TOP CNC GCS
1087	887983.38	572964.88	960.34	0.63	2.08	958.27	TOP CNC GCS
1088	887983.32	572944.72	960.38	0.63	2.08	958.30	TOP CNC GCS
1089	887983.34	572924.54	960.41	0.63	2.08	958.34	TOP CNC GCS
1090	887983.35	572904.82	960.37	0.63	2.08	958.29	TOP CNC GCS
1091	887983.32	572884.83	960.41	0.63	2.08	958.33	TOP CNC GCS
1092	887983.40	572864.57	960.28	0.63	2.08	958.20	TOP CNC GCS
1093	887983.36	572844.70	960.18	0.63	2.08	958.11	TOP CNC GCS
1094	887983.41	572824.67	960.10	0.63	2.08	958.03	TOP CNC GCS
1095	887983.36	572804.81	959.94	0.63	2.08	957.86	TOP CNC GCS
1096	887983.49	572784.87	959.90	0.63	2.08	957.83	TOP CNC GCS
1097	887983.42	572764.74	960.01	0.63	2.08	957.93	TOP CNC GCS
1098	887983.37	572744.79	959.96	0.63	2.08	957.88	TOP CNC GCS
1099	887983.40	572724.70	960.00	0.63	2.08	957.92	TOP CNC GCS
1100	887983.51	572704.62	959.98	0.63	2.08	957.90	TOP CNC GCS
1101	887983.52	572692.14	959.91	0.63	2.08	957.84	TOP CNC GCS
1102	887983.51	572687.71	960.19	0.63	2.08	958.11	TOE LEVEE
1103	887953.19	572688.15	958.87	0.63	2.08	956.79	TOE LEVEE

Name	Northing (NAD83)	Easting (NAD 83)	Elevation (NGVD88)	conv (m)	conv (ft)	Elevation (NGVD29)	Description
1104	887953.00	572695.88	957.21	0.63	2.08	955.14	GRD
1105	887953.56	572712.48	957.84	0.63	2.08	955.77	GRD
1106	887953.62	572726.01	957.67	0.63	2.08	955.59	GRD
1107	887953.54	572729.61	957.02	0.63	2.08	954.94	GRD
1108	887953.50	572733.36	956.91	0.63	2.08	954.83	GRD
1109	887953.52	572735.49	957.95	0.63	2.08	955.87	GRD
1110	887953.34	572741.15	957.81	0.63	2.08	955.74	GRD
1111	887953.23	572742.61	957.05	0.63	2.08	954.98	GRD
1112	887953.62	572753.76	957.21	0.63	2.08	955.13	GRD
1113	887953.25	572757.29	957.58	0.63	2.08	955.50	GRD
1114	887953.27	572758.74	957.10	0.63	2.08	955.02	GRD
1115	887953.45	572764.05	956.73	0.63	2.08	954.66	GRD
1116	887953.38	572764.71	957.79	0.63	2.08	955.71	GRD
1117	887953.30	572768.20	957.91	0.63	2.08	955.83	GRD
1118	887953.17	572768.76	956.67	0.63	2.08	954.60	GRD
1119	887953.21	572779.34	956.99	0.63	2.08	954.92	GRD
1120	887953.02	572781.51	958.18	0.63	2.08	956.11	GRD
1121	887953.64	572791.25	958.05	0.63	2.08	955.97	GRD
1122	887953.12	572795.33	956.67	0.63	2.08	954.59	GRD
1123	887953.11	572799.75	958.03	0.63	2.08	955.96	GRD
1124	887952.88	572801.59	957.22	0.63	2.08	955.14	GRD
1125	887953.57	572807.85	956.95	0.63	2.08	954.87	GRD
1126	887953.38	572812.92	957.26	0.63	2.08	955.19	GRD
1127	887953.18	572814.76	958.41	0.63	2.08	956.33	GRD
1128	887952.98	572835.02	958.40	0.63	2.08	956.32	GRD
1129	887953.57	572850.69	958.59	0.63	2.08	956.52	GRD
1130	887953.15	572864.30	958.42	0.63	2.08	956.35	GRD
1131	887953.38	572868.00	957.85	0.63	2.08	955.77	GRD
1132	887953.33	572873.15	958.37	0.63	2.08	956.29	GRD
1133	887953.77	572880.56	958.41	0.63	2.08	956.33	GRD
1134	887953.22	572887.79	958.37	0.63	2.08	956.29	GRD
1135	887953.55	572889.24	957.94	0.63	2.08	955.86	GRD
1136	887953.56	572891.23	958.60	0.63	2.08	956.53	GRD
1137	887953.58	572900.74	958.73	0.63	2.08	956.66	GRD
1138	887953.32	572904.31	957.64	0.63	2.08	955.56	GRD
1139	887953.17	572906.12	958.51	0.63	2.08	956.44	GRD
1140	887953.47	572910.89	958.50	0.63	2.08	956.42	GRD
1141	887953.42	572912.78	957.45	0.63	2.08	955.37	GRD
1142	887953.12	572917.57	957.21	0.63	2.08	955.14	GRD
1143	887953.23	572919.07	958.00	0.63	2.08	955.92	GRD
1144	887953.33	572931.44	958.60	0.63	2.08	956.53	GRD
1145	887953.47	572947.56	958.69	0.63	2.08	956.61	GRD
1146	887953.38	572964.82	958.64	0.63	2.08	956.57	GRD
1147	887953.17	572967.00	957.18	0.63	2.08	955.10	GRD
1148	887953.40	572976.98	956.89	0.63	2.08	954.81	GRD
1149	887953.13	572982.17	958.86	0.63	2.08	956.78	GRD
1150	887953.26	572993.46	958.55	0.63	2.08	956.47	GRD
1151	887953.51	572998.71	957.79	0.63	2.08	955.71	GRD
1152	887953.26	573010.25	957.45	0.63	2.08	955.38	GRD
1153	887953.10	573019.58	957.98	0.63	2.08	955.90	GRD
1154	887953.39	573021.57	959.27	0.63	2.08	957.19	GRD
1155	887953.97	573028.48	959.54	0.63	2.08	957.46	GRD
1156	887953.58	573029.76	957.94	0.63	2.08	955.86	GRD
1157	887953.27	573035.94	957.44	0.63	2.08	955.36	GRD
1158	887953.36	573042.46	958.54	0.63	2.08	956.46	GRD
1159	887953.33	573053.90	959.01	0.63	2.08	956.94	GRD
1160	887953.10	573055.90	957.71	0.63	2.08	955.63	GRD
1161	887953.30	573060.92	957.11	0.63	2.08	955.04	GRD
1162	887953.31	573065.38	958.81	0.63	2.08	956.73	GRD
1163	887953.57	573078.33	958.55	0.63	2.08	956.47	GRD
1164	887953.33	573089.47	957.06	0.63	2.08	954.98	GRD
1165	887953.03	573095.49	957.44	0.63	2.08	955.36	GRD
1166	887953.38	573107.11	957.59	0.63	2.08	955.51	GRD
1167	887952.96	573108.16	958.83	0.63	2.08	956.75	GRD
1168	887953.29	573125.90	959.01	0.63	2.08	956.93	GRD
1169	887953.18	573142.42	959.03	0.63	2.08	956.96	GRD
1170	887953.12	573144.48	957.29	0.63	2.08	955.21	GRD

Name	Northing (NAD83)	Easting (NAD 83)	Elevation (NGVD88)	conv (m)	conv (ft)	Elevation (NGVD29)	Description
1171	887953.45	573148.51	956.97	0.63	2.08	954.89	GRD
1172	887953.25	573154.73	957.75	0.63	2.08	955.67	GRD
1173	887953.25	573157.33	958.66	0.63	2.08	956.58	GRD
1174	887953.09	573164.56	958.50	0.63	2.08	956.42	GRD
1175	887952.96	573166.91	957.39	0.63	2.08	955.31	GRD
1176	887953.00	573171.97	957.38	0.63	2.08	955.31	GRD
1177	887953.72	573177.74	957.78	0.63	2.08	955.70	GRD
1178	887953.19	573182.76	957.12	0.63	2.08	955.04	GRD
1179	887953.39	573190.64	957.33	0.63	2.08	955.25	GRD
1180	887953.23	573199.35	957.72	0.63	2.08	955.64	GRD
1181	887953.12	573202.71	958.54	0.63	2.08	956.47	GRD
1182	887953.43	573214.77	959.38	0.63	2.08	957.30	GRD
1183	887953.15	573225.94	959.42	0.63	2.08	957.34	GRD
1184	887953.13	573226.78	957.14	0.63	2.08	955.07	GRD
1185	887953.51	573237.73	957.34	0.63	2.08	955.26	GRD
1186	887952.94	573240.83	956.31	0.63	2.08	954.24	GRD
1187	887953.38	573249.53	956.91	0.63	2.08	954.83	GRD
1188	887953.64	573255.94	956.68	0.63	2.08	954.61	GRD
1189	887953.22	573261.10	958.80	0.63	2.08	956.72	GRD
1190	887953.28	573275.56	959.17	0.63	2.08	957.09	GRD
1191	887953.19	573289.94	959.25	0.63	2.08	957.17	GRD
1192	887952.81	573292.98	957.71	0.63	2.08	955.64	GRD
1193	887953.17	573302.42	958.32	0.63	2.08	956.24	GRD
1194	887953.56	573304.74	959.06	0.63	2.08	956.98	GRD
1195	887953.48	573312.06	959.28	0.63	2.08	957.20	GRD
1196	887953.46	573319.21	959.12	0.63	2.08	957.05	GRD
1197	887953.48	573319.62	958.16	0.63	2.08	956.08	GRD
1198	887953.57	573325.18	958.07	0.63	2.08	955.99	GRD
1199	887953.12	573325.53	959.08	0.63	2.08	957.01	GRD
1200	887953.11	573329.17	959.05	0.63	2.08	956.98	GRD
1201	887953.28	573333.06	956.98	0.63	2.08	954.90	GRD
1202	887953.33	573343.27	958.19	0.63	2.08	956.11	GRD
1203	887953.23	573350.19	957.53	0.63	2.08	955.45	GRD
1204	887952.59	573355.53	957.07	0.63	2.08	954.99	GRD
1205	887953.09	573357.01	958.64	0.63	2.08	956.56	GRD
1206	887952.71	573370.61	958.61	0.63	2.08	956.53	GRD
1207	887953.20	573380.54	958.90	0.63	2.08	956.82	GRD
1208	887953.57	573382.18	957.19	0.63	2.08	955.11	GRD
1209	887953.16	573392.17	958.39	0.63	2.08	956.32	GRD
1210	887952.91	573395.34	958.36	0.63	2.08	956.29	GRD
1211	887953.04	573396.35	959.33	0.63	2.08	957.25	GRD
1212	887953.38	573400.52	958.72	0.63	2.08	956.64	GRD
1213	887953.42	573401.61	957.97	0.63	2.08	955.90	GRD
1214	887953.26	573406.37	958.04	0.63	2.08	955.96	GRD
1215	887953.41	573408.85	958.95	0.63	2.08	956.87	GRD
1216	887952.81	573414.43	958.91	0.63	2.08	956.84	GRD
1217	887953.22	573419.54	957.54	0.63	2.08	955.46	GRD
1218	887953.01	573425.06	958.90	0.63	2.08	956.82	GRD
1219	887953.02	573428.37	958.66	0.63	2.08	956.58	GRD
1220	887952.81	573430.92	957.59	0.63	2.08	955.51	GRD
1221	887953.51	573435.64	957.22	0.63	2.08	955.15	GRD
1222	887952.94	573439.76	957.55	0.63	2.08	955.47	GRD
1223	887953.33	573440.47	958.80	0.63	2.08	956.72	GRD
1224	887953.16	573445.41	958.51	0.63	2.08	956.44	GRD
1225	887953.77	573455.86	959.03	0.63	2.08	956.95	GRD
1226	887952.80	573465.40	958.47	0.63	2.08	956.39	GRD
1227	887953.18	573467.05	957.42	0.63	2.08	955.34	GRD
1228	887953.49	573476.48	957.21	0.63	2.08	955.14	GRD
1229	887953.13	573483.63	957.56	0.63	2.08	955.48	GRD
1230	887952.95	573485.34	959.30	0.63	2.08	957.23	GRD
1231	887953.47	573492.16	958.86	0.63	2.08	956.78	GRD
1232	887953.33	573494.74	959.41	0.63	2.08	957.33	GRD
1233	887953.39	573509.23	959.45	0.63	2.08	957.37	GRD
1234	887952.59	573522.86	959.13	0.63	2.08	957.05	GRD
1235	887952.93	573523.33	958.41	0.63	2.08	956.33	GRD
1236	887953.23	573532.83	957.51	0.63	2.08	955.44	GRD
1237	887953.37	573537.71	957.16	0.63	2.08	955.09	GRD

Name	Northing (NAD83)	Easting (NAD 83)	Elevation (NGVD88)	conv (m)	conv (ft)	Elevation (NGVD29)	Description
1238	887953.17	573543.59	957.84	0.63	2.08	955.76	GRD
1239	887953.47	573547.88	957.87	0.63	2.08	955.80	GRD
1240	887953.59	573549.72	959.01	0.63	2.08	956.93	GRD
1241	887952.98	573560.86	958.58	0.63	2.08	956.51	GRD
1242	887953.31	573568.39	957.16	0.63	2.08	955.08	GRD
1243	887953.56	573573.77	957.97	0.63	2.08	955.89	GRD
1244	887952.98	573578.97	957.53	0.63	2.08	955.45	GRD
1245	887953.52	573584.76	957.95	0.63	2.08	955.87	GRD
1246	887954.04	573589.87	958.61	0.63	2.08	956.53	GRD
1247	887953.39	573598.17	957.78	0.63	2.08	955.71	GRD
1248	887953.11	573602.62	958.52	0.63	2.08	956.44	GRD
1249	887953.36	573620.21	958.42	0.63	2.08	956.35	GRD
1250	887953.08	573622.19	957.23	0.63	2.08	955.15	GRD
1251	887953.36	573632.16	956.29	0.63	2.08	954.21	GRD
1252	887953.35	573645.07	956.84	0.63	2.08	954.76	GRD
1253	887953.15	573661.57	957.67	0.63	2.08	955.59	GRD
1254	887953.25	573679.85	956.79	0.63	2.08	954.71	GRD
1255	887952.68	573688.06	955.79	0.63	2.08	953.72	GRD
1256	887953.37	573693.39	956.42	0.63	2.08	954.35	GRD
1257	887953.10	573703.55	956.77	0.63	2.08	954.70	GRD
1258	887952.89	573713.49	958.46	0.63	2.08	956.38	GRD
1259	887953.63	573722.43	958.75	0.63	2.08	956.67	GRD
1260	887952.79	573728.38	958.69	0.63	2.08	956.62	GRD
1261	887952.83	573732.39	957.02	0.63	2.08	954.95	GRD
1262	887952.72	573735.45	956.67	0.63	2.08	954.60	GRD
1263	887952.95	573743.01	957.18	0.63	2.08	955.10	GRD
1264	887952.84	573754.42	957.32	0.63	2.08	955.25	GRD
1265	887953.11	573759.39	957.32	0.63	2.08	955.25	GRD
1266	887953.00	573761.03	957.91	0.63	2.08	955.84	GRD
1267	887953.25	573768.70	957.45	0.63	2.08	955.38	GRD
1268	887952.93	573776.86	957.58	0.63	2.08	955.51	GRD
1269	887953.49	573782.70	958.44	0.63	2.08	956.36	GRD
1270	887953.26	573786.82	957.87	0.63	2.08	955.79	TOE LEVEE
1271	893836.41	572088.00	990.16	0.63	2.08	988.08	TOP LEVEE
1272	893601.02	573482.66	971.50	0.63	2.08	969.42	TOE LEVEE
1273	893601.26	573479.83	970.79	0.63	2.08	968.71	GRD
1274	893604.09	573460.65	970.76	0.63	2.08	968.69	GRD
1275	893606.82	573442.65	971.24	0.63	2.08	969.16	GRD
1276	893607.18	573439.28	970.48	0.63	2.08	968.40	GRD
1277	893608.59	573434.68	971.07	0.63	2.08	968.99	GRD
1278	893608.90	573430.10	969.85	0.63	2.08	967.77	GRD
1279	893609.90	573424.66	970.28	0.63	2.08	968.21	GRD
1280	893610.08	573422.45	971.38	0.63	2.08	969.30	GRD
1281	893611.89	573410.01	971.45	0.63	2.08	969.38	GRD
1282	893612.68	573399.90	970.96	0.63	2.08	968.89	GRD
1283	893613.56	573396.55	969.91	0.63	2.08	967.84	GRD
1284	893614.40	573394.22	971.23	0.63	2.08	969.15	GRD
1285	893616.24	573378.21	971.15	0.63	2.08	969.07	GRD
1286	893618.89	573361.54	970.79	0.63	2.08	968.72	GRD
1287	893619.63	573357.96	970.16	0.63	2.08	968.08	GRD
1288	893620.11	573352.55	969.80	0.63	2.08	967.72	GRD
1289	893620.67	573350.50	970.53	0.63	2.08	968.45	GRD
1290	893621.36	573344.43	969.95	0.63	2.08	967.87	GRD
1291	893622.35	573336.32	970.00	0.63	2.08	967.92	GRD
1292	893623.39	573330.77	969.54	0.63	2.08	967.47	GRD
1293	893624.24	573324.53	969.92	0.63	2.08	967.84	GRD
1294	893626.64	573306.65	970.11	0.63	2.08	968.04	GRD
1295	893627.07	573303.68	969.41	0.63	2.08	967.33	GRD
1296	893627.75	573300.20	970.07	0.63	2.08	967.99	GRD
1297	893628.37	573297.18	969.96	0.63	2.08	967.89	GRD
1298	893628.77	573295.11	970.76	0.63	2.08	968.68	GRD
1299	893630.25	573284.60	971.15	0.63	2.08	969.07	GRD
1300	893630.99	573281.30	969.39	0.63	2.08	967.31	GRD
1301	893632.68	573267.59	969.96	0.63	2.08	967.88	GRD
1302	893634.75	573252.27	969.94	0.63	2.08	967.86	GRD
1303	893637.04	573236.61	969.70	0.63	2.08	967.63	GRD
1304	893638.35	573227.36	969.62	0.63	2.08	967.54	GRD

Name	Northing (NAD83)	Easting (NAD 83)	Elevation (NGVD88)	conv (m)	conv (ft)	Elevation (NGVD29)	Description
1305	893639.12	573223.72	970.92	0.63	2.08	968.84	GRD
1306	893640.61	573210.91	971.00	0.63	2.08	968.92	GRD
1307	893642.59	573198.86	970.57	0.63	2.08	968.50	GRD
1308	893642.74	573197.68	968.98	0.63	2.08	966.90	GRD
1309	893643.25	573194.85	968.08	0.63	2.08	966.00	GRD
1310	893643.79	573190.37	967.96	0.63	2.08	965.89	GRD
1311	893644.51	573185.85	969.44	0.63	2.08	967.36	GRD
1312	893645.78	573178.03	970.10	0.63	2.08	968.03	GRD
1313	893646.39	573172.85	970.15	0.63	2.08	968.08	GRD
1314	893647.30	573169.69	968.95	0.63	2.08	966.87	GRD
1315	893648.13	573162.87	968.83	0.63	2.08	966.75	GRD
1316	893648.19	573161.21	969.83	0.63	2.08	967.75	GRD
1317	893649.66	573150.04	970.29	0.63	2.08	968.22	GRD
1318	893651.06	573142.46	969.91	0.63	2.08	967.83	GRD
1319	893651.64	573139.75	968.47	0.63	2.08	966.39	GRD
1320	893652.07	573137.48	969.43	0.63	2.08	967.35	GRD
1321	893653.16	573128.33	969.72	0.63	2.08	967.64	GRD
1322	893653.54	573124.76	968.70	0.63	2.08	966.63	GRD
1323	893654.29	573118.53	968.22	0.63	2.08	966.14	GRD
1324	893654.90	573115.01	969.59	0.63	2.08	967.51	GRD
1325	893656.74	573105.32	970.10	0.63	2.08	968.02	GRD
1326	893657.75	573096.61	969.91	0.63	2.08	967.84	GRD
1327	893657.89	573095.04	968.11	0.63	2.08	966.03	GRD
1328	893658.25	573092.52	967.63	0.63	2.08	965.55	GRD
1329	893659.53	573085.40	970.22	0.63	2.08	968.15	GRD
1330	893660.38	573080.36	969.61	0.63	2.08	967.53	GRD
1331	893660.72	573077.77	968.95	0.63	2.08	966.87	GRD
1332	893661.30	573074.07	969.95	0.63	2.08	967.87	GRD
1333	893662.01	573067.92	969.45	0.63	2.08	967.38	GRD
1334	893662.42	573066.58	968.31	0.63	2.08	966.23	GRD
1335	893663.46	573059.35	968.02	0.63	2.08	965.94	GRD
1336	893664.61	573052.18	968.87	0.63	2.08	966.79	GRD
1337	893665.13	573045.79	968.85	0.63	2.08	966.77	GRD
1338	893666.57	573037.71	968.70	0.63	2.08	966.62	GRD
1339	893666.63	573035.39	970.12	0.63	2.08	968.04	GRD
1340	893668.76	573020.53	970.44	0.63	2.08	968.37	GRD
1341	893669.30	573017.52	969.21	0.63	2.08	967.13	GRD
1342	893670.11	573013.60	970.72	0.63	2.08	968.64	GRD
1343	893670.62	573011.03	970.89	0.63	2.08	968.81	GRD
1344	893670.60	573008.28	969.43	0.63	2.08	967.35	GRD
1345	893671.38	573004.35	969.51	0.63	2.08	967.43	GRD
1346	893671.64	573001.48	970.86	0.63	2.08	968.78	GRD
1347	893673.44	572991.28	970.79	0.63	2.08	968.71	GRD
1348	893674.43	572988.26	970.18	0.63	2.08	968.10	GRD
1349	893674.11	572986.26	969.39	0.63	2.08	967.32	GRD
1350	893675.28	572979.76	968.64	0.63	2.08	966.57	GRD
1351	893676.36	572969.30	970.26	0.63	2.08	968.19	GRD
1352	893677.74	572959.39	970.60	0.63	2.08	968.52	GRD
1353	893679.47	572947.58	970.25	0.63	2.08	968.18	GRD
1354	893681.06	572937.64	969.73	0.63	2.08	967.65	GRD
1355	893681.66	572933.60	969.21	0.63	2.08	967.13	GRD
1356	893682.38	572930.36	968.54	0.63	2.08	966.47	GRD
1357	893682.83	572922.96	970.12	0.63	2.08	968.05	GRD
1358	893683.83	572920.83	970.24	0.63	2.08	968.16	GRD
1359	893684.11	572916.20	969.30	0.63	2.08	967.23	GRD
1360	893684.73	572911.81	970.06	0.63	2.08	967.99	GRD
1361	893685.72	572905.87	969.60	0.63	2.08	967.52	GRD
1362	893686.28	572903.39	969.85	0.63	2.08	967.77	GRD
1363	893686.60	572902.04	968.64	0.63	2.08	966.56	GRD
1364	893687.45	572893.76	969.26	0.63	2.08	967.18	GRD
1365	893687.93	572890.52	968.75	0.63	2.08	966.68	GRD
1366	893689.15	572885.97	970.21	0.63	2.08	968.13	GRD
1367	893689.29	572883.56	970.31	0.63	2.08	968.24	GRD
1368	893689.53	572880.24	968.94	0.63	2.08	966.86	GRD
1369	893690.16	572875.46	968.53	0.63	2.08	966.46	GRD
1370	893690.88	572871.00	968.84	0.63	2.08	966.77	GRD
1371	893691.66	572865.17	968.18	0.63	2.08	966.10	GRD

Name	Northing (NAD83)	Easting (NAD 83)	Elevation (NGVD88)	conv (m)	conv (ft)	Elevation (NGVD29)	Description
1372	893692.39	572859.48	967.95	0.63	2.08	965.87	GRD
1373	893694.17	572849.06	968.60	0.63	2.08	966.53	GRD
1374	893695.64	572837.77	968.56	0.63	2.08	966.49	GRD
1375	893696.57	572831.64	969.18	0.63	2.08	967.10	GRD
1376	893696.94	572827.79	968.72	0.63	2.08	966.64	GRD
1377	893697.61	572823.78	969.19	0.63	2.08	967.11	GRD
1378	893698.14	572820.70	970.26	0.63	2.08	968.18	GRD
1379	893699.05	572815.74	969.75	0.63	2.08	967.68	GRD
1380	893699.33	572813.77	968.91	0.63	2.08	966.83	GRD
1381	893700.65	572806.46	968.60	0.63	2.08	966.52	GRD
1382	893701.29	572799.90	968.96	0.63	2.08	966.89	GRD
1383	893702.40	572795.20	968.48	0.63	2.08	966.40	GRD
1384	893702.90	572790.71	968.80	0.63	2.08	966.72	GRD
1385	893703.95	572783.01	968.39	0.63	2.08	966.31	GRD
1386	893704.77	572779.45	968.83	0.63	2.08	966.75	GRD
1387	893704.72	572776.46	970.94	0.63	2.08	968.86	GRD
1388	893707.03	572758.62	970.88	0.63	2.08	968.81	GRD
1389	893709.10	572745.52	971.10	0.63	2.08	969.03	GRD
1390	893710.22	572741.20	970.69	0.63	2.08	968.61	GRD
1391	893710.49	572737.90	971.12	0.63	2.08	969.04	GRD
1392	893710.93	572735.91	970.02	0.63	2.08	967.94	GRD
1393	893710.59	572732.24	969.61	0.63	2.08	967.54	GRD
1394	893711.52	572727.79	969.88	0.63	2.08	967.81	GRD
1395	893712.65	572725.74	971.57	0.63	2.08	969.49	GRD
1396	893714.29	572711.31	971.24	0.63	2.08	969.16	GRD
1397	893714.80	572708.61	970.70	0.63	2.08	968.63	GRD
1398	893715.50	572706.01	971.30	0.63	2.08	969.22	GRD
1399	893715.83	572700.10	971.13	0.63	2.08	969.05	GRD
1400	893716.69	572695.84	969.63	0.63	2.08	967.55	GRD
1401	893717.80	572691.82	969.56	0.63	2.08	967.48	GRD
1402	893717.89	572688.85	970.23	0.63	2.08	968.15	GRD
1403	893718.48	572684.13	969.51	0.63	2.08	967.43	GRD
1404	893718.99	572679.93	970.66	0.63	2.08	968.58	GRD
1405	893720.55	572668.80	971.35	0.63	2.08	969.28	GRD
1406	893721.16	572665.94	970.56	0.63	2.08	968.48	GRD
1407	893721.93	572662.23	971.20	0.63	2.08	969.12	GRD
1408	893723.68	572647.41	971.27	0.63	2.08	969.19	GRD
1409	893723.93	572645.39	970.66	0.63	2.08	968.58	GRD
1410	893724.67	572642.53	971.06	0.63	2.08	968.98	GRD
1411	893727.59	572625.00	971.19	0.63	2.08	969.11	GRD
1412	893727.88	572621.86	970.28	0.63	2.08	968.20	GRD
1413	893728.58	572615.08	969.94	0.63	2.08	967.86	GRD
1414	893729.23	572611.22	967.79	0.63	2.08	965.71	GRD
1415	893730.57	572605.37	968.64	0.63	2.08	966.57	GRD
1416	893731.47	572595.35	969.04	0.63	2.08	966.96	GRD
1417	893731.79	572591.27	969.79	0.63	2.08	967.72	GRD
1418	893733.07	572586.67	968.95	0.63	2.08	966.87	GRD
1419	893733.48	572581.76	968.87	0.63	2.08	966.80	GRD
1420	893734.44	572575.72	970.28	0.63	2.08	968.20	GRD
1421	893736.27	572564.81	970.10	0.63	2.08	968.03	GRD
1422	893736.48	572561.12	969.30	0.63	2.08	967.22	GRD
1423	893737.81	572550.64	970.42	0.63	2.08	968.35	GRD
1424	893738.86	572544.25	970.21	0.63	2.08	968.13	GRD
1425	893739.06	572541.60	969.18	0.63	2.08	967.11	GRD
1426	893739.79	572538.27	970.22	0.63	2.08	968.14	GRD
1427	893741.25	572529.23	969.88	0.63	2.08	967.80	GRD
1428	893741.84	572525.01	968.87	0.63	2.08	966.80	GRD
1429	893742.52	572522.12	970.11	0.63	2.08	968.04	GRD
1430	893744.27	572506.74	970.23	0.63	2.08	968.15	GRD
1431	893746.90	572491.05	970.19	0.63	2.08	968.11	GRD
1432	893747.79	572483.05	970.31	0.63	2.08	968.24	GRD
1433	893747.95	572480.67	969.50	0.63	2.08	967.42	GRD
1434	893750.56	572465.44	969.93	0.63	2.08	967.85	GRD
1435	893751.41	572461.18	969.15	0.63	2.08	967.08	GRD
1436	893753.07	572451.02	970.12	0.63	2.08	968.04	GRD
1437	893754.54	572439.89	970.58	0.63	2.08	968.50	GRD
1438	893754.85	572436.23	969.21	0.63	2.08	967.14	GRD

Name	Northing (NAD83)	Easting (NAD 83)	Elevation (NGVD88)	conv (m)	conv (ft)	Elevation (NGVD29)	Description
1439	893755.89	572429.86	970.16	0.63	2.08	968.08	GRD
1440	893756.21	572424.45	970.36	0.63	2.08	968.28	GRD
1441	893757.37	572418.59	969.18	0.63	2.08	967.10	GRD
1442	893758.74	572413.61	968.87	0.63	2.08	966.79	GRD
1443	893759.20	572407.59	969.80	0.63	2.08	967.72	GRD
1444	893760.29	572399.95	969.07	0.63	2.08	967.00	GRD
1445	893760.64	572396.34	968.49	0.63	2.08	966.41	GRD
1446	893762.26	572387.62	968.77	0.63	2.08	966.69	GRD
1447	893764.21	572372.77	970.36	0.63	2.08	968.28	GRD
1448	893765.11	572367.36	969.70	0.63	2.08	967.62	GRD
1449	893765.66	572361.58	969.69	0.63	2.08	967.61	GRD
1450	893768.20	572346.83	969.63	0.63	2.08	967.55	GRD
1451	893768.54	572341.25	970.74	0.63	2.08	968.67	GRD
1452	893769.68	572332.06	970.91	0.63	2.08	968.83	GRD
1453	893770.55	572329.72	969.98	0.63	2.08	967.90	GRD
1454	893771.59	572322.19	970.33	0.63	2.08	968.26	GRD
1455	893772.48	572315.50	969.44	0.63	2.08	967.37	GRD
1456	893772.97	572312.37	970.43	0.63	2.08	968.35	GRD
1457	893774.46	572302.46	970.35	0.63	2.08	968.27	GRD
1458	893774.39	572301.34	971.26	0.63	2.08	969.19	GRD
1459	893776.09	572292.36	970.85	0.63	2.08	968.77	GRD
1460	893776.39	572287.25	969.92	0.63	2.08	967.84	GRD
1461	893776.71	572284.61	970.73	0.63	2.08	968.65	GRD
1462	893777.84	572280.03	971.14	0.63	2.08	969.06	GRD
1463	893777.99	572276.47	970.43	0.63	2.08	968.35	GRD
1464	893778.22	572274.25	971.30	0.63	2.08	969.22	GRD
1465	893780.43	572261.39	971.29	0.63	2.08	969.21	GRD
1466	893781.25	572257.57	970.57	0.63	2.08	968.49	GRD
1467	893781.39	572253.74	970.95	0.63	2.08	968.87	GRD
1468	893781.79	572251.48	970.64	0.63	2.08	968.56	GRD
1469	893782.15	572249.14	971.04	0.63	2.08	968.97	GRD
1470	893783.15	572243.88	970.74	0.63	2.08	968.67	GRD
1471	893783.68	572240.54	969.56	0.63	2.08	967.49	GRD
1472	893784.22	572236.63	970.79	0.63	2.08	968.72	GRD
1473	893785.56	572226.23	970.17	0.63	2.08	968.09	GRD
1474	893786.43	572223.05	969.67	0.63	2.08	967.59	GRD
1475	893786.90	572215.47	970.51	0.63	2.08	968.44	GRD
1476	893788.14	572207.25	970.07	0.63	2.08	967.99	GRD
1477	893789.69	572200.35	969.21	0.63	2.08	967.13	GRD
1478	893789.82	572196.58	969.81	0.63	2.08	967.73	GRD
1479	893791.59	572184.79	969.47	0.63	2.08	967.39	GRD
1480	893793.52	572171.80	970.31	0.63	2.08	968.23	GRD
1481	893795.26	572161.12	969.75	0.63	2.08	967.67	GRD
1482	893796.68	572152.72	970.12	0.63	2.08	968.04	GRD
1483	893797.03	572148.96	969.71	0.63	2.08	967.63	GRD
1484	893797.91	572143.00	970.31	0.63	2.08	968.23	GRD
1485	893798.33	572139.04	969.80	0.63	2.08	967.72	GRD
1486	893798.61	572134.98	970.30	0.63	2.08	968.23	GRD
1487	893799.88	572130.33	969.88	0.63	2.08	967.80	GRD
1488	893800.61	572124.07	970.47	0.63	2.08	968.40	GRD
1489	893801.52	572115.64	969.74	0.63	2.08	967.66	GRD
1490	893802.71	572109.66	969.35	0.63	2.08	967.27	GRD
1491	893803.32	572107.52	970.10	0.63	2.08	968.02	GRD
1492	893803.64	572106.05	970.21	0.63	2.08	968.13	GRD
1493	893803.67	572104.91	971.29	0.63	2.08	969.21	GRD
1494	893803.42	572103.11	971.57	0.63	2.08	969.49	TOE LEVEE
1495	893833.72	572104.24	972.81	0.63	2.08	970.74	TOE LEVEE
1496	893833.28	572108.29	972.03	0.63	2.08	969.95	TOP CNC GCS
1497	893831.81	572119.09	972.29	0.63	2.08	970.21	TOP CNC GCS
1498	893829.62	572133.74	972.21	0.63	2.08	970.14	TOP CNC GCS
1499	893826.61	572153.66	972.13	0.63	2.08	970.05	TOP CNC GCS
1500	893823.79	572172.84	971.99	0.63	2.08	969.92	TOP CNC GCS
1501	893820.81	572193.22	971.98	0.63	2.08	969.90	TOP CNC GCS
1502	893817.91	572212.86	971.98	0.63	2.08	969.90	TOP CNC GCS
1503	893814.99	572232.68	972.05	0.63	2.08	969.97	TOP CNC GCS
1504	893812.25	572251.50	972.15	0.63	2.08	970.07	TOP CNC GCS
1505	893809.17	572272.44	972.26	0.63	2.08	970.18	TOP CNC GCS

Name	Northing (NAD83)	Easting (NAD 83)	Elevation (NGVD88)	conv (m)	conv (ft)	Elevation (NGVD29)	Description
1506	893806.31	572291.86	972.29	0.63	2.08	970.21	TOP CNC GCS
1507	893803.36	572311.98	972.30	0.63	2.08	970.22	TOP CNC GCS
1508	893800.54	572331.33	972.25	0.63	2.08	970.17	TOP CNC GCS
1509	893797.59	572351.43	972.23	0.63	2.08	970.15	TOP CNC GCS
1510	893794.63	572371.55	972.20	0.63	2.08	970.12	TOP CNC GCS
1511	893791.78	572391.36	972.12	0.63	2.08	970.05	TOP CNC GCS
1512	893788.90	572411.04	972.12	0.63	2.08	970.05	TOP CNC GCS
1513	893785.91	572430.56	972.23	0.63	2.08	970.15	TOP CNC GCS
1514	893782.97	572450.85	972.28	0.63	2.08	970.21	TOP CNC GCS
1515	893780.11	572470.37	972.30	0.63	2.08	970.22	TOP CNC GCS
1516	893777.23	572490.36	972.24	0.63	2.08	970.16	TOP CNC GCS
1517	893774.39	572510.22	972.24	0.63	2.08	970.16	TOP CNC GCS
1518	893771.31	572529.76	972.25	0.63	2.08	970.17	TOP CNC GCS
1519	893768.47	572549.61	972.14	0.63	2.08	970.06	TOP CNC GCS
1520	893765.64	572569.31	971.98	0.63	2.08	969.90	TOP CNC GCS
1521	893762.74	572588.71	971.87	0.63	2.08	969.79	TOP CNC GCS
1522	893759.76	572608.98	972.06	0.63	2.08	969.98	TOP CNC GCS
1523	893756.90	572628.53	972.14	0.63	2.08	970.06	TOP CNC GCS
1524	893753.88	572648.82	972.15	0.63	2.08	970.07	TOP CNC GCS
1525	893751.03	572667.82	972.02	0.63	2.08	969.95	TOP CNC GCS
1526	893748.06	572687.84	972.01	0.63	2.08	969.93	TOP CNC GCS
1527	893745.17	572707.65	972.00	0.63	2.08	969.93	TOP CNC GCS
1528	893742.31	572727.24	972.02	0.63	2.08	969.94	TOP CNC GCS
1529	893739.49	572747.53	972.12	0.63	2.08	970.04	TOP CNC GCS
1530	893736.46	572767.36	972.14	0.63	2.08	970.06	TOP CNC GCS
1531	893733.65	572787.14	972.06	0.63	2.08	969.99	TOP CNC GCS
1532	893730.71	572806.73	972.02	0.63	2.08	969.95	TOP CNC GCS
1533	893727.75	572826.62	972.03	0.63	2.08	969.95	TOP CNC GCS
1534	893724.87	572846.35	971.98	0.63	2.08	969.90	TOP CNC GCS
1535	893721.81	572866.72	971.98	0.63	2.08	969.91	TOP CNC GCS
1536	893718.99	572886.14	971.96	0.63	2.08	969.89	TOP CNC GCS
1537	893716.16	572905.64	971.95	0.63	2.08	969.87	TOP CNC GCS
1538	893713.24	572925.48	972.09	0.63	2.08	970.01	TOP CNC GCS
1539	893710.39	572944.96	972.18	0.63	2.08	970.10	TOP CNC GCS
1540	893707.46	572965.32	972.06	0.63	2.08	969.98	TOP CNC GCS
1541	893704.50	572984.91	971.96	0.63	2.08	969.89	TOP CNC GCS
1542	893701.51	573005.05	971.95	0.63	2.08	969.87	TOP CNC GCS
1543	893698.74	573024.54	971.87	0.63	2.08	969.79	TOP CNC GCS
1544	893695.85	573044.32	971.96	0.63	2.08	969.88	TOP CNC GCS
1545	893692.90	573063.93	972.01	0.63	2.08	969.94	TOP CNC GCS
1546	893689.95	573083.65	971.91	0.63	2.08	969.83	TOP CNC GCS
1547	893686.98	573103.52	971.83	0.63	2.08	969.75	TOP CNC GCS
1548	893684.14	573123.37	971.86	0.63	2.08	969.78	TOP CNC GCS
1549	893681.16	573143.13	971.93	0.63	2.08	969.85	TOP CNC GCS
1550	893678.31	573162.90	971.99	0.63	2.08	969.91	TOP CNC GCS
1551	893675.39	573182.63	972.03	0.63	2.08	969.95	TOP CNC GCS
1552	893672.51	573202.26	972.03	0.63	2.08	969.96	TOP CNC GCS
1553	893669.61	573222.22	972.06	0.63	2.08	969.98	TOP CNC GCS
1554	893666.80	573241.78	972.10	0.63	2.08	970.02	TOP CNC GCS
1555	893663.87	573261.85	972.08	0.63	2.08	970.01	TOP CNC GCS
1556	893660.94	573281.57	972.01	0.63	2.08	969.94	TOP CNC GCS
1557	893658.04	573301.56	971.92	0.63	2.08	969.84	TOP CNC GCS
1558	893655.05	573321.42	971.96	0.63	2.08	969.89	TOP CNC GCS
1559	893652.17	573341.38	972.04	0.63	2.08	969.96	TOP CNC GCS
1560	893649.31	573360.80	972.11	0.63	2.08	970.03	TOP CNC GCS
1561	893646.43	573380.65	972.16	0.63	2.08	970.09	TOP CNC GCS
1562	893643.54	573400.14	972.18	0.63	2.08	970.10	TOP CNC GCS
1563	893640.54	573420.29	972.14	0.63	2.08	970.06	TOP CNC GCS
1564	893637.66	573439.91	971.99	0.63	2.08	969.91	TOP CNC GCS
1565	893634.78	573459.86	971.92	0.63	2.08	969.84	TOP CNC GCS
1566	893632.00	573477.99	971.65	0.63	2.08	969.57	TOP CNC GCS
1567	893631.33	573482.88	972.67	0.63	2.08	970.59	TOE LEVEE
1568	901476.49	576725.69	1005.19	0.63	2.08	1003.11	TOP LEVEE
1569	897185.18	574128.98	993.12	0.63	2.08	991.04	TOP LEVEE
1570	897174.66	574140.86	979.24	0.63	2.08	977.17	TOE LEVEE
1571	897164.27	574152.63	979.21	0.63	2.08	977.14	GRD
1572	897150.86	574167.87	979.35	0.63	2.08	977.27	GRD

Name	Northing (NAD83)	Easting (NAD 83)	Elevation (NGVD88)	conv (m)	conv (ft)	Elevation (NGVD29)	Description
1573	897137.77	574182.89	979.48	0.63	2.08	977.40	GRD
1574	897124.36	574197.73	979.66	0.63	2.08	977.58	GRD
1575	897111.11	574212.85	979.48	0.63	2.08	977.40	GRD
1576	897097.75	574227.79	979.45	0.63	2.08	977.37	GRD
1577	897084.65	574242.78	979.50	0.63	2.08	977.42	GRD
1578	897071.33	574257.81	979.64	0.63	2.08	977.56	GRD
1579	897058.18	574272.82	979.70	0.63	2.08	977.62	GRD
1580	897044.93	574287.75	979.80	0.63	2.08	977.72	GRD
1581	897031.51	574302.94	979.55	0.63	2.08	977.47	GRD
1582	897018.44	574317.63	979.23	0.63	2.08	977.16	GRD
1583	897005.07	574332.81	979.04	0.63	2.08	976.96	GRD
1584	896992.05	574347.66	979.06	0.63	2.08	976.98	GRD
1585	896978.45	574362.78	979.02	0.63	2.08	976.95	GRD
1586	896856.36	575316.35	980.71	0.63	2.08	978.63	TOE LEVEE
1587	896866.82	575304.32	979.93	0.63	2.08	977.85	GRD
1588	896879.71	575289.72	980.43	0.63	2.08	978.36	GRD
1589	896892.95	575274.75	980.43	0.63	2.08	978.35	GRD
1590	896906.22	575259.76	980.37	0.63	2.08	978.30	GRD
1591	896919.34	575245.08	981.04	0.63	2.08	978.96	GRD
1592	896924.59	575239.22	980.89	0.63	2.08	978.82	GRD
1593	896927.88	575235.12	980.00	0.63	2.08	977.92	GRD
1594	896934.41	575228.03	979.59	0.63	2.08	977.51	GRD
1595	896937.68	575224.43	980.18	0.63	2.08	978.10	GRD
1596	896942.38	575218.97	979.77	0.63	2.08	977.70	GRD
1597	896945.61	575215.01	980.64	0.63	2.08	978.56	GRD
1598	896958.81	575200.42	980.44	0.63	2.08	978.36	GRD
1599	896963.72	575194.80	981.29	0.63	2.08	979.22	GRD
1600	896967.90	575189.92	980.77	0.63	2.08	978.69	GRD
1601	896973.07	575184.27	981.02	0.63	2.08	978.94	GRD
1602	896985.74	575169.88	980.88	0.63	2.08	978.81	GRD
1603	896998.88	575154.79	980.63	0.63	2.08	978.56	GRD
1604	897012.33	575139.72	980.73	0.63	2.08	978.65	GRD
1605	897025.39	575124.93	980.88	0.63	2.08	978.81	GRD
1606	897038.87	575109.84	980.80	0.63	2.08	978.72	GRD
1607	897052.28	575094.82	980.58	0.63	2.08	978.51	GRD
1608	896847.33	575326.50	994.66	0.63	2.08	992.58	TOP LEVEE
1609	901243.02	577829.86	1005.15	0.63	2.08	1003.07	TOP LEVEE
1610	901444.22	576733.75	991.74	0.63	2.08	989.66	TOE LEVEE
1611	901442.69	576739.12	990.71	0.63	2.08	988.63	GRD
1612	901440.60	576751.02	990.45	0.63	2.08	988.38	GRD
1613	901436.81	576768.12	990.64	0.63	2.08	988.56	GRD
1614	901432.53	576787.15	990.57	0.63	2.08	988.49	GRD
1615	901429.34	576803.28	989.75	0.63	2.08	987.67	GRD
1616	901427.35	576812.24	990.12	0.63	2.08	988.05	GRD
1617	901427.07	576814.87	989.35	0.63	2.08	987.27	GRD
1618	901426.72	576817.10	990.16	0.63	2.08	988.08	GRD
1619	901424.20	576825.87	989.87	0.63	2.08	987.79	GRD
1620	901424.50	576828.10	990.46	0.63	2.08	988.38	GRD
1621	901423.29	576831.82	990.30	0.63	2.08	988.22	GRD
1622	901420.01	576848.08	990.52	0.63	2.08	988.44	GRD
1623	901416.34	576866.55	990.24	0.63	2.08	988.16	GRD
1624	901416.12	576868.52	989.00	0.63	2.08	986.92	GRD
1625	901414.50	576874.22	989.17	0.63	2.08	987.09	GRD
1626	901414.30	576877.08	989.99	0.63	2.08	987.91	GRD
1627	901413.03	576882.00	990.11	0.63	2.08	988.03	GRD
1628	901412.62	576884.04	989.08	0.63	2.08	987.00	GRD
1629	901410.84	576891.32	989.21	0.63	2.08	987.13	GRD
1630	901410.96	576893.15	989.71	0.63	2.08	987.63	GRD
1631	901406.65	576908.99	989.57	0.63	2.08	987.49	GRD
1632	901406.10	576913.89	988.74	0.63	2.08	986.66	GRD
1633	901405.09	576917.23	989.22	0.63	2.08	987.14	GRD
1634	901403.80	576924.55	989.37	0.63	2.08	987.29	GRD
1635	901402.65	576928.00	988.92	0.63	2.08	986.84	GRD
1636	901401.97	576933.79	989.93	0.63	2.08	987.85	GRD
1637	901398.84	576949.27	989.69	0.63	2.08	987.62	GRD
1638	901398.03	576951.91	988.56	0.63	2.08	986.48	GRD
1639	901396.99	576955.87	988.51	0.63	2.08	986.43	GRD

Name	Northing (NAD83)	Easting (NAD 83)	Elevation (NGVD88)	conv (m)	conv (ft)	Elevation (NGVD29)	Description
1640	901396.28	576960.18	989.39	0.63	2.08	987.31	GRD
1641	901392.85	576978.02	989.28	0.63	2.08	987.20	GRD
1642	901392.02	576980.80	988.53	0.63	2.08	986.46	GRD
1643	901390.00	576990.37	988.36	0.63	2.08	986.28	GRD
1644	901389.60	576993.78	988.86	0.63	2.08	986.78	GRD
1645	901388.13	576998.98	988.15	0.63	2.08	986.07	GRD
1646	901386.28	577008.04	988.65	0.63	2.08	986.57	GRD
1647	901385.79	577009.99	989.27	0.63	2.08	987.19	GRD
1648	901383.05	577025.07	989.52	0.63	2.08	987.44	GRD
1649	901382.40	577026.79	988.81	0.63	2.08	986.73	GRD
1650	901380.66	577033.22	988.85	0.63	2.08	986.77	GRD
1651	901380.31	577037.67	989.32	0.63	2.08	987.24	GRD
1652	901379.38	577041.10	988.60	0.63	2.08	986.53	GRD
1653	901378.51	577046.19	989.12	0.63	2.08	987.04	GRD
1654	901376.74	577052.31	989.36	0.63	2.08	987.28	GRD
1655	901375.78	577058.42	989.93	0.63	2.08	987.86	GRD
1656	901373.68	577068.14	989.77	0.63	2.08	987.70	GRD
1657	901370.10	577081.74	989.50	0.63	2.08	987.43	GRD
1658	901369.71	577085.42	988.47	0.63	2.08	986.39	GRD
1659	901368.96	577090.82	988.69	0.63	2.08	986.62	GRD
1660	901368.33	577094.54	989.05	0.63	2.08	986.97	GRD
1661	901366.60	577101.22	988.01	0.63	2.08	985.93	GRD
1662	901364.68	577110.36	989.50	0.63	2.08	987.43	GRD
1663	901363.43	577114.92	988.84	0.63	2.08	986.77	GRD
1664	901361.39	577127.00	989.25	0.63	2.08	987.17	GRD
1665	901360.64	577128.76	989.96	0.63	2.08	987.88	GRD
1666	901357.01	577144.70	990.35	0.63	2.08	988.27	GRD
1667	901356.91	577147.27	989.44	0.63	2.08	987.36	GRD
1668	901355.44	577155.11	989.82	0.63	2.08	987.74	GRD
1669	901354.30	577158.02	989.52	0.63	2.08	987.44	GRD
1670	901353.83	577161.25	989.00	0.63	2.08	986.92	GRD
1671	901353.30	577164.31	989.10	0.63	2.08	987.03	GRD
1672	901352.85	577166.30	989.58	0.63	2.08	987.50	GRD
1673	901351.80	577171.11	989.10	0.63	2.08	987.03	GRD
1674	901350.63	577177.82	989.98	0.63	2.08	987.90	GRD
1675	901348.84	577185.33	989.78	0.63	2.08	987.70	GRD
1676	901347.73	577189.97	988.65	0.63	2.08	986.57	GRD
1677	901346.02	577197.89	989.16	0.63	2.08	987.08	GRD
1678	901344.63	577202.48	989.57	0.63	2.08	987.49	GRD
1679	901344.18	577207.47	989.19	0.63	2.08	987.12	GRD
1680	901343.63	577211.25	988.19	0.63	2.08	986.11	GRD
1681	901343.04	577214.08	988.50	0.63	2.08	986.42	GRD
1682	901342.35	577216.30	989.57	0.63	2.08	987.49	GRD
1683	901340.29	577224.52	990.07	0.63	2.08	988.00	GRD
1684	901337.98	577236.04	989.08	0.63	2.08	987.01	GRD
1685	901336.14	577243.36	989.48	0.63	2.08	987.40	GRD
1686	901335.11	577248.60	988.63	0.63	2.08	986.56	GRD
1687	901334.36	577252.64	989.46	0.63	2.08	987.39	GRD
1688	901332.09	577263.37	990.10	0.63	2.08	988.03	GRD
1689	901328.87	577280.62	989.99	0.63	2.08	987.92	GRD
1690	901325.34	577294.95	988.96	0.63	2.08	986.88	GRD
1691	901324.43	577298.10	987.75	0.63	2.08	985.67	GRD
1692	901323.10	577306.78	987.41	0.63	2.08	985.33	GRD
1693	901322.00	577310.52	988.06	0.63	2.08	985.98	GRD
1694	901321.60	577313.92	989.28	0.63	2.08	987.20	GRD
1695	901318.98	577326.35	988.97	0.63	2.08	986.90	GRD
1696	901317.08	577333.72	987.50	0.63	2.08	985.42	GRD
1697	901316.34	577338.79	989.00	0.63	2.08	986.92	GRD
1698	901313.91	577351.16	989.34	0.63	2.08	987.26	GRD
1699	901310.08	577366.87	988.82	0.63	2.08	986.74	GRD
1700	901306.86	577384.50	988.83	0.63	2.08	986.75	GRD
1701	901305.33	577389.11	987.61	0.63	2.08	985.53	GRD
1702	901301.88	577405.72	987.89	0.63	2.08	985.81	GRD
1703	901301.19	577410.60	989.33	0.63	2.08	987.26	GRD
1704	901298.64	577423.04	989.06	0.63	2.08	986.99	GRD
1705	901297.86	577427.08	987.98	0.63	2.08	985.91	GRD
1706	901296.78	577429.97	987.67	0.63	2.08	985.60	GRD

Name	Northing (NAD83)	Easting (NAD 83)	Elevation (NGVD88)	conv (m)	conv (ft)	Elevation (NGVD29)	Description
1707	901296.01	577432.93	986.84	0.63	2.08	984.76	GRD
1708	901295.11	577437.95	987.08	0.63	2.08	985.00	GRD
1709	901292.48	577448.08	988.88	0.63	2.08	986.80	GRD
1710	901292.13	577452.86	987.75	0.63	2.08	985.67	GRD
1711	901291.40	577456.20	987.71	0.63	2.08	985.63	GRD
1712	901290.70	577458.97	988.01	0.63	2.08	985.94	GRD
1713	901286.86	577478.81	988.99	0.63	2.08	986.92	GRD
1714	901282.43	577497.08	989.34	0.63	2.08	987.26	GRD
1715	901278.66	577515.05	989.92	0.63	2.08	987.84	GRD
1716	901274.88	577534.21	989.70	0.63	2.08	987.62	GRD
1717	901271.87	577549.11	989.58	0.63	2.08	987.50	GRD
1718	901270.47	577554.40	987.93	0.63	2.08	985.86	GRD
1719	901269.77	577558.60	987.72	0.63	2.08	985.64	GRD
1720	901268.12	577567.20	987.56	0.63	2.08	985.49	GRD
1721	901266.45	577573.88	988.57	0.63	2.08	986.49	GRD
1722	901262.65	577591.46	989.34	0.63	2.08	987.26	GRD
1723	901260.11	577603.12	989.28	0.63	2.08	987.20	GRD
1724	901257.90	577613.03	988.47	0.63	2.08	986.39	GRD
1725	901257.29	577616.89	988.88	0.63	2.08	986.80	GRD
1726	901255.24	577625.67	988.47	0.63	2.08	986.39	GRD
1727	901253.85	577631.06	988.38	0.63	2.08	986.30	GRD
1728	901253.27	577639.13	989.05	0.63	2.08	986.98	GRD
1729	901252.30	577642.86	989.89	0.63	2.08	987.81	GRD
1730	901250.19	577653.92	989.56	0.63	2.08	987.48	GRD
1731	901248.60	577659.01	988.20	0.63	2.08	986.12	GRD
1732	901247.82	577663.89	989.09	0.63	2.08	987.01	GRD
1733	901243.73	577680.61	989.58	0.63	2.08	987.51	GRD
1734	901242.57	577685.33	988.78	0.63	2.08	986.70	GRD
1735	901240.82	577692.68	989.58	0.63	2.08	987.50	GRD
1736	901240.02	577697.99	988.49	0.63	2.08	986.41	GRD
1737	901238.99	577702.14	988.25	0.63	2.08	986.18	GRD
1738	901238.14	577705.95	988.85	0.63	2.08	986.77	GRD
1739	901236.05	577714.85	989.70	0.63	2.08	987.62	GRD
1740	901235.04	577724.41	989.89	0.63	2.08	987.81	GRD
1741	901234.46	577725.68	988.29	0.63	2.08	986.21	GRD
1742	901232.87	577733.12	988.39	0.63	2.08	986.31	GRD
1743	901232.33	577734.55	989.81	0.63	2.08	987.73	GRD
1744	901230.04	577746.13	990.38	0.63	2.08	988.31	GRD
1745	901226.38	577762.86	990.61	0.63	2.08	988.54	GRD
1746	901222.78	577780.19	991.00	0.63	2.08	988.92	GRD
1747	901219.26	577796.98	991.02	0.63	2.08	988.94	GRD
1748	901216.88	577808.18	991.16	0.63	2.08	989.09	GRD
1749	901216.31	577810.03	991.54	0.63	2.08	989.46	TOE LEVEE
1750	901245.98	577816.03	991.39	0.63	2.08	989.31	TOE LEVEE
1751	901246.54	577812.93	990.83	0.63	2.08	988.76	GRD
1752	901247.86	577806.71	990.69	0.63	2.08	988.61	TOP CNC GCS
1753	901251.08	577791.51	990.79	0.63	2.08	988.71	TOP CNC GCS
1754	901255.06	577772.60	990.76	0.63	2.08	988.68	TOP CNC GCS
1755	901259.11	577753.40	990.72	0.63	2.08	988.64	TOP CNC GCS
1756	901263.39	577733.08	990.81	0.63	2.08	988.73	TOP CNC GCS
1757	901267.59	577713.61	990.92	0.63	2.08	988.85	TOP CNC GCS
1758	901271.60	577693.89	991.01	0.63	2.08	988.93	TOP CNC GCS
1759	901275.95	577674.52	991.07	0.63	2.08	988.99	TOP CNC GCS
1760	901279.96	577654.84	991.03	0.63	2.08	988.96	TOP CNC GCS
1761	901284.13	577635.22	991.08	0.63	2.08	989.00	TOP CNC GCS
1762	901288.21	577615.79	991.08	0.63	2.08	989.01	TOP CNC GCS
1763	901292.52	577596.17	991.00	0.63	2.08	988.92	TOP CNC GCS
1764	901296.19	577578.74	990.81	0.63	2.08	988.74	TOP CNC GCS
1765	901298.80	577565.56	990.55	0.63	2.08	988.47	TOP CNC GCS
1766	901301.53	577553.26	990.81	0.63	2.08	988.74	TOP CNC GCS
1767	901304.80	577537.60	990.93	0.63	2.08	988.85	TOP CNC GCS
1768	901309.01	577517.87	990.97	0.63	2.08	988.89	TOP CNC GCS
1769	901313.08	577498.19	990.97	0.63	2.08	988.89	TOP CNC GCS
1770	901317.21	577478.70	990.88	0.63	2.08	988.80	TOP CNC GCS
1771	901321.49	577458.69	990.52	0.63	2.08	988.44	TOP CNC GCS
1772	901325.54	577439.22	990.50	0.63	2.08	988.43	TOP CNC GCS
1773	901329.66	577419.85	990.54	0.63	2.08	988.46	TOP CNC GCS

Name	Northing (NAD83)	Easting (NAD 83)	Elevation (NGVD88)	conv (m)	conv (ft)	Elevation (NGVD29)	Description
1774	901333.85	577400.37	990.75	0.63	2.08	988.67	TOP CNC GCS
1775	901337.91	577380.86	990.87	0.63	2.08	988.79	TOP CNC GCS
1776	901341.97	577361.34	991.04	0.63	2.08	988.97	TOP CNC GCS
1777	901346.20	577341.75	991.05	0.63	2.08	988.97	TOP CNC GCS
1778	901350.37	577322.26	990.88	0.63	2.08	988.80	TOP CNC GCS
1779	901354.56	577302.55	990.80	0.63	2.08	988.72	TOP CNC GCS
1780	901358.65	577282.97	990.88	0.63	2.08	988.80	TOP CNC GCS
1781	901362.80	577263.44	991.00	0.63	2.08	988.92	TOP CNC GCS
1782	901367.03	577243.72	990.92	0.63	2.08	988.85	TOP CNC GCS
1783	901371.08	577224.19	990.84	0.63	2.08	988.76	TOP CNC GCS
1784	901375.27	577204.57	990.88	0.63	2.08	988.81	TOP CNC GCS
1785	901379.39	577185.06	990.88	0.63	2.08	988.80	TOP CNC GCS
1786	901383.48	577165.56	990.98	0.63	2.08	988.90	TOP CNC GCS
1787	901387.71	577145.53	991.04	0.63	2.08	988.96	TOP CNC GCS
1788	901391.67	577126.09	990.99	0.63	2.08	988.91	TOP CNC GCS
1789	901395.93	577106.79	990.90	0.63	2.08	988.82	TOP CNC GCS
1790	901400.06	577086.78	990.84	0.63	2.08	988.77	TOP CNC GCS
1791	901404.34	577067.69	990.91	0.63	2.08	988.83	TOP CNC GCS
1792	901408.27	577048.22	990.90	0.63	2.08	988.82	TOP CNC GCS
1793	901412.40	577028.48	990.86	0.63	2.08	988.78	TOP CNC GCS
1794	901416.61	577008.42	990.70	0.63	2.08	988.62	TOP CNC GCS
1795	901420.85	576989.36	990.61	0.63	2.08	988.54	TOP CNC GCS
1796	901424.92	576969.88	990.70	0.63	2.08	988.62	TOP CNC GCS
1797	901428.93	576950.40	990.85	0.63	2.08	988.77	TOP CNC GCS
1798	901433.15	576930.75	990.95	0.63	2.08	988.87	TOP CNC GCS
1799	901437.26	576911.18	991.00	0.63	2.08	988.92	TOP CNC GCS
1800	901441.30	576891.72	990.98	0.63	2.08	988.91	TOP CNC GCS
1801	901445.56	576872.03	990.89	0.63	2.08	988.81	TOP CNC GCS
1802	901449.52	576852.50	990.86	0.63	2.08	988.78	TOP CNC GCS
1803	901453.84	576832.96	990.85	0.63	2.08	988.77	TOP CNC GCS
1804	901458.00	576813.29	990.75	0.63	2.08	988.68	TOP CNC GCS
1805	901462.02	576793.86	990.72	0.63	2.08	988.64	TOP CNC GCS
1806	901466.37	576774.26	990.57	0.63	2.08	988.49	TOP CNC GCS
1807	901470.32	576755.06	990.51	0.63	2.08	988.43	TOP CNC GCS
1808	901472.18	576746.15	990.77	0.63	2.08	988.69	TOP CNC GCS
1809	901473.36	576740.24	991.67	0.63	2.08	989.60	TOE LEVEE
1810	907434.23	579332.17	1017.75	0.63	2.08	1015.67	TOP LEVEE
1811	907442.27	579322.66	1004.30	0.63	2.08	1002.22	TOE LEVEE
1812	907445.88	579318.48	1004.38	0.63	2.08	1002.31	GRD
1813	907449.02	579315.62	1002.60	0.63	2.08	1000.52	GRD
1814	907450.40	579313.01	1003.25	0.63	2.08	1001.18	GRD
1815	907452.02	579311.18	1003.00	0.63	2.08	1000.92	GRD
1816	907456.28	579306.20	1003.96	0.63	2.08	1001.88	GRD
1817	907466.43	579293.95	1004.54	0.63	2.08	1002.46	GRD
1818	907479.34	579278.72	1004.32	0.63	2.08	1002.24	GRD
1819	907492.08	579263.43	1004.20	0.63	2.08	1002.13	GRD
1820	907502.85	579250.47	1003.82	0.63	2.08	1001.75	GRD
1821	907508.96	579243.35	1010.10	0.63	2.08	1008.03	GRD
1822	907512.72	579238.30	1005.90	0.63	2.08	1003.82	GRD
1823	907516.21	579234.24	1005.33	0.63	2.08	1003.25	GRD
1824	907518.12	579232.33	1003.92	0.63	2.08	1001.84	GRD
1825	907531.06	579217.05	1003.87	0.63	2.08	1001.79	GRD
1826	907543.33	579202.42	1003.37	0.63	2.08	1001.30	GRD
1827	907549.03	579195.67	1003.01	0.63	2.08	1000.94	GRD
1828	907550.90	579193.21	1004.79	0.63	2.08	1002.71	GRD
1829	907560.19	579182.36	1010.85	0.63	2.08	1008.77	GRD
1830	907569.08	579171.91	1004.47	0.63	2.08	1002.39	GRD
1831	907582.03	579156.14	1004.19	0.63	2.08	1002.11	GRD
1832	907594.77	579140.93	1004.62	0.63	2.08	1002.55	GRD
1833	907604.81	579129.40	1005.60	0.63	2.08	1003.52	GRD
1834	907607.03	579126.38	1004.47	0.63	2.08	1002.39	GRD
1835	907620.71	579110.14	1004.70	0.63	2.08	1002.63	GRD
1836	907633.61	579094.95	1004.94	0.63	2.08	1002.86	GRD
1837	907763.63	577840.05	1004.14	0.63	2.08	1002.06	TOE LEVEE
1838	907762.93	577843.70	1003.56	0.63	2.08	1001.48	GRD
1839	907759.84	577859.58	1002.94	0.63	2.08	1000.87	GRD
1840	907757.78	577868.70	1003.44	0.63	2.08	1001.36	GRD

Name	Northing (NAD83)	Easting (NAD 83)	Elevation (NGVD88)	conv (m)	conv (ft)	Elevation (NGVD29)	Description
1841	907756.36	577876.53	1003.40	0.63	2.08	1001.32	GRD
1842	907752.70	577895.44	1003.28	0.63	2.08	1001.20	GRD
1843	907748.96	577915.07	1003.70	0.63	2.08	1001.62	GRD
1844	907745.27	577933.22	1003.85	0.63	2.08	1001.77	GRD
1845	907740.80	577954.91	1003.78	0.63	2.08	1001.70	GRD
1846	907737.38	577973.70	1003.86	0.63	2.08	1001.78	GRD
1847	907733.24	577993.76	1003.55	0.63	2.08	1001.47	GRD
1848	907729.53	578013.17	1003.54	0.63	2.08	1001.46	GRD
1849	907725.63	578032.83	1003.76	0.63	2.08	1001.69	GRD
1850	907721.75	578052.38	1003.94	0.63	2.08	1001.86	GRD
1851	907717.80	578072.14	1004.11	0.63	2.08	1002.03	GRD
1852	907713.97	578091.63	1004.20	0.63	2.08	1002.12	GRD
1853	907710.28	578111.70	1004.26	0.63	2.08	1002.18	GRD
1854	907706.04	578131.18	1004.34	0.63	2.08	1002.27	GRD
2001	908891.99	581176.41	1022.85	0.59	1.93	1020.92	TOP LEVEE CRS 10+00 E
2002	909870.61	581389.50	1023.07	0.59	1.92	1021.14	TOP LEVEE CRS 20+00 E
2003	910853.09	581614.02	1024.07	0.59	1.92	1022.15	TOP LEVEE CRS 30+00 E
2004	911841.33	581816.23	1026.81	0.58	1.92	1024.89	TOP LEVEE CRS 40+00 E
2005	912553.36	582353.61	1032.14	0.58	1.92	1030.22	TOP LEVEE CRN 10+75 E
2006	913503.28	582352.53	1032.78	0.58	1.91	1030.87	TOP LEVEE CRN 20+00 E
2007	914453.24	582693.87	1034.60	0.58	1.91	1032.69	TOP LEVEE CRN 30+00 E
2008	914918.02	583466.65	1038.29	0.58	1.91	1036.38	TOP LEVEE CRN 40+00 E
2009	915649.22	584182.39	1041.01	0.58	1.91	1039.10	TOP LEVEE CRN 50+00 E
2010	916395.16	584892.93	1043.72	0.58	1.90	1041.82	TOP LEVEE CRN 60+00 E
2011	917144.71	585601.54	1045.63	0.58	1.90	1043.72	TOP LEVEE CRN 70+00 E
2012	920064.63	587013.75	1053.71	0.58	1.89	1051.82	TOP LEVEE NR 65+00 E
2013	920756.36	587558.92	1055.51	0.58	1.89	1053.62	TOP LEVEE NR 75+00 E
2014	921548.53	588183.96	1056.62	0.57	1.88	1054.74	TOP LEVEE NR 85+00 E
2015	922514.39	588825.67	1059.81	0.57	1.88	1057.93	TOP LEVEE NR 95+00 E
2016	920132.84	586481.36	1052.41	0.58	1.89	1050.52	TOP LEVEE NR 65+00 W
2017	920937.01	587080.78	1054.99	0.58	1.89	1053.10	TOP LEVEE NR 75+00 W
2018	921723.21	587704.18	1056.38	0.57	1.88	1054.49	TOP LEVEE NR 85+00 W
2019	922519.08	588309.79	1058.40	0.57	1.88	1056.52	TOP LEVEE NR 95+00 W
2020	923489.79	588380.16	1067.02	0.57	1.87	1065.15	TOP LEVEE NR 105+00 W
2021	924490.16	588289.58	1069.42	0.57	1.87	1067.55	TOP LEVEE NR 115+00 W
2022	925390.43	588704.60	1069.50	0.57	1.87	1067.63	TOP LEVEE NR 125+00 W
2023	926178.69	589332.53	1071.06	0.57	1.86	1069.19	TOP LEVEE NR 135+00 W
2024	926974.93	589965.22	1073.47	0.57	1.86	1071.61	TOP LEVEE NR 145+00 W
2025	927817.16	590526.89	1075.52	0.57	1.85	1073.66	TOP LEVEE NR 155+00 W
2026	927669.84	590966.86	1075.80	0.57	1.85	1073.95	TOP LEVEE NR 155+00 E
2027	923515.61	588882.43	1066.98	0.57	1.87	1065.10	TOP LEVEE NR 105+00 E
2028	925242.73	589188.85	1070.06	0.57	1.87	1068.19	TOP LEVEE NR 125+00 E
2029	924516.48	588885.12	1068.22	0.57	1.87	1066.35	TOP LEVEE NR 115+00 E
2030	926057.35	589836.85	1071.80	0.57	1.86	1069.94	TOP LEVEE NR 135+00 E
2031	926854.09	590491.31	1074.53	0.57	1.86	1072.67	TOP LEVEE NR 145+00 E
2032	908897.76	581167.08	1014.16	0.59	1.93	1012.23	TOP LEVEE CRS 10+00 E
2033	908901.89	581160.86	1013.42	0.59	1.93	1011.49	GRD
2034	908911.24	581147.04	1012.17	0.59	1.93	1010.24	GRD
2035	908921.14	581133.25	1011.45	0.59	1.93	1009.52	GRD
2036	908927.49	581123.52	1011.40	0.59	1.93	1009.47	GRD
2037	908930.16	581119.47	1010.78	0.59	1.93	1008.85	GRD
2038	908936.71	581109.98	1010.71	0.59	1.93	1008.79	GRD
2039	908943.38	581100.60	1007.92	0.59	1.93	1006.00	GRD
2040	908949.40	581091.97	1007.07	0.59	1.93	1005.14	GRD
2041	908956.19	581081.68	1007.66	0.59	1.93	1005.73	GRD
2042	908962.94	581071.53	1001.97	0.59	1.93	1000.05	GRD
2043	908966.50	581066.65	1000.18	0.59	1.93	998.25	GRD
2044	908973.83	581056.18	999.90	0.59	1.93	997.98	GRD
2045	908985.61	581038.64	999.95	0.59	1.93	998.02	GRD
2046	908997.24	581021.85	999.94	0.59	1.93	998.02	GRD
2047	909008.44	581005.53	999.77	0.59	1.93	997.84	GRD
2048	909019.37	580989.56	999.98	0.59	1.93	998.05	GRD
2049	909030.49	580973.37	999.95	0.59	1.93	998.02	GRD
2050	909041.78	580956.80	999.79	0.59	1.93	997.86	GRD
2051	909053.17	580939.96	999.60	0.59	1.93	997.67	GRD
2052	909065.02	580922.73	999.64	0.59	1.93	997.72	GRD
2053	909873.10	581381.94	1015.68	0.59	1.92	1013.76	TOE LEVEE CRS 20+00 E

Name	Northing (NAD83)	Easting (NAD 83)	Elevation (NGVD88)	conv (m)	conv (ft)	Elevation (NGVD29)	Description
2054	909877.30	581368.96	1014.43	0.59	1.92	1012.50	GRD
2055	909882.98	581351.39	1014.22	0.59	1.92	1012.30	GRD
2056	909888.62	581334.40	1014.63	0.59	1.92	1012.71	GRD
2057	909890.72	581326.93	1014.02	0.59	1.92	1012.10	GRD
2058	909895.11	581313.26	1009.19	0.59	1.92	1007.27	GRD
2059	909899.28	581300.31	1005.19	0.59	1.92	1003.26	GRD
2060	909903.80	581287.02	1001.28	0.59	1.92	999.36	GRD
2061	909908.56	581271.78	999.13	0.59	1.92	997.21	GRD
2062	909915.42	581250.98	1000.01	0.59	1.92	998.09	GRD
2063	909921.73	581231.48	1001.06	0.59	1.92	999.14	GRD
2064	909927.85	581212.19	1001.53	0.59	1.92	999.61	GRD
2065	909934.02	581192.81	1002.05	0.59	1.92	1000.13	GRD
2066	909940.04	581174.28	1003.09	0.59	1.92	1001.17	GRD
2067	909946.14	581155.29	1002.92	0.59	1.92	1001.00	GRD
2068	909952.44	581136.03	1002.39	0.59	1.92	1000.47	GRD
2069	909958.50	581117.44	1001.29	0.59	1.92	999.37	GRD
2070	909960.25	581111.90	999.76	0.59	1.92	997.84	GRD
2071	909962.50	581105.33	999.48	0.59	1.92	997.56	GRD
2072	909963.49	581102.16	1000.20	0.59	1.92	998.28	GRD
2073	909964.99	581097.59	1000.25	0.59	1.92	998.33	GRD
2074	910854.78	581605.64	1014.82	0.59	1.92	1012.90	TOE LEVEE CRS 30+00 E
2075	910855.73	581600.25	1014.48	0.59	1.92	1012.56	GRD
2076	910858.46	581587.53	1014.65	0.59	1.92	1012.73	GRD
2077	910860.94	581575.53	1014.57	0.59	1.92	1012.65	GRD
2078	910864.73	581558.56	1015.11	0.59	1.92	1013.19	GRD
2079	910866.89	581547.42	1013.16	0.59	1.92	1011.24	GRD
2080	910870.14	581533.53	1008.98	0.59	1.92	1007.06	GRD
2081	910871.74	581525.02	1006.17	0.59	1.92	1004.25	GRD
2082	910872.70	581520.87	1005.40	0.59	1.92	1003.48	GRD
2083	910875.51	581508.28	1000.79	0.59	1.92	998.87	GRD
2084	910878.91	581492.13	1001.19	0.59	1.92	999.27	GRD
2085	910882.22	581475.62	999.84	0.59	1.92	997.92	GRD
2086	910885.55	581460.58	997.81	0.59	1.92	995.89	GRD
2087	910887.48	581450.85	997.34	0.59	1.92	995.42	GRD
2088	910891.83	581431.09	997.45	0.59	1.92	995.53	GRD
2089	910895.94	581411.45	997.86	0.59	1.92	995.94	GRD
2090	910900.06	581392.16	997.94	0.59	1.92	996.02	GRD
2091	910904.52	581372.37	998.23	0.59	1.92	996.31	GRD
2092	910908.60	581352.77	999.07	0.59	1.92	997.15	GRD
2093	910912.85	581333.30	999.36	0.59	1.92	997.44	GRD
2094	910916.96	581313.48	999.77	0.59	1.92	997.85	GRD
2095	911844.73	581800.78	1010.77	0.58	1.92	1008.86	FC/LEVEE CRS 40+00 E
2096	911845.06	581797.68	1006.82	0.58	1.92	1004.91	TOE LEVEE
2097	911846.13	581791.40	1006.87	0.58	1.92	1004.95	GRD
2098	911847.71	581784.36	1009.15	0.58	1.92	1007.24	GRD
2099	911849.72	581775.52	1007.84	0.58	1.92	1005.92	GRD
2100	911851.31	581766.36	1009.12	0.58	1.92	1007.20	GRD
2101	911854.25	581753.47	1009.25	0.58	1.92	1007.33	GRD
2102	911856.80	581741.47	1009.53	0.58	1.92	1007.61	GRD
2103	911859.42	581728.53	1007.95	0.58	1.92	1006.03	GRD
2104	911861.34	581720.85	1007.93	0.58	1.92	1006.01	GRD
2105	911862.90	581713.03	1009.62	0.58	1.92	1007.70	GRD
2106	911865.56	581700.99	1010.31	0.58	1.92	1008.39	GRD
2107	911868.15	581687.75	1010.67	0.58	1.92	1008.76	GRD
2108	911871.77	581671.60	1009.93	0.58	1.92	1008.02	GRD
2109	911874.76	581657.61	1008.91	0.58	1.92	1006.99	GRD
2110	911877.87	581642.82	1008.94	0.58	1.92	1007.02	GRD
2111	911879.71	581633.01	1006.98	0.58	1.92	1005.07	GRD
2112	911883.65	581616.42	1007.42	0.58	1.92	1005.51	GRD
2113	911885.75	581607.64	1012.28	0.58	1.92	1010.36	GRD
2114	911889.62	581588.75	1015.90	0.58	1.92	1013.98	GRD
2115	911891.89	581577.99	1017.22	0.58	1.92	1015.31	GRD
2116	911895.70	581558.82	1017.27	0.58	1.92	1015.35	GRD
2117	911898.69	581545.42	1018.60	0.58	1.92	1016.69	GRD
2118	911901.97	581529.20	1018.75	0.58	1.92	1016.84	GRD
2119	911906.19	581509.28	1018.74	0.58	1.92	1016.83	GRD
2120	912553.46	582349.24	1028.56	0.58	1.92	1026.64	TOE LEVEE CRN 10+75 E

Name	Northing (NAD83)	Easting (NAD 83)	Elevation (NGVD88)	conv (m)	conv (ft)	Elevation (NGVD29)	Description
2121	912553.88	582329.52	1027.86	0.58	1.92	1025.94	GRD
2122	912554.18	582310.24	1026.73	0.58	1.92	1024.82	GRD
2123	912554.85	582289.80	1026.56	0.58	1.92	1024.64	GRD
2124	912555.64	582273.19	1026.38	0.58	1.92	1024.47	GRD
2125	912556.19	582251.97	1025.04	0.58	1.92	1023.13	GRD
2126	912557.04	582232.48	1024.99	0.58	1.92	1023.08	GRD
2127	912558.08	582221.30	1024.87	0.58	1.92	1022.95	GRD
2128	912557.87	582212.08	1024.15	0.58	1.92	1022.24	GRD
2129	912559.99	582190.06	1023.98	0.58	1.92	1022.06	GRD
2130	912558.06	582169.69	1023.96	0.58	1.92	1022.04	GRD
2131	912558.84	582150.66	1023.98	0.58	1.92	1022.07	GRD
2132	912559.49	582140.66	1023.41	0.58	1.92	1021.49	GRD
2133	912560.04	582123.14	1024.02	0.58	1.92	1022.11	GRD
2134	912560.99	582104.50	1024.40	0.58	1.92	1022.48	GRD
2135	912564.40	582086.00	1024.22	0.58	1.92	1022.31	GRD
2136	912568.68	582070.19	1024.12	0.58	1.92	1022.20	GRD
2137	912569.41	582048.75	1024.13	0.58	1.92	1022.21	GRD
2138	913503.15	582348.79	1030.23	0.58	1.91	1028.32	TOE LEVEE CRN 20+00E
2139	913502.59	582328.93	1029.55	0.58	1.91	1027.63	GRD
2140	913501.61	582309.28	1029.04	0.58	1.91	1027.13	GRD
2141	913501.04	582291.46	1028.61	0.58	1.91	1026.69	GRD
2142	913500.42	582274.38	1027.67	0.58	1.91	1025.76	GRD
2143	913499.91	582254.58	1027.19	0.58	1.91	1025.28	GRD
2144	913499.20	582234.96	1026.82	0.58	1.91	1024.91	GRD
2145	913498.42	582215.57	1026.80	0.58	1.91	1024.89	GRD
2146	913497.95	582204.42	1026.96	0.58	1.91	1025.05	GRD
2147	913497.16	582185.48	1026.61	0.58	1.91	1024.70	GRD
2148	913496.42	582169.04	1026.71	0.58	1.91	1024.79	GRD
2149	913495.95	582151.07	1028.04	0.58	1.91	1026.13	GRD
2150	913495.45	582138.40	1028.20	0.58	1.91	1026.29	GRD
2151	913495.50	582132.26	1027.72	0.58	1.91	1025.81	GRD
2152	913494.72	582112.19	1027.41	0.58	1.91	1025.50	GRD
2153	913493.71	582092.34	1027.66	0.58	1.91	1025.75	GRD
2154	913493.58	582073.14	1023.67	0.58	1.91	1021.76	GRD
2155	913492.90	582061.44	1021.89	0.58	1.91	1019.98	GRD
2156	913492.49	582048.78	1021.21	0.58	1.91	1019.30	GRD
2157	914456.02	582691.38	1031.24	0.58	1.91	1029.33	TOE LEVEE CRN 30+00 E
2158	914470.78	582677.54	1031.33	0.58	1.91	1029.42	GRD
2159	914484.97	582664.27	1031.01	0.58	1.91	1029.10	GRD
2160	914499.52	582650.48	1030.69	0.58	1.91	1028.78	GRD
2161	914514.42	582636.36	1030.41	0.58	1.91	1028.50	GRD
2162	914529.63	582622.10	1029.88	0.58	1.91	1027.97	GRD
2163	914543.38	582609.34	1029.40	0.58	1.91	1027.49	GRD
2164	914558.14	582595.41	1029.08	0.58	1.91	1027.17	GRD
2165	914572.58	582581.73	1029.06	0.58	1.91	1027.15	GRD
2166	914587.18	582568.12	1029.29	0.58	1.91	1027.38	GRD
2167	914602.08	582554.11	1029.41	0.58	1.91	1027.50	GRD
2168	914616.63	582540.83	1029.20	0.58	1.91	1027.29	GRD
2169	914630.96	582527.08	1029.17	0.58	1.91	1027.26	GRD
2170	914645.39	582513.59	1029.21	0.58	1.91	1027.30	GRD
2171	914660.38	582499.56	1029.40	0.58	1.91	1027.49	GRD
2172	914674.83	582485.89	1029.43	0.58	1.91	1027.52	GRD
2173	914923.94	583462.60	1032.85	0.58	1.91	1030.94	TOE LEVEE CRN 40+00 E
2174	914940.02	583451.51	1033.22	0.58	1.91	1031.31	GRD
2175	914956.41	583440.41	1032.53	0.58	1.91	1030.62	GRD
2176	914973.50	583428.57	1032.06	0.58	1.91	1030.15	GRD
2177	914990.00	583417.30	1031.76	0.58	1.91	1029.85	GRD
2178	915006.55	583406.41	1031.91	0.58	1.91	1030.00	GRD
2179	915023.13	583394.58	1031.73	0.58	1.91	1029.82	GRD
2180	915039.82	583383.51	1031.58	0.58	1.91	1029.67	GRD
2181	915055.94	583372.23	1031.31	0.58	1.91	1029.40	GRD
2182	915072.81	583360.95	1030.88	0.58	1.91	1028.97	GRD
2183	915089.20	583349.78	1030.73	0.58	1.91	1028.82	GRD
2184	915105.90	583337.92	1030.04	0.58	1.91	1028.13	GRD
2185	915122.08	583327.17	1029.43	0.58	1.91	1027.52	GRD
2186	915138.41	583315.73	1028.91	0.58	1.91	1027.00	GRD
2187	915155.02	583304.65	1028.41	0.58	1.91	1026.50	GRD

Name	Northing (NAD83)	Easting (NAD 83)	Elevation (NGVD88)	conv (m)	conv (ft)	Elevation (NGVD29)	Description
2188	915171.93	583293.39	1028.10	0.58	1.91	1026.19	GRD
2189	915653.72	584177.81	1034.78	0.58	1.91	1032.88	TOP LEVEE CRN 50+00 E
2190	915667.68	584163.58	1034.07	0.58	1.91	1032.16	GRD
2191	915681.58	584149.39	1033.48	0.58	1.91	1031.58	GRD
2192	915695.54	584135.13	1033.29	0.58	1.91	1031.39	GRD
2193	915709.70	584120.56	1033.13	0.58	1.91	1031.22	GRD
2194	915723.92	584106.27	1033.01	0.58	1.91	1031.10	GRD
2195	915737.25	584092.41	1032.80	0.58	1.91	1030.90	GRD
2196	915751.48	584077.84	1032.31	0.58	1.91	1030.40	GRD
2197	915765.44	584063.71	1031.85	0.58	1.91	1029.94	GRD
2198	915779.91	584049.46	1031.23	0.58	1.91	1029.32	GRD
2199	915793.63	584035.02	1030.95	0.58	1.91	1029.04	GRD
2200	915807.72	584020.68	1030.66	0.58	1.91	1028.76	GRD
2201	915821.87	584006.50	1030.42	0.58	1.91	1028.51	GRD
2202	915835.77	583992.33	1030.15	0.58	1.91	1028.24	GRD
2203	915849.85	583978.03	1029.75	0.58	1.91	1027.85	GRD
2204	915863.96	583963.59	1029.38	0.58	1.91	1027.47	GRD
2205	916400.27	584887.22	1037.73	0.58	1.90	1035.83	TOE LEVEE CRN 60+00 E
2206	916413.60	584872.23	1036.94	0.58	1.90	1035.04	GRD
2207	916426.98	584857.45	1036.79	0.58	1.90	1034.89	GRD
2208	916440.33	584842.61	1036.46	0.58	1.90	1034.56	GRD
2209	916453.53	584827.57	1035.97	0.58	1.90	1034.07	GRD
2210	916466.88	584812.80	1036.10	0.58	1.90	1034.20	GRD
2211	916480.14	584798.12	1035.79	0.58	1.90	1033.89	GRD
2212	916493.38	584783.15	1035.08	0.58	1.90	1033.18	GRD
2213	916507.11	584768.02	1035.04	0.58	1.90	1033.14	GRD
2214	916520.45	584752.99	1035.11	0.58	1.90	1033.21	GRD
2215	916533.24	584738.37	1035.43	0.58	1.90	1033.53	GRD
2216	916546.82	584723.57	1034.54	0.58	1.90	1032.64	GRD
2217	916560.38	584708.71	1034.09	0.58	1.90	1032.19	GRD
2218	916573.46	584693.79	1032.69	0.58	1.90	1030.79	GRD
2219	916587.15	584678.57	1032.71	0.58	1.90	1030.80	GRD
2220	916600.46	584663.67	1032.34	0.58	1.90	1030.44	GRD
2221	917148.21	585597.90	1040.75	0.58	1.90	1038.85	TOE LEVEE CRN 70+00 E
2222	917161.98	585583.51	1040.87	0.58	1.90	1038.97	GRD
2223	917175.82	585569.13	1041.08	0.58	1.90	1039.18	GRD
2224	917189.59	585554.79	1040.93	0.58	1.90	1039.03	GRD
2225	917203.71	585540.39	1040.62	0.58	1.90	1038.71	GRD
2226	917217.36	585525.82	1040.97	0.58	1.90	1039.07	GRD
2227	917231.23	585511.45	1041.42	0.58	1.90	1039.52	GRD
2228	917245.01	585496.97	1041.81	0.58	1.90	1039.91	GRD
2229	917258.78	585482.80	1040.64	0.58	1.90	1038.74	GRD
2230	917272.95	585468.05	1040.07	0.58	1.90	1038.17	GRD
2231	917286.97	585453.34	1040.00	0.58	1.90	1038.10	GRD
2232	917300.63	585438.99	1040.79	0.58	1.90	1038.89	GRD
2233	917314.23	585424.86	1040.58	0.58	1.90	1038.68	GRD
2234	917327.95	585410.34	1040.55	0.58	1.90	1038.65	GRD
2235	917342.10	585396.21	1040.48	0.58	1.90	1038.58	GRD
2236	917349.27	585388.54	1040.80	0.58	1.90	1038.90	GRD
2237	917353.13	585384.32	1042.19	0.58	1.90	1040.29	GRD
2238	917356.92	585380.37	1044.84	0.58	1.90	1042.94	GRD
2239	917367.48	585369.40	1049.07	0.58	1.90	1047.17	GRD
2240	922512.11	588323.08	1043.85	0.57	1.88	1041.97	TOE LEVEE NR 95+00 W
2241	922505.17	588337.55	1043.40	0.57	1.88	1041.52	GRD
2242	922496.30	588354.24	1043.35	0.57	1.88	1041.47	GRD
2243	922486.97	588372.58	1043.30	0.57	1.88	1041.42	GRD
2244	922482.87	588380.62	1043.81	0.57	1.88	1041.93	GRD
2245	922477.26	588391.49	1043.76	0.57	1.88	1041.88	GRD
2246	922468.66	588408.07	1043.60	0.57	1.88	1041.72	GRD
2247	922459.66	588426.05	1043.77	0.57	1.88	1041.89	GRD
2248	922450.52	588443.87	1044.04	0.57	1.88	1042.16	GRD
2249	922441.52	588462.52	1044.23	0.57	1.88	1042.35	GRD
2250	922432.28	588479.18	1044.25	0.57	1.88	1042.37	GRD
2251	922423.72	588496.56	1044.34	0.57	1.88	1042.46	GRD
2252	922414.81	588513.61	1043.87	0.57	1.88	1041.99	GRD
2253	922409.74	588522.84	1043.44	0.57	1.88	1041.56	GRD
2254	922405.73	588531.15	1044.01	0.57	1.88	1042.13	GRD

Name	Northing (NAD83)	Easting (NAD 83)	Elevation (NGVD88)	conv (m)	conv (ft)	Elevation (NGVD29)	Description
2255	922395.40	588550.97	1043.85	0.57	1.88	1041.97	GRD
2256	922386.84	588567.89	1044.29	0.57	1.88	1042.41	GRD
2257	922377.50	588586.38	1044.26	0.57	1.88	1042.38	GRD
2258	922519.00	588811.40	1044.44	0.57	1.88	1042.56	TOE LEVEE NR 95+00 E
2259	922523.55	588796.71	1044.13	0.57	1.88	1042.25	GRD
2260	922529.35	588778.41	1044.38	0.57	1.88	1042.50	GRD
2261	922534.78	588760.82	1044.77	0.57	1.88	1042.89	GRD
2262	922541.70	588739.21	1044.32	0.57	1.88	1042.44	GRD
2263	922547.52	588719.79	1044.45	0.57	1.88	1042.57	GRD
2264	922553.72	588700.24	1044.42	0.57	1.88	1042.54	GRD
2265	922561.42	588675.66	1044.50	0.57	1.88	1042.62	GRD
2266	922563.91	588664.39	1050.40	0.57	1.88	1048.52	GRD
2267	922566.49	588659.50	1048.56	0.57	1.88	1046.68	GRD
2268	922571.78	588643.34	1047.61	0.57	1.88	1045.73	GRD
2269	922578.49	588624.07	1047.06	0.57	1.88	1045.18	GRD
2270	922582.23	588610.60	1046.39	0.57	1.88	1044.51	GRD
2271	922584.46	588604.50	1045.40	0.57	1.88	1043.52	GRD
2272	922587.65	588591.86	1044.13	0.57	1.88	1042.25	GRD
2273	922592.08	588579.70	1044.13	0.57	1.88	1042.26	GRD
2274	922596.49	588565.36	1043.91	0.57	1.88	1042.03	GRD
2275	922601.65	588548.00	1044.34	0.57	1.88	1042.47	GRD
2276	922607.70	588529.09	1044.34	0.57	1.88	1042.47	GRD
2277	920075.94	586998.71	1035.60	0.58	1.89	1033.71	TOE LEVEE NR 65+00 E
2278	920085.07	586987.05	1035.40	0.58	1.89	1033.51	GRD
2279	920097.81	586970.86	1036.04	0.58	1.89	1034.15	GRD
2280	920110.23	586955.11	1035.50	0.58	1.89	1033.61	GRD
2281	920122.38	586939.15	1035.46	0.58	1.89	1033.57	GRD
2282	920134.65	586923.67	1035.54	0.58	1.89	1033.65	GRD
2283	920138.70	586918.38	1035.38	0.58	1.89	1033.49	GRD
2284	920141.49	586914.33	1034.77	0.58	1.89	1032.88	GRD
2285	920144.81	586910.14	1035.40	0.58	1.89	1033.51	GRD
2286	920152.15	586899.92	1039.71	0.58	1.89	1037.82	GRD
2287	920158.80	586892.97	1036.39	0.58	1.89	1034.50	GRD
2288	920164.81	586884.22	1037.82	0.58	1.89	1035.93	GRD
2289	920173.49	586873.29	1038.15	0.58	1.89	1036.26	GRD
2290	920175.30	586870.92	1036.70	0.58	1.89	1034.81	GRD
2291	920184.38	586860.05	1037.06	0.58	1.89	1035.17	GRD
2292	920195.90	586844.47	1037.68	0.58	1.89	1035.79	GRD
2293	920205.42	586832.84	1038.53	0.58	1.89	1036.64	GRD
2294	920208.16	586828.82	1039.22	0.58	1.89	1037.33	GRD
2295	920220.85	586812.85	1039.57	0.58	1.89	1037.68	GRD
2296	920229.26	586802.23	1040.37	0.58	1.89	1038.48	GRD
2297	920236.13	586793.37	1034.84	0.58	1.89	1032.95	GRD
2298	920244.86	586781.70	1034.13	0.58	1.89	1032.24	GRD
2299	920257.66	586765.76	1034.04	0.58	1.89	1032.15	GRD
2300	920123.99	586496.14	1035.82	0.58	1.89	1033.93	TOE LEVEE NR 65+00 W
2301	920115.51	586509.45	1034.95	0.58	1.89	1033.06	GRD
2302	920105.58	586525.80	1035.33	0.58	1.89	1033.44	GRD
2303	920094.14	586544.08	1034.90	0.58	1.89	1033.01	GRD
2304	920084.36	586560.66	1035.08	0.58	1.89	1033.19	GRD
2305	920078.88	586568.94	1035.05	0.58	1.89	1033.16	GRD
2306	920073.71	586576.86	1038.46	0.58	1.89	1036.57	GRD
2307	920071.64	586580.44	1037.51	0.58	1.89	1035.62	GRD
2308	920069.16	586584.07	1037.49	0.58	1.89	1035.60	GRD
2309	920065.47	586590.95	1040.59	0.58	1.89	1038.70	GRD
2310	920055.56	586606.29	1040.52	0.58	1.89	1038.63	GRD
2311	920052.25	586611.64	1038.36	0.58	1.89	1036.47	GRD
2312	920050.51	586614.78	1039.50	0.58	1.89	1037.61	GRD
2313	920047.93	586619.19	1037.42	0.58	1.89	1035.53	GRD
2314	920040.55	586631.34	1036.93	0.58	1.89	1035.04	GRD
2315	920037.07	586636.49	1035.83	0.58	1.89	1033.94	GRD
2316	920026.94	586652.76	1035.92	0.58	1.89	1034.03	GRD
2317	920024.13	586656.75	1037.63	0.58	1.89	1035.74	GRD
2318	920018.45	586666.36	1037.69	0.58	1.89	1035.80	GRD
2319	920015.79	586671.00	1038.26	0.58	1.89	1036.37	GRD
2320	920008.24	586682.80	1038.26	0.58	1.89	1036.37	GRD
2321	920000.20	586696.08	1038.59	0.58	1.89	1036.70	GRD

Name	Northing (NAD83)	Easting (NAD 83)	Elevation (NGVD88)	conv (m)	conv (ft)	Elevation (NGVD29)	Description
2322	919991.07	586710.09	1039.14	0.58	1.89	1037.25	GRD
2323	919984.12	586721.76	1038.80	0.58	1.89	1036.91	GRD
2324	919978.55	586730.11	1038.74	0.58	1.89	1036.85	GRD
2325	919972.70	586739.83	1039.20	0.58	1.89	1037.31	GRD
2326	919968.07	586748.29	1035.00	0.58	1.89	1033.11	GRD
2327	920766.49	587546.51	1039.17	0.58	1.89	1037.28	TOE LEVEE NR 75+00 E
2328	920769.85	587542.21	1038.40	0.58	1.89	1036.51	GRD
2329	920777.42	587532.72	1038.19	0.58	1.89	1036.30	GRD
2330	920786.22	587521.90	1038.73	0.58	1.89	1036.84	GRD
2331	920790.25	587517.22	1038.72	0.58	1.89	1036.83	GRD
2332	920793.68	587512.47	1037.96	0.58	1.89	1036.07	GRD
2333	920803.98	587499.56	1037.20	0.58	1.89	1035.31	GRD
2334	920814.59	587485.82	1036.46	0.58	1.89	1034.57	GRD
2335	920822.99	587476.08	1036.57	0.58	1.89	1034.68	GRD
2336	920828.43	587469.39	1035.24	0.58	1.89	1033.35	GRD
2337	920834.94	587461.53	1036.01	0.58	1.89	1034.13	GRD
2338	920834.09	587444.00	1036.04	0.58	1.89	1034.15	GRD
2339	920838.23	587438.08	1035.58	0.58	1.89	1033.70	GRD
2340	920839.30	587425.51	1038.15	0.58	1.89	1036.26	GRD
2341	920867.02	587421.07	1038.58	0.58	1.89	1036.70	GRD
2342	920877.76	587407.87	1039.07	0.58	1.89	1037.18	GRD
2343	920890.39	587369.84	1038.91	0.58	1.89	1037.02	GRD
2344	920896.14	587365.25	1036.79	0.58	1.89	1034.90	GRD
2345	920898.97	587363.13	1036.76	0.58	1.89	1034.87	GRD
2346	920914.69	587362.40	1033.81	0.58	1.89	1031.93	GRD
2347	920924.11	587350.65	1033.58	0.58	1.89	1031.69	GRD
2348	920933.86	587338.61	1032.97	0.58	1.89	1031.09	GRD
2349	920942.31	587328.80	1034.19	0.58	1.89	1032.30	GRD
2350	920947.30	587314.56	1033.87	0.58	1.89	1031.99	GRD
2351	920925.68	587094.93	1038.11	0.58	1.89	1036.22	TOE LEVEE NR 75+00 W
2352	920912.82	587111.77	1038.36	0.58	1.89	1036.47	GRD
2353	920906.02	587121.12	1044.78	0.58	1.89	1042.89	GRD
2354	920880.68	587152.09	1041.67	0.58	1.89	1039.79	GRD
2355	920886.14	587145.45	1039.46	0.58	1.89	1037.57	GRD
2356	920863.91	587171.57	1040.61	0.58	1.89	1038.72	GRD
2357	920857.29	587187.93	1039.88	0.58	1.89	1037.99	GRD
2358	920858.27	587194.53	1035.74	0.58	1.89	1033.86	GRD
2359	920860.42	587199.02	1035.55	0.58	1.89	1033.67	GRD
2360	920802.61	587248.34	1036.39	0.58	1.89	1034.51	GRD
2361	920810.54	587242.36	1037.35	0.58	1.89	1035.46	GRD
2362	920813.64	587238.31	1038.95	0.58	1.89	1037.06	GRD
2363	920823.41	587225.52	1037.40	0.58	1.89	1035.51	GRD
2364	920825.49	587207.35	1039.73	0.58	1.89	1037.84	GRD
2365	920830.72	587199.38	1039.27	0.58	1.89	1037.38	GRD
2366	920835.13	587183.10	1039.00	0.58	1.89	1037.11	GRD
2367	920791.27	587261.70	1037.36	0.58	1.89	1035.47	GRD
2368	920785.51	587277.73	1036.49	0.58	1.89	1034.60	GRD
2369	920770.18	587292.88	1036.48	0.58	1.89	1034.60	GRD
2370	920763.90	587298.79	1036.59	0.58	1.89	1034.70	GRD
2371	920757.65	587304.08	1035.42	0.58	1.89	1033.53	GRD
2372	920750.06	587312.47	1035.90	0.58	1.89	1034.01	GRD
2373	920742.58	587324.94	1035.81	0.58	1.89	1033.92	GRD
2374	921557.90	588170.49	1040.99	0.57	1.88	1039.10	TOE LEVEE NR 85+00 E
2375	921564.64	588163.34	1040.20	0.57	1.88	1038.31	GRD
2376	921577.18	588147.63	1040.88	0.57	1.88	1039.00	GRD
2377	921592.06	588129.46	1041.60	0.57	1.88	1039.72	GRD
2378	921605.19	588112.39	1041.47	0.57	1.88	1039.59	GRD
2379	921617.64	588097.05	1040.94	0.57	1.88	1039.06	GRD
2380	921627.75	588083.87	1041.44	0.57	1.88	1039.56	GRD
2381	921634.11	588076.00	1040.78	0.57	1.88	1038.90	GRD
2382	921644.69	588062.87	1040.99	0.57	1.88	1039.11	GRD
2383	921656.68	588047.94	1041.25	0.57	1.88	1039.36	GRD
2384	921669.86	588031.42	1041.37	0.57	1.88	1039.49	GRD
2385	921681.29	588017.32	1041.09	0.57	1.88	1039.21	GRD
2386	921693.48	588001.88	1041.39	0.57	1.88	1039.50	GRD
2387	921706.53	587984.76	1041.47	0.57	1.88	1039.58	GRD
2388	921722.57	587968.28	1041.81	0.57	1.88	1039.92	GRD

Name	Northing (NAD83)	Easting (NAD 83)	Elevation (NGVD88)	conv (m)	conv (ft)	Elevation (NGVD29)	Description
2389	921728.66	587957.18	1040.02	0.57	1.88	1038.13	GRD
2390	921731.76	587952.83	1039.41	0.57	1.88	1037.53	GRD
2391	921743.56	587938.72	1039.15	0.57	1.88	1037.26	GRD
2392	921714.65	587714.45	1042.97	0.57	1.88	1041.08	TOE LEVEE NR 85+00 W
2393	921710.82	587719.17	1041.78	0.57	1.88	1039.90	GRD
2394	921697.97	587735.72	1040.81	0.57	1.88	1038.93	GRD
2395	921691.67	587743.13	1039.24	0.57	1.88	1037.35	GRD
2396	921683.79	587753.44	1039.36	0.57	1.88	1037.48	GRD
2397	921676.87	587762.05	1038.97	0.57	1.88	1037.08	GRD
2398	921667.07	587773.52	1038.54	0.57	1.88	1036.65	GRD
2399	921659.86	587782.80	1040.73	0.57	1.88	1038.85	GRD
2400	921644.99	587800.81	1040.49	0.57	1.88	1038.61	GRD
2401	921634.44	587814.13	1040.70	0.57	1.88	1038.81	GRD
2402	921621.07	587831.56	1041.12	0.57	1.88	1039.23	GRD
2403	921606.58	587848.87	1040.50	0.57	1.88	1038.62	GRD
2404	921595.69	587862.75	1040.72	0.57	1.88	1038.84	GRD
2405	921582.45	587879.68	1040.56	0.57	1.88	1038.67	GRD
2406	921567.60	587897.67	1040.46	0.57	1.88	1038.58	GRD
2407	921561.83	587904.97	1040.90	0.57	1.88	1039.01	GRD
2408	921550.05	587919.08	1041.06	0.57	1.88	1039.17	GRD
2409	921534.96	587937.72	1041.06	0.57	1.88	1039.18	GRD
2410	921525.99	587949.81	1040.87	0.57	1.88	1038.99	GRD
2411	923443.93	588847.87	1049.54	0.57	1.87	1047.67	TOE ROAD
2412	923514.90	588871.60	1057.06	0.57	1.87	1055.18	TOE LEVEE
2413	923513.42	588857.18	1056.05	0.57	1.87	1054.18	E/ROAD
2414	923513.87	588855.45	1055.56	0.57	1.87	1053.69	TOP LEVEE
2415	923513.68	588848.89	1050.01	0.57	1.87	1048.14	TOE LEVEE
2416	923512.66	588839.86	1049.38	0.57	1.87	1047.51	GRD
2417	923512.15	588820.88	1049.33	0.57	1.87	1047.45	GRD
2418	923511.20	588799.32	1049.07	0.57	1.87	1047.20	GRD
2419	923509.81	588779.47	1049.24	0.57	1.87	1047.36	GRD
2420	923509.51	588763.11	1049.35	0.57	1.87	1047.47	GRD
2421	923500.38	588758.24	1050.78	0.57	1.87	1048.90	GRD
2422	923493.43	588397.30	1049.55	0.57	1.87	1047.67	TOE LEVEE NR 105+00 W
2423	923494.40	588406.32	1048.89	0.57	1.87	1047.02	GRD
2424	923496.97	588420.20	1049.35	0.57	1.87	1047.48	GRD
2425	923499.80	588434.98	1050.67	0.57	1.87	1048.80	GRD
2426	923501.76	588443.56	1049.20	0.57	1.87	1047.32	GRD
2427	923505.79	588466.58	1049.62	0.57	1.87	1047.74	GRD
2428	923509.35	588487.98	1049.64	0.57	1.87	1047.76	GRD
2429	923519.92	588501.05	1049.96	0.57	1.87	1048.09	GRD
2430	923516.81	588522.56	1049.94	0.57	1.87	1048.06	GRD
2431	923518.15	588529.54	1048.46	0.57	1.87	1046.58	GRD
2432	923520.40	588548.30	1048.23	0.57	1.87	1046.36	GRD
2433	923522.89	588552.78	1049.15	0.57	1.87	1047.28	GRD
2434	923522.96	588560.20	1050.36	0.57	1.87	1048.49	GRD
2435	923525.03	588573.80	1051.54	0.57	1.87	1049.67	GRD
2436	923530.28	588592.29	1051.56	0.57	1.87	1049.69	GRD
2437	923530.19	588608.52	1051.43	0.57	1.87	1049.55	GRD
2438	923538.26	588619.22	1051.15	0.57	1.87	1049.28	GRD
2439	923535.28	588630.46	1049.56	0.57	1.87	1047.69	GRD
2440	923537.68	588644.32	1049.87	0.57	1.87	1048.00	GRD
2441	923538.73	588659.50	1049.41	0.57	1.87	1047.54	GRD
2442	923540.04	588662.92	1047.43	0.57	1.87	1045.56	GRD
2443	923503.62	588676.26	1046.87	0.57	1.87	1044.99	GRD
2444	923505.39	588690.57	1046.85	0.57	1.87	1044.98	GRD
2445	923507.25	588696.62	1049.34	0.57	1.87	1047.46	GRD
2446	924517.92	588869.69	1051.86	0.57	1.87	1049.99	TOE LEVEE NR 115+00E
2447	924519.63	588850.53	1051.71	0.57	1.87	1049.83	GRD
2448	924521.69	588833.21	1051.50	0.57	1.87	1049.63	GRD
2449	924523.77	588812.76	1051.67	0.57	1.87	1049.80	GRD
2450	924524.90	588808.27	1051.48	0.57	1.87	1049.61	GRD
2451	924524.48	588805.10	1052.03	0.57	1.87	1050.16	GRD
2452	924525.26	588796.35	1051.69	0.57	1.87	1049.82	GRD
2453	924527.89	588776.47	1051.20	0.57	1.87	1049.33	GRD
2454	924529.84	588755.93	1051.27	0.57	1.87	1049.40	GRD
2455	924531.90	588735.80	1051.64	0.57	1.87	1049.77	GRD

Name	Northing (NAD83)	Easting (NAD 83)	Elevation (NGVD88)	conv (m)	conv (ft)	Elevation (NGVD29)	Description
2456	924534.00	588716.79	1051.40	0.57	1.87	1049.53	GRD
2457	924535.37	588704.41	1051.79	0.57	1.87	1049.92	GRD
2458	924536.57	588689.76	1051.26	0.57	1.87	1049.39	GRD
2459	924537.57	588681.90	1051.63	0.57	1.87	1049.75	GRD
2460	924538.12	588677.24	1051.13	0.57	1.87	1049.26	GRD
2461	924540.08	588657.46	1051.52	0.57	1.87	1049.65	GRD
2462	924542.01	588638.40	1051.69	0.57	1.87	1049.82	GRD
2463	924543.32	588621.68	1051.87	0.57	1.87	1050.00	GRD
2464	924544.92	588609.75	1051.94	0.57	1.87	1050.07	GRD
2465	924546.82	588593.79	1051.87	0.57	1.87	1050.00	GRD
2466	924548.44	588575.37	1051.79	0.57	1.87	1049.92	GRD
2467	924489.73	588307.80	1051.67	0.57	1.87	1049.80	TOE LEVEE NR 115+00W
2468	924489.84	588314.40	1051.15	0.57	1.87	1049.27	GRD
2469	924489.35	588331.75	1051.52	0.57	1.87	1049.65	GRD
2470	924488.99	588351.03	1052.03	0.57	1.87	1050.16	GRD
2471	924488.60	588371.43	1051.99	0.57	1.87	1050.12	GRD
2472	924488.14	588390.05	1051.99	0.57	1.87	1050.12	GRD
2473	924484.65	588411.45	1051.92	0.57	1.87	1050.04	GRD
2474	924487.50	588432.48	1051.70	0.57	1.87	1049.83	GRD
2475	924486.92	588450.18	1051.78	0.57	1.87	1049.91	GRD
2476	924486.79	588470.09	1051.87	0.57	1.87	1050.00	GRD
2477	924486.24	588490.36	1051.54	0.57	1.87	1049.67	GRD
2478	924485.73	588508.83	1051.84	0.57	1.87	1049.96	GRD
2479	924485.37	588527.92	1051.68	0.57	1.87	1049.81	GRD
2480	924485.29	588541.97	1051.44	0.57	1.87	1049.56	GRD
2481	924484.81	588557.92	1051.86	0.57	1.87	1049.99	GRD
2482	924484.23	588575.85	1051.52	0.57	1.87	1049.64	GRD
2483	924483.87	588603.04	1051.97	0.57	1.87	1050.09	GRD
2484	925379.56	588717.45	1054.48	0.57	1.87	1052.61	TOE LEVEE NR 125+00 W
2485	925376.95	588720.73	1053.41	0.57	1.87	1051.54	GRD
2486	925364.30	588735.64	1053.23	0.57	1.87	1051.36	GRD
2487	925350.34	588752.69	1053.40	0.57	1.87	1051.53	GRD
2488	925336.09	588769.22	1053.41	0.57	1.87	1051.54	GRD
2489	925322.23	588786.22	1053.57	0.57	1.87	1051.71	GRD
2490	925309.06	588802.15	1053.52	0.57	1.87	1051.65	GRD
2491	925295.28	588818.19	1053.30	0.57	1.87	1051.44	GRD
2492	925282.21	588834.07	1053.18	0.57	1.87	1051.32	GRD
2493	925275.35	588842.10	1052.95	0.57	1.87	1051.08	GRD
2494	925271.20	588847.86	1053.25	0.57	1.87	1051.39	GRD
2495	925259.27	588861.99	1053.22	0.57	1.87	1051.35	GRD
2496	925246.41	588876.92	1053.19	0.57	1.87	1051.32	GRD
2497	925232.29	588894.16	1053.05	0.57	1.87	1051.18	GRD
2498	925217.82	588911.46	1053.12	0.57	1.87	1051.26	GRD
2499	925203.04	588928.69	1053.05	0.57	1.87	1051.18	GRD
2500	925189.59	588945.01	1053.01	0.57	1.87	1051.14	GRD
2501	925252.86	589176.15	1053.91	0.57	1.87	1052.04	TOE LEVEE NR 125+00 E
2502	925261.79	589164.95	1053.20	0.57	1.87	1051.33	GRD
2503	925274.71	589149.39	1053.48	0.57	1.87	1051.62	GRD
2504	925289.13	589131.97	1053.59	0.57	1.87	1051.72	GRD
2505	925302.03	589116.27	1053.61	0.57	1.87	1051.74	GRD
2506	925315.44	589100.49	1053.56	0.57	1.87	1051.69	GRD
2507	925328.58	589084.74	1053.86	0.57	1.87	1052.00	GRD
2508	925338.65	589072.18	1053.39	0.57	1.87	1051.53	GRD
2509	925351.53	589056.84	1053.53	0.57	1.87	1051.67	GRD
2510	925360.15	589045.85	1053.33	0.57	1.87	1051.47	GRD
2511	925367.82	589037.43	1053.67	0.57	1.87	1051.81	GRD
2512	925380.20	589022.32	1053.86	0.57	1.87	1051.99	GRD
2513	925393.86	589006.41	1053.73	0.57	1.87	1051.87	GRD
2514	925403.41	588994.23	1054.04	0.57	1.87	1052.17	GRD
2515	925406.50	588990.14	1053.22	0.57	1.87	1051.35	GRD
2516	925416.47	588978.73	1053.56	0.57	1.87	1051.69	GRD
2517	925429.67	588962.46	1053.66	0.57	1.87	1051.79	GRD
2518	925441.79	588948.32	1053.74	0.57	1.87	1051.88	GRD
2519	927812.08	590542.05	1059.86	0.57	1.85	1058.00	TOE LEVEE NR 155+00 W
2520	927809.45	590548.84	1059.40	0.57	1.85	1057.54	GRD
2521	927803.95	590565.66	1059.46	0.57	1.85	1057.60	GRD
2522	927797.42	590584.79	1059.43	0.57	1.85	1057.58	GRD

Name	Northing (NAD83)	Easting (NAD 83)	Elevation (NGVD88)	conv (m)	conv (ft)	Elevation (NGVD29)	Description
2523	927790.49	590606.22	1059.65	0.57	1.85	1057.80	GRD
2524	927782.86	590627.43	1059.53	0.57	1.85	1057.67	GRD
2525	927775.54	590649.63	1059.54	0.57	1.85	1057.69	GRD
2526	927769.43	590667.23	1059.52	0.57	1.85	1057.67	GRD
2527	927765.72	590678.43	1059.85	0.57	1.85	1058.00	GRD
2528	927761.52	590688.60	1066.50	0.57	1.85	1064.64	GRD
2529	927757.79	590691.87	1067.24	0.57	1.85	1065.39	GRD
2530	927759.46	590705.79	1065.29	0.57	1.85	1063.44	GRD
2531	927753.97	590712.64	1063.16	0.57	1.85	1061.31	GRD
2532	927750.45	590721.95	1062.74	0.57	1.85	1060.89	GRD
2533	927747.10	590733.80	1061.73	0.57	1.85	1059.88	GRD
2534	927744.61	590740.66	1062.08	0.57	1.85	1060.22	GRD
2535	927742.51	590745.46	1063.73	0.57	1.85	1061.88	GRD
2536	927737.11	590760.23	1064.58	0.57	1.85	1062.73	GRD
2537	927734.63	590771.69	1064.56	0.57	1.85	1062.70	GRD
2538	927731.36	590779.41	1066.04	0.57	1.85	1064.19	GRD
2539	927729.82	590783.05	1065.45	0.57	1.85	1063.60	GRD
2540	927728.41	590788.93	1066.52	0.57	1.85	1064.67	GRD
2541	927725.04	590796.52	1066.08	0.57	1.85	1064.23	GRD
2542	927722.85	590804.76	1067.61	0.57	1.85	1065.75	GRD
2543	927720.43	590811.15	1066.97	0.57	1.85	1065.11	GRD
2544	927717.14	590821.58	1069.17	0.57	1.85	1067.31	GRD
2545	927715.16	590827.56	1068.50	0.57	1.85	1066.64	GRD
2546	927709.66	590843.47	1059.83	0.57	1.85	1057.98	GRD
2547	927703.09	590861.95	1059.76	0.57	1.85	1057.91	GRD
2548	927696.63	590880.97	1059.58	0.57	1.85	1057.72	GRD
2549	927689.88	590901.76	1059.72	0.57	1.85	1057.87	GRD
2550	927684.13	590918.12	1059.77	0.57	1.85	1057.91	GRD
2551	927678.31	590934.46	1059.87	0.57	1.85	1058.02	GRD
2552	927672.70	590951.61	1060.29	0.57	1.85	1058.43	TOE LEVEE NR 155+00 E
2553	926067.76	589823.91	1055.30	0.57	1.86	1053.44	TOE LEVEE NR 135+00 E
2554	926073.10	589817.35	1055.12	0.57	1.86	1053.25	GRD
2555	926080.33	589808.13	1055.39	0.57	1.86	1053.53	GRD
2556	926085.88	589801.39	1055.35	0.57	1.86	1053.49	GRD
2557	926095.09	589790.16	1062.54	0.57	1.86	1060.67	GRD
2558	926099.83	589787.48	1060.38	0.57	1.86	1058.52	GRD
2559	926104.05	589778.67	1060.94	0.57	1.86	1059.08	GRD
2560	926111.65	589768.79	1061.18	0.57	1.86	1059.31	GRD
2561	926119.14	589759.66	1060.69	0.57	1.86	1058.82	GRD
2562	926122.04	589755.62	1061.56	0.57	1.86	1059.79	GRD
2563	926126.04	589750.47	1060.14	0.57	1.86	1058.37	GRD
2564	926134.14	589740.66	1060.91	0.57	1.86	1059.04	GRD
2565	926145.50	589726.72	1060.79	0.57	1.86	1058.93	GRD
2566	926147.78	589722.70	1061.75	0.57	1.86	1059.88	GRD
2567	926153.51	589716.47	1061.63	0.57	1.86	1059.76	GRD
2568	926157.77	589710.90	1060.54	0.57	1.86	1058.68	GRD
2569	926169.64	589696.25	1060.68	0.57	1.86	1058.82	GRD
2570	926172.64	589692.79	1062.26	0.57	1.86	1060.40	GRD
2571	926179.69	589683.69	1055.82	0.57	1.86	1053.96	GRD
2572	926189.59	589670.54	1056.12	0.57	1.86	1054.26	GRD
2573	926200.55	589657.65	1055.76	0.57	1.86	1053.90	GRD
2574	926216.58	589638.66	1055.36	0.57	1.86	1053.50	GRD
2575	926218.10	589633.67	1053.06	0.57	1.86	1051.20	E/WTR
2576	926863.51	590482.82	1058.34	0.57	1.86	1056.48	TOE LEVEE NR 145+00 E
2577	926873.44	590477.39	1056.92	0.57	1.86	1055.06	GRD E/SWMP
2578	926168.26	589345.35	1055.67	0.57	1.86	1053.81	TOE LEVEE NR 135+00 W
2579	926156.01	589359.41	1055.22	0.57	1.86	1053.36	GRD
2580	926149.77	589367.95	1055.49	0.57	1.86	1053.63	GRD
2581	926147.59	589371.29	1053.37	0.57	1.86	1051.50	E/WTR
2582	926965.27	589977.64	1057.76	0.57	1.86	1055.91	TOE LEVEE NR 145+00 W
3000	928805.68	591067.80	1080.87	0.57	1.85	1079.01	TOP LEVEE NR 165+00 E
3001	929824.23	591007.94	1082.18	0.56	1.85	1080.33	TOP LEVEE NR 175+00 E
3002	930748.26	590954.72	1084.32	0.56	1.85	1082.47	TOP LEVEE NR 185+00 E
3003	931761.15	590961.52	1085.93	0.56	1.85	1084.08	TOP LEVEE NR 195+00 E
3004	932740.94	591158.10	1088.78	0.56	1.85	1086.93	TOP LEVEE NR 205+00 E
3005	933755.59	591603.21	1098.20	0.56	1.85	1096.35	TOP LEVEE NR 235+00 E
3006	934527.11	592241.08	1099.31	0.56	1.84	1097.47	TOP LEVEE NR 245+00 E

Name	Northing (NAD83)	Easting (NAD 83)	Elevation (NGVD88)	conv (m)	conv (ft)	Elevation (NGVD29)	Description
3007	935511.30	592192.04	1104.62	0.56	1.84	1102.78	TOP LEVEE NR 255+00 E
3008	935855.51	592087.15	1105.42	0.56	1.84	1103.58	TOP LEVEE NR 258+55 E
3009	936481.83	592224.74	1106.34	0.56	1.84	1104.49	TOP LEVEE NR 265+00 E
3010	937357.90	592702.64	1112.89	0.56	1.84	1111.05	TOP LEVEE NR 275+00 E
3011	938284.64	593079.78	1114.00	0.56	1.84	1112.16	TOP LEVEE NR 285+00 E
3012	939257.13	593396.03	1117.43	0.56	1.83	1115.60	TOP LEVEE NR 295+00 E
3013	939867.77	593564.94	1119.14	0.56	1.83	1117.31	TOP LEVEE NR 302+50 E
3014	940129.69	593715.68	1124.41	0.56	1.83	1122.58	TOP LEVEE NR 305+00 E
3015	940987.22	594209.93	1129.14	0.56	1.83	1127.31	TOP LEVEE NR 315+00 E
3016	941922.29	594534.34	1130.64	0.56	1.83	1128.81	TOP LEVEE NR 325+00 E
3017	942920.18	594699.52	1132.58	0.56	1.82	1130.76	TOP LEVEE NR 335+00 E
3018	943934.25	594789.44	1136.23	0.56	1.82	1134.40	TOP LEVEE NR 345+00 E
3019	928933.82	590489.37	1080.73	0.57	1.85	1078.88	TOP LEVEE NR 165+00 W
3020	929923.27	590582.59	1085.34	0.56	1.85	1083.49	TOP LEVEE NR 175+00 W
3021	930910.79	590484.62	1084.70	0.56	1.85	1082.85	TOP LEVEE NR 185+00 W
3022	931931.75	590505.70	1087.04	0.56	1.85	1085.19	TOP LEVEE NR 195+00 W
3023	932845.73	590811.24	1088.78	0.56	1.85	1086.93	TOP LEVEE NR 205+00 W
3024	933838.47	591167.15	1098.89	0.56	1.85	1097.04	TOP LEVEE NR 235+00 W
3025	934640.25	591771.53	1100.72	0.56	1.84	1098.87	TOP LEVEE NR 245+00 W
3026	935655.05	591762.87	1105.24	0.56	1.84	1103.39	TOP LEVEE NR 255+00 W
3027	935830.40	591746.85	1106.10	0.56	1.84	1104.26	TOP LEVEE NR 256+76 W
3028	936639.66	591874.05	1108.59	0.56	1.84	1106.75	TOP LEVEE NR 265+00 W
3029	937490.49	592345.96	1112.88	0.56	1.84	1111.04	TOP LEVEE NR 275+00 W
3030	938414.44	592762.77	1114.09	0.56	1.84	1112.25	TOP LEVEE NR 285+00 W
3031	939284.48	593107.81	1117.32	0.56	1.83	1115.49	TOP LEVEE NR 295+00 W
3032	939951.66	593368.38	1118.82	0.56	1.83	1116.99	TOP LEVEE NR 302+16 W
3033	940197.89	593499.69	1123.29	0.56	1.83	1121.45	TOP LEVEE NR 305+00 W
3034	941135.74	593862.26	1129.26	0.56	1.83	1127.43	TOP LEVEE NR 315+00 W
3035	942075.36	594194.24	1130.65	0.56	1.83	1128.83	TOP LEVEE NR 325+00 W
3036	943063.51	594337.49	1132.71	0.56	1.83	1130.88	TOP LEVEE NR 335+00 W
3037	944047.90	594465.01	1136.04	0.56	1.82	1134.22	TOP LEVEE NR 345+00 W
3038	944991.57	594816.26	1135.04	0.56	1.82	1133.22	TOP LEVEE NR 355+00 W
3039	944800.26	595111.38	1134.92	0.56	1.82	1133.09	TOP LEVEE NR 355+00 E
3040	954071.44	602277.02	1174.63	0.55	1.81	1172.83	TOP LEVEE SK 25+00 S
3041	954431.07	602770.38	1182.09	0.55	1.81	1180.28	TOP LEVEE SK 31+00 S
3042	954314.21	602053.45	1175.56	0.55	1.81	1173.76	TOP LEVEE SK 25+00 N
3043	954759.86	602535.00	1180.00	0.55	1.81	1178.19	TOP LEVEE SK 31+50 N
3044	952401.75	600795.49	1170.51	0.55	1.81	1168.70	TOP LEVEE NR 451+54 E
3045	952481.56	600910.69	1169.78	0.55	1.81	1167.97	TOP LEVEE NR 452+60 E
3046	953040.47	601442.20	1171.18	0.55	1.81	1169.37	TOP LEVEE NR 461+31 E
3047	952635.94	600605.09	1170.08	0.55	1.81	1168.27	TOP LEVEE NR 451+54 W
3048	952723.13	600715.99	1169.12	0.55	1.81	1167.32	TOP LEVEE NR 452+60 W
3049	953426.28	600869.55	1171.86	0.55	1.81	1170.05	TOP LEVEE NR 460+00 W
3050	954433.91	600888.09	1173.04	0.55	1.81	1171.23	TOP LEVEE NR 470+00 W
3051	928812.64	591048.12	1062.38	0.57	1.85	1060.52	TOE LEVEE NR 165+00 E
3052	928814.76	591041.35	1061.48	0.57	1.85	1059.63	GRD
3053	928820.18	591024.97	1061.94	0.57	1.85	1060.08	GRD
3054	928824.88	591010.85	1061.82	0.57	1.85	1059.97	GRD
3055	928830.90	590994.85	1070.38	0.57	1.85	1068.52	GRD
3056	928833.32	590987.88	1067.31	0.57	1.85	1065.45	GRD
3057	928838.10	590972.81	1067.61	0.57	1.85	1065.76	GRD
3058	928842.68	590959.67	1068.38	0.57	1.85	1066.52	GRD
3059	928848.25	590942.98	1069.19	0.57	1.85	1067.34	GRD
3060	928854.08	590928.02	1072.87	0.57	1.85	1071.02	GRD
3061	928855.26	590924.36	1072.73	0.57	1.85	1070.88	GRD
3062	928856.64	590919.25	1071.36	0.57	1.85	1069.50	GRD
3063	928858.88	590912.46	1067.74	0.57	1.85	1065.89	GRD
3064	928861.72	590904.03	1067.20	0.57	1.85	1065.34	GRD
3065	928865.54	590894.10	1062.10	0.57	1.85	1060.24	GRD
3066	928869.10	590882.77	1062.17	0.57	1.85	1060.32	GRD
3067	928875.80	590863.78	1061.89	0.57	1.85	1060.04	GRD
3068	928882.22	590845.07	1061.89	0.57	1.85	1060.04	GRD
3069	928889.34	590824.60	1062.24	0.57	1.85	1060.39	GRD
3070	928895.90	590806.25	1062.01	0.57	1.85	1060.16	GRD
3071	928902.34	590787.67	1061.82	0.57	1.85	1059.97	GRD
3072	928909.47	590767.59	1061.67	0.57	1.85	1059.81	GRD
3073	928933.38	590506.09	1062.48	0.57	1.85	1060.63	TOE LEVEE NR 165+00 W

Name	Northing (NAD83)	Easting (NAD 83)	Elevation (NGVD88)	conv (m)	conv (ft)	Elevation (NGVD29)	Description
3074	928933.47	590515.36	1061.38	0.57	1.85	1059.53	GRD
3075	928933.00	590532.42	1061.83	0.57	1.85	1059.98	GRD
3076	928932.42	590547.86	1062.15	0.57	1.85	1060.30	GRD
3077	928932.41	590557.56	1061.58	0.57	1.85	1059.72	GRD
3078	928932.10	590577.18	1062.28	0.57	1.85	1060.43	GRD
3079	928932.05	590592.99	1061.83	0.57	1.85	1059.98	GRD
3080	928931.42	590613.47	1062.06	0.57	1.85	1060.20	GRD
3081	928931.19	590628.98	1062.15	0.57	1.85	1060.30	GRD
3082	928930.89	590631.96	1062.68	0.57	1.85	1060.82	GRD
3083	928930.82	590648.71	1062.46	0.57	1.85	1060.61	GRD
3084	928930.77	590658.78	1062.16	0.57	1.85	1060.31	GRD
3085	928930.30	590674.18	1061.80	0.57	1.85	1059.94	GRD
3086	928930.26	590677.12	1062.33	0.57	1.85	1060.47	GRD
3087	928929.94	590694.72	1062.08	0.57	1.85	1060.22	GRD
3088	928929.82	590703.00	1061.98	0.57	1.85	1060.12	GRD
3089	928929.22	590707.66	1062.60	0.57	1.85	1060.74	GRD
3090	928929.28	590718.91	1061.75	0.57	1.85	1059.90	GRD
3091	928929.26	590730.20	1061.64	0.57	1.85	1059.79	GRD
3092	928929.23	590735.88	1062.03	0.57	1.85	1060.18	GRD
3093	928928.70	590752.30	1061.82	0.57	1.85	1059.97	GRD
3094	928928.48	590760.00	1061.31	0.57	1.85	1059.46	GRD
3095	928928.42	590780.21	1062.09	0.57	1.85	1060.23	GRD
3096	928927.85	590802.71	1061.67	0.57	1.85	1059.82	GRD
3097	929821.76	590989.43	1064.24	0.56	1.85	1062.39	TOE LEVEE NR 175+00 E
3098	929820.52	590978.61	1063.42	0.56	1.85	1061.57	GRD
3099	929818.94	590966.61	1064.04	0.56	1.85	1062.19	GRD
3100	929817.15	590952.35	1074.74	0.56	1.85	1072.89	GRD
3101	929816.06	590942.30	1070.72	0.56	1.85	1068.87	GRD
3102	929815.34	590938.45	1070.28	0.56	1.85	1068.43	GRD
3103	929814.74	590933.60	1068.62	0.56	1.85	1066.77	GRD
3104	929813.67	590925.98	1068.70	0.56	1.85	1066.85	GRD
3105	929811.59	590909.86	1068.72	0.56	1.85	1066.87	GRD
3106	929808.98	590891.88	1068.58	0.56	1.85	1066.73	GRD
3107	929808.16	590883.75	1070.11	0.56	1.85	1068.26	GRD
3108	929806.69	590873.83	1069.59	0.56	1.85	1067.74	GRD
3109	929805.30	590861.02	1064.35	0.56	1.85	1062.50	GRD
3110	929803.81	590852.92	1064.07	0.56	1.85	1062.22	GRD
3111	929801.74	590834.02	1063.98	0.56	1.85	1062.13	GRD
3112	929799.13	590816.87	1063.77	0.56	1.85	1061.92	GRD
3113	929796.61	590796.68	1063.95	0.56	1.85	1062.10	GRD
3114	929794.95	590784.38	1063.94	0.56	1.85	1062.09	GRD
3115	929794.62	590781.12	1064.44	0.56	1.85	1062.59	GRD
3116	929794.03	590777.40	1064.06	0.56	1.85	1062.21	GRD
3117	929791.39	590755.86	1064.12	0.56	1.85	1062.27	GRD
3118	929788.99	590736.00	1063.88	0.56	1.85	1062.03	GRD
3119	929786.01	590716.00	1063.93	0.56	1.85	1062.08	GRD
3120	929783.40	590696.27	1063.87	0.56	1.85	1062.02	GRD
3121	929923.05	590601.92	1064.83	0.56	1.85	1062.98	TOE LEVEE NR 175+00 W
3122	929922.99	590619.57	1064.19	0.56	1.85	1062.34	GRD
3123	929923.07	590636.35	1064.15	0.56	1.85	1062.29	GRD
3124	929922.83	590657.55	1064.04	0.56	1.85	1062.19	GRD
3125	929923.00	590677.63	1063.88	0.56	1.85	1062.02	GRD
3126	929922.60	590696.92	1064.43	0.56	1.85	1062.58	GRD
3127	929922.46	590717.83	1064.51	0.56	1.85	1062.66	GRD
3128	929922.84	590737.89	1064.13	0.56	1.85	1062.28	GRD
3129	929922.76	590756.77	1064.20	0.56	1.85	1062.35	GRD
3130	929922.33	590778.31	1064.16	0.56	1.85	1062.31	GRD
3131	929922.19	590797.25	1064.02	0.56	1.85	1062.17	GRD
3132	929922.19	590816.61	1064.58	0.56	1.85	1062.73	GRD
3133	929922.11	590824.72	1064.92	0.56	1.85	1063.07	GRD
3134	929922.04	590828.32	1064.05	0.56	1.85	1062.20	GRD
3135	929922.14	590840.79	1064.56	0.56	1.85	1062.71	GRD
3136	929922.30	590853.30	1064.25	0.56	1.85	1062.40	GRD
3137	929922.24	590864.53	1068.52	0.56	1.85	1066.67	GRD
3138	929922.29	590867.89	1068.06	0.56	1.85	1066.21	GRD
3139	929921.92	590879.83	1068.63	0.56	1.85	1066.78	GRD
3140	929921.83	590898.22	1069.08	0.56	1.85	1067.22	GRD

Name	Northing (NAD83)	Easting (NAD 83)	Elevation (NGVD88)	conv (m)	conv (ft)	Elevation (NGVD29)	Description
3141	930910.07	590503.14	1066.90	0.56	1.85	1065.04	TOE LEVEE NR 185+00 W
3142	930910.31	590506.91	1066.26	0.56	1.85	1064.40	GRD
3143	930909.86	590526.39	1066.15	0.56	1.85	1064.30	GRD
3144	930909.30	590545.90	1066.03	0.56	1.85	1064.18	GRD
3145	930908.79	590564.49	1066.83	0.56	1.85	1064.98	GRD
3146	930908.49	590584.03	1067.28	0.56	1.85	1065.43	GRD
3147	930908.00	590595.36	1072.95	0.56	1.85	1071.10	GRD
3148	930907.61	590603.19	1076.38	0.56	1.85	1074.53	GRD
3149	930907.60	590612.87	1071.37	0.56	1.85	1069.52	GRD
3150	930907.17	590629.31	1072.09	0.56	1.85	1070.24	GRD
3151	930906.53	590651.23	1072.11	0.56	1.85	1070.26	GRD
3152	930906.38	590658.10	1073.24	0.56	1.85	1071.39	GRD
3153	930906.30	590671.54	1072.88	0.56	1.85	1071.03	GRD
3154	930905.85	590692.33	1074.35	0.56	1.85	1072.50	GRD
3155	930905.45	590698.12	1073.08	0.56	1.85	1071.23	GRD
3156	930905.43	590711.21	1073.28	0.56	1.85	1071.43	GRD
3157	930904.81	590723.43	1072.93	0.56	1.85	1071.08	GRD
3158	930904.51	590736.03	1074.27	0.56	1.85	1072.42	GRD
3159	930904.29	590740.43	1073.31	0.56	1.85	1071.46	GRD
3160	930904.11	590752.26	1073.38	0.56	1.85	1071.53	GRD
3161	930903.94	590761.44	1075.62	0.56	1.85	1073.76	GRD
3162	930903.60	590771.86	1075.16	0.56	1.85	1073.31	GRD
3163	930903.24	590791.49	1077.15	0.56	1.85	1075.30	GRD
3164	930902.55	590811.01	1066.81	0.56	1.85	1064.96	GRD
3165	930748.11	590937.18	1066.73	0.56	1.85	1064.88	TOE LEVEE NR 185+00 E
3166	930747.75	590929.53	1065.88	0.56	1.85	1064.03	GRD
3167	930748.03	590918.31	1065.76	0.56	1.85	1063.91	GRD
3168	930747.86	590910.32	1066.74	0.56	1.85	1064.89	GRD
3169	930747.50	590905.80	1065.94	0.56	1.85	1064.08	GRD
3170	930747.72	590886.69	1065.96	0.56	1.85	1064.11	GRD
3171	930747.41	590867.02	1065.99	0.56	1.85	1064.14	GRD
3172	930747.60	590850.43	1065.95	0.56	1.85	1064.10	GRD
3173	930747.57	590829.58	1076.80	0.56	1.85	1074.95	GRD
3174	930747.46	590823.99	1075.35	0.56	1.85	1073.50	GRD
3175	930747.37	590816.24	1075.82	0.56	1.85	1073.97	GRD
3176	930747.65	590804.99	1075.74	0.56	1.85	1073.89	GRD
3177	930747.35	590798.80	1074.03	0.56	1.85	1072.18	GRD
3178	930747.25	590783.25	1075.00	0.56	1.85	1073.15	GRD
3179	930747.31	590773.18	1072.93	0.56	1.85	1071.08	GRD
3180	930747.23	590760.50	1073.66	0.56	1.85	1071.81	GRD
3181	930747.33	590749.65	1074.79	0.56	1.85	1072.94	GRD
3182	930746.95	590737.65	1073.14	0.56	1.85	1071.29	GRD
3183	930746.62	590723.81	1073.31	0.56	1.85	1071.46	GRD
3184	930746.95	590711.55	1073.12	0.56	1.85	1071.27	GRD
3185	930746.80	590707.27	1074.16	0.56	1.85	1072.31	GRD
3186	930747.05	590700.68	1074.05	0.56	1.85	1072.20	GRD
3187	930746.65	590694.14	1072.42	0.56	1.85	1070.57	GRD
3188	930746.59	590672.93	1071.25	0.56	1.85	1069.40	GRD
3189	930746.61	590658.97	1071.91	0.56	1.85	1070.06	GRD
3190	930746.43	590645.84	1072.03	0.56	1.85	1070.18	GRD
3191	930746.64	590641.27	1072.68	0.56	1.85	1070.83	GRD
3192	931762.15	590944.67	1068.83	0.56	1.85	1066.97	TOE LEVEE NR 195+00 E
3193	931762.50	590938.50	1068.65	0.56	1.85	1066.80	GRD
3194	931763.15	590923.98	1068.67	0.56	1.85	1066.82	GRD
3195	931764.47	590905.95	1068.66	0.56	1.85	1066.81	GRD
3196	931765.70	590890.24	1069.44	0.56	1.85	1067.59	GRD
3197	931766.22	590881.99	1069.37	0.56	1.85	1067.52	GRD
3198	931766.26	590877.24	1069.53	0.56	1.85	1067.67	GRD
3199	931766.62	590874.00	1068.96	0.56	1.85	1067.11	GRD
3200	931766.85	590870.30	1069.24	0.56	1.85	1067.39	GRD
3201	931766.84	590866.61	1068.78	0.56	1.85	1066.92	GRD
3202	931767.29	590862.78	1069.06	0.56	1.85	1067.21	GRD
3203	931767.63	590849.87	1068.79	0.56	1.85	1066.94	GRD
3204	931768.92	590834.44	1068.64	0.56	1.85	1066.79	GRD
3205	931769.68	590826.53	1071.66	0.56	1.85	1069.81	GRD
3206	931769.66	590820.83	1072.85	0.56	1.85	1071.00	GRD
3207	931769.61	590816.48	1072.62	0.56	1.85	1070.76	GRD

Name	Northing (NAD83)	Easting (NAD 83)	Elevation (NGVD88)	conv (m)	conv (ft)	Elevation (NGVD29)	Description
3208	931770.57	590806.86	1070.53	0.56	1.85	1068.68	GRD
3209	931770.42	590803.59	1070.26	0.56	1.85	1068.40	GRD
3210	931771.05	590801.39	1071.11	0.56	1.85	1069.26	GRD
3211	931771.23	590792.44	1071.58	0.56	1.85	1069.73	GRD
3212	931772.15	590786.22	1072.55	0.56	1.85	1070.69	GRD
3213	931772.30	590774.31	1072.88	0.56	1.85	1071.03	GRD
3214	931773.10	590761.93	1073.87	0.56	1.85	1072.02	GRD
3215	931773.85	590750.88	1074.41	0.56	1.85	1072.56	GRD
3216	931774.94	590740.05	1074.22	0.56	1.85	1072.37	GRD
3217	931775.09	590731.13	1073.84	0.56	1.85	1071.99	GRD
3218	931775.56	590724.10	1076.41	0.56	1.85	1074.56	GRD
3219	931775.93	590715.83	1077.45	0.56	1.85	1075.60	GRD
3220	931776.39	590708.68	1076.67	0.56	1.85	1074.82	GRD
3221	931777.33	590700.82	1077.89	0.56	1.85	1076.04	GRD
3222	931777.87	590686.31	1077.06	0.56	1.85	1075.21	GRD
3223	931778.62	590672.40	1076.48	0.56	1.85	1074.62	GRD
3224	931778.89	590663.85	1076.15	0.56	1.85	1074.30	GRD
3225	931780.17	590649.01	1077.26	0.56	1.85	1075.40	GRD
3226	931929.40	590522.34	1069.48	0.56	1.85	1067.63	TOE LEVEE NR 195+00 W
3227	931927.38	590540.46	1068.81	0.56	1.85	1066.96	GRD
3228	931925.19	590557.79	1068.68	0.56	1.85	1066.83	GRD
3229	931923.28	590573.05	1068.74	0.56	1.85	1066.89	GRD
3230	931921.94	590585.65	1068.99	0.56	1.85	1067.14	GRD
3231	931921.15	590592.19	1070.56	0.56	1.85	1068.71	GRD
3232	931919.85	590599.00	1074.67	0.56	1.85	1072.82	GRD
3233	931919.23	590606.76	1074.04	0.56	1.85	1072.19	GRD
3234	931917.55	590620.72	1074.34	0.56	1.85	1072.49	GRD
3235	931915.68	590635.17	1074.17	0.56	1.85	1072.32	GRD
3236	931914.38	590647.65	1073.69	0.56	1.85	1071.83	GRD
3237	931912.84	590659.05	1072.33	0.56	1.85	1070.47	GRD
3238	931910.38	590678.51	1072.41	0.56	1.85	1070.56	GRD
3239	931909.17	590688.87	1075.22	0.56	1.85	1073.37	GRD
3240	931907.86	590700.65	1076.22	0.56	1.85	1074.37	GRD
3241	931906.10	590714.87	1077.36	0.56	1.85	1075.51	GRD
3242	931904.01	590726.94	1076.81	0.56	1.85	1074.96	GRD
3243	931903.41	590730.70	1075.90	0.56	1.85	1074.05	GRD
3244	931902.84	590740.23	1075.48	0.56	1.85	1073.63	GRD
3245	931901.78	590747.95	1075.90	0.56	1.85	1074.05	GRD
3246	931900.90	590756.76	1077.24	0.56	1.85	1075.39	GRD
3247	931900.48	590763.08	1075.21	0.56	1.85	1073.36	GRD
3248	931897.73	590776.16	1074.63	0.56	1.85	1072.78	GRD
3249	931897.20	590786.02	1075.49	0.56	1.85	1073.64	GRD
3250	931895.27	590800.15	1074.37	0.56	1.85	1072.52	GRD
3251	931894.64	590804.83	1069.30	0.56	1.85	1067.45	GRD
3252	931893.47	590816.03	1069.97	0.56	1.85	1068.12	GRD
3253	931892.35	590823.26	1075.42	0.56	1.85	1073.57	GRD
3254	932841.24	590826.73	1072.06	0.56	1.85	1070.21	TOE LEVEE NR 205+00 W
3255	932838.84	590834.76	1070.92	0.56	1.85	1069.07	GRD
3256	932834.25	590851.00	1071.41	0.56	1.85	1069.56	GRD
3257	932829.73	590864.16	1071.74	0.56	1.85	1069.89	GRD
3258	932824.30	590881.79	1071.19	0.56	1.85	1069.34	GRD
3259	932819.62	590898.40	1071.55	0.56	1.85	1069.71	GRD
3260	932815.18	590913.16	1071.70	0.56	1.85	1069.85	GRD
3261	932810.05	590929.88	1071.59	0.56	1.85	1069.74	GRD
3262	932804.43	590947.97	1071.74	0.56	1.85	1069.89	GRD
3263	932799.65	590964.17	1071.58	0.56	1.85	1069.73	GRD
3264	932795.84	590976.92	1071.37	0.56	1.85	1069.52	GRD
3265	932791.51	590991.59	1071.31	0.56	1.85	1069.46	GRD
3266	932790.22	590994.79	1070.92	0.56	1.85	1069.07	GRD
3267	932785.75	591010.09	1071.42	0.56	1.85	1069.57	GRD
3268	932781.50	591024.05	1071.43	0.56	1.85	1069.58	GRD
3269	932776.52	591040.34	1071.30	0.56	1.85	1069.45	GRD
3270	932774.20	591048.88	1071.38	0.56	1.85	1069.53	GRD
3271	932772.88	591052.91	1072.11	0.56	1.85	1070.26	GRD
3272	932761.35	591071.48	1071.65	0.56	1.85	1069.80	GRD
3273	932764.40	591082.05	1070.59	0.56	1.85	1068.74	GRD
3274	932760.17	591093.90	1071.06	0.56	1.85	1069.21	GRD

Name	Northing (NAD83)	Easting (NAD 83)	Elevation (NGVD88)	conv (m)	conv (ft)	Elevation (NGVD29)	Description
3275	932756.24	591108.29	1070.93	0.56	1.85	1069.08	GRD
3276	932754.09	591115.68	1070.92	0.56	1.85	1069.07	GRD
3277	932750.70	591126.60	1071.07	0.56	1.85	1069.23	GRD
3278	932746.60	591141.11	1071.93	0.56	1.85	1070.08	GRD
3279	932746.15	591142.70	1072.69	0.56	1.85	1070.84	TOE LEVEE NR 205+00 E
3280	933773.66	591590.23	1076.58	0.56	1.85	1074.74	TOE LEVEE NR 235+00 E
3281	933787.53	591580.06	1075.97	0.56	1.85	1074.12	GRD
3282	933803.56	591568.62	1076.04	0.56	1.85	1074.19	GRD
3283	933819.81	591556.84	1076.32	0.56	1.85	1074.47	GRD
3284	933835.71	591545.48	1076.23	0.56	1.85	1074.38	GRD
3285	933851.55	591534.14	1076.08	0.56	1.85	1074.24	GRD
3286	933867.19	591523.09	1076.10	0.56	1.85	1074.25	GRD
3287	933882.10	591512.66	1076.57	0.56	1.85	1074.73	GRD
3288	933898.59	591500.62	1077.19	0.56	1.85	1075.34	GRD
3289	933907.25	591494.33	1076.78	0.56	1.85	1074.93	GRD
3290	933917.39	591486.94	1077.21	0.56	1.85	1075.36	GRD
3291	933932.59	591476.22	1076.56	0.56	1.85	1074.71	GRD
3292	933948.71	591465.18	1076.30	0.56	1.85	1074.45	GRD
3293	933964.94	591453.21	1076.56	0.56	1.85	1074.71	GRD
3294	933970.16	591449.76	1076.33	0.56	1.85	1074.48	GRD
3295	933975.95	591445.27	1077.26	0.56	1.85	1075.41	GRD
3296	933986.56	591437.91	1076.59	0.56	1.85	1074.74	GRD
3297	933999.46	591428.39	1076.27	0.56	1.85	1074.42	GRD
3298	934014.10	591418.32	1076.30	0.56	1.85	1074.45	GRD
3299	933823.16	591185.22	1076.17	0.56	1.85	1074.32	TOE LEVEE NR 235+00 W
3300	933821.52	591187.72	1075.35	0.56	1.85	1073.50	GRD
3301	933814.92	591195.71	1075.81	0.56	1.85	1073.97	GRD
3302	933813.04	591197.90	1075.14	0.56	1.85	1073.30	GRD
3303	933808.10	591204.04	1075.29	0.56	1.85	1073.44	GRD
3304	933796.41	591218.50	1075.53	0.56	1.85	1073.68	GRD
3305	933791.11	591225.05	1076.03	0.56	1.85	1074.18	GRD
3306	933782.20	591235.80	1075.46	0.56	1.85	1073.61	GRD
3307	933779.94	591238.58	1076.03	0.56	1.85	1074.18	GRD
3308	933777.26	591242.06	1075.22	0.56	1.85	1073.37	GRD
3309	933766.81	591254.86	1075.06	0.56	1.85	1073.22	GRD
3310	933761.44	591260.95	1075.35	0.56	1.85	1073.50	GRD
3311	933759.19	591264.18	1076.16	0.56	1.85	1074.31	GRD
3312	933750.84	591274.29	1075.20	0.56	1.85	1073.35	GRD
3313	933737.49	591290.36	1075.33	0.56	1.85	1073.48	GRD
3314	933724.30	591306.37	1075.32	0.56	1.85	1073.47	GRD
3315	933712.54	591321.11	1075.15	0.56	1.85	1073.31	GRD
3316	933700.66	591335.49	1075.21	0.56	1.85	1073.37	GRD
3317	933686.83	591352.69	1075.25	0.56	1.85	1073.40	GRD
3318	933675.37	591366.92	1075.26	0.56	1.85	1073.41	GRD
3319	933660.40	591384.67	1075.94	0.56	1.85	1074.09	GRD
3320	933654.43	591392.42	1075.64	0.56	1.85	1073.79	GRD
3321	933648.76	591399.25	1076.37	0.56	1.85	1074.52	TOE LEVEE
3322	934533.17	592222.22	1079.79	0.56	1.84	1077.94	TOE LEVEE NR 245+00 E
3323	934535.79	592213.32	1079.11	0.56	1.84	1077.27	GRD
3324	934540.73	592197.84	1079.00	0.56	1.84	1077.16	GRD
3325	934544.17	592187.17	1078.96	0.56	1.84	1077.11	GRD
3326	934549.83	592169.45	1078.69	0.56	1.84	1076.85	GRD
3327	934555.68	592151.17	1078.40	0.56	1.84	1076.55	GRD
3328	934556.81	592147.34	1078.80	0.56	1.84	1076.96	GRD
3329	934561.23	592132.63	1079.45	0.56	1.84	1077.61	GRD
3330	934564.00	592124.50	1078.82	0.56	1.84	1076.97	GRD
3331	934566.19	592117.92	1079.42	0.56	1.84	1077.58	GRD
3332	934566.52	592115.48	1078.97	0.56	1.84	1077.13	GRD
3333	934567.70	592112.21	1079.56	0.56	1.84	1077.71	GRD
3334	934568.80	592109.31	1078.76	0.56	1.84	1076.92	GRD
3335	934573.93	592092.11	1079.56	0.56	1.84	1077.71	GRD
3336	934580.06	592073.70	1078.81	0.56	1.84	1076.96	GRD
3337	934585.83	592054.25	1078.62	0.56	1.84	1076.77	GRD
3338	934592.17	592035.35	1078.87	0.56	1.84	1077.03	GRD
3339	934593.05	592032.38	1079.64	0.56	1.84	1077.80	GRD
3340	934594.84	592026.43	1079.59	0.56	1.84	1077.75	GRD
3341	934596.08	592021.85	1078.63	0.56	1.84	1076.78	GRD

Name	Northing (NAD83)	Easting (NAD 83)	Elevation (NGVD88)	conv (m)	conv (ft)	Elevation (NGVD29)	Description
3342	934598.67	592014.30	1079.41	0.56	1.84	1077.57	GRD
3343	934600.14	592009.77	1078.79	0.56	1.84	1076.95	GRD
3344	934603.36	591999.43	1079.22	0.56	1.84	1077.38	GRD
3345	934609.72	591979.32	1078.80	0.56	1.84	1076.96	GRD
3346	934612.46	591970.23	1079.38	0.56	1.84	1077.54	GRD
3347	934615.42	591961.32	1079.61	0.56	1.84	1077.77	GRD
3348	934622.19	591939.61	1079.09	0.56	1.84	1077.25	GRD
3349	934635.35	591792.31	1079.80	0.56	1.84	1077.96	TOE LEVEE NR 245+00 W
3350	934634.53	591795.97	1079.04	0.56	1.84	1077.19	GRD
3351	934631.93	591807.33	1079.29	0.56	1.84	1077.44	GRD
3352	934629.05	591819.51	1079.16	0.56	1.84	1077.31	GRD
3353	934626.30	591831.22	1079.37	0.56	1.84	1077.53	GRD
3354	934622.39	591847.20	1078.77	0.56	1.84	1076.92	GRD
3355	934617.44	591867.96	1079.04	0.56	1.84	1077.20	GRD
3356	934613.05	591886.83	1078.95	0.56	1.84	1077.10	GRD
3357	934608.55	591906.12	1078.95	0.56	1.84	1077.11	GRD
3358	934603.80	591925.81	1078.90	0.56	1.84	1077.06	GRD
3359	934599.50	591943.91	1079.02	0.56	1.84	1077.17	GRD
3360	934597.13	591952.81	1079.63	0.56	1.84	1077.78	GRD
3361	934593.94	591967.99	1078.85	0.56	1.84	1077.01	GRD
3362	934590.25	591982.92	1078.88	0.56	1.84	1077.04	GRD
3363	934585.59	592003.07	1078.86	0.56	1.84	1077.01	GRD
3364	934582.74	592016.14	1078.55	0.56	1.84	1076.70	GRD
3365	934580.44	592024.32	1079.43	0.56	1.84	1077.59	GRD
3366	934578.66	592032.94	1078.85	0.56	1.84	1077.00	GRD
3367	934573.01	592056.68	1078.77	0.56	1.84	1076.93	GRD
3368	934567.20	592080.63	1078.83	0.56	1.84	1076.99	GRD
3369	935500.89	592172.15	1082.27	0.56	1.84	1080.43	TOE LEVEE NR 255+00 E
3370	935492.63	592158.79	1081.66	0.56	1.84	1079.81	GRD
3371	935482.97	592141.60	1081.76	0.56	1.84	1079.91	GRD
3372	935472.98	592123.08	1081.51	0.56	1.84	1079.66	GRD
3373	935463.33	592106.22	1081.31	0.56	1.84	1079.46	GRD
3374	935453.72	592089.03	1081.15	0.56	1.84	1079.31	GRD
3375	935443.99	592071.28	1081.34	0.56	1.84	1079.50	GRD
3376	935438.39	592061.52	1081.87	0.56	1.84	1080.02	GRD
3377	935433.58	592052.48	1081.66	0.56	1.84	1079.81	GRD
3378	935431.37	592049.62	1082.31	0.56	1.84	1080.47	GRD
3379	935429.44	592045.13	1081.80	0.56	1.84	1079.95	GRD
3380	935426.69	592040.44	1081.76	0.56	1.84	1079.91	GRD
3381	935425.15	592037.71	1082.27	0.56	1.84	1080.42	GRD
3382	935416.28	592022.18	1081.59	0.56	1.84	1079.75	GRD
3383	935412.91	592015.79	1081.84	0.56	1.84	1079.99	GRD
3384	935404.78	592000.78	1081.75	0.56	1.84	1079.90	GRD
3385	935394.97	591983.55	1081.72	0.56	1.84	1079.87	GRD
3386	935385.27	591965.69	1082.23	0.56	1.84	1080.38	GRD
3387	935375.53	591948.54	1082.03	0.56	1.84	1080.19	GRD
3388	935370.65	591939.57	1082.43	0.56	1.84	1080.59	GRD
3389	935363.91	591927.77	1082.33	0.56	1.84	1080.48	GRD
3390	935356.24	591913.84	1082.19	0.56	1.84	1080.34	GRD
3391	935659.53	591786.02	1082.88	0.56	1.84	1081.03	TOE LEVEE NR 255+00 W
3392	935658.86	591788.91	1082.49	0.56	1.84	1080.65	GRD
3393	935660.96	591800.01	1082.82	0.56	1.84	1080.98	GRD
3394	935663.85	591821.08	1082.62	0.56	1.84	1080.78	GRD
3395	935666.25	591840.79	1082.48	0.56	1.84	1080.63	GRD
3396	935669.32	591860.77	1082.64	0.56	1.84	1080.79	GRD
3397	935672.70	591880.79	1082.68	0.56	1.84	1080.83	GRD
3398	935675.05	591900.49	1082.85	0.56	1.84	1081.01	GRD
3399	935678.22	591920.00	1082.77	0.56	1.84	1080.92	GRD
3400	935679.58	591930.16	1081.94	0.56	1.84	1080.10	GRD
3401	935681.00	591941.51	1082.22	0.56	1.84	1080.38	GRD
3402	935683.31	591954.61	1082.38	0.56	1.84	1080.54	GRD
3403	935683.98	591959.31	1082.37	0.56	1.84	1080.53	GRD
3404	935685.88	591975.22	1082.38	0.56	1.84	1080.53	GRD
3405	935686.96	591981.16	1082.36	0.56	1.84	1080.52	GRD
3406	935687.88	591985.13	1082.75	0.56	1.84	1080.91	GRD
3407	935687.95	591986.94	1082.30	0.56	1.84	1080.46	GRD
3408	935689.55	591997.67	1082.04	0.56	1.84	1080.20	GRD

Name	Northing (NAD83)	Easting (NAD 83)	Elevation (NGVD88)	conv (m)	conv (ft)	Elevation (NGVD29)	Description
3409	935690.21	592001.23	1082.61	0.56	1.84	1080.76	GRD
3410	935690.79	592005.79	1082.20	0.56	1.84	1080.36	GRD
3411	935691.26	592010.20	1082.66	0.56	1.84	1080.81	GRD
3412	935691.93	592016.11	1081.81	0.56	1.84	1079.97	GRD
3413	935693.86	592026.68	1082.69	0.56	1.84	1080.84	GRD
3414	935694.45	592031.18	1081.79	0.56	1.84	1079.94	GRD
3415	935695.08	592035.62	1081.80	0.56	1.84	1079.96	GRD
3416	935695.60	592040.00	1082.46	0.56	1.84	1080.62	GRD
3417	935696.24	592046.08	1081.46	0.56	1.84	1079.62	GRD
3418	935697.95	592055.90	1082.50	0.56	1.84	1080.66	GRD
3419	935701.34	592078.74	1081.67	0.56	1.84	1079.82	GRD
3420	935824.15	592067.75	1082.82	0.56	1.84	1080.98	TOE LEVEE
3421	935823.32	592056.32	1083.27	0.56	1.84	1081.43	GRD
3422	935823.05	592053.37	1082.83	0.56	1.84	1080.99	GRD
3423	935822.13	592044.82	1083.76	0.56	1.84	1081.92	GRD
3424	935821.78	592041.35	1082.72	0.56	1.84	1080.88	GRD
3425	935820.75	592024.54	1083.75	0.56	1.84	1081.91	GRD
3426	935820.29	592019.24	1083.27	0.56	1.84	1081.43	GRD
3427	935819.20	592004.47	1083.26	0.56	1.84	1081.42	GRD
3428	935818.75	591995.04	1083.28	0.56	1.84	1081.44	GRD
3429	935818.60	591991.91	1083.72	0.56	1.84	1081.88	GRD
3430	935817.76	591982.66	1083.70	0.56	1.84	1081.85	GRD
3431	935817.64	591978.42	1083.06	0.56	1.84	1081.22	GRD
3432	935816.71	591970.25	1083.03	0.56	1.84	1081.19	GRD
3433	935816.08	591955.48	1083.86	0.56	1.84	1082.02	GRD
3434	935815.20	591942.53	1083.42	0.56	1.84	1081.57	GRD
3435	935813.48	591936.10	1082.81	0.56	1.84	1080.97	GRD
3436	935813.75	591925.10	1083.19	0.56	1.84	1081.35	GRD
3437	935812.77	591914.73	1082.64	0.56	1.84	1080.79	GRD
3438	935812.02	591902.93	1083.10	0.56	1.84	1081.25	GRD
3439	935811.25	591889.67	1083.07	0.56	1.84	1081.23	GRD
3440	935811.04	591886.71	1082.24	0.56	1.84	1080.39	GRD
3441	935810.27	591881.35	1082.86	0.56	1.84	1081.02	GRD
3442	935809.09	591869.08	1082.52	0.56	1.84	1080.68	GRD
3443	935808.76	591863.28	1082.57	0.56	1.84	1080.72	GRD
3444	935808.73	591857.46	1083.58	0.56	1.84	1081.74	GRD
3445	935808.11	591850.68	1082.96	0.56	1.84	1081.12	GRD
3446	935808.31	591845.97	1084.28	0.56	1.84	1082.44	GRD
3447	935807.74	591841.61	1082.74	0.56	1.84	1080.90	GRD
3448	935806.64	591829.53	1083.72	0.56	1.84	1081.88	GRD
3449	935806.14	591821.11	1082.33	0.56	1.84	1080.49	GRD
3450	935806.06	591811.08	1083.41	0.56	1.84	1081.56	GRD
3451	935804.49	591806.89	1082.23	0.56	1.84	1080.39	GRD
3452	935804.47	591799.27	1083.44	0.56	1.84	1081.59	GRD
3453	935803.71	591792.03	1083.43	0.56	1.84	1081.58	GRD
3454	935802.99	591783.18	1083.28	0.56	1.84	1081.43	GRD
3455	935802.62	591775.57	1083.35	0.56	1.84	1081.51	GRD
3456	935802.36	591771.71	1083.95	0.56	1.84	1082.11	TOE LEVEE
3457	935832.01	591767.46	1085.69	0.56	1.84	1083.85	TOE LEVEE NR 256+76 W
3458	935832.34	591771.39	1085.39	0.56	1.84	1083.54	CNC
3459	935833.60	591790.08	1085.57	0.56	1.84	1083.72	CNC
3460	935835.00	591809.79	1085.57	0.56	1.84	1083.73	CNC
3461	935836.69	591829.08	1085.59	0.56	1.84	1083.75	CNC
3462	935838.14	591849.66	1085.45	0.56	1.84	1083.60	CNC
3463	935839.56	591869.85	1085.56	0.56	1.84	1083.72	CNC
3464	935841.11	591887.82	1085.48	0.56	1.84	1083.63	CNC
3465	935841.52	591894.40	1085.43	0.56	1.84	1083.59	CNC
3466	935841.69	591901.23	1084.86	0.56	1.84	1083.01	CNC
3467	935842.55	591911.04	1084.50	0.56	1.84	1082.66	CNC
3468	935843.61	591923.79	1084.49	0.56	1.84	1082.65	CNC
3469	935844.23	591934.42	1085.04	0.56	1.84	1083.19	CNC
3470	935845.07	591945.89	1085.47	0.56	1.84	1083.63	CNC
3471	935846.67	591968.64	1085.56	0.56	1.84	1083.71	CNC
3472	935848.40	591988.92	1085.59	0.56	1.84	1083.75	CNC
3473	935849.85	592009.63	1085.54	0.56	1.84	1083.70	CNC
3474	935851.31	592030.06	1085.54	0.56	1.84	1083.70	CNC
3475	935852.73	592048.90	1085.57	0.56	1.84	1083.73	CNC

Name	Northing (NAD83)	Easting (NAD 83)	Elevation (NGVD88)	conv (m)	conv (ft)	Elevation (NGVD29)	Description
3476	935853.85	592064.30	1085.31	0.56	1.84	1083.47	CNC
3477	935854.01	592067.98	1086.36	0.56	1.84	1084.52	TOE LEVEE NR 258+55 E
3478	936488.48	592211.88	1091.77	0.56	1.84	1089.93	TOE LEVEE NR 265+00 E
3479	936494.23	592200.48	1091.16	0.56	1.84	1089.32	GRD
3480	936502.91	592184.26	1089.76	0.56	1.84	1087.92	GRD
3481	936511.55	592167.90	1088.89	0.56	1.84	1087.05	GRD
3482	936520.76	592149.71	1088.04	0.56	1.84	1086.20	GRD
3483	936531.88	592129.42	1087.64	0.56	1.84	1085.80	GRD
3484	936542.12	592109.57	1087.06	0.56	1.84	1085.22	GRD
3485	936548.94	592096.90	1086.52	0.56	1.84	1084.68	GRD
3486	936551.07	592092.18	1086.73	0.56	1.84	1084.88	GRD
3487	936555.48	592084.11	1086.01	0.56	1.84	1084.16	GRD
3488	936559.57	592076.78	1085.74	0.56	1.84	1083.89	GRD
3489	936568.00	592060.21	1085.60	0.56	1.84	1083.76	GRD
3490	936574.11	592048.60	1085.97	0.56	1.84	1084.13	GRD
3491	936579.08	592038.67	1085.75	0.56	1.84	1083.90	GRD
3492	936587.42	592022.70	1086.65	0.56	1.84	1084.81	GRD
3493	936590.73	592016.79	1087.62	0.56	1.84	1085.78	GRD
3494	936592.29	592014.21	1086.96	0.56	1.84	1085.12	GRD
3495	936598.28	592002.74	1087.37	0.56	1.84	1085.53	GRD
3496	936605.55	591989.07	1087.67	0.56	1.84	1085.83	GRD
3497	936613.42	591973.90	1088.09	0.56	1.84	1086.25	GRD
3498	936621.30	591958.62	1087.92	0.56	1.84	1086.07	GRD
3499	936625.76	591949.77	1088.07	0.56	1.84	1086.23	GRD
3500	936633.32	591891.55	1090.23	0.56	1.84	1088.39	TOE LEVEE NR 265+00 W
3501	936629.35	591902.39	1088.82	0.56	1.84	1086.98	GRD
3502	936621.95	591922.50	1087.85	0.56	1.84	1086.00	GRD
3503	936616.19	591939.39	1087.92	0.56	1.84	1086.08	GRD
3504	936607.89	591960.73	1087.84	0.56	1.84	1086.00	GRD
3505	936601.03	591980.83	1087.68	0.56	1.84	1085.84	GRD
3506	936594.52	591999.49	1087.38	0.56	1.84	1085.53	GRD
3507	938409.89	592781.64	1095.44	0.56	1.84	1093.60	TOE LEVEE NR 285+00 W
3508	938403.77	592796.39	1094.74	0.56	1.84	1092.90	GRD
3509	938395.98	592814.42	1094.10	0.56	1.84	1092.26	GRD
3510	938388.27	592832.19	1093.63	0.56	1.84	1091.79	GRD
3511	938380.32	592851.29	1093.50	0.56	1.84	1091.67	GRD
3512	938372.25	592869.02	1093.16	0.56	1.84	1091.32	GRD
3513	938364.35	592887.41	1092.32	0.56	1.84	1090.48	GRD
3514	938356.64	592906.03	1092.05	0.56	1.84	1090.21	GRD
3515	938348.52	592924.29	1091.74	0.56	1.84	1089.90	GRD
3516	938340.64	592942.55	1092.14	0.56	1.84	1090.30	GRD
3517	938333.74	592959.02	1093.20	0.56	1.84	1091.36	GRD
3518	938330.00	592967.44	1093.52	0.56	1.84	1091.68	GRD
3519	938323.09	592983.66	1093.17	0.56	1.84	1091.33	GRD
3520	938316.91	592998.14	1093.84	0.56	1.84	1092.00	GRD
3521	938309.18	593015.98	1094.21	0.56	1.84	1092.37	GRD
3522	938302.53	593030.98	1094.53	0.56	1.84	1092.70	GRD
3523	938300.27	593037.37	1095.30	0.56	1.84	1093.46	GRD
3524	938293.88	593051.25	1095.45	0.56	1.84	1093.61	GRD
3525	938289.15	593062.85	1096.24	0.56	1.84	1094.40	TOE LEVEE NR 285+00 E
3526	937481.65	592363.55	1093.10	0.56	1.84	1091.26	TOE LEVEE NR 275+00 W
3527	937478.64	592372.09	1092.39	0.56	1.84	1090.55	GRD
3528	937473.46	592386.19	1092.36	0.56	1.84	1090.52	GRD
3529	937467.08	592404.27	1092.48	0.56	1.84	1090.64	GRD
3530	937465.28	592409.29	1091.85	0.56	1.84	1090.01	GRD
3531	937463.55	592413.80	1092.28	0.56	1.84	1090.44	GRD
3532	937459.72	592424.86	1091.85	0.56	1.84	1090.01	GRD
3533	937455.17	592437.31	1092.15	0.56	1.84	1090.31	GRD
3534	937449.04	592454.86	1091.52	0.56	1.84	1089.68	GRD
3535	937442.66	592472.58	1091.03	0.56	1.84	1089.19	GRD
3536	937436.62	592489.98	1089.96	0.56	1.84	1088.12	GRD
3537	937431.97	592502.06	1089.47	0.56	1.84	1087.63	GRD
3538	937426.92	592515.78	1086.83	0.56	1.84	1084.99	GRD
3539	937421.36	592531.89	1087.11	0.56	1.84	1085.27	GRD
3540	937415.69	592548.41	1086.91	0.56	1.84	1085.07	GRD
3541	937414.40	592551.87	1088.29	0.56	1.84	1086.45	GRD
3542	937412.02	592558.08	1089.16	0.56	1.84	1087.32	GRD

Name	Northing (NAD83)	Easting (NAD 83)	Elevation (NGVD88)	conv (m)	conv (ft)	Elevation (NGVD29)	Description
3543	937405.76	592575.37	1090.06	0.56	1.84	1088.22	GRD
3544	937398.79	592594.01	1090.26	0.56	1.84	1088.42	GRD
3545	937392.61	592612.26	1090.88	0.56	1.84	1089.04	GRD
3546	937385.60	592631.38	1090.98	0.56	1.84	1089.13	GRD
3547	937379.19	592648.94	1090.95	0.56	1.84	1089.11	GRD
3548	937373.02	592666.87	1091.94	0.56	1.84	1090.10	GRD
3549	937368.36	592679.31	1091.43	0.56	1.84	1089.60	GRD
3550	937367.01	592683.44	1091.90	0.56	1.84	1090.07	TOE LEVEE NR 275+00 E
3551	939278.70	593126.66	1098.33	0.56	1.83	1096.49	TOE LEVEE NR 275+00 W
3552	939278.40	593128.54	1097.55	0.56	1.83	1095.71	GRD
3553	939277.34	593144.57	1096.68	0.56	1.83	1094.84	GRD
3554	939275.96	593163.26	1096.14	0.56	1.83	1094.31	GRD
3555	939275.43	593177.50	1096.03	0.56	1.83	1094.19	GRD
3556	939274.54	593191.65	1096.06	0.56	1.83	1094.22	GRD
3557	939273.27	593208.48	1095.99	0.56	1.83	1094.16	GRD
3558	939272.37	593219.81	1097.16	0.56	1.83	1095.32	GRD
3559	939271.81	593228.77	1095.82	0.56	1.83	1093.99	GRD
3560	939271.68	593234.60	1097.09	0.56	1.83	1095.26	GRD
3561	939271.29	593238.72	1095.97	0.56	1.83	1094.13	GRD
3562	939270.59	593249.16	1097.17	0.56	1.83	1095.34	GRD
3563	939270.19	593252.93	1096.22	0.56	1.83	1094.39	GRD
3564	939269.04	593271.38	1096.46	0.56	1.83	1094.62	GRD
3565	939267.92	593289.94	1097.17	0.56	1.83	1095.33	GRD
3566	939266.63	593308.34	1097.05	0.56	1.83	1095.22	GRD
3567	939265.53	593326.08	1097.41	0.56	1.83	1095.57	GRD
3568	939264.61	593342.43	1097.46	0.56	1.83	1095.62	GRD
3569	939264.03	593349.39	1098.12	0.56	1.83	1096.29	GRD
3570	939262.79	593365.57	1097.72	0.56	1.83	1095.88	GRD
3571	939262.28	593375.35	1097.98	0.56	1.83	1096.15	GRD
3572	939262.08	593378.09	1098.58	0.56	1.83	1096.75	TOE LEVEE NR 275+00 E
3573	939916.13	593373.32	1099.49	0.56	1.83	1097.66	TOE LEVEE NR 295+00 W
3574	939914.46	593376.49	1098.76	0.56	1.83	1096.92	GRD
3575	939910.34	593386.61	1098.99	0.56	1.83	1097.16	GRD
3576	939907.24	593394.51	1098.52	0.56	1.83	1096.68	GRD
3577	939904.16	593401.56	1099.13	0.56	1.83	1097.29	GRD
3578	939897.16	593418.64	1098.86	0.56	1.83	1097.03	GRD
3579	939890.49	593434.93	1098.68	0.56	1.83	1096.84	GRD
3580	939885.86	593446.15	1098.97	0.56	1.83	1097.14	GRD
3581	939879.77	593460.16	1098.75	0.56	1.83	1096.92	GRD
3582	939876.27	593468.23	1099.47	0.56	1.83	1097.64	GRD
3583	939869.65	593484.23	1099.00	0.56	1.83	1097.17	GRD
3584	939865.86	593492.86	1098.79	0.56	1.83	1096.95	GRD
3585	939863.62	593499.28	1099.18	0.56	1.83	1097.35	GRD
3586	939861.26	593504.32	1098.43	0.56	1.83	1096.60	GRD
3587	939858.49	593510.42	1098.43	0.56	1.83	1096.59	GRD
3588	939856.37	593515.38	1099.32	0.56	1.83	1097.49	GRD
3589	939853.99	593520.55	1099.15	0.56	1.83	1097.32	GRD
3590	939851.85	593525.57	1099.48	0.56	1.83	1097.64	GRD
3591	939850.02	593531.23	1099.35	0.56	1.83	1097.51	GRD
3592	939847.97	593535.99	1099.95	0.56	1.83	1098.12	GRD
3593	939846.75	593538.20	1100.94	0.56	1.83	1099.11	TOE LEVEE 295+00 E
3594	939875.64	593547.02	1100.50	0.56	1.83	1098.67	TOE LEVEE
3595	939877.02	593543.46	1100.03	0.56	1.83	1098.20	CNC
3596	939884.00	593527.28	1100.11	0.56	1.83	1098.27	CNC
3597	939890.93	593510.77	1100.00	0.56	1.83	1098.16	CNC
3598	939897.69	593494.51	1100.11	0.56	1.83	1098.27	CNC
3599	939902.80	593482.37	1100.17	0.56	1.83	1098.34	CNC
3600	939910.08	593465.39	1100.14	0.56	1.83	1098.31	CNC
3601	939917.47	593447.37	1100.03	0.56	1.83	1098.20	CNC
3602	939925.02	593429.92	1100.08	0.56	1.83	1098.24	CNC
3603	939932.74	593411.38	1100.05	0.56	1.83	1098.21	CNC
3604	939940.27	593393.52	1100.00	0.56	1.83	1098.17	CNC
3605	939943.76	593385.39	1099.89	0.56	1.83	1098.05	TOE LEVEE
3606	940185.65	593517.48	1102.17	0.56	1.83	1100.33	TOE LEVEE NR 302+50 E
3607	940184.44	593519.31	1102.02	0.56	1.83	1100.18	GRD
3608	940177.35	593529.70	1101.68	0.56	1.83	1099.84	GRD
3609	940171.77	593537.53	1100.30	0.56	1.83	1098.47	GRD

Name	Northing (NAD83)	Easting (NAD 83)	Elevation (NGVD88)	conv (m)	conv (ft)	Elevation (NGVD29)	Description
3610	940166.99	593545.02	1099.98	0.56	1.83	1098.14	GRD
3611	940166.14	593546.67	1100.73	0.56	1.83	1098.90	GRD
3612	940160.78	593554.17	1101.00	0.56	1.83	1099.17	GRD
3613	940158.93	593556.53	1100.54	0.56	1.83	1098.71	GRD
3614	940156.01	593561.01	1101.89	0.56	1.83	1100.05	GRD
3615	940153.87	593563.84	1100.50	0.56	1.83	1098.67	GRD
3616	940151.58	593567.29	1099.78	0.56	1.83	1097.94	GRD
3617	940146.17	593575.06	1099.24	0.56	1.83	1097.41	GRD
3618	940145.53	593576.79	1100.65	0.56	1.83	1098.82	GRD
3619	940144.06	593578.60	1099.93	0.56	1.83	1098.10	GRD
3620	940142.75	593580.48	1100.43	0.56	1.83	1098.60	GRD
3621	940140.87	593583.07	1100.14	0.56	1.83	1098.30	GRD
3622	940134.55	593592.88	1100.21	0.56	1.83	1098.38	GRD
3623	940131.69	593597.13	1099.85	0.56	1.83	1098.02	GRD
3624	940127.77	593602.42	1100.59	0.56	1.83	1098.76	GRD
3625	940122.23	593610.89	1101.48	0.56	1.83	1099.65	GRD
3626	940121.16	593612.31	1099.96	0.56	1.83	1098.12	GRD
3627	940118.20	593616.57	1100.15	0.56	1.83	1098.31	GRD
3628	940115.17	593621.11	1101.38	0.56	1.83	1099.55	GRD
3629	940111.55	593626.55	1100.79	0.56	1.83	1098.96	GRD
3630	940108.00	593631.93	1100.68	0.56	1.83	1098.85	GRD
3631	940106.30	593634.02	1101.18	0.56	1.83	1099.34	GRD
3632	940104.19	593637.02	1101.01	0.56	1.83	1099.18	GRD
3633	940099.12	593645.05	1101.83	0.56	1.83	1100.00	GRD
3634	940091.07	593656.18	1102.35	0.56	1.83	1100.52	GRD
3635	940089.67	593658.38	1103.50	0.56	1.83	1101.67	TOE LEVEE
3636	940145.04	593699.63	1102.93	0.56	1.83	1101.10	TOE LEVEE NR 305+00 E
3637	940155.49	593688.22	1102.70	0.56	1.83	1100.87	GRD
3638	940165.06	593678.70	1101.31	0.56	1.83	1099.47	GRD
3639	940169.85	593673.55	1100.64	0.56	1.83	1098.81	GRD
3640	940179.50	593663.32	1100.49	0.56	1.83	1098.65	GRD
3641	940190.55	593652.14	1100.30	0.56	1.83	1098.47	GRD
3642	940192.11	593650.30	1101.02	0.56	1.83	1099.18	GRD
3643	940195.68	593646.99	1100.31	0.56	1.83	1098.48	GRD
3644	940199.79	593641.88	1100.35	0.56	1.83	1098.52	GRD
3645	940205.78	593635.94	1100.04	0.56	1.83	1098.21	GRD
3646	940207.85	593634.05	1100.54	0.56	1.83	1098.71	GRD
3647	940218.70	593622.52	1100.36	0.56	1.83	1098.53	GRD
3648	940231.66	593609.21	1099.96	0.56	1.83	1098.13	GRD
3649	940234.03	593606.49	1100.99	0.56	1.83	1099.15	GRD
3650	940238.27	593602.76	1101.19	0.56	1.83	1099.36	GRD
3651	940239.72	593600.66	1100.26	0.56	1.83	1098.43	GRD
3652	940244.55	593595.26	1101.30	0.56	1.83	1099.47	GRD
3653	940246.55	593593.90	1100.50	0.56	1.83	1098.67	GRD
3654	940257.40	593581.91	1100.91	0.56	1.83	1099.07	GRD
3655	940263.30	593576.23	1102.61	0.56	1.83	1100.78	GRD
3656	940272.86	593565.70	1102.49	0.56	1.83	1100.66	GRD
3657	940274.96	593563.71	1103.21	0.56	1.83	1101.37	TOE LEVEE
3658	940995.40	594188.40	1106.14	0.56	1.83	1104.30	TOE LEVEE NR 315+00 E
3659	940996.92	594184.65	1105.41	0.56	1.83	1103.58	GRD
3660	941004.45	594167.65	1105.51	0.56	1.83	1103.68	GRD
3661	941012.09	594149.87	1105.06	0.56	1.83	1103.22	GRD
3662	941019.87	594132.31	1106.17	0.56	1.83	1104.34	GRD
3663	941024.57	594121.97	1105.90	0.56	1.83	1104.07	GRD
3664	941029.53	594109.67	1106.04	0.56	1.83	1104.21	GRD
3665	941037.08	594093.05	1106.10	0.56	1.83	1104.27	GRD
3666	941043.15	594078.22	1106.05	0.56	1.83	1104.22	GRD
3667	941047.87	594067.26	1106.09	0.56	1.83	1104.26	GRD
3668	941049.88	594063.24	1106.78	0.56	1.83	1104.95	GRD
3669	941052.78	594056.20	1106.88	0.56	1.83	1105.05	GRD
3670	941056.78	594047.15	1105.57	0.56	1.83	1103.74	GRD
3671	941060.48	594038.87	1104.01	0.56	1.83	1102.18	GRD
3672	941061.35	594036.71	1103.16	0.56	1.83	1101.33	GRD
3673	941069.08	594019.18	1102.85	0.56	1.83	1101.02	GRD
3674	941076.18	594001.57	1103.03	0.56	1.83	1101.20	GRD
3675	941081.96	593988.88	1102.69	0.56	1.83	1100.86	GRD
3676	941085.57	593980.47	1102.43	0.56	1.83	1100.60	GRD

Name	Northing (NAD83)	Easting (NAD 83)	Elevation (NGVD88)	conv (m)	conv (ft)	Elevation (NGVD29)	Description
3[illegible]7	941087.74	593976.05	1104.61	0.56	1.83	1102.78	GRD
3[illegible]8	941090.03	593970.48	1105.33	0.56	1.83	1103.50	GRD
3[illegible]9	941095.25	593958.52	1106.06	0.56	1.83	1104.23	GRD
3[illegible]0	941097.33	593953.90	1105.92	0.56	1.83	1104.09	GRD
3[illegible]1	941104.79	593936.95	1107.33	0.56	1.83	1105.50	GRD
3[illegible]2	941112.13	593919.38	1107.75	0.56	1.83	1105.92	GRD
3[illegible]3	941119.32	593902.44	1107.73	0.56	1.83	1105.90	GRD
3[illegible]4	941127.10	593885.67	1107.45	0.56	1.83	1105.62	GRD
3[illegible]5	941128.13	593882.99	1107.84	0.56	1.83	1106.01	TOE LEVEE NR 315+00 W
3[illegible]6	941929.73	594517.64	1112.27	0.56	1.83	1110.44	TOE LEVEE NR 325+00 E
3[illegible]7	941932.34	594511.58	1111.15	0.56	1.83	1109.32	GRD
3[illegible]8	941936.69	594502.89	1110.87	0.56	1.83	1109.04	GRD
3[illegible]9	941937.62	594500.64	1110.15	0.56	1.83	1108.32	GRD
3[illegible]0	941945.74	594482.78	1109.61	0.56	1.83	1107.78	GRD
3[illegible]1	941953.41	594465.65	1109.49	0.56	1.83	1107.66	GRD
3[illegible]2	941960.71	594449.91	1109.63	0.56	1.83	1107.81	GRD
3[illegible]3	941968.78	594432.29	1109.50	0.56	1.83	1107.67	GRD
3[illegible]4	941975.75	594416.60	1109.03	0.56	1.83	1107.20	GRD
3[illegible]5	941983.39	594400.34	1108.22	0.56	1.83	1106.39	GRD
3[illegible]6	941985.52	594396.01	1108.48	0.56	1.83	1106.65	GRD
3[illegible]7	941986.18	594393.60	1108.05	0.56	1.83	1106.22	GRD
3[illegible]8	941993.64	594377.12	1107.73	0.56	1.83	1105.90	GRD
3[illegible]9	941999.01	594365.58	1107.46	0.56	1.83	1105.63	GRD
3[illegible]0	942004.06	594354.47	1107.83	0.56	1.83	1106.00	GRD
3[illegible]1	942005.96	594350.28	1107.54	0.56	1.83	1105.72	GRD
3[illegible]2	942008.71	594344.32	1108.68	0.56	1.83	1106.85	GRD
3[illegible]3	942015.13	594330.07	1109.42	0.56	1.83	1107.59	GRD
3[illegible]4	942022.86	594313.22	1110.03	0.56	1.83	1108.20	GRD
3[illegible]5	942028.70	594300.24	1110.29	0.56	1.83	1108.47	GRD
3[illegible]6	942036.90	594282.90	1110.50	0.56	1.83	1108.67	GRD
3[illegible]7	942044.43	594265.33	1110.95	0.56	1.83	1109.12	GRD
3[illegible]8	942051.40	594250.40	1111.05	0.56	1.83	1109.23	GRD
3[illegible]9	942058.12	594235.60	1111.23	0.56	1.83	1109.40	GRD
3[illegible]0	942062.38	594226.50	1111.75	0.56	1.83	1109.92	GRD
3[illegible]1	942067.27	594215.49	1112.07	0.56	1.83	1110.25	GRD
3[illegible]2	942068.94	594211.93	1112.40	0.56	1.83	1110.57	TOE LEVEE NR 325+00 W
3[illegible]3	943062.63	594354.04	1117.00	0.56	1.83	1115.17	TOE LEVEE NR 335+00 W
3[illegible]4	943062.64	594359.11	1116.05	0.56	1.83	1114.22	GRD
3[illegible]5	943061.99	594368.60	1116.62	0.56	1.83	1114.79	GRD
3[illegible]6	943061.78	594386.77	1116.05	0.56	1.83	1114.22	GRD
3[illegible]7	943060.97	594402.16	1116.43	0.56	1.83	1114.60	GRD
3[illegible]8	943060.26	594419.12	1116.08	0.56	1.83	1114.25	GRD
3[illegible]9	943059.73	594437.79	1115.15	0.56	1.83	1113.32	GRD
3[illegible]0	943058.61	594455.66	1114.62	0.56	1.83	1112.79	GRD
3[illegible]1	943053.38	594467.81	1114.90	0.56	1.83	1113.07	GRD
3[illegible]2	943057.95	594478.81	1114.53	0.56	1.83	1112.70	GRD
3[illegible]3	943057.41	594492.17	1113.79	0.56	1.83	1111.96	GRD
3[illegible]4	943057.02	594504.95	1112.86	0.56	1.83	1111.03	GRD
3[illegible]5	943056.91	594505.78	1111.76	0.56	1.83	1109.93	GRD
3[illegible]6	943056.60	594508.85	1111.77	0.56	1.83	1109.94	GRD
3[illegible]7	943056.61	594512.53	1112.50	0.56	1.83	1110.67	GRD
3[illegible]8	943056.00	594524.63	1112.74	0.56	1.83	1110.91	GRD
3[illegible]9	943056.08	594528.92	1112.01	0.56	1.83	1110.18	GRD
3[illegible]0	943055.69	594533.61	1111.71	0.56	1.83	1109.88	GRD
3[illegible]1	943055.61	594536.47	1112.07	0.56	1.82	1111.25	GRD
3[illegible]2	943055.06	594543.74	1111.74	0.56	1.82	1110.92	GRD
3[illegible]3	943054.76	594555.73	1111.28	0.56	1.82	1110.46	GRD
3[illegible]4	943054.77	594557.33	1112.58	0.56	1.82	1111.76	GRD
3[illegible]5	943054.41	594567.37	1113.85	0.56	1.82	1113.02	GRD
3[illegible]6	943053.64	594586.01	1114.42	0.56	1.82	1113.59	GRD
3[illegible]7	943053.18	594602.42	1114.84	0.56	1.82	1114.02	GRD
3[illegible]8	943052.01	594620.57	1115.53	0.56	1.82	1114.71	GRD
3[illegible]9	943051.70	594636.07	1115.97	0.56	1.82	1115.15	GRD
3[illegible]0	943050.97	594650.14	1116.38	0.56	1.82	1115.56	GRD
3[illegible]1	942920.56	594682.79	1116.52	0.56	1.82	1115.69	TOE LEVEE NR 335+00 E
3[illegible]2	942920.89	594675.55	1115.97	0.56	1.82	1115.15	GRD
3[illegible]3	942921.11	594668.53	1116.16	0.56	1.82	1115.34	GRD

Name	Northing (NAD83)	Easting (NAD 83)	Elevation (NGVD88)	conv (m)	conv (ft)	Elevation (NGVD29)	Description
37[illegible]4	942921.48	594661.00	1116.45	0.56	1.82	111[illegible].63	GRD
37[illegible]5	942921.87	594644.51	1115.61	0.56	1.82	111[illegible].78	GRD
37[illegible]6	942922.44	594626.10	1114.75	0.56	1.82	1112.93	GRD
37[illegible]7	942922.47	594620.85	1114.41	0.56	1.82	111[illegible].59	GRD
37[illegible]8	942923.09	594608.23	1114.71	0.56	1.83	111[illegible]	GRD
37[illegible]9	942923.66	594592.59	1113.84	0.56	1.83	1112.01	GRD
37[illegible]0	942923.91	594571.69	1113.30	0.56	1.83	1111.47	GRD
37[illegible]1	942924.25	594558.04	1112.63	0.56	1.83	1110.81	GRD
37[illegible]2	942924.45	594549.43	1112.06	0.56	1.83	1110.23	GRD
3773	942924.52	594547.09	1111.37	0.56	1.83	1109.55	GRD
3774	942925.02	594541.75	1111.18	0.56	1.83	1109.35	GRD
37[illegible]5	942925.15	594528.69	1110.58	0.56	1.83	1108.75	GRD
37[illegible]6	942925.63	594521.88	1110.95	0.56	1.83	1109.13	GRD
3[illegible]7	942925.95	594519.79	1111.19	0.56	1.83	1109.3[illegible]	GRD
3[illegible]8	942925.45	594511.99	1111.61	0.56	1.83	1[illegible].76	GRD
3[illegible]9	942926.22	594502.83	1112.21	0.56	1.83	1109.38	GRD
3[illegible]0	942926.09	594493.09	1113.06	0.56	1.83	111[illegible].23	GRD
3[illegible]1	942926.65	594482.44	1114.07	0.56	1.83	1112.25	GRD
37[illegible]2	942927.24	594464.22	1114.20	0.56	1.83	1112.37	GRD
37[illegible]3	942927.67	594447.90	1115.05	0.56	1.83	1113.22	GRD
37[illegible]4	942928.00	594426.73	1115.30	0.56	1.83	1113.47	GRD
37[illegible]5	942928.97	594407.54	1115.49	0.56	1.83	1113.67	GRD
37[illegible]6	942929.57	594386.60	1115.84	0.56	1.83	1114.01	GRD
37[illegible]7	943939.98	594775.10	1121.55	0.56	1.82	1119.72	TOE LEVEE NR 345+00 E
37[illegible]8	943940.74	594771.97	1121.01	0.56	1.82	1119.19	GRD
3[illegible]9	943946.84	594754.45	1120.70	0.56	1.82	111[illegible].88	GRD
3[illegible]0	943952.05	594739.68	1120.37	0.56	1.82	1[illegible].54	GRD
3[illegible]1	943957.14	594724.57	1119.19	0.56	1.82	111[illegible].37	GRD
3[illegible]2	943958.96	594719.19	1118.73	0.56	1.82	111[illegible].91	GRD
3[illegible]3	943962.63	594708.91	1119.50	0.56	1.82	11[illegible].68	GRD
3[illegible]4	943968.78	594692.11	1119.65	0.56	1.82	11[illegible]3	GRD
3[illegible]5	943974.20	594675.37	1119.34	0.56	1.82	11[illegible].52	GRD
3[illegible]6	943980.31	594657.83	1118.79	0.56	1.82	11[illegible].7	GRD
3[illegible]7	943984.80	594645.92	1119.10	0.56	1.82	11[illegible].27	GRD
3[illegible]8	943989.80	594630.84	1119.08	0.56	1.82	1117.[illegible]3	GRD
3[illegible]9	943994.04	594618.08	1119.73	0.56	1.82	1117.31	GRD
3[illegible]0	943997.72	594608.89	1119.22	0.56	1.82	1117.40	E/CNC
37[illegible]1	944000.76	594599.03	1119.22	0.56	1.82	1117.40	E/CNC
37[illegible]2	944005.63	594584.62	1118.92	0.56	1.82	1117.10	GRD
3[illegible]3	944012.41	594565.68	1119.43	0.56	1.82	1[illegible].61	GRD
3[illegible]4	944017.43	594551.30	1119.06	0.56	1.82	1[illegible]3	GRD
3[illegible]5	944019.19	594545.77	1119.37	0.56	1.82	11[illegible]4	GRD
37[illegible]3	944024.01	594533.10	1119.49	0.56	1.82	1[illegible].7	GRD
37[illegible]7	944026.60	594524.86	1119.87	0.56	1.82	11[illegible].95	GRD
37[illegible]8	944028.38	594520.16	1119.00	0.56	1.82	11[illegible].7	GRD
3[illegible]9	944029.84	594514.75	1119.68	0.56	1.82	1117.[illegible]6	GRD
3[illegible]0	944034.70	594501.83	1120.43	0.56	1.82	11[illegible]1	GRD
3[illegible]1	944036.16	594496.83	1119.16	0.56	1.82	11[illegible]4	GRD
3[illegible]2	944041.52	594482.19	1118.80	0.56	1.82	11[illegible]8	TOE LEVEE NR 345+00 W
3[illegible]3	944304.29	595104.13	1127.06	0.56	1.82	11[illegible]4	TOE LEVEE NR 355+00 E
3[illegible]4	944314.54	595088.30	1126.38	0.56	1.82	11[illegible].56	GRD
3[illegible]5	944324.32	595073.31	1125.17	0.56	1.82	11[illegible]5	GRD
3[illegible]6	944333.50	595059.83	1123.95	0.56	1.82	11[illegible]3	GRD
3[illegible]7	944341.19	595047.72	1123.77	0.56	1.82	11[illegible].95	GRD
3[illegible]8	944348.61	595035.85	1122.83	0.56	1.82	11[illegible]1	GRD
37[illegible]9	944351.06	595032.70	1121.10	0.56	1.82	11[illegible]8	GRD
3[illegible]0	944352.95	595029.57	1120.85	0.56	1.82	11[illegible]3	GRD
3[illegible]1	944357.80	595021.72	1121.78	0.56	1.82	11[illegible].06	GRD
3[illegible]2	944364.67	595011.74	1122.00	0.56	1.82	11[illegible].18	GRD
3[illegible]3	944367.00	595008.04	1122.74	0.56	1.82	11[illegible]2	GRD
3[illegible]4	944368.97	595004.84	1123.18	0.56	1.32	1[illegible].36	GRD
3[illegible]5	944371.73	595001.26	1124.80	0.56	1.32	1122.[illegible]8	GRD
3[illegible]6	944375.02	594995.70	1126.02	0.56	1.82	11[illegible].20	GRD
3[illegible]7	944385.47	594979.65	1125.66	0.56	1.82	11[illegible].84	GRD
3[illegible]8	944396.40	594962.76	1125.67	0.56	1.32	11[illegible]5	GRD
3[illegible]9	944408.57	594944.70	1125.67	0.56	1.32	11[illegible]5	GRD
3[illegible]0	944417.43	594930.73	1125.99	0.56	1.82	11[illegible].7	GRD

Name	Northing (NAD83)	Easting (NAD 83)	Elevation (NGVD88)	conv (m)	conv (ft)	Elevation (NGVD29)	Description
3[illegible]1	9[illegible]4926.74	594916.41	1125.71	0.56	1.82	1[illegible]3.89	GRD
3[illegible]2	9[illegible]4937.80	594899.13	1125.57	0.56	1.82	1123.75	GRD
3[illegible]3	9[illegible]4947.40	594884.75	1124.66	0.56	1.82	1122.84	GRD
3[illegible]4	9[illegible]4954.87	594873.10	1124.24	0.56	1.82	1122.42	GRD
3[illegible]5	9[illegible]4966.44	594855.77	1124.33	0.56	1.82	1122.51	GRD
3[illegible]6	94[illegible]970.07	594850.40	1124.13	0.56	1.82	1122.31	GRD
3817	94[illegible]973.12	594844.78	1124.85	0.56	1.82	1123.03	GRD
3[illegible]18	94[illegible]980.27	594834.66	1125.41	0.56	1.82	1123.59	GRD
3819	9[illegible]985.27	594826.57	1125.15	0.56	1.82	1123.33	GRD
3820	9[illegible]986.67	594824.59	1125.40	0.56	1.82	1123.58	TOE LEVEE NR 355+00 W
3[illegible]21	9[illegible]1060.56	602246.55	1162.03	0.55	1.81	1160.22	TOE LEVEE
3[illegible]2	9[illegible]1062.87	602243.70	1161.21	0.55	1.81	1159.40	GRD
3[illegible]3	9[illegible]1075.51	602232.20	1161.21	0.55	1.81	1[illegible]9.40	GRD
3[illegible]4	9[illegible]1088.45	602221.08	1161.45	0.55	1.81	1[illegible].64	GRD
3[illegible]5	9[illegible]1097.85	602211.64	1160.77	0.55	1.81	1[illegible].96	GRD
3[illegible]6	9[illegible]1102.45	602207.86	1161.16	0.55	1.81	1159.35	GRD
3[illegible]7	9[illegible]1107.75	602202.54	1160.56	0.55	1.81	1159.75	GRD
3[illegible]8	9[illegible]1115.05	602196.04	1161.17	0.55	1.81	11[illegible].37	GRD
3[illegible]9	9[illegible]1121.85	602190.25	1160.64	0.55	1.81	11[illegible].83	GRD
3[illegible]0	9[illegible]1132.33	602179.84	1161.09	0.55	1.81	11[illegible].28	GRD
3[illegible]1	9[illegible]1134.72	602178.00	1160.24	0.55	1.81	1158.43	GRD
3[illegible]2	95[illegible]1138.12	602174.68	1161.16	0.55	1.81	1159.35	GRD
3[illegible]3	9[illegible]1142.99	602170.31	1160.93	0.55	1.81	1159.12	GRD
3[illegible]4	9[illegible]1150.36	602163.47	1160.63	0.55	1.81	11[illegible]8.82	GRD
3[illegible]5	9[illegible]1153.14	602161.43	1159.91	0.55	1.81	11[illegible]8.10	GRD
3[illegible]6	9[illegible]1160.29	602154.90	1160.29	0.55	1.81	11[illegible].48	GRD
3[illegible]7	951169.24	602146.49	1160.11	0.55	1.81	1[illegible].30	GRD
3[illegible]8	9[illegible]1179.44	602137.33	1159.76	0.55	1.81	11[illegible].95	GRD
3[illegible]9	9[illegible]1188.03	602128.60	1159.38	0.55	1.81	115[illegible].57	GRD
3[illegible]0	9[illegible]1201.20	602116.42	1159.83	0.55	1.81	11[illegible].02	GRD
3[illegible]1	9[illegible]1202.80	602114.69	1160.40	0.55	1.81	11[illegible]	GRD
3[illegible]2	9[illegible]1207.99	602110.24	1159.61	0.55	1.81	11[illegible]	GRD
3[illegible]3	9[illegible]1210.92	602107.91	1160.64	0.55	1.81	11[illegible].83	GRD
3[illegible]4	9[illegible]1214.44	602105.30	1159.51	0.55	1.81	11[illegible].71	GRD
3[illegible]5	9[illegible]1219.37	602099.94	1160.32	0.55	1.81	115[illegible].51	GRD
3[illegible]6	9[illegible]1224.44	602095.03	1159.82	0.55	1.81	11[illegible].01	GRD
3[illegible]7	9[illegible]1230.72	602089.82	1160.34	0.55	1.81	11[illegible].53	GRD
3[illegible]8	9[illegible]1235.64	602085.27	1160.72	0.55	1.81	11[illegible].92	GRD
3[illegible]9	9[illegible]1236.95	602083.75	1159.92	0.55	1.81	11[illegible].11	GRD
3[illegible]0	9[illegible]1241.00	602079.78	1160.47	0.55	1.81	11[illegible].66	GRD
3[illegible]1	9[illegible]1246.32	602075.64	1160.90	0.55	1.81	11[illegible]	GRD
3[illegible]2	9[illegible]4249.29	602071.91	1160.37	0.55	1.81	11[illegible].57	GRD
3[illegible]3	9[illegible]4254.03	602068.48	1161.10	0.55	1.81	11[illegible]9	GRD
3[illegible]4	9[illegible]4259.54	602063.02	1160.83	0.55	1.81	11[illegible]3	GRD
3[illegible]5	9[illegible]4261.54	602061.15	1160.52	0.55	1.81	11[illegible]	GRD
3[illegible]6	9[illegible]4268.69	602054.62	1160.73	0.55	1.81	115[illegible]	GRD
3[illegible]7	9[illegible]4273.28	602049.92	1160.28	0.55	1.81	11[illegible].47	GRD
3[illegible]8	9[illegible]4283.48	602040.52	1161.73	0.55	1.81	115[illegible].93	TOE LEVEE
3[illegible]9	9[illegible]4307.13	602061.38	1165.07	0.55	1.81	116[illegible].26	TOE LEVEE SK 25+00 N
3[illegible]0	9[illegible]4302.88	602063.49	1164.27	0.55	1.81	11[illegible].46	CNC
3[illegible]1	9[illegible]4290.65	602075.02	1164.32	0.55	1.81	11[illegible].51	CNC
3[illegible]2	9[illegible]4276.31	602088.43	1164.49	0.55	1.81	11[illegible]	CNC
3[illegible]3	9[illegible]4262.07	602101.43	1164.46	0.55	1.81	11[illegible]	CNC
3[illegible]4	9[illegible]4246.52	602115.72	1164.34	0.55	1.81	11[illegible]	CNC
3[illegible]5	9[illegible]4231.80	602129.28	1164.23	0.55	1.81	11[illegible]	CNC
3[illegible]6	9[illegible]4217.07	602142.85	1164.27	0.55	1.81	11[illegible].47	CNC
3[illegible]7	9[illegible]4202.71	602156.24	1164.33	0.55	1.81	11[illegible]	CNC
3[illegible]8	9[illegible]4187.92	602170.05	1164.21	0.55	1.81	11[illegible]	CNC
3[illegible]9	9[illegible]4173.22	602183.38	1164.32	0.55	1.81	11[illegible]	CNC
3[illegible]0	9[illegible]4158.55	602196.76	1164.38	0.55	1.81	11[illegible]	CNC
3[illegible]1	9[illegible]4143.75	602210.26	1164.43	0.55	1.81	11[illegible]	CNC
3[illegible]2	9[illegible]4129.03	602224.26	1164.18	0.55	1.81	11[illegible]	CNC
3[illegible]3	9[illegible]4114.47	602237.69	1164.18	0.55	1.81	11[illegible]	CNC
3[illegible]4	9[illegible]4099.33	602251.04	1164.24	0.55	1.81	11[illegible]	CNC
3[illegible]5	9[illegible]4087.63	602262.06	1164.34	0.55	1.81	11[illegible]	CNC
3[illegible]6	9[illegible]4081.40	602267.91	1164.34	0.55	1.81	11[illegible]	CNC
3[illegible]7	9[illegible]4079.67	602269.18	1164.94	0.55	1.81	11[illegible]	TOE LEVEE SK 25+00 S

Name	Northing (NAD83)	Easting (NAD 83)	Elevation (NGVD88)	conv (m)	conv (ft)	Elevation (NGVD29)	Description
3[illegible]8	954750.28	602543.47	1169.21	0.55	1.81	1167.40	TOE LEVEE SK 31+50 N
3[illegible]9	954741.01	602550.48	1167.95	0.55	1.81	11[illegible].14	GRD
3[illegible]0	954727.92	602559.44	1166.33	0.55	1.81	11[illegible].52	GRD
3[illegible]1	954713.53	602569.85	1166.13	0.55	1.81	11[illegible]	GRD
3[illegible]2	954701.11	602578.37	1165.89	0.55	1.81	11[illegible]	GRD
3083	954694.48	602583.42	1165.23	0.55	1.81	11[illegible]	GRD
3084	954686.04	602589.47	1165.10	0.55	1.81	11[illegible]	GRD
3[illegible]5	954679.12	602594.61	1164.88	0.55	1.81	11[illegible].07	GRD
3[illegible]6	954675.01	602597.32	1165.84	0.55	1.81	11[illegible].03	GRD
3[illegible]7	954666.37	602603.47	1166.79	0.55	1.81	11[illegible].98	GRD
3[illegible]8	954657.19	602610.13	1167.58	0.55	1.81	11[illegible].78	GRD
3[illegible]9	954649.15	602615.97	1167.79	0.55	1.81	11[illegible]9	GRD
3[illegible]0	954642.04	602620.88	1167.38	0.55	1.81	11[illegible].57	GRD
3[illegible]1	954632.13	602628.21	1167.85	0.55	1.81	11[illegible]	GRD
3[illegible]2	954628.46	602630.22	1167.66	0.55	1.81	11[illegible]	GRD
3[illegible]3	954624.19	602633.52	1168.29	0.55	1.81	11[illegible]	GRD
3[illegible]4	954617.13	602638.86	1168.67	0.55	1.81	11[illegible]	GRD
3[illegible]5	954613.90	602641.20	1167.61	0.55	1.81	1165.50	GRD
3[illegible]6	954604.63	602647.39	1166.10	0.55	1.81	11[illegible]	GRD
3[illegible]7	954599.59	602650.85	1165.43	0.55	1.81	11[illegible]	GRD
3[illegible]8	954591.63	602656.86	1166.07	0.55	1.81	11[illegible]	GRD
3[illegible]9	954583.79	602662.84	1165.13	0.55	1.81	11[illegible]	GRD
3[illegible]0	954576.54	602667.52	1164.70	0.55	1.81	11[illegible]	GRD
3[illegible]1	954572.73	602671.54	1165.02	0.55	1.81	11[illegible]	GRD
3[illegible]2	954444.55	602762.05	1166.46	0.55	1.81	11[illegible]	TOE LEVEE SK 31+00 S
3[illegible]3	954456.54	602753.57	1166.39	0.55	1.81	11[illegible]	GRD
3[illegible]4	954467.36	602745.68	1165.84	0.55	1.81	11[illegible]	GRD
3[illegible]5	954473.42	602741.45	1167.10	0.55	1.81	11[illegible]	GRD
3[illegible]6	954481.17	602735.90	1167.67	0.55	1.81	11[illegible]	GRD
3[illegible]7	954485.24	602732.85	1167.32	0.55	1.81	11[illegible]	GRD
3[illegible]8	954489.07	602730.30	1166.25	0.55	1.81	11[illegible]	GRD
3[illegible]9	954496.40	602725.16	1167.13	0.55	1.81	11[illegible]	GRD
3[illegible]0	954509.35	602719.75	1166.39	0.55	1.81	11[illegible]	GRD
3[illegible]1	954517.44	602714.15	1165.86	0.55	1.81	11[illegible]	GRD
3[illegible]2	954[illegible]3.54	602709.74	1164.96	0.55	1.81	116[illegible]	GRD
3[illegible]3	95[illegible]2.45	600738.34	1145.34	0.55	1.81	1143.[illegible]	TOE LEVEE
3[illegible]4	952[illegible].83	600732.74	1143.95	0.55	1.81	1142.[illegible]	GRD
3[illegible]5	952402.12	600730.89	1143.82	0.55	1.81	1142.[illegible]	GRD
3[illegible]6	952415.10	600719.79	1144.26	0.55	1.81	1142.[illegible]	GRD
3[illegible]7	952419.68	600716.42	1144.33	0.55	1.81	1142.[illegible]	GRD
3[illegible]8	952434.62	600705.02	1143.60	0.55	1.81	1141.[illegible]	GRD
3[illegible]9	952445.71	600695.17	1143.67	0.55	1.81	1141.[illegible]	GRD
3[illegible]0	952457.92	600685.57	1143.52	0.55	1.81	114[illegible]	GRD
3[illegible]1	952472.78	600673.37	1143.52	0.55	1.81	114[illegible]	GRD
3[illegible]2	952480.83	600666.27	1143.69	0.55	1.81	114[illegible]	GRD
3[illegible]3	952486.64	600662.00	1143.11	0.55	1.81	114[illegible]	GRD
3[illegible]4	952500.45	600650.52	1143.34	0.55	1.81	114[illegible]	GRD
3[illegible]5	952512.36	600641.75	1143.27	0.55	1.81	114[illegible]	GRD
3[illegible]6	952524.42	600631.79	1143.70	0.55	1.81	1141.[illegible]	GRD
3[illegible]7	952530.51	600625.95	1143.62	0.55	1.81	1141.[illegible]	GRD
3[illegible]8	952[illegible]4.37	600615.58	1143.69	0.55	1.81	1141.[illegible]	GRD
3[illegible]9	952[illegible].56	600607.96	1143.52	0.55	1.81	1141.[illegible]	GRD
3[illegible]0	952[illegible].90	600599.99	1143.21	0.55	1.81	1141.[illegible]	GRD
3[illegible]1	952[illegible].46	600593.26	1143.18	0.55	1.81	1141.[illegible]	GRD
3[illegible]2	952579.29	600587.69	1144.69	0.55	1.81	1142.[illegible]	TOE LEVEE
3[illegible]3	952615.91	600621.40	1144.78	0.55	1.81	1142.[illegible]	TOE LEVEE NR 451+54 W
3[illegible]4	952609.97	600626.06	1144.40	0.55	1.81	114[illegible]	NC
3[illegible]5	952596.09	600637.71	1144.34	0.55	1.81	114[illegible]	NC
3[illegible]6	952580.99	600649.84	1144.60	0.55	1.81	114[illegible]	NC
3[illegible]7	952566.02	600661.30	1144.58	0.55	1.81	114[illegible]	NC
3[illegible]8	952552.36	600673.11	1144.56	0.55	1.81	114[illegible]	NC
3[illegible]9	952539.23	600684.49	1144.46	0.55	1.81	1142.66	NC
3[illegible]0	952523.91	600696.35	1144.25	0.55	1.81	1142.45	NC
3[illegible]1	952[illegible].20	600697.59	1143.26	0.55	1.81	1141.45	NC
3[illegible]2	952[illegible].18	600702.42	1143.33	0.55	1.81	1141.[illegible]	NC
3[illegible]3	952515.19	600703.18	1143.54	0.55	1.81	1141.[illegible]	NC
3[illegible]4	952514.28	600703.76	1144.34	0.55	1.81	114[illegible]	NC

Nam	Northing (NAD83)	Easting (NAD 83)	Elevation (NGVD88)	conv (m)	conv (ft)	Elevation (NGVD29)	Description
3 5	952499.06	600716.23	1144.83	0.55	1.81	1143.02	CNC
3 6	952483.73	600728.83	1144.90	0.55	1.81	1143.10	CNC
3 7	952468.62	600741.04	1144.93	0.55	1.81	1143.12	CNC
3 8	952452.51	600754.17	1144.70	0.55	1.81	1142.89	CNC
3 9	952436.14	600767.61	1144.63	0.55	1.81	1142.83	CNC
3 0	952426.38	600775.21	1144.64	0.55	1.81	1142.83	CNC
3 1	952422.52	600778.89	1144.55	0.55	1.81	1142.74	TOE LEVEE NR 451+54 E
3 2	952493.55	600900.99	1154.87	0.55	1.81	1153.06	TOE LEVEE NR 452+60 E
3 3	952509.43	600887.97	1154.54	0.55	1.81	1152.73	CNC
3 4	952524.45	600875.81	1154.50	0.55	1.81	1152.69	CNC
3 5	952537.65	600865.44	1154.59	0.55	1.81	1152.78	CNC
3 6	952553.19	600852.65	1154.69	0.55	1.81	1152.88	CNC
3 7	952569.40	600839.90	1154.73	0.55	1.81	1152.92	CNC
3 8	952584.41	600827.69	1154.68	0.55	1.81	[illegible]	CNC
3 9	952599.75	600815.32	1154.65	0.55	1.81	[illegible]	CNC
3 0	952615.09	600803.13	1154.70	0.55	1.81	[illegible]	CNC
3 1	952630.52	600790.56	1154.75	0.55	1.81	[illegible]	CNC
3 2	952646.84	600777.54	1154.80	0.55	1.81	[illegible]	CNC
3 3	952663.09	600765.29	1154.79	0.55	1.81	[illegible]	CNC
3 4	952677.80	600752.69	1154.75	0.55	1.81	[illegible]	CNC
3 5	952693.26	600740.17	1154.75	0.55	1.81	[illegible]	CNC
3 6	952706.42	600729.54	1154.59	0.55	1.81	1152.79	CNC
3 7	952710.91	600725.90	1154.72	0.55	1.81	1152.91	TOE LEVEE NR 452+60 W
3 8	953426.15	600889.69	1158.49	0.55	1.81	[illegible]	TOE LEVEE NR 460+00 W
3 9	953426.77	600907.57	1158.95	0.55	1.81	[illegible]	GRD
3 0	953425.37	600928.15	1158.81	0.55	1.81	[illegible]	GRD
3 1	953424.91	600941.60	1158.71	0.55	1.81	[illegible]	GRD
3 2	953424.54	600948.37	1158.18	0.55	1.81	[illegible]	GRD
3 3	953424.63	600962.17	1158.17	0.55	1.81	[illegible]	GRD
3 4	953424.24	600976.20	1157.47	0.55	1.81	[illegible]	GRD
3 5	953422.65	600983.03	1157.26	0.55	1.81	[illegible]	GRD
3 6	953423.01	600993.69	1157.34	0.55	1.81	[illegible]	GRD
3 7	953422.02	600999.96	1157.11	0.55	1.81	[illegible]	GRD
3 8	953421.57	601011.86	1157.51	0.55	1.81	[illegible]	GRD
3 9	953420.20	601028.98	1157.76	0.55	1.81	[illegible]	GRD
3 0	953420.87	601045.74	1157.79	0.55	1.81	[illegible]	GRD
3 1	953420.56	601063.39	1157.82	0.55	1.81	[illegible]	GRD
3 2	953420.30	601083.94	1157.97	0.55	1.81	[illegible]	GRD
3 3	953421.77	601103.63	1157.73	0.55	1.81	[illegible]	GRD
3 4	953421.37	601124.99	1157.44	0.55	1.81	[illegible]	GRD
3 5	953421.19	601141.74	1157.55	0.55	1.81	[illegible]	GRD
3 6	953420.70	601154.32	1157.36	0.55	1.81	[illegible]	GRD
3 7	953420.81	601163.40	1156.67	0.55	1.81	[illegible]	GRD
3 8	953420.22	601173.17	1156.76	0.55	1.81	[illegible]	GRD
3 9	953420.25	601178.08	1157.07	0.55	1.81	[illegible]	GRD
3 0	953420.40	601184.08	1156.57	0.55	1.81	[illegible]	GRD
3 1	954433.44	600899.50	1164.61	0.55	1.81	[illegible]	TOE LEVEE NR 470+00 W
3 2	954433.25	600905.70	1164.28	0.55	1.81	[illegible]	GRD
3 3	954432.78	600919.92	1164.16	0.55	1.81	[illegible]	GRD
3 4	954432.13	600938.36	1163.69	0.55	1.81	[illegible]	GRD
3 5	954431.74	600955.18	1163.89	0.55	1.81	[illegible]	GRD
3 6	954431.36	600964.13	1163.90	0.55	1.81	[illegible]	GRD
3 7	954431.05	600977.40	1163.27	0.55	1.81	[illegible]	GRD
3 8	954430.80	600984.55	1162.57	0.55	1.81	[illegible]	GRD
3 9	954430.53	600994.54	1162.15	0.55	1.81	[illegible]	GRD
4 0	954430.70	600998.82	1161.77	0.55	1.81	[illegible]	GRD
4 1	954430.27	601002.63	1161.41	0.55	1.81	[illegible]	GRD
4 2	954430.19	601006.02	1161.84	0.55	1.81	[illegible]	GRD
4 3	954430.24	601017.37	1161.33	0.55	1.81	[illegible]	GRD
4 4	954429.85	601023.32	1161.89	0.55	1.81	[illegible]	GRD
4 5	954429.44	601032.30	1164.79	0.55	1.81	[illegible]	GRD
4 6	954428.88	601048.36	1164.72	0.55	1.81	[illegible]	GRD
4 7	954428.61	601058.32	1165.51	0.55	1.81	[illegible]	GRD
4 8	954428.36	601069.16	1166.34	0.55	1.81	[illegible]	GRD
4 9	954427.85	601087.55	1166.64	0.55	1.81	[illegible]	GRD
4 0	954427.44	601105.09	1167.05	0.55	1.81	[illegible]	GRD
4 1	954427.02	601120.52	1167.31	0.55	1.81	[illegible]	GRD

Name	Northing (NAD83)	Easting (NAD 83)	Elevation (NGVD88)	conv (m)	conv (ft)	Elevation (NGVD	Description
4 2	954426.27	601133.48	1167.79	0.55	1.81	11	RD
4 3	954426.23	601139.79	1168.10	0.55	1.81	11	RD
4014	954425.86	601151.28	1169.54	0.55	1.81	11	RD
4015	954425.40	601163.54	1171.42	0.55	1.81	11	RD
4 6	954425.18	601174.25	1174.31	0.55	1.81	11	RD
4 7	954424.92	601184.77	1176.39	0.55	1.81	1174	RD
4 8	954424.58	601194.29	1176.91	0.55	1.81	1175	RD
4 9	953053.76	601431.67	1158.67	0.55	1.81	1156	OE LEVEE NR 461+31 E
4 0	953056.18	601429.68	1158.46	0.55	1.81	115	RD
4 1	953059.67	601426.62	1158.59	0.55	1.81	11	RD
4 2	953065.58	601421.78	1158.12	0.55	1.81	11	RD
4 3	953075.12	601414.54	1158.13	0.55	1.81	11	RD
4 4	953083.12	601407.52	1157.99	0.55	1.81	11	RD
4 5	953091.32	601400.71	1158.18	0.55	1.81	11	RD
4 6	953105.01	601390.02	1158.08	0.55	1.81	11	RD
4 7	953116.27	601380.45	1157.74	0.55	1.81	115	RD
4 8	953130.65	601369.17	1157.00	0.55	1.81	11	RD
4 9	953140.13	601361.97	1156.15	0.55	1.81	11	RD
4 0	953152.55	601351.99	1155.30	0.55	1.81	11	RD
4 1	953165.72	601341.35	1155.34	0.55	1.81	115	RD
4 2	953173.82	601335.05	1154.88	0.55	1.81	115	RD
4 3	953179.18	601330.16	1155.11	0.55	1.81	11	RD
4 4	953183.77	601326.63	1155.94	0.55	1.81	11	RD
4 5	953188.03	601323.44	1156.04	0.55	1.81	11	RD
4 6	953194.50	601318.64	1156.43	0.55	1.81	11	RD
4 7	953205.42	601309.80	1156.91	0.55	1.81	11	RD
4 8	953218.07	601299.22	1156.73	0.55	1.81	11	RD
4 9	953221.31	601296.41	1156.48	0.55	1.81	11	RD
4 0	953228.46	601290.91	1157.08	0.55	1.81	11	RD
4 1	953237.16	601284.03	1157.14	0.55	1.81	115	RD
4 2	953248.50	601274.61	1156.86	0.55	1.81	11	RD
4 3	953262.70	601263.03	1156.90	0.55	1.81	11	RD
4 4	953274.16	601254.18	1157.13	0.55	1.81	11	RD
4 5	953284.01	601246.30	1157.22	0.55	1.81	11	RD
4 1	918237.97	586096.66	1046.59	0.58	1.90	10	OP LEVEE
4 2	919246.97	586398.01	1049.15	0.58	1.89	10	OP LEVEE
4 3	918240.40	586087.19	1037.97	0.58	1.90	10	OE LEVEE
4 4	918244.05	586071.41	1038.07	0.58	1.90	10	RD
4 5	918245.46	586065.97	1035.31	0.58	1.90	10	RD
4 6	918246.08	586063.55	1035.08	0.58	1.90	10	RD
4 7	918247.53	586057.45	1032.97	0.58	1.90	10	RD
4 8	918250.32	586045.32	1032.39	0.58	1.90	10	RD
4 9	918253.18	586026.94	1033.60	0.58	1.90	10	RD
4 0	918257.31	586017.91	1033.31	0.58	1.90	10	RD
4 1	918258.71	586011.35	1032.52	0.58	1.90	10	RD
4 2	918260.64	586002.91	1033.20	0.58	1.90	10	RD
4 3	918262.42	585994.72	1034.40	0.58	1.90	10	RD
4 4	918264.11	585982.04	1033.96	0.58	1.90	10	RD
4 5	918266.53	585975.56	1033.85	0.58	1.90	10	RD
4 6	918267.46	585971.28	1034.67	0.58	1.90	10	RD
4 7	918270.17	585963.35	1034.35	0.58	1.90	10	RD
4 8	918273.59	585949.41	1034.18	0.58	1.90	10	RD
4 9	918276.07	585935.36	1035.07	0.58	1.90	1	RD
4 0	918279.75	585922.47	1034.74	0.58	1.90	1	RD
4 1	918282.03	585911.08	1035.51	0.58	1.90	1	RD
4 2	918284.58	585904.45	1035.18	0.58	1.90	1	RD
4 3	918286.72	585898.86	1035.51	0.58	1.90	1	RD
4 4	918289.18	585884.71	1035.22	0.58	1.90	1	RD
4 5	918291.63	585873.16	1035.30	0.58	1.90	1	RD
4 6	918293.36	585866.28	1034.29	0.58	1.90	1	RD
4 7	918294.36	585861.26	1034.61	0.58	1.90	1	RD
4 8	918297.15	585852.29	1033.76	0.58	1.90	1	RD
4 9	918298.03	585846.67	1032.66	0.58	1.90	1	RD
4 0	918296.78	585843.49	1033.16	0.58	1.90	1	RD
4 1	918301.97	585830.63	1033.41	0.58	1.90	1	RD
4 2	918304.90	585818.35	1034.58	0.58	1.90	1	RD
4 3	918308.90	585803.10	1034.98	0.58	1.90	1	RD

Nam	Northing (NAD83)	Easting (NAD 83)	Elevation (NGVD88)	conv (m)	conv (ft)	Elevation (NGV	Description
4 4	918311.62	585792.25	1035.11	0.58	1.90	1	RD
4 5	919255.52	586384.71	1033.33	0.58	1.89	1	TOE LEVEE
4 6	919259.66	586377.96	1032.98	0.58	1.89	1	RD
4 7	919269.31	586362.89	1033.16	0.58	1.89	1	RD
4 8	919277.29	586350.32	1033.81	0.58	1.89	1	RD
4 9	919286.94	586335.27	1033.74	0.58	1.89	1	RD
4 0	919295.42	586321.61	1033.84	0.58	1.89	1	RD
4 1	919299.87	586314.98	1033.50	0.58	1.89	1	RD
4 2	919303.29	586309.20	1034.10	0.58	1.89	1	RD
4 3	919308.84	586300.49	1033.69	0.58	1.89	1	RD
4 4	919315.03	586291.32	1034.25	0.58	1.89	1	RD
4 5	919321.82	586280.96	1033.82	0.58	1.89	1	RD
4 6	919325.42	586274.86	1033.69	0.58	1.89	1	RD
4 7	919330.16	586258.81	1034.10	0.58	1.89	1	RD
4 8	919345.36	586243.57	1033.97	0.58	1.89	1	RD
4 9	919354.94	586228.97	1034.21	0.58	1.89	1	RD
4 0	919363.02	586216.43	1033.85	0.58	1.89	1	RD
4 1	919365.50	586212.90	1034.00	0.58	1.89	1	RD
4 2	919371.11	586203.36	1038.20	0.58	1.89	1	RD
4 3	919372.69	586200.86	1037.85	0.58	1.89	1	RD
4 4	919375.64	586196.27	1038.06	0.58	1.89	1	RD
4 5	919379.76	586190.52	1037.67	0.58	1.89	1	RD
4 6	919390.64	586173.11	1037.80	0.58	1.89	1	RD
4 7	919392.95	586169.42	1038.13	0.58	1.89	1	RD
4 8	919395.18	586165.96	1037.56	0.58	1.89	1	RD
4 9	919405.36	586150.35	1037.45	0.58	1.89	1	RD
4 0	919410.00	586135.06	1037.22	0.58	1.89	1	RD
4 1	926850.79	590472.68	1058.39	0.57	1.86	1	OE LEVEE
4 2	926857.61	590466.63	1057.57	0.57	1.86	1	RD
4 3	926860.43	590448.57	1057.31	0.57	1.86	1	RD
4 4	926860.75	590427.98	1057.80	0.57	1.86	1	RD
4 5	926871.62	590409.22	1057.70	0.57	1.86	1	RD
4 6	926874.84	590388.31	1057.66	0.57	1.86	1	RD
4 7	926880.68	590368.65	1057.44	0.57	1.86	1	RD
4 8	926885.06	590350.61	1056.09	0.57	1.86	1	RD
4 9	926889.01	590335.16	1054.91	0.57	1.86	1	RD
4 0	926893.17	590319.45	1054.71	0.57	1.86	1	RD
4 1	926893.89	590315.36	1053.89	0.57	1.86	1	RD
4 2	926895.09	590308.15	1054.52	0.57	1.86	1	RD
4 3	926897.11	590293.63	1054.89	0.57	1.86	1	RD
4 4	926900.30	590286.59	1057.09	0.57	1.86	1	RD
4 5	926900.23	590263.16	1056.46	0.57	1.86	1	RD
4 6	926907.91	590255.48	1055.99	0.57	1.86	1	RD
4 7	926910.44	590242.96	1055.57	0.57	1.86	1	RD
4 8	926914.20	590227.63	1056.33	0.57	1.86	1	RD
4 9	926918.39	590207.51	1057.01	0.57	1.86	1	RD
4 0	926923.65	590187.01	1057.34	0.57	1.86	1	RD
4 1	926928.92	590166.22	1057.04	0.57	1.86	1	RD
4 2	926933.26	590147.87	1057.12	0.57	1.86	1	RD
4 3	926937.97	590126.77	1057.25	0.57	1.86	1	RD
4 4	926942.60	590107.53	1057.39	0.57	1.86	1	RD
4 5	926946.79	590087.91	1056.18	0.57	1.86	1	RD
4 6	926950.68	590074.44	1056.49	0.57	1.86	1	RD
4 7	926951.38	590070.04	1054.31	0.57	1.86	1	RD
4 8	926953.44	590061.34	1054.11	0.57	1.86	1	RD
4 9	926955.76	590056.72	1055.69	0.57	1.86	1	RD
4 0	926955.83	590049.84	1055.71	0.57	1.86	1	RD
4 1	926959.57	590034.34	1055.07	0.57	1.86	1	RD
4 2	926963.59	590020.55	1055.63	0.57	1.86	1	RD
4 3	926963.94	590016.48	1055.17	0.57	1.86	1	RD
4 4	926965.20	590010.53	1056.60	0.57	1.86	1	RD
4 5	926968.39	589996.76	1057.14	0.57	1.86	1	RD
4 6	926971.76	589982.79	1057.52	0.57	1.86	1	RD

Raw Data
For the
Land Subsidence Evaluation of the Upper Agua Fria Levees
FCD Contract No. 99-067, Assignment 1
Tasks 1 and portions of Tasks 4 and 5
(Lower Buckeye Road to Indian School Road)

Surveyed By;
SurvNet, Inc.
150 N. Stapley #105
Mesa, AZ 85203
(480)835-9070

Provided for:
Premier Engineering Corporation
1600 W. Broadway Rd. #165
Tempe, AZ 85282
(480)829-6000

5/11/22

Registered Land Surveyor
CERTIFICATE NO.
28724
MATTHEW A.
GRAHAM
Date Signed
ARIZONA, U.S.A.

SC V07 Copyright Trimble Navigation Ltd, 1996.
Serial no 9 15-May-00 09:32
Angle Degrees Dist Feet Press inch Hg
Temp Fahrenheit Coord N-E-Elv H.obs Right

JOB Job ID 4004ph1
Atmos crn No C and R crn Yes Refrac cnst 0.20
Elev Yes Sea level crn No

PROJ TM Transverse Mercator
Orig Lat 31°00'00"N Orig Nrth 0.000
Orig Lng 111°55'00"W Orig East 700000.000
Orig Hgt 0.000 Orig Elev 0.000
Orient 1 0°00'00" Orient 2 0°00'00"
Scale 0.9999

LOCELL TM Local Rad 20925646.325 Flat. 298.2572215381

DATUM TM Molodensky
Srce Rad 20925646.325 Srce Flat 298.257223563
Rotn X 0°00'00" Rotn Y 0°00'00"
Rotn Z 0°00'00" Trans X 0.000
Trans Y 0.000 Trans Z 0.000
Scale 0

GPSANT KI Antenna ht 0.000 Measuremt True

ORIENTATIONNMAzmth From North Dir North and East

HGTADJ TM Geoid model + plane
Orig Nrth 878429.839 Slope N 0
Orig East 559394.226 Slope E 0
Hgt Const 0.135
Geoid geoid99

NOTE NM 4004ph1

GRDPOS KI Point ID BAS1 Nrth 894110.063 East 573558.368
Class Normal Elv 987.915 Code <no text>
Mthd User Input

GRDPOS KI Point ID BAS2 Nrth 912547.158 East 582390.448
Class Normal Elv 1032.144 Code <no text>
Mthd User Input

GRDPOS KI Point ID BAS3 Nrth 941481.423 East 594595.629
Class Normal Elv 1130.594 Code <no text>
Mthd User Input

GRDPOS KI Point ID BED1 Nrth 928264.060 East 517921.993
Class Normal Elv 1516.960 Code <no text>
Mthd User Input

GRDPOS KI Point ID E475 Nrth 979343.979 East 613661.958
Class Normal Elv 1364.187 Code <no text>
Mthd User Input

GRDPOS KI Point ID LITC Nrth 917127.275 East 564284.523
Class Normal Elv 1121.263 Code <no text>
Mthd User Input

GRDPOS KI Point ID LITE Nrth 882467.391 East 578528.514
Class Normal Elv 983.237 Code <no text>
Mthd User Input

GRDPOS KI Point ID NORT Nrth 928515.556 East 596852.569
Class Normal Elv 1097.972 Code <no text>
Mthd User Input

GRDPOS KI Point ID Q366 Nrth 991733.774 East 569967.026
Class Normal Elv 1392.562 Code <no text>
Mthd User Input

GRDPOS KI Point ID WW55 Nrth 878429.838 East 559394.227
Class Normal Elv 933.650 Code <no text>
Mthd User Input

ORIENTATIONNMAzmth From North Dir North and East

F FILE FC File Used No
ID 00000 Name

PLANE KI Orig Nrth <null> Orig East <null>
Trans N <null> Trans E <null>
Rotation <null> Scale <null>

SURVEY KI Elev mask 10 PDOP mask 6.0

EQUIP BA Receiver 4800 Serial no 20141803
Antenna 4800 Internal
Method Reading from hook using 4800 tape
Tape adj 0.000 Serial no <no text>
Radius 0.358 V.Const 0.104

SURVEY EVENTKISurvey event Base survey started

NOTE TS Time Date 05/04/2000 Time 16:05:00

EQUIP BA Receiver 4800 Serial no 20141803
Antenna 4800 Internal
Method Reading from hook using 4800 tape
Tape adj 0.000 Serial no <no text>
Radius 0.358 V.Const 0.104

GPSANT KI Antenna ht 4.990 Measuremt Uncorrected

EQUIP BA Receiver 4800 Serial no 20141803
Antenna 4800 Internal
Method Reading from hook using 4800 tape
Tape adj 0.000 Serial no <no text>
Radius 0.358 V.Const 0.104

GPSANT KI Antenna ht 4.990 Measuremt Uncorrected

EQUIP BA Receiver 4800 Serial no 20141803
Antenna 4800 Internal
Method Reading from hook using 4800 tape
Tape adj 0.000 Serial no <no text>
Radius 0.358 V.Const 0.104

GPSANT KI Antenna ht 4.990 Measuremt Uncorrected

GPSREF KI Reference BAS1

EQUIP NM Receiver 4800 Serial no 20152374
Antenna 4800 Internal
Method Measured to bottom of antenna mount
Tape adj 0.000 Serial no <no text>
Radius 0.000 V.Const 0.511

SURVEY EVENTKISurvey event Rover survey started

NOTE TS Time Date 05/04/2000 Time 16:05:47

SURVEY KI Elev mask 10 PDOP mask 6.0

EQUIP NM Receiver 4800 Serial no 20152374
Antenna 4800 Internal
Method Measured to bottom of antenna mount
Tape adj 0.000 Serial no <no text>
Radius 0.000 V.Const 0.511

SURVEY EVENTKISurvey event Rover survey started

NOTE TS Time Date 05/04/2000 Time 16:06:18

GPSANT KI Antenna ht 0.000 Measuremt True

GPSPOS SI Point ID BAS1 Lat 33°27'25.72594"N Lng 112°19'52.50082"W
Class Check Hgt 888.363 Code <no text>
Mthd User Input H.pr <null> V.pr <null>

GPSANT KI Antenna ht 5.082 Measuremt True

GPSREF KI Reference BAS1

INIT KI Init event Gained Week 1060
Init type On the fly seconds 403764.0
Init counter 1 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

EQUIP NM Receiver 4800 Serial no 20152374
Antenna 4800 Internal
Method Measured to bottom of antenna mount
Tape adj 0.000 Serial no <no text>
Radius 0.000 V.Const 0.511

GPSANT KI Antenna ht 5.906 Measuremt Uncorrected

GPSVEC TP Point ID 101 DX -154.114 DY -224.908
Class Normal DZ -400.907 Code 97+06E R3
Mthd Phase Diff. H.pr 0.015 V.pr 0.044

GPSQC1 NM Min SVs 5 PDOP max 1.8
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1060 sec 403775.0 End wk 1060 sec 403783.0

INIT KI Init event Lost Week 1060
Init type On the fly seconds 403788.0
Init counter 1 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1060
Init type On the fly seconds 403842.0
Init counter 2 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 102 DX -154.112 DY -224.928
Class Normal DZ -400.865 Code 97+06E R3
Mthd Phase Diff. H.pr 0.013 V.pr 0.038

GPSQC1 NM Min SVs 5 PDOP max 1.8
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1060 sec 403847.0 End wk 1060 sec 403851.0

INIT KI Init event Lost Week 1060
Init type On the fly seconds 403884.0
Init counter 2 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1060
Init type On the fly seconds 403932.0
Init counter 3 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 103 DX -154.104 DY -224.933
Class Normal DZ -400.881 Code 97+06E R3
Mthd Phase Diff. H.pr 0.016 V.pr 0.031

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1060 sec 403940.0 End wk 1060 sec 403944.0

INIT KI Init event Lost(RMS) Week 1060
Init type On the fly seconds 403961.0
Init counter 3 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1060
Init type On the fly seconds 404351.0
Init counter 4 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 104 DX -1420.464 DY 413.836
Class Normal DZ -231.255 Code 90+09W R2
Mthd Phase Diff. H.pr 0.016 V.pr 0.030

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 7 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1060 sec 404406.0 End wk 1060 sec 404412.0

INIT KI Init event Lost Week 1060
Init type On the fly seconds 404416.0
Init counter 4 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1060
Init type On the fly seconds 404461.0
Init counter 5 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 105 DX -1420.451 DY 413.836
Class Normal DZ -231.277 Code 90+09W R2
Mthd Phase Diff. H.pr 0.018 V.pr 0.034

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1060 sec 404469.0 End wk 1060 sec 404478.0

INIT KI Init event Lost Week 1060
Init type On the fly seconds 404494.0
Init counter 5 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1060
Init type On the fly seconds 404969.0
Init counter 6 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 106 DX -2079.027 DY -2788.857
Class Normal DZ -5121.852 Code 22+90W R3
Mthd Phase Diff. H.pr 0.018 V.pr 0.035

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1060 sec 404979.0 End wk 1060 sec 404984.0

INIT KI Init event Lost Week 1060
Init type On the fly seconds 404989.0
Init counter 6 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1060
Init type On the fly seconds 405017.0
Init counter 7 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 107 DX -2079.010 DY -2788.870
Class Normal DZ -5121.844 Code 22+90W R3
Mthd Phase Diff. H.pr 0.018 V.pr 0.034

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1060 sec 405022.0 End wk 1060 sec 405027.0

INIT KI Init event Lost Week 1060
Init type On the fly seconds 405045.0
Init counter 7 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1060
Init type On the fly seconds 405154.0
Init counter 8 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 108 DX -2341.113 DY -3454.884
Class Normal DZ -6212.229 Code 10+00W R3
Mthd Phase Diff. H.pr 0.018 V.pr 0.035

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1060 sec 405160.0 End wk 1060 sec 405165.0

INIT KI Init event Lost Week 1060
Init type On the fly seconds 405170.0
Init counter 8 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1060
Init type On the fly seconds 405198.0
Init counter 9 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 109 DX -2341.115 DY -3454.876
Class Normal DZ -6212.215 Code 10+00W R3
Mthd Phase Diff. H.pr 0.028 V.pr 0.043

GPSQC1 NM Min SVs 7 PDOP max 0.7
Total GPS pos 9 HDOP max 0.4
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1060 sec 405203.0 End wk 1060 sec 405211.0

INIT KI Init event Lost Week 1060
Init type On the fly seconds 405227.0
Init counter 9 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

NOTE TS Time Date 05/04/2000 Time 16:42:00

INIT KI Init event Gained Week 1060
Init type On the fly seconds 405732.0
Init counter 10 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 110 DX -1280.511 DY -3874.726
Class Normal DZ -6190.424 Code 10+00E R3
Mthd Phase Diff. H.pr 0.023 V.pr 0.037

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1060 sec 405738.0 End wk 1060 sec 405745.0

INIT KI Init event Lost Week 1060
Init type On the fly seconds 405749.0
Init counter 10 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1060
Init type On the fly seconds 405805.0
Init counter 11 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 111 DX -1280.484 DY -3874.742
Class Normal DZ -6190.421 Code 10+00E R3
Mthd Phase Diff. H.pr 0.025 V.pr 0.040

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1060 sec 405810.0 End wk 1060 sec 405816.0

INIT KI Init event Lost Week 1060
Init type On the fly seconds 405828.0
Init counter 11 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1060
Init type On the fly seconds 406094.0
Init counter 12 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 112 DX -1028.724 DY -3217.207
Class Normal DZ -5118.684 Code 22+90E R3
Mthd Phase Diff. H.pr 0.021 V.pr 0.034

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1060 sec 406134.0 End wk 1060 sec 406138.0

INIT KI Init event Lost Week 1060
Init type On the fly seconds 406153.0
Init counter 12 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1060
Init type On the fly seconds 406190.0
Init counter 13 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 113 DX -1028.707 DY -3217.196
Class Normal DZ -5118.671 Code 22+90E R3
Mthd Phase Diff. H.pr 0.021 V.pr 0.034

GPSQC1 NM Min SVs 7 PDOP max 1.2
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1060 sec 406197.0 End wk 1060 sec 406201.0

INIT KI Init event Lost Week 1060
Init type On the fly seconds 406215.0
Init counter 13 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1060
Init type On the fly seconds 406929.0
Init counter 14 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GRDPOS KI Point ID 114 Nrth 886108.400 East 572634.700
Class Del normal Elv 973.600 Code ERM6
Mthd User Input

NOTE TS Item deleted Date 05/04/2000 Time 17:17:07

INIT KI Init event Lost Week 1060
Init type On the fly seconds 407398.0
Init counter 14 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

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INIT KI Init event Gained Week 1060
Init type On the fly seconds 407821.0
Init counter 15 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 114 DX -3337.312 DY -204.624
Class Normal DZ -2210.537 Code ERM 7
Mthd Phase Diff. H.pr 0.032 V.pr 0.050

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1060 sec 407828.0 End wk 1060 sec 407833.0

INIT KI Init event Lost Week 1060
Init type On the fly seconds 407843.0
Init counter 15 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1060
Init type On the fly seconds 407871.0
Init counter 16 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 115 DX -3337.319 DY -204.592
Class Normal DZ -2210.575 Code ERM 7
Mthd Phase Diff. H.pr 0.030 V.pr 0.046

GPSQC1 NM Min SVs 7 PDOP max 0.7
Total GPS pos 9 HDOP max 0.4
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1060 sec 407878.0 End wk 1060 sec 407887.0

INIT KI Init event Lost Week 1060
Init type On the fly seconds 407900.0
Init counter 16 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1060
Init type On the fly seconds 407929.0
Init counter 17 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 116 DX -3337.338 DY -204.612
Class Normal DZ -2210.538 Code ERM 7
Mthd Phase Diff. H.pr 0.027 V.pr 0.043

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1060 sec 407934.0 End wk 1060 sec 407938.0

INIT KI Init event Lost Week 1060
Init type On the fly seconds 407965.0
Init counter 17 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1060
Init type On the fly seconds 408337.0
Init counter 18 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 117 DX -2196.552 DY 2439.900
Class Normal DZ 2168.786 Code ERM 9
Mthd Phase Diff. H.pr 0.024 V.pr 0.037

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1060 sec 408347.0 End wk 1060 sec 408351.0

INIT KI Init event Lost Week 1060
Init type On the fly seconds 408356.0
Init counter 18 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1060
Init type On the fly seconds 408383.0
Init counter 19 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 118 DX -2196.547 DY 2439.890
Class Normal DZ 2168.789 Code ERM 9
Mthd Phase Diff. H.pr 0.022 V.pr 0.034

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1060 sec 408388.0 End wk 1060 sec 408392.0

INIT KI Init event Lost Week 1060
Init type On the fly seconds 408412.0
Init counter 19 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1060
Init type On the fly seconds 409132.0
Init counter 20 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 119 DX 2682.023 DY 383.007
Class Normal DZ 2065.310 Code ERM 10
Mthd Phase Diff. H.pr 0.027 V.pr 0.038

GPSQC1 NM Min SVs 7 PDOP max 0.7
Total GPS pos 8 HDOP max 0.4
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1060 sec 409267.0 End wk 1060 sec 409274.0

INIT KI Init event Lost Week 1060
Init type On the fly seconds 409278.0
Init counter 20 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1060
Init type On the fly seconds 409318.0
Init counter 21 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 120 DX 2682.017 DY 382.982
Class Normal DZ 2065.282 Code ERM 10
Mthd Phase Diff. H.pr 0.026 V.pr 0.042

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1060 sec 409322.0 End wk 1060 sec 409327.0

```
INIT   KI  Init event   Lost            Week        1060
       Init type    On the fly        seconds      409352.0
       Init counter  21               Point ID     <no text>
       Survey type   Real Time          Plate H. Dist <null>
       Plate V. Dist <null>            Plate azimuth <null>

INIT   KI  Init event   Gained          Week        1060
       Init type    On the fly        seconds      409563.0
       Init counter  22               Point ID     <no text>
       Survey type   Real Time          Plate H. Dist <null>
       Plate V. Dist <null>            Plate azimuth <null>

GPSVEC  TP  Point ID 121       DX  2198.667        DY  725.198
       Class Normal        DZ  2293.528        Code 135+00E R2
       Mthd Phase Diff.    H.pr 0.019          V.pr 0.032

GPSQC1  NM  Min SVs       6              PDOP max  1.0
       Total GPS pos  6               HDOP max  0.5
       Monitor status Yes             VDOP max  0.9
       Horizontal SD  0.000            Vert SD   0.000
       Start wk 1060 sec 409580.0       End wk 1060   sec 409585.0

INIT   KI  Init event   Lost            Week        1060
       Init type    On the fly        seconds      409586.0
       Init counter  22               Point ID     <no text>
       Survey type   Real Time          Plate H. Dist <null>
       Plate V. Dist <null>            Plate azimuth <null>

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INIT   KI  Init event   Gained          Week        1060
       Init type    On the fly        seconds      409624.0
       Init counter  23               Point ID     <no text>
       Survey type   Real Time          Plate H. Dist <null>
       Plate V. Dist <null>            Plate azimuth <null>

GPSVEC  TP  Point ID 122       DX  2198.671        DY  725.180
       Class Normal        DZ  2293.543        Code 135+00E R2
       Mthd Phase Diff.    H.pr 0.029          V.pr 0.041

GPSQC1  NM  Min SVs       7              PDOP max  0.6
       Total GPS pos  6               HDOP max  0.4
       Monitor status Yes             VDOP max  0.5
       Horizontal SD  0.000            Vert SD   0.000
       Start wk 1060 sec 409633.0       End wk 1060   sec 409639.0
```

INIT KI Init event Lost Week 1060
Init type On the fly seconds 409652.0
Init counter 23 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1060
Init type On the fly seconds 409866.0
Init counter 24 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 123 DX 5418.777 DY 2020.738
Class Normal DZ 5975.073 Code 184+00E R2
Mthd Phase Diff. H.pr 0.030 V.pr 0.044

GPSQC1 NM Min SVs 7 PDOP max 0.6
Total GPS pos 7 HDOP max 0.3
Monitor status Yes VDOP max 0.5
Horizontal SD 0.000 Vert SD 0.000
Start wk 1060 sec 409876.0 End wk 1060 sec 409883.0

INIT KI Init event Lost Week 1060
Init type On the fly seconds 409888.0
Init counter 24 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1060
Init type On the fly seconds 409919.0
Init counter 25 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 124 DX 5418.771 DY 2020.760
Class Normal DZ 5975.061 Code 184+00E R2
Mthd Phase Diff. H.pr 0.026 V.pr 0.038

GPSQC1 NM Min SVs 7 PDOP max 0.7
Total GPS pos 5 HDOP max 0.4
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1060 sec 409924.0 End wk 1060 sec 409928.0

```
INIT   KI  Init event    Lost            Week        1060
        Init type     On the fly       seconds      409941.0
        Init counter  25               Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

INIT   KI  Init event    Gained          Week        1060
        Init type     On the fly       seconds      409973.0
        Init counter  26               Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

GPSVEC  TP  Point ID 125       DX  5418.764        DY  2020.743
        Class Normal        DZ  5975.052        Code 184+00E R2
        Mthd Phase Diff.    H.pr 0.026          V.pr 0.039

GPSQC1  NM  Min SVs       7              PDOP max  0.7
        Total GPS pos  5              HDOP max  0.4
        Monitor status Yes            VDOP max  0.6
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1060 sec 409977.0       End wk 1060   sec 409981.0

INIT   KI  Init event    Lost            Week        1060
        Init type     On the fly       seconds      409990.0
        Init counter  26               Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

INIT   KI  Init event    Gained          Week        1060
        Init type     On the fly       seconds      411212.0
        Init counter  27               Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

INIT   KI  Init event    Lost            Week        1060
        Init type     On the fly       seconds      411369.0
        Init counter  27               Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

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INIT KI Init event Gained Week 1060
Init type On the fly seconds 411615.0
Init counter 28 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 126 DX 4442.737 DY 2558.481
Class Normal DZ 6166.619 Code 184+00W R2
Mthd Phase Diff. H.pr 0.028 V.pr 0.044

GPSQC1 NM Min SVs 7 PDOP max 0.7
Total GPS pos 7 HDOP max 0.3
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1060 sec 411624.0 End wk 1060 sec 411630.0

INIT KI Init event Lost Week 1060
Init type On the fly seconds 411634.0
Init counter 28 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1060
Init type On the fly seconds 411929.0
Init counter 29 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 127 DX 4442.739 DY 2558.518
Class Normal DZ 6166.577 Code 184+00W R2
Mthd Phase Diff. H.pr 0.029 V.pr 0.051

GPSQC1 NM Min SVs 6 PDOP max 0.6
Total GPS pos 13 HDOP max 0.3
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1060 sec 412132.0 End wk 1060 sec 412144.0

INIT KI Init event Lost Week 1060
Init type On the fly seconds 412159.0
Init counter 29 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1060
Init type On the fly seconds 412406.0
Init counter 30 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 128 DX 4442.757 DY 2558.488
Class Normal DZ 6166.592 Code 184+00W R2
Mthd Phase Diff. H.pr 0.028 V.pr 0.044

GPSQC1 NM Min SVs 7 PDOP max 0.6
Total GPS pos 10 HDOP max 0.3
Monitor status Yes VDOP max 0.5
Horizontal SD 0.000 Vert SD 0.000
Start wk 1060 sec 412416.0 End wk 1060 sec 412425.0

INIT KI Init event Lost Week 1060
Init type On the fly seconds 412479.0
Init counter 30 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1060
Init type On the fly seconds 412712.0
Init counter 31 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 129 DX 1158.268 DY 1353.475
Class Normal DZ 2572.136 Code 130+00W R2
Mthd Phase Diff. H.pr 0.021 V.pr 0.034

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1060 sec 412716.0 End wk 1060 sec 412720.0

INIT KI Init event Lost Week 1060
Init type On the fly seconds 412726.0
Init counter 31 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1060
Init type On the fly seconds 412755.0
Init counter 32 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 130 DX 1158.267 DY 1353.486
Class Normal DZ 2572.135 Code 130+00W R2
Mthd Phase Diff. H.pr 0.025 V.pr 0.039

GPSQC1 NM Min SVs 7 PDOP max 0.7
Total GPS pos 5 HDOP max 0.4
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1060 sec 412763.0 End wk 1060 sec 412768.0

INIT KI Init event Lost Week 1060
Init type On the fly seconds 412784.0
Init counter 32 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

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INIT KI Init event Gained Week 1060
Init type On the fly seconds 413461.0
Init counter 33 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 131 DX 4858.339 DY 5798.584
Class Normal DZ 10959.559 Code ERM 12
Mthd Phase Diff. H.pr 0.031 V.pr 0.046

GPSQC1 NM Min SVs 7 PDOP max 0.6
Total GPS pos 10 HDOP max 0.3
Monitor status Yes VDOP max 0.5
Horizontal SD 0.000 Vert SD 0.000
Start wk 1060 sec 413517.0 End wk 1060 sec 413526.0

INIT KI Init event Lost Week 1060
Init type On the fly seconds 413532.0
Init counter 33 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1060
Init type On the fly seconds 413617.0
Init counter 34 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 132 DX 4858.398 DY 5798.560
Class Normal DZ 10959.659 Code ERM 12
Mthd Phase Diff. H.pr 0.023 V.pr 0.034

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1060 sec 413660.0 End wk 1060 sec 413663.0

INIT KI Init event Lost Week 1060
Init type On the fly seconds 413691.0
Init counter 34 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1060
Init type On the fly seconds 413744.0
Init counter 35 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 133 DX 4858.350 DY 5798.613
Class Normal DZ 10959.522 Code ERM 12
Mthd Phase Diff. H.pr 0.036 V.pr 0.054

GPSQC1 NM Min SVs 7 PDOP max 0.6
Total GPS pos 8 HDOP max 0.3
Monitor status Yes VDOP max 0.5
Horizontal SD 0.000 Vert SD 0.000
Start wk 1060 sec 413796.0 End wk 1060 sec 413804.0

INIT KI Init event Lost Week 1060
Init type On the fly seconds 413819.0
Init counter 35 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1060
Init type On the fly seconds 413893.0
Init counter 36 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 134 DX 4858.362 DY 5798.557
Class Normal DZ 10959.650 Code ERM 12
Mthd Phase Diff. H.pr 0.023 V.pr 0.034

GPSQC1 NM Min SVs 7 PDOP max 0.7
Total GPS pos 6 HDOP max 0.4
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1060 sec 413926.0 End wk 1060 sec 413931.0

INIT KI Init event Lost Week 1060
Init type On the fly seconds 413959.0
Init counter 36 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1060
Init type On the fly seconds 414216.0
Init counter 37 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 135 DX 6754.111 DY 5352.895
Class Normal DZ 11423.094 Code 60+00W R1
Mthd Phase Diff. H.pr 0.029 V.pr 0.042

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 6 HDOP max 0.6
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1060 sec 414221.0 End wk 1060 sec 414228.0

INIT KI Init event Lost Week 1060
Init type On the fly seconds 414232.0
Init counter 37 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1060
Init type On the fly seconds 414305.0
Init counter 38 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 136 DX 6754.122 DY 5352.899
Class Normal DZ 11423.104 Code 60+00W R1
Mthd Phase Diff. H.pr 0.031 V.pr 0.045

GPSQC1 NM Min SVs 6 PDOP max 0.8
Total GPS pos 6 HDOP max 0.4
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1060 sec 414315.0 End wk 1060 sec 414322.0

INIT KI Init event Lost Week 1060
Init type On the fly seconds 414337.0
Init counter 38 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1060
Init type On the fly seconds 414670.0
Init counter 39 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 137 DX 8081.129 DY 4612.558
Class Normal DZ 11150.422 Code 57+00E R1
Mthd Phase Diff. H.pr 0.028 V.pr 0.041

GPSQC1 NM Min SVs 6 PDOP max 0.9
Total GPS pos 8 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1060 sec 414684.0 End wk 1060 sec 414691.0

INIT KI Init event Lost Week 1060
Init type On the fly seconds 414697.0
Init counter 39 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1060
Init type On the fly seconds 414753.0
Init counter 40 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 138 DX 8081.099 DY 4612.583
Class Normal DZ 11150.423 Code 57+00E R1
Mthd Phase Diff. H.pr 0.024 V.pr 0.035

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 6 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1060 sec 414758.0 End wk 1060 sec 414763.0

INIT KI Init event Lost Week 1060
Init type On the fly seconds 414776.0
Init counter 40 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

NOTE TS Time Date 05/04/2000 Time 19:32:43

INIT KI Init event Gained Week 1060
Init type On the fly seconds 415975.0
Init counter 41 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 139 DX 7216.729 DY -2505.809
Class Normal DZ 701.855 Code 4CA4
Mthd Phase Diff. H.pr 0.025 V.pr 0.041

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1060 sec 415983.0 End wk 1060 sec 416003.0

INIT KI Init event Lost Week 1060
Init type On the fly seconds 416010.0
Init counter 41 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1060
Init type On the fly seconds 416048.0
Init counter 42 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 140 DX 7216.754 DY -2505.750
Class Normal DZ 701.814 Code 4CA4
Mthd Phase Diff. H.pr 0.025 V.pr 0.041

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1060 sec 416052.0 End wk 1060 sec 416057.0

INIT KI Init event Lost Week 1060
Init type On the fly seconds 416069.0
Init counter 42 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1060
Init type On the fly seconds 416200.0
Init counter 43 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 141 DX 7216.733 DY -2505.781
Class Normal DZ 701.871 Code 4CA4
Mthd Phase Diff. H.pr 0.033 V.pr 0.055

GPSQC1 NM Min SVs 6 PDOP max 0.9
Total GPS pos 9 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1060 sec 416204.0 End wk 1060 sec 416212.0

INIT KI Init event Lost Week 1060
Init type On the fly seconds 416227.0
Init counter 43 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1060
Init type On the fly seconds 417155.0
Init counter 44 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 142 DX -16322.284 DY -2618.400
Class Normal DZ -13165.480 Code CHK TO W55
Mthd Phase Diff. H.pr 0.055 V.pr 0.158

GPSQC1 NM Min SVs 4 PDOP max 1.3
Total GPS pos 37 HDOP max 0.4
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1060 sec 417216.0 End wk 1060 sec 417253.0

INIT KI Init event Lost Week 1060
Init type On the fly seconds 417275.0
Init counter 44 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1060
Init type On the fly seconds 417539.0
Init counter 45 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 143 DX -8685.253 DY -4318.992
Class Normal DZ -11099.036 Code 4BB1
Mthd Phase Diff. H.pr 0.029 V.pr 0.056

GPSQC1 NM Min SVs 6 PDOP max 0.9
Total GPS pos 12 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1060 sec 417545.0 End wk 1060 sec 417556.0

INIT KI Init event Lost Week 1060
Init type On the fly seconds 417559.0
Init counter 45 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1060
Init type On the fly seconds 417618.0
Init counter 46 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 144 DX -8685.253 DY -4318.984
Class Normal DZ -11099.046 Code 4BB1
Mthd Phase Diff. H.pr 0.028 V.pr 0.054

GPSQC1 NM Min SVs 6 PDOP max 0.9
Total GPS pos 8 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1060 sec 417623.0 End wk 1060 sec 417640.0

INIT KI Init event Lost Week 1060
Init type On the fly seconds 417670.0
Init counter 46 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

SURVEY KI Elev mask 10 PDOP mask 6.0

EQUIP BA Receiver 4800 Serial no 20141803
Antenna 4800 Internal
Method Reading from hook using 4800 tape
Tape adj 0.000 Serial no <no text>
Radius 0.358 V.Const 0.104

SURVEY EVENTKISurvey event Base survey started

NOTE TS Time Date 05/09/2000 Time 14:15:43

EQUIP BA Receiver 4800 Serial no 20141803
Antenna 4800 Internal
Method Reading from hook using 4800 tape
Tape adj 0.000 Serial no <no text>
Radius 0.358 V.Const 0.104

GPSANT KI Antenna ht 4.997 Measuremt Uncorrected

EQUIP BA Receiver 4800 Serial no 20141803
Antenna 4800 Internal
Method Reading from hook using 4800 tape
Tape adj 0.000 Serial no <no text>
Radius 0.358 V.Const 0.104

GPSANT KI Antenna ht 4.997 Measuremt Uncorrected

EQUIP BA Receiver 4800 Serial no 20141803
Antenna 4800 Internal
Method Reading from hook using 4800 tape
Tape adj 0.000 Serial no <no text>
Radius 0.358 V.Const 0.104

GPSANT KI Antenna ht 4.997 Measuremt Uncorrected

GPSREF KI Reference BAS2

EQUIP NM Receiver 4800 Serial no 20152374
Antenna 4800 Internal
Method Measured to bottom of antenna mount
Tape adj 0.000 Serial no <no text>
Radius 0.000 V.Const 0.511

SURVEY EVENTKISurvey event Rover survey started

NOTE TS Time Date 05/09/2000 Time 14:16:25

SURVEY KI Elev mask 10 PDOP mask 6.0

EQUIP NM Receiver 4800 Serial no 20152374
Antenna 4800 Internal
Method Measured to bottom of antenna mount
Tape adj 0.000 Serial no <no text>
Radius 0.000 V.Const 0.511

SURVEY EVENTKISurvey event Rover survey started

NOTE TS Time Date 05/09/2000 Time 14:16:49

GPSANT KI Antenna ht 0.000 Measuremt True

GPSPOS SI Point ID BAS2 Lat 33°30'28.47746"N Lng 112°18'09.05876"W
Class Check Hgt 932.621 Code <no text>
Mthd User Input H.pr <null> V.pr <null>

GPSANT KI Antenna ht 5.089 Measuremt True

GPSREF KI Reference BAS2

INIT KI Init event Gained Week 1061
Init type On the fly seconds 224404.0
Init counter 1 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Lost Week 1061
Init type On the fly seconds 224468.0
Init counter 1 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1061
Init type On the fly seconds 225295.0
Init counter 2 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

EQUIP NM Receiver 4800 Serial no 20152374
Antenna 4800 Internal
Method Measured to bottom of antenna mount
Tape adj 0.000 Serial no <no text>
Radius 0.000 V.Const 0.511

GPSANT KI Antenna ht 5.906 Measuremt Uncorrected

GPSVEC TP Point ID 145 DX -16305.650 DY 2114.825
Class Normal DZ -6432.883 Code 4DB1
Mthd Phase Diff. H.pr 0.030 V.pr 0.041

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 8 HDOP max 0.5
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 225320.0 End wk 1061 sec 225327.0

INIT KI Init event Lost Week 1061
Init type On the fly seconds 225331.0
Init counter 2 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

```
INIT   KI  Init event   Gained          Week        1061
       Init type    On the fly        seconds      225363.0
       Init counter  3               Point ID     <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>

GPSVEC  TP  Point ID 146       DX  -16305.645       DY  2114.820
       Class Normal        DZ  -6432.869        Code 4DB1
       Mthd Phase Diff.    H.pr 0.030           V.pr 0.041

GPSQC1  NM  Min SVs       7              PDOP max  0.8
       Total GPS pos  7              HDOP max  0.5
       Monitor status Yes            VDOP max  0.7
       Horizontal SD  0.000           Vert SD   0.000
       Start wk 1061 sec 225368.0       End wk 1061   sec 225374.0

INIT   KI  Init event   Lost            Week        1061
       Init type    On the fly        seconds      225415.0
       Init counter  3               Point ID     <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>

NOTE   TS  Time Date 05/09/2000 Time 14:51:52

INIT   KI  Init event   Gained          Week        1061
       Init type    On the fly        seconds      226326.0
       Init counter  4               Point ID     <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>

GPSVEC  TP  Point ID 147       DX  -5324.678        DY  11525.022
       Class Normal        DZ  13128.445        Code BM 1
       Mthd Phase Diff.    H.pr 0.027           V.pr 0.046

GPSQC1  NM  Min SVs       6              PDOP max  1.0
       Total GPS pos  7              HDOP max  0.5
       Monitor status Yes            VDOP max  0.9
       Horizontal SD  0.000           Vert SD   0.000
       Start wk 1061 sec 226411.0       End wk 1061   sec 226423.0

INIT   KI  Init event   Lost            Week        1061
       Init type    On the fly        seconds      226425.0
       Init counter  4               Point ID     <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>
```

INIT KI Init event Gained Week 1061
Init type On the fly seconds 226702.0
Init counter 5 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 148 DX -5324.708 DY 11524.985
Class Normal DZ 13128.403 Code BM 1
Mthd Phase Diff. H.pr 0.023 V.pr 0.041

GPSQC1 NM Min SVs 6 PDOP max 0.9
Total GPS pos 12 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 226720.0 End wk 1061 sec 226731.0

INIT KI Init event Lost Week 1061
Init type On the fly seconds 226768.0
Init counter 5 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1061
Init type On the fly seconds 227111.0
Init counter 6 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 149 DX -3374.546 DY 9133.915
Class Normal DZ 10905.197 Code BM 2
Mthd Phase Diff. H.pr 0.033 V.pr 0.058

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 8 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 227121.0 End wk 1061 sec 227129.0

INIT KI Init event Lost Week 1061
Init type On the fly seconds 227130.0
Init counter 6 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1061
Init type On the fly seconds 227210.0
Init counter 7 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 150 DX -3374.519 DY 9133.951
Class Normal DZ 10905.198 Code BM 2
Mthd Phase Diff. H.pr 0.023 V.pr 0.040

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 9 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 227216.0 End wk 1061 sec 227224.0

INIT KI Init event Lost Week 1061
Init type On the fly seconds 227235.0
Init counter 7 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1061
Init type On the fly seconds 227272.0
Init counter 8 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 151 DX -3374.566 DY 9133.890
Class Normal DZ 10905.254 Code BM 2
Mthd Phase Diff. H.pr 0.033 V.pr 0.058

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 11 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 227277.0 End wk 1061 sec 227287.0

INIT KI Init event Lost Week 1061
Init type On the fly seconds 227312.0
Init counter 8 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1061
Init type On the fly seconds 227353.0
Init counter 9 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 152 DX -3374.545 DY 9133.918
Class Normal DZ 10905.242 Code BM 2
Mthd Phase Diff. H.pr 0.023 V.pr 0.040

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 11 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 227357.0 End wk 1061 sec 227367.0

INIT KI Init event Lost Week 1061
Init type On the fly seconds 227410.0
Init counter 9 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1061
Init type On the fly seconds 227703.0
Init counter 10 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 153 DX 2933.020 DY 8072.047
Class Normal DZ 13016.600 Code 1EA1
Mthd Phase Diff. H.pr 0.024 V.pr 0.041

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 13 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 227733.0 End wk 1061 sec 227746.0

INIT KI Init event Lost Week 1061
Init type On the fly seconds 227750.0
Init counter 10 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1061
Init type On the fly seconds 227793.0
Init counter 11 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 154 DX 2932.988 DY 8072.014
Class Normal DZ 13016.613 Code 1EA1
Mthd Phase Diff. H.pr 0.027 V.pr 0.052

GPSQC1 NM Min SVs 6 PDOP max 0.8
Total GPS pos 18 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 227799.0 End wk 1061 sec 227817.0

INIT KI Init event Lost Week 1061
Init type On the fly seconds 227829.0
Init counter 11 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1061
Init type On the fly seconds 227861.0
Init counter 12 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 155 DX 2932.980 DY 8072.002
Class Normal DZ 13016.603 Code 1EA1
Mthd Phase Diff. H.pr 0.026 V.pr 0.055

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 18 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 227866.0 End wk 1061 sec 227883.0

INIT KI Init event Lost Week 1061
Init type On the fly seconds 227907.0
Init counter 12 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

NOTE TS Time Date 05/09/2000 Time 15:50:59

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INIT   KI  Init event   Gained          Week        1061
       Init type    On the fly        seconds      229872.0
       Init counter  13               Point ID     <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>

GPSVEC  TP  Point ID 156       DX  -3884.146       DY  -1439.965
       Class Normal        DZ  -4280.916       Code SG 57+00E R1
       Mthd Phase Diff.    H.pr 0.016          V.pr 0.048

GPSQC1  NM  Min SVs       5              PDOP max  1.8
       Total GPS pos  5              HDOP max  0.6
       Monitor status Yes            VDOP max  1.7
       Horizontal SD  0.000           Vert SD   0.000
       Start wk 1061 sec 229912.0       End wk 1061   sec 229916.0

INIT   KI  Init event   Lost            Week        1061
       Init type    On the fly        seconds      229928.0
       Init counter  13               Point ID     <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>

INIT   KI  Init event   Gained          Week        1061
       Init type    On the fly        seconds      229959.0
       Init counter  14               Point ID     <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>

GPSVEC  TP  Point ID 157       DX  -3884.150       DY  -1439.977
       Class Normal        DZ  -4280.912       Code SG 57+00E R1
       Mthd Phase Diff.    H.pr 0.018          V.pr 0.033

GPSQC1  NM  Min SVs       6              PDOP max  1.0
       Total GPS pos  6              HDOP max  0.5
       Monitor status Yes            VDOP max  0.9
       Horizontal SD  0.000           Vert SD   0.000
       Start wk 1061 sec 229973.0       End wk 1061   sec 229978.0

INIT   KI  Init event   Lost            Week        1061
       Init type    On the fly        seconds      229995.0
       Init counter  14               Point ID     <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>
```

INIT KI Init event Gained Week 1061
Init type On the fly seconds 230331.0
Init counter 15 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 158 DX -5207.642 DY -713.729
Class Del normal DZ -4009.152 Code CHK 60+00W R1
Mthd Phase Diff. H.pr 0.025 V.pr 0.046

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 7 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 230399.0 End wk 1061 sec 230405.0

NOTE TS Item deleted Date 05/09/2000 Time 16:01:15

INIT KI Init event Lost Week 1061
Init type On the fly seconds 230434.0
Init counter 15 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1061
Init type On the fly seconds 230462.0
Init counter 16 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 158 DX -5207.645 DY -713.735
Class Normal DZ -4009.148 Code CHK 60+00W R1
Mthd Phase Diff. H.pr 0.015 V.pr 0.043

GPSQC1 NM Min SVs 5 PDOP max 1.3
Total GPS pos 9 HDOP max 0.4
Monitor status Yes VDOP max 1.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 230478.0 End wk 1061 sec 230486.0

INIT KI Init event Lost Week 1061
Init type On the fly seconds 230531.0
Init counter 16 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1061
Init type On the fly seconds 230811.0
Init counter 17 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 159 DX -5195.310 DY -711.837
Class Normal DZ -4015.865 Code SG 60+00W R1
Mthd Phase Diff. H.pr 0.023 V.pr 0.044

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 7 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 230819.0 End wk 1061 sec 230825.0

INIT KI Init event Lost Week 1061
Init type On the fly seconds 230844.0
Init counter 17 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1061
Init type On the fly seconds 230894.0
Init counter 18 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 160 DX -5195.288 DY -711.833
Class Normal DZ -4015.841 Code SG 60+00W R1
Mthd Phase Diff. H.pr 0.021 V.pr 0.040

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 230914.0 End wk 1061 sec 230918.0

INIT KI Init event Lost Week 1061
Init type On the fly seconds 230938.0
Init counter 18 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

NOTE TS Time Date 05/09/2000 Time 16:32:11

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INIT   KI  Init event   Gained          Week        1061
       Init type    On the fly        seconds     232344.0
       Init counter  19               Point ID     <no text>
       Survey type   Real Time          Plate H. Dist <null>
       Plate V. Dist <null>            Plate azimuth <null>

GPSVEC  TP  Point ID 161        DX  -11962.129       DY  -6067.682
       Class Normal        DZ  -15431.391       Code CHK BAS1
       Mthd Phase Diff.    H.pr 0.022           V.pr 0.036

GPSQC1  NM  Min SVs       7              PDOP max  0.8
       Total GPS pos  7               HDOP max  0.4
       Monitor status Yes             VDOP max  0.7
       Horizontal SD  0.000            Vert SD   0.000
       Start wk 1061 sec 232354.0       End wk 1061   sec 232360.0

INIT   KI  Init event   Lost            Week        1061
       Init type    On the fly        seconds     232397.0
       Init counter  19               Point ID     <no text>
       Survey type   Real Time          Plate H. Dist <null>
       Plate V. Dist <null>            Plate azimuth <null>

INIT   KI  Init event   Gained          Week        1061
       Init type    On the fly        seconds     232481.0
       Init counter  20               Point ID     <no text>
       Survey type   Real Time          Plate H. Dist <null>
       Plate V. Dist <null>            Plate azimuth <null>

INIT   KI  Init event   Lost            Week        1061
       Init type    On the fly        seconds     232503.0
       Init counter  20               Point ID     <no text>
       Survey type   Real Time          Plate H. Dist <null>
       Plate V. Dist <null>            Plate azimuth <null>

SURVEY  KI  Elev mask 10                PDOP mask 6.0

EQUIP   BA  Receiver  4800              Serial no 20141803
       Antenna   4800 Internal
       Method    Reading from hook using 4800 tape
       Tape adj  0.000                 Serial no <no text>
       Radius    0.358                 V.Const   0.104

SURVEY EVENTKISurvey event Base survey started

NOTE   TS  Time Date 05/09/2000 Time 18:07:00
```

EQUIP BA Receiver 4800 Serial no 20141803
Antenna 4800 Internal
Method Reading from hook using 4800 tape
Tape adj 0.000 Serial no <no text>
Radius 0.358 V.Const 0.104

GPSANT KI Antenna ht 4.892 Measuremt Uncorrected

EQUIP BA Receiver 4800 Serial no 20141803
Antenna 4800 Internal
Method Reading from hook using 4800 tape
Tape adj 0.000 Serial no <no text>
Radius 0.358 V.Const 0.104

GPSANT KI Antenna ht 4.892 Measuremt Uncorrected

EQUIP BA Receiver 4800 Serial no 20141803
Antenna 4800 Internal
Method Reading from hook using 4800 tape
Tape adj 0.000 Serial no <no text>
Radius 0.358 V.Const 0.104

GPSANT KI Antenna ht 4.892 Measuremt Uncorrected

GPSREF KI Reference BAS3

SURVEY KI Elev mask 10 PDOP mask 6.0

EQUIP NM Receiver 4800 Serial no 20152374
Antenna 4800 Internal
Method Measured to bottom of antenna mount
Tape adj 0.000 Serial no <no text>
Radius 0.000 V.Const 0.511

SURVEY EVENTKISurvey event Rover survey started

NOTE TS Time Date 05/09/2000 Time 18:07:42

GPSANT KI Antenna ht 0.000 Measuremt True

GPSPOS SI Point ID BAS3 Lat 33°35'15.17459"N Lng 112°15'46.04952"W
Class Check Hgt 1031.922 Code <no text>
Mthd User Input H.pr <null> V.pr <null>

GPSANT KI Antenna ht 4.984 Measuremt True

GPSREF KI Reference BAS3

INIT KI Init event Gained Week 1061
Init type On the fly seconds 238103.0
Init counter 1 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Lost Week 1061
Init type On the fly seconds 238120.0
Init counter 1 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1061
Init type On the fly seconds 238499.0
Init counter 2 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

EQUIP NM Receiver 4800 Serial no 20152374
Antenna 4800 Internal
Method Measured to bottom of antenna mount
Tape adj 0.000 Serial no <no text>
Radius 0.000 V.Const 0.511

GPSANT KI Antenna ht 5.906 Measuremt Uncorrected

GPSVEC TP Point ID 162 DX 2731.899 DY 24.820
Class Normal DZ 1608.604 Code 1FB1
Mthd Phase Diff. H.pr 0.021 V.pr 0.033

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 6 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 238503.0 End wk 1061 sec 238508.0

INIT KI Init event Lost Week 1061
Init type On the fly seconds 238514.0
Init counter 2 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1061
Init type On the fly seconds 238543.0
Init counter 3 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 163 DX 2731.913 DY 24.845
Class Normal DZ 1608.583 Code 1FB1
Mthd Phase Diff. H.pr 0.028 V.pr 0.044

GPSQC1 NM Min SVs 7 PDOP max 0.7
Total GPS pos 8 HDOP max 0.4
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 238549.0 End wk 1061 sec 238556.0

INIT KI Init event Lost Week 1061
Init type On the fly seconds 238571.0
Init counter 3 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1061
Init type On the fly seconds 238599.0
Init counter 4 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 164 DX 2731.900 DY 24.846
Class Normal DZ 1608.575 Code 1FB1
Mthd Phase Diff. H.pr 0.022 V.pr 0.035

GPSQC1 NM Min SVs 7 PDOP max 0.7
Total GPS pos 8 HDOP max 0.4
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 238603.0 End wk 1061 sec 238611.0

INIT KI Init event Lost Week 1061
Init type On the fly seconds 238631.0
Init counter 4 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

NOTE TS Time Date 05/09/2000 Time 18:39:02

INIT KI Init event Gained Week 1061
Init type On the fly seconds 239954.0
Init counter 5 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 165 DX 19479.352 DY 3602.570
Class Normal DZ 16287.360 Code 1GC1
Mthd Phase Diff. H.pr 0.024 V.pr 0.035

GPSQC1 NM Min SVs 7 PDOP max 0.5
Total GPS pos 9 HDOP max 0.3
Monitor status Yes VDOP max 0.4
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 239962.0 End wk 1061 sec 239972.0

INIT KI Init event Lost Week 1061
Init type On the fly seconds 239977.0
Init counter 5 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1061
Init type On the fly seconds 240013.0
Init counter 6 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 166 DX 19479.334 DY 3602.542
Class Normal DZ 16287.357 Code 1GC1
Mthd Phase Diff. H.pr 0.027 V.pr 0.039

GPSQC1 NM Min SVs 7 PDOP max 0.7
Total GPS pos 7 HDOP max 0.4
Monitor status Yes VDOP max 0.5
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 240030.0 End wk 1061 sec 240037.0

INIT KI Init event Lost Week 1061
Init type On the fly seconds 240060.0
Init counter 6 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1061
Init type On the fly seconds 240095.0
Init counter 7 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 167 DX 19479.353 DY 3602.514
Class Normal DZ 16287.382 Code 1GC1
Mthd Phase Diff. H.pr 0.029 V.pr 0.041

GPSQC1 NM Min SVs 7 PDOP max 0.7
Total GPS pos 6 HDOP max 0.4
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 240100.0 End wk 1061 sec 240105.0

INIT KI Init event Lost Week 1061
Init type On the fly seconds 240132.0
Init counter 7 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

SURVEY KI Elev mask 10 PDOP mask 6.0

EQUIP BA Receiver 4800 Serial no 20141803
Antenna 4800 Internal
Method Reading from hook using 4800 tape
Tape adj 0.000 Serial no <no text>
Radius 0.358 V.Const 0.104

SURVEY EVENTKISurvey event Base survey started

NOTE TS Time Date 05/10/2000 Time 21:19:24

EQUIP BA Receiver 4800 Serial no 20141803
Antenna 4800 Internal
Method Reading from hook using 4800 tape
Tape adj 0.000 Serial no <no text>
Radius 0.358 V.Const 0.104

GPSANT KI Antenna ht 5.049 Measuremt Uncorrected

EQUIP BA Receiver 4800 Serial no 20141803
Antenna 4800 Internal
Method Reading from hook using 4800 tape
Tape adj 0.000 Serial no <no text>
Radius 0.358 V.Const 0.104

GPSANT KI Antenna ht 5.049 Measuremt Uncorrected

EQUIP BA Receiver 4800 Serial no 20141803
Antenna 4800 Internal
Method Reading from hook using 4800 tape
Tape adj 0.000 Serial no <no text>
Radius 0.358 V.Const 0.104

GPSANT KI Antenna ht 5.049 Measuremt Uncorrected

GPSREF KI Reference BAS1

EQUIP NM Receiver 4800 Serial no 20152374
Antenna 4800 Internal
Method Measured to bottom of antenna mount
Tape adj 0.000 Serial no <no text>
Radius 0.000 V.Const 0.511

SURVEY EVENTKISurvey event Rover survey started

NOTE TS Time Date 05/10/2000 Time 21:19:59

SURVEY KI Elev mask 10 PDOP mask 6.0

EQUIP NM Receiver 4800 Serial no 20152374
Antenna 4800 Internal
Method Measured to bottom of antenna mount
Tape adj 0.000 Serial no <no text>
Radius 0.000 V.Const 0.511

SURVEY EVENTKISurvey event Rover survey started

NOTE TS Time Date 05/10/2000 Time 21:20:51

GPSANT KI Antenna ht 5.141 Measuremt True

GPSREF KI Reference BAS1

INIT KI Init event Gained Week 1061
Init type On the fly seconds 336067.0
Init counter 1 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Lost Week 1061
Init type On the fly seconds 336110.0
Init counter 1 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1061
Init type On the fly seconds 336483.0
Init counter 2 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

EQUIP NM Receiver 4800 Serial no 20152374
Antenna 4800 Internal
Method Measured to bottom of antenna mount
Tape adj 0.000 Serial no <no text>
Radius 0.000 V.Const 0.511

GPSANT KI Antenna ht 5.906 Measuremt Uncorrected

GPSVEC TP Point ID 168 DX -162.508 DY -210.845
Class Normal DZ -407.766 Code SG 97+06E R2
Mthd Phase Diff. H.pr 0.022 V.pr 0.039

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 336515.0 End wk 1061 sec 336520.0

INIT KI Init event Lost Week 1061
Init type On the fly seconds 336526.0
Init counter 2 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1061
Init type On the fly seconds 336554.0
Init counter 3 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 169 DX -162.561 DY -210.894
Class Normal DZ -407.762 Code SG 97+06E R2
Mthd Phase Diff. H.pr 0.029 V.pr 0.051

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 336558.0 End wk 1061 sec 336562.0

INIT KI Init event Lost Week 1061
Init type On the fly seconds 336575.0
Init counter 3 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1061
Init type On the fly seconds 336627.0
Init counter 4 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 170 DX -162.544 DY -210.847
Class Normal DZ -407.749 Code SG 97+06E R2
Mthd Phase Diff. H.pr 0.025 V.pr 0.044

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 336636.0 End wk 1061 sec 336640.0

INIT KI Init event Lost Week 1061
Init type On the fly seconds 336675.0
Init counter 4 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1061
Init type On the fly seconds 336968.0
Init counter 5 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Lost Week 1061
Init type On the fly seconds 336995.0
Init counter 5 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1061
Init type On the fly seconds 337142.0
Init counter 6 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 171 DX -1036.746 DY -3204.726
Class Normal DZ -5124.299 Code SG 22+90E R3
Mthd Phase Diff. H.pr 0.035 V.pr 0.053

GPSQC1 NM Min SVs 6 PDOP max 0.8
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 337166.0 End wk 1061 sec 337171.0

INIT KI Init event Lost Week 1061
Init type On the fly seconds 337179.0
Init counter 6 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1061
Init type On the fly seconds 337222.0
Init counter 7 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 172 DX -1036.715 DY -3204.737
Class Normal DZ -5124.272 Code SG 22+90E R3
Mthd Phase Diff. H.pr 0.021 V.pr 0.032

GPSQC1 NM Min SVs 6 PDOP max 0.8
Total GPS pos 6 HDOP max 0.4
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 337229.0 End wk 1061 sec 337235.0

INIT KI Init event Lost Week 1061
Init type On the fly seconds 337262.0
Init counter 7 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

NOTE KI Computed inverse, Start pt: 171, End pt: 172,

NOTE KI Azimuth: 54.619°, H Dist: 0.040ft, V Dist: 0.014ft,

NOTE KI S Dist: 0.043ft

INIT KI Init event Gained Week 1061
Init type On the fly seconds 337438.0
Init counter 8 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 173 DX -1289.265 DY -3862.508
Class Normal DZ -6198.063 Code SG 10+00E R3
Mthd Phase Diff. H.pr 0.027 V.pr 0.039

GPSQC1 NM Min SVs 6 PDOP max 0.8
Total GPS pos 7 HDOP max 0.5
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 337473.0 End wk 1061 sec 337479.0

INIT KI Init event Lost Week 1061
Init type On the fly seconds 337484.0
Init counter 8 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1061
Init type On the fly seconds 337590.0
Init counter 9 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Lost Week 1061
Init type On the fly seconds 337618.0
Init counter 9 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1061
Init type On the fly seconds 337653.0
Init counter 10 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 174 DX -1289.282 DY -3862.585
Class Normal DZ -6198.016 Code SG 10+00E R3
Mthd Phase Diff. H.pr 0.032 V.pr 0.056

GPSQC1 NM Min SVs 5 PDOP max 0.9
Total GPS pos 15 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 337676.0 End wk 1061 sec 337690.0

INIT KI Init event Lost Week 1061
Init type On the fly seconds 337708.0
Init counter 10 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

NOTE TS Time Date 05/10/2000 Time 21:49:55

INIT KI Init event Gained Week 1061
Init type On the fly seconds 337807.0
Init counter 11 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 175 DX -1289.256 DY -3862.630
Class Normal DZ -6198.025 Code SG 10+00E R3
Mthd Phase Diff. H.pr 0.024 V.pr 0.040

GPSQC1 NM Min SVs 5 PDOP max 1.2
Total GPS pos 6 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 337828.0 End wk 1061 sec 337834.0

```
INIT   KI  Init event    Lost            Week        1061
        Init type     On the fly       seconds      337862.0
        Init counter  11               Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

INIT   KI  Init event    Gained          Week        1061
        Init type     On the fly       seconds      338123.0
        Init counter  12               Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

GPSVEC  TP  Point ID 176        DX  -2326.815        DY  -3451.295
        Class Normal        DZ  -6219.172        Code SG 10+00W R3
        Mthd Phase Diff.    H.pr 0.028           V.pr 0.033

GPSQC1  NM  Min SVs       6              PDOP max  0.7
        Total GPS pos  7              HDOP max  0.5
        Monitor status Yes            VDOP max  0.6
        Horizontal SD  0.000            Vert SD   0.000
        Start wk 1061 sec 338148.0       End wk 1061   sec 338154.0

INIT   KI  Init event    Lost            Week        1061
        Init type     On the fly       seconds      338162.0
        Init counter  12               Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

INIT   KI  Init event    Gained          Week        1061
        Init type     On the fly       seconds      338208.0
        Init counter  13               Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

GPSVEC  TP  Point ID 177        DX  -2326.862        DY  -3451.309
        Class Normal        DZ  -6219.212        Code SG 10+00W R3
        Mthd Phase Diff.    H.pr 0.032           V.pr 0.038

GPSQC1  NM  Min SVs       6              PDOP max  0.6
        Total GPS pos  11             HDOP max  0.4
        Monitor status Yes            VDOP max  0.5
        Horizontal SD  0.000            Vert SD   0.000
        Start wk 1061 sec 338218.0       End wk 1061   sec 338228.0
```

INIT KI Init event Lost Week 1061
Init type On the fly seconds 338267.0
Init counter 13 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1061
Init type On the fly seconds 338400.0
Init counter 14 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 178 DX -2064.162 DY -2785.258
Class Normal DZ -5127.692 Code SG 22+90W R3
Mthd Phase Diff. H.pr 0.021 V.pr 0.031

GPSQC1 NM Min SVs 5 PDOP max 1.5
Total GPS pos 4 HDOP max 0.8
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 338424.0 End wk 1061 sec 338427.0

INIT KI Init event Lost Week 1061
Init type On the fly seconds 338432.0
Init counter 14 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1061
Init type On the fly seconds 338480.0
Init counter 15 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 179 DX -2064.187 DY -2785.389
Class Normal DZ -5127.628 Code SG 22+90W R3
Mthd Phase Diff. H.pr 0.029 V.pr 0.044

GPSQC1 NM Min SVs 5 PDOP max 1.2
Total GPS pos 6 HDOP max 0.7
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 338486.0 End wk 1061 sec 338491.0

INIT KI Init event Lost Week 1061
Init type On the fly seconds 338503.0
Init counter 15 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1061
Init type On the fly seconds 338562.0
Init counter 16 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 180 DX -2064.199 DY -2785.371
Class Normal DZ -5127.598 Code SG 22+90W R3
Mthd Phase Diff. H.pr 0.025 V.pr 0.038

GPSQC1 NM Min SVs 5 PDOP max 1.3
Total GPS pos 4 HDOP max 0.7
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 338567.0 End wk 1061 sec 338571.0

INIT KI Init event Lost Week 1061
Init type On the fly seconds 338594.0
Init counter 16 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

NOTE TS Time Date 05/10/2000 Time 22:41:14

INIT KI Init event Gained Week 1061
Init type On the fly seconds 340886.0
Init counter 17 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 181 DX 4455.125 DY 2560.175
Class Normal DZ 6159.037 Code SG 184+00W R2
Mthd Phase Diff. H.pr 0.025 V.pr 0.040

GPSQC1 NM Min SVs 5 PDOP max 1.1
Total GPS pos 7 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 340928.0 End wk 1061 sec 340934.0

INIT KI Init event Lost Week 1061
Init type On the fly seconds 340941.0
Init counter 17 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1061
Init type On the fly seconds 340987.0
Init counter 18 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 182 DX 4455.117 DY 2560.121
Class Normal DZ 6159.065 Code SG 184+00W R2
Mthd Phase Diff. H.pr 0.024 V.pr 0.039

GPSQC1 NM Min SVs 5 PDOP max 1.1
Total GPS pos 7 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 341001.0 End wk 1061 sec 341007.0

INIT KI Init event Lost Week 1061
Init type On the fly seconds 341022.0
Init counter 18 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1061
Init type On the fly seconds 341078.0
Init counter 19 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 183 DX 4455.069 DY 2560.085
Class Normal DZ 6159.063 Code SG 184+00W R2
Mthd Phase Diff. H.pr 0.028 V.pr 0.046

GPSQC1 NM Min SVs 5 PDOP max 1.1
Total GPS pos 6 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 341090.0 End wk 1061 sec 341096.0

```
INIT   KI  Init event    Lost            Week        1061
       Init type     On the fly        seconds     341128.0
       Init counter  19                Point ID    <no text>
       Survey type   Real Time          Plate H. Dist <null>
       Plate V. Dist <null>            Plate azimuth <null>

INIT   KI  Init event    Gained          Week        1061
       Init type     On the fly        seconds     341169.0
       Init counter  20                Point ID    <no text>
       Survey type   Real Time          Plate H. Dist <null>
       Plate V. Dist <null>            Plate azimuth <null>

GPSVEC  TP  Point ID 184       DX  4455.086        DY  2560.007
       Class Normal        DZ  6159.071        Code SG 184+00W R2
       Mthd Phase Diff.    H.pr 0.021          V.pr 0.037

GPSQC1  NM  Min SVs       5              PDOP max  0.9
       Total GPS pos  11              HDOP max  0.4
       Monitor status Yes             VDOP max  0.8
       Horizontal SD  0.000            Vert SD   0.000
       Start wk 1061 sec 341474.0      End wk 1061   sec 341486.0

INIT   KI  Init event    Lost            Week        1061
       Init type     On the fly        seconds     341519.0
       Init counter  20                Point ID    <no text>
       Survey type   Real Time          Plate H. Dist <null>
       Plate V. Dist <null>            Plate azimuth <null>

INIT   KI  Init event    Gained          Week        1061
       Init type     On the fly        seconds     341559.0
       Init counter  21                Point ID    <no text>
       Survey type   Real Time          Plate H. Dist <null>
       Plate V. Dist <null>            Plate azimuth <null>

GPSVEC  TP  Point ID 185       DX  4455.156        DY  2560.190
       Class Normal        DZ  6159.012        Code SG 184+00W R2
       Mthd Phase Diff.    H.pr 0.019          V.pr 0.033

GPSQC1  NM  Min SVs       5              PDOP max  1.0
       Total GPS pos  9               HDOP max  0.5
       Monitor status Yes             VDOP max  0.9
       Horizontal SD  0.000            Vert SD   0.000
       Start wk 1061 sec 341575.0      End wk 1061   sec 341583.0
```

INIT KI Init event Lost Week 1061
Init type On the fly seconds 341609.0
Init counter 21 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1061
Init type On the fly seconds 341781.0
Init counter 22 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 186 DX 4455.107 DY 2560.187
Class Normal DZ 6159.028 Code SG 184+00W R2
Mthd Phase Diff. H.pr 0.024 V.pr 0.043

GPSQC1 NM Min SVs 5 PDOP max 0.7
Total GPS pos 19 HDOP max 0.3
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 341806.0 End wk 1061 sec 341827.0

INIT KI Init event Lost Week 1061
Init type On the fly seconds 341849.0
Init counter 22 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1061
Init type On the fly seconds 342242.0
Init counter 23 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 187 DX 1168.961 DY 1352.759
Class Normal DZ 2559.208 Code SG 130+00W R2
Mthd Phase Diff. H.pr 0.032 V.pr 0.062

GPSQC1 NM Min SVs 5 PDOP max 1.4
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 342301.0 End wk 1061 sec 342304.0

```
INIT   KI  Init event   Lost            Week        1061
       Init type    On the fly        seconds     342309.0
       Init counter  23               Point ID    <no text>
       Survey type   Real Time          Plate H. Dist <null>
       Plate V. Dist <null>            Plate azimuth <null>

INIT   KI  Init event   Gained          Week        1061
       Init type    On the fly        seconds     342373.0
       Init counter  24               Point ID    <no text>
       Survey type   Real Time          Plate H. Dist <null>
       Plate V. Dist <null>            Plate azimuth <null>

GPSVEC  TP  Point ID 188       DX  1168.961        DY  1352.730
       Class Normal        DZ  2559.224        Code SG 130+00W R2
       Mthd Phase Diff.    H.pr 0.022          V.pr 0.043

GPSQC1  NM  Min SVs       5              PDOP max  1.3
       Total GPS pos  6              HDOP max  0.6
       Monitor status Yes            VDOP max  1.1
       Horizontal SD  0.000            Vert SD   0.000
       Start wk 1061 sec 342383.0       End wk 1061   sec 342388.0

INIT   KI  Init event   Lost            Week        1061
       Init type    On the fly        seconds     342399.0
       Init counter  24               Point ID    <no text>
       Survey type   Real Time          Plate H. Dist <null>
       Plate V. Dist <null>            Plate azimuth <null>

INIT   KI  Init event   Gained          Week        1061
       Init type    On the fly        seconds     342451.0
       Init counter  25               Point ID    <no text>
       Survey type   Real Time          Plate H. Dist <null>
       Plate V. Dist <null>            Plate azimuth <null>

GPSVEC  TP  Point ID 189       DX  1168.969        DY  1352.778
       Class Normal        DZ  2559.194        Code SG 130+00W R2
       Mthd Phase Diff.    H.pr 0.017          V.pr 0.034

GPSQC1  NM  Min SVs       5              PDOP max  1.2
       Total GPS pos  7              HDOP max  0.5
       Monitor status Yes            VDOP max  1.1
       Horizontal SD  0.000            Vert SD   0.000
       Start wk 1061 sec 342460.0       End wk 1061   sec 342466.0
```

```
INIT   KI  Init event    Lost            Week        1061
        Init type     On the fly       seconds      342499.0
        Init counter  25               Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

NOTE   TS  Time Date 05/10/2000 Time 23:12:54

INIT   KI  Init event    Gained          Week        1061
        Init type     On the fly       seconds      342785.0
        Init counter  26               Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

INIT   KI  Init event    Lost            Week        1061
        Init type     On the fly       seconds      342892.0
        Init counter  26               Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

INIT   KI  Init event    Gained          Week        1061
        Init type     On the fly       seconds      343000.0
        Init counter  27               Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

GPSVEC  TP  Point ID 190       DX  2196.108        DY  739.230
        Class Normal        DZ  2293.698        Code SG 135+00E R2
        Mthd Phase Diff.    H.pr 0.023          V.pr 0.040

GPSQC1  NM  Min SVs       7            PDOP max  0.8
        Total GPS pos  6             HDOP max  0.4
        Monitor status Yes           VDOP max  0.7
        Horizontal SD  0.000          Vert SD   0.000
        Start wk 1061 sec 343030.0       End wk 1061   sec 343035.0

INIT   KI  Init event    Lost            Week        1061
        Init type     On the fly       seconds      343039.0
        Init counter  27               Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>
```

INIT KI Init event Gained Week 1061
Init type On the fly seconds 343098.0
Init counter 28 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 191 DX 2196.141 DY 739.272
Class Normal DZ 2293.640 Code SG 135+00E R2
Mthd Phase Diff. H.pr 0.026 V.pr 0.045

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 6 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 343128.0 End wk 1061 sec 343133.0

INIT KI Init event Lost Week 1061
Init type On the fly seconds 343151.0
Init counter 28 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1061
Init type On the fly seconds 343200.0
Init counter 29 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 192 DX 2196.090 DY 739.202
Class Normal DZ 2293.676 Code SG 135+00E R2
Mthd Phase Diff. H.pr 0.022 V.pr 0.039

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 4 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 343253.0 End wk 1061 sec 343257.0

INIT KI Init event Lost Week 1061
Init type On the fly seconds 343277.0
Init counter 29 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1061
Init type On the fly seconds 343558.0
Init counter 30 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 193 DX 5411.946 DY 2034.188
Class Normal DZ 5971.746 Code SG 184+00E R2
Mthd Phase Diff. H.pr 0.019 V.pr 0.037

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 5 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 343641.0 End wk 1061 sec 343645.0

INIT KI Init event Lost Week 1061
Init type On the fly seconds 343650.0
Init counter 30 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1061
Init type On the fly seconds 343674.0
Init counter 31 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 194 DX 5411.958 DY 2034.229
Class Normal DZ 5971.714 Code SG 184+00E R2
Mthd Phase Diff. H.pr 0.019 V.pr 0.036

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 7 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 343679.0 End wk 1061 sec 343685.0

INIT KI Init event Lost Week 1061
Init type On the fly seconds 343694.0
Init counter 31 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1061
Init type On the fly seconds 343720.0
Init counter 32 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 195 DX 5411.988 DY 2034.282
Class Normal DZ 5971.702 Code SG 184+00E R2
Mthd Phase Diff. H.pr 0.020 V.pr 0.039

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 7 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 343725.0 End wk 1061 sec 343731.0

INIT KI Init event Lost Week 1061
Init type On the fly seconds 343744.0
Init counter 32 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

NOTE KI Computed inverse, Start pt: 194, End pt: 195,

NOTE KI Azimuth: 17.977°, H Dist: 0.025ft, V Dist: -0.057ft,

NOTE KI S Dist: 0.062ft

INIT KI Init event Gained Week 1061
Init type On the fly seconds 343780.0
Init counter 33 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 196 DX 5411.994 DY 2034.229
Class Normal DZ 5971.706 Code SG 184+00E R2
Mthd Phase Diff. H.pr 0.023 V.pr 0.045

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 8 HDOP max 0.3
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 343785.0 End wk 1061 sec 343792.0

```
INIT   KI  Init event   Lost            Week        1061
        Init type    On the fly       seconds     343820.0
        Init counter  33              Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

NOTE   TS  Time Date 05/10/2000 Time 23:47:54

INIT   KI  Init event   Gained          Week        1061
        Init type    On the fly       seconds     344885.0
        Init counter  34              Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

INIT   KI  Init event   High RMS        Week        1061
        Init type    On the fly       seconds     344937.0
        Init counter  34              Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

INIT   KI  Init event   Good RMS        Week        1061
        Init type    On the fly       seconds     344939.0
        Init counter  34              Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

GPSVEC  TP  Point ID 197       DX  -1403.283       DY  418.722
        Class Normal       DZ  -239.125        Code SG 90+09W R2
        Mthd Phase Diff.    H.pr 0.022          V.pr 0.043

GPSQC1  NM  Min SVs      8              PDOP max  0.7
        Total GPS pos  7              HDOP max  0.3
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1061 sec 344948.0       End wk 1061   sec 344954.0

INIT   KI  Init event   Lost(RMS)       Week        1061
        Init type    On the fly       seconds     344960.0
        Init counter  34              Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>
```

INIT KI Init event Gained Week 1061
Init type On the fly seconds 344987.0
Init counter 35 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 198 DX -1403.265 DY 418.721
Class Normal DZ -239.100 Code SG 90+09W R2
Mthd Phase Diff. H.pr 0.018 V.pr 0.036

GPSQC1 NM Min SVs 8 PDOP max 0.8
Total GPS pos 6 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 345001.0 End wk 1061 sec 345006.0

SURVEY KI Elev mask 10 PDOP mask 6.0

EQUIP BA Receiver 4800 Serial no 20141803
Antenna 4800 Internal
Method Reading from hook using 4800 tape
Tape adj 0.000 Serial no <no text>
Radius 0.358 V.Const 0.104

SURVEY EVENTKISurvey event Base survey started

NOTE TS Time Date 05/11/2000 Time 12:57:46

EQUIP BA Receiver 4800 Serial no 20141803
Antenna 4800 Internal
Method Reading from hook using 4800 tape
Tape adj 0.000 Serial no <no text>
Radius 0.358 V.Const 0.104

GPSANT KI Antenna ht 5.072 Measuremt Uncorrected

EQUIP BA Receiver 4800 Serial no 20141803
Antenna 4800 Internal
Method Reading from hook using 4800 tape
Tape adj 0.000 Serial no <no text>
Radius 0.358 V.Const 0.104

GPSANT KI Antenna ht 5.072 Measuremt Uncorrected

EQUIP BA Receiver 4800 Serial no 20141803
Antenna 4800 Internal
Method Reading from hook using 4800 tape
Tape adj 0.000 Serial no <no text>
Radius 0.358 V.Const 0.104

GPSANT KI Antenna ht 5.072 Measuremt Uncorrected

GPSREF KI Reference BAS1

EQUIP NM Receiver 4800 Serial no 20152374
Antenna 4800 Internal
Method Measured to bottom of antenna mount
Tape adj 0.000 Serial no <no text>
Radius 0.000 V.Const 0.511

SURVEY EVENTKISurvey event Rover survey started

NOTE TS Time Date 05/11/2000 Time 12:58:26

GPSANT KI Antenna ht 5.164 Measuremt True

GPSREF KI Reference BAS1

INIT KI Init event Gained Week 1061
Init type On the fly seconds 392372.0
Init counter 1 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Lost Week 1061
Init type On the fly seconds 392379.0
Init counter 1 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1061
Init type On the fly seconds 392817.0
Init counter 2 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

NOTE KI LINE. Name: 1, Code: , Method: Two points, Start pt: 175,

NOTE KI End pt: 110, Azimuth: 81.231°, Length: 12.841ft,

NOTE KI Grade: 39.787°

EQUIP NM Receiver 4800 Serial no 20152374
Antenna 4800 Internal
Method Measured to bottom of antenna mount
Tape adj 0.000 Serial no <no text>
Radius 0.000 V.Const 0.511

GPSANT KI Antenna ht 5.906 Measuremt Uncorrected

GPSVEC SO Point ID 1001 DX -1290.413 DY -3859.683
Class Stake out DZ -6199.700 Code TOE LEVEE
Mthd Phase Diff. H.pr 0.018 V.pr 0.035

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 5 HDOP max 0.7
Monitor status Yes VDOP max 1.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 393336.0 End wk 1061 sec 393340.0

LINEAR DGN SO
Name 1 To the Line
Stn 0.000 Offset <null>
Elv <null>

LINEAR D SO
DStn -2.184 DOfs -0.207
DElv 0.989 Grd to Line 1:0.209

INIT KI Init event Lost Week 1061
Init type On the fly seconds 393351.0
Init counter 2 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1061
Init type On the fly seconds 393378.0
Init counter 3 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC SO Point ID 1002 DX -1292.597 DY -3858.880
Class Stake out DZ -6200.276 Code E/CNC
Mthd Phase Diff. H.pr 0.021 V.pr 0.039

GPSQC1 NM Min SVs 6 PDOP max 0.9
Total GPS pos 12 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 393416.0 End wk 1061 sec 393428.0

LINEAR DGN SO
Name 1 To the Line
Stn 0.000 Offset <null>
Elv <null>

LINEAR D SO
DStn -4.564 DOfs -0.048
DElv -0.748 Grd to Line 1:-0.064

GPSVEC TP Point ID 1003 DX -1297.549 DY -3855.838
Class Normal DZ -6201.873 Code GRD
Mthd Phase Diff. H.pr 0.020 V.pr 0.038

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 8 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 393460.0 End wk 1061 sec 393467.0

GPSVEC TP Point ID 1004 DX -1306.264 DY -3852.966
Class Normal DZ -6203.223 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.041

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 393481.0 End wk 1061 sec 393484.0

GPSVEC TP Point ID 1005 DX -1310.866 DY -3851.832
Class Normal DZ -6203.570 Code GRD
Mthd Phase Diff. H.pr 0.018 V.pr 0.032

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 393498.0 End wk 1061 sec 393501.0

GPSVEC TP Point ID 1006 DX -1325.427 DY -3847.420
Class Normal DZ -6205.599 Code GRD
Mthd Phase Diff. H.pr 0.018 V.pr 0.031

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 393525.0 End wk 1061 sec 393528.0

GPSVEC TP Point ID 1007 DX -1330.465 DY -3845.618
Class Normal DZ -6206.531 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.043

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 393540.0 End wk 1061 sec 393542.0

GPSVEC TP Point ID 1008 DX -1341.324 DY -3842.595
Class Normal DZ -6207.810 Code GRD
Mthd Phase Diff. H.pr 0.020 V.pr 0.035

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 393560.0 End wk 1061 sec 393563.0

GPSVEC TP Point ID 1009 DX -1356.972 DY -3837.135
Class Normal DZ -6210.144 Code GRD
Mthd Phase Diff. H.pr 0.017 V.pr 0.030

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 393579.0 End wk 1061 sec 393582.0

GPSVEC TP Point ID 1010 DX -1370.645 DY -3833.246
Class Normal DZ -6211.973 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.042

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 5 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 393604.0 End wk 1061 sec 393608.0

GPSVEC TP Point ID 1011 DX -1382.731 DY -3829.357
Class Normal DZ -6213.523 Code GRD
Mthd Phase Diff. H.pr 0.028 V.pr 0.049

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 393627.0 End wk 1061 sec 393632.0

GPSVEC TP Point ID 1012 DX -1401.138 DY -3823.541
Class Normal DZ -6216.073 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.039

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 5 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 393649.0 End wk 1061 sec 393653.0

GPSVEC TP Point ID 1013 DX -1419.869 DY -3817.576
Class Normal DZ -6218.661 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.043

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 5 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 393670.0 End wk 1061 sec 393674.0

GPSVEC TP Point ID 1014 DX -1439.188 DY -3811.667
Class Normal DZ -6221.491 Code GRD
Mthd Phase Diff. H.pr 0.020 V.pr 0.034

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 393694.0 End wk 1061 sec 393697.0

GPSVEC TP Point ID 1015 DX -1458.094 DY -3805.657
Class Normal DZ -6224.087 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.047

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 393719.0 End wk 1061 sec 393722.0

GPSVEC TP Point ID 1016 DX -1477.021 DY -3799.745
Class Normal DZ -6226.794 Code GRD
Mthd Phase Diff. H.pr 0.020 V.pr 0.034

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 393742.0 End wk 1061 sec 393745.0

GPSVEC TP Point ID 1017 DX -1492.254 DY -3795.243
Class Normal DZ -6228.720 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.037

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 5 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 393774.0 End wk 1061 sec 393778.0

GPSVEC TP Point ID 1018 DX -1502.252 DY -3791.825
Class Normal DZ -6230.175 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.036

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 393803.0 End wk 1061 sec 393806.0

GPSVEC TP Point ID 1019 DX -1514.304 DY -3788.225
Class Normal DZ -6231.925 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.044

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 393832.0 End wk 1061 sec 393835.0

GPSVEC TP Point ID 1020 DX -1533.758 DY -3782.170
Class Normal DZ -6234.462 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.035

GPSQC1 NM Min SVs 7 PDOP max 0.6
Total GPS pos 12 HDOP max 0.3
Monitor status Yes VDOP max 0.5
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 393867.0 End wk 1061 sec 393878.0

GPSVEC TP Point ID 1021 DX -1553.005 DY -3776.060
Class Normal DZ -6237.206 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.035

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 6 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 393909.0 End wk 1061 sec 393914.0

GPSVEC TP Point ID 1022 DX -1571.744 DY -3770.253
Class Normal DZ -6239.783 Code GRD
Mthd Phase Diff. H.pr 0.018 V.pr 0.031

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 6 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 394022.0 End wk 1061 sec 394027.0

NOTE TS Time Date 05/11/2000 Time 13:27:11

INIT KI Init event Lost Week 1061
Init type On the fly seconds 394043.0
Init counter 3 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1061
Init type On the fly seconds 394461.0
Init counter 4 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 1023 DX -1281.704 DY -3874.343
Class Normal DZ -6190.909 Code TOP LEVEE
Mthd Phase Diff. H.pr 0.018 V.pr 0.030

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 6 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 394473.0 End wk 1061 sec 394478.0

INIT KI Init event Lost Week 1061
Init type On the fly seconds 394665.0
Init counter 4 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1061
Init type On the fly seconds 394743.0
Init counter 5 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

NOTE KI LINE. Name: 2, Code: , Method: Two points, Start pt: 112,

NOTE KI End pt: 107, Azimuth: 270.016°, Length: 1134.136ft,

NOTE KI Grade: 0.033°

GPSVEC TP Point ID 1024 DX -1030.104 DY -3216.703
Class Normal DZ -5118.877 Code TOP LEVEE
Mthd Phase Diff. H.pr 0.018 V.pr 0.029

GPSQC1 NM Min SVs 7 PDOP max 0.7
Total GPS pos 6 HDOP max 0.4
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 394859.0 End wk 1061 sec 394864.0

INIT KI Init event Lost Week 1061
Init type On the fly seconds 394937.0
Init counter 5 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1061
Init type On the fly seconds 395488.0
Init counter 6 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

NOTE KI LINE. Name: 3, Code: , Method: Two points, Start pt: 176,

NOTE KI End pt: 108, Azimuth: 274.910°, Length: 11.900ft,

NOTE KI Grade: 42.934°

GPSVEC TP Point ID 1025 DX -2340.050 DY -3455.290
Class Normal DZ -6212.298 Code TOP LEVEE
Mthd Phase Diff. H.pr 0.032 V.pr 0.046

GPSQC1 NM Min SVs 8 PDOP max 0.7
Total GPS pos 6 HDOP max 0.4
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 395570.0 End wk 1061 sec 395575.0

INIT KI Init event Lost Week 1061
Init type On the fly seconds 395662.0
Init counter 6 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1061
Init type On the fly seconds 395706.0
Init counter 7 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 1026 DX -2077.559 DY -2789.306
Class Normal DZ -5121.970 Code TOP LEVEE
Mthd Phase Diff. H.pr 0.023 V.pr 0.033

```
GPSQC1  NM  Min SVs      8              PDOP max  0.7
        Total GPS pos  6              HDOP max  0.4
        Monitor status Yes            VDOP max  0.5
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1061 sec 395745.0       End wk 1061   sec 395750.0

NOTE    TS  Time Date 05/11/2000 Time 13:57:35

INIT    KI  Init event    Lost            Week        1061
        Init type     On the fly        seconds     395866.0
        Init counter  7                 Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

INIT    KI  Init event    Gained          Week        1061
        Init type     On the fly        seconds     396105.0
        Init counter  8                 Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

GPSVEC  TP  Point ID 1027       DX  -2322.806       DY  -3449.951
        Class Normal        DZ  -6221.700       Code TOE LEVEE
        Mthd Phase Diff.    H.pr 0.023          V.pr 0.034

GPSQC1  NM  Min SVs      6              PDOP max  0.9
        Total GPS pos  4              HDOP max  0.5
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1061 sec 396122.0       End wk 1061   sec 396125.0

INIT    KI  Init event    Lost            Week        1061
        Init type     On the fly        seconds     396127.0
        Init counter  8                 Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

INIT    KI  Init event    Gained          Week        1061
        Init type     On the fly        seconds     396159.0
        Init counter  9                 Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

GPSVEC  TP  Point ID 1028       DX  -2307.951       DY  -3456.166
        Class Normal        DZ  -6223.280       Code GRD
        Mthd Phase Diff.    H.pr 0.027          V.pr 0.040
```

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 396190.0 End wk 1061 sec 396193.0

GPSVEC TP Point ID 1029 DX -2301.298 DY -3459.430
Class Normal DZ -6223.231 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.035

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 396219.0 End wk 1061 sec 396221.0

GPSVEC TP Point ID 1030 DX -2289.251 DY -3464.714
Class Normal DZ -6224.243 Code GRD
Mthd Phase Diff. H.pr 0.028 V.pr 0.042

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 396260.0 End wk 1061 sec 396262.0

GPSVEC TP Point ID 1031 DX -2271.444 DY -3473.278
Class Normal DZ -6225.409 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.035

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 5 HDOP max 0.4
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 396280.0 End wk 1061 sec 396284.0

GPSVEC TP Point ID 1032 DX -2252.665 DY -3481.758
Class Normal DZ -6227.011 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.040

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 4 HDOP max 0.4
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 396314.0 End wk 1061 sec 396317.0

GPSVEC TP Point ID 1033 DX -2235.059 DY -3489.875
Class Normal DZ -6228.462 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.034

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 3 HDOP max 0.4
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 396349.0 End wk 1061 sec 396353.0

GPSVEC TP Point ID 1034 DX -2216.518 DY -3498.420
Class Normal DZ -6229.810 Code GRD
Mthd Phase Diff. H.pr 0.028 V.pr 0.042

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 396370.0 End wk 1061 sec 396373.0

GPSVEC TP Point ID 1035 DX -2197.908 DY -3506.924
Class Normal DZ -6231.178 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.037

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 396403.0 End wk 1061 sec 396406.0

GPSVEC TP Point ID 1036 DX -2185.172 DY -3512.914
Class Normal DZ -6232.225 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.037

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 396430.0 End wk 1061 sec 396433.0

GPSVEC TP Point ID 1037 DX -2173.494 DY -3518.050
Class Normal DZ -6233.343 Code GRD
Mthd Phase Diff. H.pr 0.020 V.pr 0.029

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 396451.0 End wk 1061 sec 396454.0

GPSVEC TP Point ID 1038 DX -2159.202 DY -3525.125
Class Normal DZ -6234.120 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.033

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 396475.0 End wk 1061 sec 396477.0

GPSVEC TP Point ID 1039 DX -2142.953 DY -3532.418
Class Normal DZ -6235.406 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.033

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 396504.0 End wk 1061 sec 396506.0

GPSVEC TP Point ID 1040 DX -2125.420 DY -3540.402
Class Normal DZ -6236.837 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.033

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 5 HDOP max 0.4
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 396523.0 End wk 1061 sec 396527.0

GPSVEC TP Point ID 1041 DX -2108.276 DY -3548.451
Class Normal DZ -6237.897 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.032

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 396547.0 End wk 1061 sec 396550.0

GPSVEC TP Point ID 1042 DX -2090.433 DY -3556.715
Class Normal DZ -6239.432 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.038

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 396577.0 End wk 1061 sec 396580.0

GPSVEC TP Point ID 1043 DX -2072.247 DY -3565.097
Class Normal DZ -6240.814 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.032

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 396604.0 End wk 1061 sec 396606.0

GPSVEC TP Point ID 1044 DX -2053.717 DY -3573.721
Class Normal DZ -6242.331 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.034

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 5 HDOP max 0.4
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 396638.0 End wk 1061 sec 396642.0

INIT KI Init event Lost Week 1061
Init type On the fly seconds 396647.0
Init counter 9 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1061
Init type On the fly seconds 397338.0
Init counter 10 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 1045 DX -1038.147 DY -3200.875
Class Normal DZ -5126.380 Code TOE LEVEE
Mthd Phase Diff. H.pr 0.040 V.pr 0.052

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 397372.0 End wk 1061 sec 397377.0

GPSVEC TP Point ID 1046 DX -1040.125 DY -3199.637
Class Normal DZ -5126.657 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.028 V.pr 0.037

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 397408.0 End wk 1061 sec 397411.0

INIT KI Init event Lost Week 1061
Init type On the fly seconds 397424.0
Init counter 10 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1061
Init type On the fly seconds 397449.0
Init counter 11 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 1047 DX -1057.627 DY -3192.296
Class Normal DZ -5126.716 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.027 V.pr 0.035

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 397484.0 End wk 1061 sec 397488.0

GPSVEC TP Point ID 1048 DX -1077.445 DY -3184.096
Class Normal DZ -5126.942 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.027 V.pr 0.036

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GPSQC1  NM  Min SVs      7              PDOP max  0.9
        Total GPS pos  5             HDOP max  0.6
        Monitor status Yes           VDOP max  0.7
        Horizontal SD  0.000          Vert SD   0.000
        Start wk 1061 sec 397524.0      End wk 1061   sec 397528.0

GPSVEC  TP  Point ID 1049      DX  -1098.306       DY  -3175.728
        Class Normal        DZ  -5127.018       Code TOP CNC GCS
        Mthd Phase Diff.    H.pr 0.025          V.pr 0.034

GPSQC1  NM  Min SVs      7              PDOP max  1.0
        Total GPS pos  4             HDOP max  0.6
        Monitor status Yes           VDOP max  0.8
        Horizontal SD  0.000          Vert SD   0.000
        Start wk 1061 sec 397554.0      End wk 1061   sec 397557.0

GPSVEC  TP  Point ID 1050      DX  -1116.482       DY  -3168.145
        Class Normal        DZ  -5126.956       Code TOP CNC GCS
        Mthd Phase Diff.    H.pr 0.023          V.pr 0.031

GPSQC1  NM  Min SVs      7              PDOP max  0.8
        Total GPS pos  8             HDOP max  0.5
        Monitor status Yes           VDOP max  0.6
        Horizontal SD  0.000          Vert SD   0.000
        Start wk 1061 sec 397576.0      End wk 1061   sec 397583.0

EQUIP   NM  Receiver  4800                Serial no 20152374
        Antenna   4800 Internal
        Method    Measured to bottom of antenna mount
        Tape adj  0.000               Serial no <no text>
        Radius    0.000               V.Const   0.511

SURVEY EVENTKISurvey event Rover survey started

NOTE    TS  Time Date 05/11/2000 Time 14:27:24

GPSANT  KI  Antenna ht 5.164                Measuremt True

NOTE    TS  Time Date 05/11/2000 Time 14:27:43

GPSREF  KI  Reference BAS1
```

EQUIP NM Receiver 4800 Serial no 20152374
Antenna 4800 Internal
Method Measured to bottom of antenna mount
Tape adj 0.000 Serial no <no text>
Radius 0.000 V.Const 0.511

GPSANT KI Antenna ht 5.906 Measuremt Uncorrected

INIT KI Init event Gained Week 1061
Init type On the fly seconds 397695.0
Init counter 1 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 1051 DX -1135.182 DY -3160.266
Class Normal DZ -5127.162 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.040 V.pr 0.055

GPSQC1 NM Min SVs 7 PDOP max 1.2
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 397775.0 End wk 1061 sec 397777.0

GPSVEC TP Point ID 1052 DX -1153.795 DY -3152.891
Class Normal DZ -5127.251 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.021 V.pr 0.029

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 397793.0 End wk 1061 sec 397797.0

GPSVEC TP Point ID 1053 DX -1172.314 DY -3145.438
Class Normal DZ -5127.181 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.025 V.pr 0.034

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 397811.0 End wk 1061 sec 397814.0

GPSVEC TP Point ID 1054 DX -1190.861 DY -3137.837
Class Normal DZ -5127.242 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.025 V.pr 0.034

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 397829.0 End wk 1061 sec 397832.0

GPSVEC TP Point ID 1055 DX -1209.569 DY -3130.348
Class Normal DZ -5127.253 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.024 V.pr 0.033

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 397853.0 End wk 1061 sec 397856.0

GPSVEC TP Point ID 1056 DX -1228.355 DY -3122.755
Class Normal DZ -5127.265 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.042 V.pr 0.057

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 397873.0 End wk 1061 sec 397877.0

GPSVEC TP Point ID 1057 DX -1246.606 DY -3115.382
Class Normal DZ -5127.196 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.026 V.pr 0.036

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 397896.0 End wk 1061 sec 397900.0

GPSVEC TP Point ID 1058 DX -1265.014 DY -3107.967
Class Normal DZ -5127.300 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.023 V.pr 0.032

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 397918.0 End wk 1061 sec 397922.0

GPSVEC TP Point ID 1059 DX -1283.491 DY -3100.537
Class Normal DZ -5127.437 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.030 V.pr 0.041

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 397936.0 End wk 1061 sec 397940.0

GPSVEC TP Point ID 1060 DX -1302.155 DY -3092.820
Class Normal DZ -5127.366 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.033 V.pr 0.046

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 397960.0 End wk 1061 sec 397963.0

GPSVEC TP Point ID 1061 DX -1320.418 DY -3085.315
Class Normal DZ -5127.473 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.031 V.pr 0.043

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 397983.0 End wk 1061 sec 397987.0

GPSVEC TP Point ID 1062 DX -1339.037 DY -3077.748
Class Normal DZ -5127.483 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.026 V.pr 0.037

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 398008.0 End wk 1061 sec 398011.0

GPSVEC TP Point ID 1063 DX -1357.645 DY -3070.247
Class Normal DZ -5127.594 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.025 V.pr 0.035

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 398028.0 End wk 1061 sec 398031.0

GPSVEC TP Point ID 1064 DX -1376.002 DY -3062.725
Class Normal DZ -5127.709 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.025 V.pr 0.035

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 398046.0 End wk 1061 sec 398049.0

GPSVEC TP Point ID 1065 DX -1394.621 DY -3055.093
Class Normal DZ -5127.674 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.023 V.pr 0.032

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 7 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 398078.0 End wk 1061 sec 398084.0

GPSVEC TP Point ID 1066 DX -1413.179 DY -3047.536
Class Normal DZ -5127.717 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.027 V.pr 0.039

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 398101.0 End wk 1061 sec 398104.0

GPSVEC TP Point ID 1067 DX -1431.810 DY -3039.945
Class Normal DZ -5127.764 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.022 V.pr 0.035

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 4 HDOP max 0.7
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 398120.0 End wk 1061 sec 398123.0

GPSVEC TP Point ID 1068 DX -1450.161 DY -3032.446
Class Normal DZ -5127.768 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.023 V.pr 0.037

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 398142.0 End wk 1061 sec 398146.0

GPSVEC TP Point ID 1069 DX -1468.938 DY -3024.663
Class Normal DZ -5128.058 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.021 V.pr 0.035

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 4 HDOP max 0.7
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 398162.0 End wk 1061 sec 398165.0

GPSVEC TP Point ID 1070 DX -1487.202 DY -3017.406
Class Normal DZ -5127.914 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.022 V.pr 0.037

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 398182.0 End wk 1061 sec 398186.0

GPSVEC TP Point ID 1071 DX -1505.813 DY -3009.684
Class Normal DZ -5128.036 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.024 V.pr 0.039

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 398215.0 End wk 1061 sec 398219.0

GPSVEC TP Point ID 1072 DX -1524.398 DY -3001.938
Class Normal DZ -5128.172 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.025 V.pr 0.040

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 4 HDOP max 0.7
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 398236.0 End wk 1061 sec 398239.0

GPSVEC TP Point ID 1073 DX -1542.688 DY -2994.531
Class Normal DZ -5128.250 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.025 V.pr 0.041

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 3 HDOP max 0.8
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 398261.0 End wk 1061 sec 398263.0

GPSVEC TP Point ID 1074 DX -1561.281 DY -2986.883
Class Normal DZ -5128.266 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.025 V.pr 0.042

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 4 HDOP max 0.7
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 398283.0 End wk 1061 sec 398286.0

GPSVEC TP Point ID 1075 DX -1580.178 DY -2979.134
Class Normal DZ -5128.403 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.024 V.pr 0.040

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 398308.0 End wk 1061 sec 398312.0

GPSVEC TP Point ID 1076 DX -1598.163 DY -2971.750
Class Normal DZ -5128.474 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.022 V.pr 0.036

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 4 HDOP max 0.7
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 398335.0 End wk 1061 sec 398338.0

GPSVEC TP Point ID 1077 DX -1616.635 DY -2964.208
Class Normal DZ -5128.484 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.021 V.pr 0.035

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 4 HDOP max 0.7
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 398359.0 End wk 1061 sec 398362.0

GPSVEC TP Point ID 1078 DX -1635.367 DY -2956.720
Class Normal DZ -5128.521 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.023 V.pr 0.038

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 398380.0 End wk 1061 sec 398384.0

GPSVEC TP Point ID 1079 DX -1653.908 DY -2949.258
Class Normal DZ -5128.550 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.027 V.pr 0.044

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 398400.0 End wk 1061 sec 398404.0

GPSVEC TP Point ID 1080 DX -1672.537 DY -2941.609
Class Normal DZ -5128.556 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.026 V.pr 0.043

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 4 HDOP max 0.7
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 398423.0 End wk 1061 sec 398426.0

GPSVEC TP Point ID 1081 DX -1690.929 DY -2934.118
Class Normal DZ -5128.634 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.022 V.pr 0.037

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 4 HDOP max 0.7
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 398442.0 End wk 1061 sec 398445.0

GPSVEC TP Point ID 1082 DX -1709.387 DY -2926.658
Class Normal DZ -5128.729 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.032 V.pr 0.054

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 398464.0 End wk 1061 sec 398468.0

GPSVEC TP Point ID 1083 DX -1728.005 DY -2918.958
Class Normal DZ -5128.808 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.023 V.pr 0.038

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 4 HDOP max 0.7
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 398491.0 End wk 1061 sec 398494.0

GPSVEC TP Point ID 1084 DX -1746.659 DY -2911.257
Class Normal DZ -5128.948 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.026 V.pr 0.044

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 398516.0 End wk 1061 sec 398520.0

SURVEY EVENTKISurvey event Error while setting receiver mode

SURVEY EVENTKISurvey event Communications error

INIT KI Init event Gained Week 1061
Init type On the fly seconds 398542.0
Init counter 1 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 1085 DX -1765.112 DY -2903.723
Class Normal DZ -5128.894 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.033 V.pr 0.057

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 4 HDOP max 0.7
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 398625.0 End wk 1061 sec 398628.0

GPSVEC TP Point ID 1086 DX -1783.552 DY -2896.266
Class Normal DZ -5128.980 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.022 V.pr 0.038

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 398646.0 End wk 1061 sec 398650.0

GPSVEC TP Point ID 1087 DX -1801.871 DY -2888.757
Class Normal DZ -5129.027 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.028 V.pr 0.048

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 4 HDOP max 0.7
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 398669.0 End wk 1061 sec 398672.0

GPSVEC TP Point ID 1088 DX -1820.557 DY -2881.196
Class Normal DZ -5129.118 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.024 V.pr 0.041

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 4 HDOP max 0.7
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 398693.0 End wk 1061 sec 398696.0

GPSVEC TP Point ID 1089 DX -1839.252 DY -2873.583
Class Normal DZ -5129.154 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.021 V.pr 0.037

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 6 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 398716.0 End wk 1061 sec 398721.0

GPSVEC TP Point ID 1090 DX -1857.494 DY -2866.091
Class Normal DZ -5129.238 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.020 V.pr 0.034

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 398737.0 End wk 1061 sec 398741.0

GPSVEC TP Point ID 1091 DX -1876.021 DY -2858.578
Class Normal DZ -5129.305 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.026 V.pr 0.044

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 398763.0 End wk 1061 sec 398767.0

GPSVEC TP Point ID 1092 DX -1894.728 DY -2850.782
Class Normal DZ -5129.382 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.029 V.pr 0.050

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 4 HDOP max 0.7
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 398787.0 End wk 1061 sec 398790.0

GPSVEC TP Point ID 1093 DX -1913.100 DY -2843.218
Class Normal DZ -5129.534 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.026 V.pr 0.046

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 398808.0 End wk 1061 sec 398812.0

GPSVEC TP Point ID 1094 DX -1931.613 DY -2835.555
Class Normal DZ -5129.600 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.024 V.pr 0.041

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 398831.0 End wk 1061 sec 398835.0

GPSVEC TP Point ID 1095 DX -1949.953 DY -2827.947
Class Normal DZ -5129.800 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.024 V.pr 0.042

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 398853.0 End wk 1061 sec 398857.0

GPSVEC TP Point ID 1096 DX -1968.382 DY -2820.318
Class Normal DZ -5129.777 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.019 V.pr 0.034

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 398879.0 End wk 1061 sec 398883.0

GPSVEC TP Point ID 1097 DX -1987.068 DY -2812.829
Class Normal DZ -5129.844 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.026 V.pr 0.044

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 398899.0 End wk 1061 sec 398903.0

GPSVEC TP Point ID 1098 DX -2005.536 DY -2805.274
Class Normal DZ -5129.984 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.020 V.pr 0.034

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 398921.0 End wk 1061 sec 398925.0

GPSVEC TP Point ID 1099 DX -2024.147 DY -2797.697
Class Normal DZ -5130.006 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.028 V.pr 0.049

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 398948.0 End wk 1061 sec 398952.0

GPSVEC TP Point ID 1100 DX -2042.708 DY -2790.030
Class Normal DZ -5129.991 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.034 V.pr 0.058

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 6 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 398968.0 End wk 1061 sec 398973.0

GPSVEC TP Point ID 1101 DX -2054.240 DY -2785.258
Class Normal DZ -5130.055 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.037 V.pr 0.048

GPSQC1 NM Min SVs 5 PDOP max 1.4
Total GPS pos 5 HDOP max 0.9
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 398992.0 End wk 1061 sec 398996.0

GPSVEC TP Point ID 1102 DX -2058.431 DY -2783.804
Class Normal DZ -5129.928 Code TOE LEVEE
Mthd Phase Diff. H.pr 0.034 V.pr 0.044

GPSQC1 NM Min SVs 5 PDOP max 1.3
Total GPS pos 6 HDOP max 0.8
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 399013.0 End wk 1061 sec 399018.0

GPSVEC TP Point ID 1103 DX -2063.842 DY -2798.455
Class Normal DZ -5155.963 Code TOE LEVEE
Mthd Phase Diff. H.pr 0.029 V.pr 0.038

GPSQC1 NM Min SVs 5 PDOP max 1.2
Total GPS pos 8 HDOP max 0.7
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 399063.0 End wk 1061 sec 399070.0

GPSVEC TP Point ID 1104 DX -2056.204 DY -2800.192
Class Normal DZ -5157.003 Code GRD
Mthd Phase Diff. H.pr 0.040 V.pr 0.052

GPSQC1 NM Min SVs 5 PDOP max 1.3
Total GPS pos 6 HDOP max 0.8
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 399093.0 End wk 1061 sec 399098.0

GPSVEC TP Point ID 1105 DX -2040.915 DY -2806.670
Class Normal DZ -5156.134 Code GRD
Mthd Phase Diff. H.pr 0.029 V.pr 0.050

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 399115.0 End wk 1061 sec 399119.0

GPSVEC TP Point ID 1106 DX -2028.321 DY -2811.620
Class Normal DZ -5156.135 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.041

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 4 HDOP max 0.7
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 399137.0 End wk 1061 sec 399140.0

GPSVEC TP Point ID 1107 DX -2024.797 DY -2812.516
Class Normal DZ -5156.552 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.042

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 4 HDOP max 0.7
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 399151.0 End wk 1061 sec 399154.0

GPSVEC TP Point ID 1108 DX -2021.296 DY -2813.871
Class Normal DZ -5156.626 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.042

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 4 HDOP max 0.7
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 399163.0 End wk 1061 sec 399166.0

GPSVEC TP Point ID 1109 DX -2019.655 DY -2815.466
Class Normal DZ -5156.028 Code GRD
Mthd Phase Diff. H.pr 0.028 V.pr 0.050

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 6 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 399176.0 End wk 1061 sec 399181.0

GPSVEC TP Point ID 1110 DX -2014.404 DY -2817.596
Class Normal DZ -5156.241 Code GRD
Mthd Phase Diff. H.pr 0.031 V.pr 0.054

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 399193.0 End wk 1061 sec 399204.0

GPSVEC TP Point ID 1111 DX -2012.831 DY -2817.616
Class Normal DZ -5156.741 Code GRD
Mthd Phase Diff. H.pr 0.019 V.pr 0.034

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 7 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 399210.0 End wk 1061 sec 399216.0

GPSVEC TP Point ID 1112 DX -2002.482 DY -2821.751
Class Normal DZ -5156.298 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.045

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 4 HDOP max 0.7
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 399230.0 End wk 1061 sec 399233.0

GPSVEC TP Point ID 1113 DX -1999.401 DY -2823.567
Class Normal DZ -5156.389 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.045

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 9 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 399238.0 End wk 1061 sec 399246.0

GPSVEC TP Point ID 1114 DX -1997.902 DY -2823.731
Class Normal DZ -5156.627 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.039

GPSQC1 NM Min SVs 6 PDOP max 0.9
Total GPS pos 11 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 399254.0 End wk 1061 sec 399265.0

GPSVEC TP Point ID 1115 DX -1992.835 DY -2825.362
Class Normal DZ -5156.666 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.048

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 399274.0 End wk 1061 sec 399278.0

GPSVEC TP Point ID 1116 DX -1992.578 DY -2826.459
Class Normal DZ -5156.138 Code GRD
Mthd Phase Diff. H.pr 0.031 V.pr 0.054

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 399285.0 End wk 1061 sec 399289.0

GPSVEC TP Point ID 1117 DX -1989.397 DY -2827.912
Class Normal DZ -5156.131 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.043

GPSQC1 NM Min SVs 6 PDOP max 0.9
Total GPS pos 9 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 399295.0 End wk 1061 sec 399304.0

GPSVEC TP Point ID 1118 DX -1988.518 DY -2827.239
Class Normal DZ -5156.918 Code GRD
Mthd Phase Diff. H.pr 0.019 V.pr 0.032

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 399309.0 End wk 1061 sec 399315.0

GPSVEC TP Point ID 1119 DX -1978.812 DY -2831.461
Class Normal DZ -5156.668 Code GRD
Mthd Phase Diff. H.pr 0.028 V.pr 0.049

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 4 HDOP max 0.7
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 399326.0 End wk 1061 sec 399329.0

GPSVEC TP Point ID 1120 DX -1977.222 DY -2833.301
Class Normal DZ -5156.169 Code GRD
Mthd Phase Diff. H.pr 0.029 V.pr 0.051

GPSQC1 NM Min SVs 6 PDOP max 1.6
Total GPS pos 3 HDOP max 0.8
Monitor status Yes VDOP max 1.4
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 399338.0 End wk 1061 sec 399341.0

GPSVEC TP Point ID 1121 DX -1968.030 DY -2836.563
Class Normal DZ -5155.694 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.039

GPSQC1 NM Min SVs 6 PDOP max 0.9
Total GPS pos 9 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 399352.0 End wk 1061 sec 399361.0

GPSVEC TP Point ID 1122 DX -1963.915 DY -2837.305
Class Normal DZ -5156.872 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.040

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 8 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 399369.0 End wk 1061 sec 399377.0

GPSVEC TP Point ID 1123 DX -1960.265 DY -2840.030
Class Normal DZ -5156.111 Code GRD
Mthd Phase Diff. H.pr 0.037 V.pr 0.065

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 6 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 399391.0 End wk 1061 sec 399396.0

GPSVEC TP Point ID 1124 DX -1958.351 DY -2840.219
Class Normal DZ -5156.750 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.041

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 8 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 399403.0 End wk 1061 sec 399410.0

GPSVEC TP Point ID 1125 DX -1952.320 DY -2842.025
Class Normal DZ -5156.302 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.042

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 6 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 399418.0 End wk 1061 sec 399423.0

GPSVEC TP Point ID 1126 DX -1947.769 DY -2844.276
Class Normal DZ -5156.264 Code GRD
Mthd Phase Diff. H.pr 0.028 V.pr 0.048

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 8 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 399434.0 End wk 1061 sec 399442.0

GPSVEC TP Point ID 1127 DX -1946.471 DY -2845.962
Class Normal DZ -5155.801 Code GRD
Mthd Phase Diff. H.pr 0.029 V.pr 0.050

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 9 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 399454.0 End wk 1061 sec 399462.0

NOTE TS Time Date 05/11/2000 Time 14:58:08

GPSVEC TP Point ID 1128 DX -1927.752 DY -2853.713
Class Normal DZ -5155.900 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.043

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 8 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 399493.0 End wk 1061 sec 399500.0

GPSVEC TP Point ID 1129 DX -1913.183 DY -2859.486
Class Normal DZ -5155.251 Code GRD
Mthd Phase Diff. H.pr 0.034 V.pr 0.059

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 6 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 399518.0 End wk 1061 sec 399523.0

GPSVEC TP Point ID 1130 DX -1900.606 DY -2864.714
Class Normal DZ -5155.648 Code GRD
Mthd Phase Diff. H.pr 0.035 V.pr 0.062

GPSQC1 NM Min SVs 7 PDOP max 0.6
Total GPS pos 24 HDOP max 0.3
Monitor status Yes VDOP max 0.5
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 399540.0 End wk 1061 sec 399564.0

GPSVEC TP Point ID 1131 DX -1896.958 DY -2865.550
Class Normal DZ -5155.759 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.040

GPSQC1 NM Min SVs 7 PDOP max 1.3
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 399570.0 End wk 1061 sec 399574.0

GPSVEC TP Point ID 1132 DX -1892.362 DY -2867.924
Class Normal DZ -5155.502 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.041

GPSQC1 NM Min SVs 7 PDOP max 0.7
Total GPS pos 16 HDOP max 0.4
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 399592.0 End wk 1061 sec 399608.0

GPSVEC TP Point ID 1133 DX -1885.419 DY -2870.532
Class Normal DZ -5155.083 Code GRD
Mthd Phase Diff. H.pr 0.031 V.pr 0.055

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 14 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 399621.0 End wk 1061 sec 399634.0

GPSVEC TP Point ID 1134 DX -1878.825 DY -2873.517
Class Normal DZ -5155.540 Code GRD
Mthd Phase Diff. H.pr 0.028 V.pr 0.049

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 11 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 399649.0 End wk 1061 sec 399659.0

GPSVEC TP Point ID 1135 DX -1877.276 DY -2873.565
Class Normal DZ -5155.495 Code GRD
Mthd Phase Diff. H.pr 0.037 V.pr 0.064

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 15 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 399675.0 End wk 1061 sec 399690.0

GPSVEC TP Point ID 1136 DX -1875.649 DY -2874.823
Class Normal DZ -5155.120 Code GRD
Mthd Phase Diff. H.pr 0.029 V.pr 0.050

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 8 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 399697.0 End wk 1061 sec 399704.0

GPSVEC TP Point ID 1137 DX -1866.879 DY -2878.510
Class Normal DZ -5155.000 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.041

GPSQC1 NM Min SVs 6 PDOP max 0.8
Total GPS pos 13 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 399715.0 End wk 1061 sec 399728.0

GPSVEC TP Point ID 1138 DX -1863.275 DY -2879.145
Class Normal DZ -5155.801 Code GRD
Mthd Phase Diff. H.pr 0.028 V.pr 0.048

GPSQC1 NM Min SVs 7 PDOP max 1.2
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 399734.0 End wk 1061 sec 399739.0

GPSVEC TP Point ID 1139 DX -1861.907 DY -2880.586
Class Normal DZ -5155.446 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.047

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 9 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 399748.0 End wk 1061 sec 399756.0

GPSVEC TP Point ID 1140 DX -1857.428 DY -2882.219
Class Normal DZ -5155.179 Code GRD
Mthd Phase Diff. H.pr 0.033 V.pr 0.057

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 11 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 399764.0 End wk 1061 sec 399775.0

GPSVEC TP Point ID 1141 DX -1855.355 DY -2882.150
Class Normal DZ -5155.796 Code GRD
Mthd Phase Diff. H.pr 0.030 V.pr 0.052

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 12 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 399787.0 End wk 1061 sec 399804.0

GPSVEC TP Point ID 1142 DX -1850.912 DY -2883.931
Class Normal DZ -5156.165 Code GRD
Mthd Phase Diff. H.pr 0.029 V.pr 0.055

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 11 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 399813.0 End wk 1061 sec 399823.0

GPSVEC TP Point ID 1143 DX -1849.741 DY -2885.054
Class Normal DZ -5155.634 Code GRD
Mthd Phase Diff. H.pr 0.031 V.pr 0.054

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 9 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 399837.0 End wk 1061 sec 399845.0

GPSVEC TP Point ID 1144 DX -1838.458 DY -2890.143
Class Normal DZ -5155.177 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.048

GPSQC1 NM Min SVs 7 PDOP max 0.7
Total GPS pos 13 HDOP max 0.4
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 399856.0 End wk 1061 sec 399872.0

GPSVEC TP Point ID 1145 DX -1823.530 DY -2896.230
Class Normal DZ -5154.960 Code GRD
Mthd Phase Diff. H.pr 0.031 V.pr 0.055

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 9 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 399896.0 End wk 1061 sec 399906.0

GPSVEC TP Point ID 1146 DX -1807.556 DY -2902.762
Class Normal DZ -5154.996 Code GRD
Mthd Phase Diff. H.pr 0.036 V.pr 0.062

GPSQC1 NM Min SVs 7 PDOP max 0.7
Total GPS pos 18 HDOP max 0.3
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 399927.0 End wk 1061 sec 399946.0

GPSVEC TP Point ID 1147 DX -1805.113 DY -2902.560
Class Normal DZ -5155.972 Code GRD
Mthd Phase Diff. H.pr 0.030 V.pr 0.052

GPSQC1 NM Min SVs 7 PDOP max 0.5
Total GPS pos 32 HDOP max 0.3
Monitor status Yes VDOP max 0.5
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 399959.0 End wk 1061 sec 399991.0

GPSVEC TP Point ID 1148 DX -1795.740 DY -2905.990
Class Normal DZ -5155.910 Code GRD
Mthd Phase Diff. H.pr 0.035 V.pr 0.061

GPSQC1 NM Min SVs 7 PDOP max 0.6
Total GPS pos 22 HDOP max 0.3
Monitor status Yes VDOP max 0.5
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 400004.0 End wk 1061 sec 400026.0

GPSVEC TP Point ID 1149 DX -1791.609 DY -2909.613
Class Normal DZ -5155.031 Code GRD
Mthd Phase Diff. H.pr 0.036 V.pr 0.063

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 7 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 400036.0 End wk 1061 sec 400042.0

GPSVEC TP Point ID 1150 DX -1781.037 DY -2913.577
Class Normal DZ -5155.054 Code GRD
Mthd Phase Diff. H.pr 0.031 V.pr 0.055

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 10 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 400054.0 End wk 1061 sec 400063.0

GPSVEC TP Point ID 1151 DX -1775.877 DY -2914.847
Class Normal DZ -5155.250 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.047

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 7 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 400075.0 End wk 1061 sec 400084.0

GPSVEC TP Point ID 1152 DX -1765.138 DY -2919.077
Class Normal DZ -5155.603 Code GRD
Mthd Phase Diff. H.pr 0.032 V.pr 0.051

GPSQC1 NM Min SVs 5 PDOP max 0.7
Total GPS pos 19 HDOP max 0.4
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 400103.0 End wk 1061 sec 400121.0

GPSVEC TP Point ID 1153 DX -1756.697 DY -2923.095
Class Normal DZ -5155.413 Code GRD
Mthd Phase Diff. H.pr 0.029 V.pr 0.059

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 18 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 400136.0 End wk 1061 sec 400155.0

GPSVEC TP Point ID 1154 DX -1755.206 DY -2924.687
Class Normal DZ -5154.454 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.050

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 14 HDOP max 0.5
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 400173.0 End wk 1061 sec 400186.0

GPSVEC TP Point ID 1155 DX -1748.774 DY -2927.213
Class Normal DZ -5153.803 Code GRD
Mthd Phase Diff. H.pr 0.031 V.pr 0.064

GPSQC1 NM Min SVs 6 PDOP max 1.9
Total GPS pos 5 HDOP max 0.8
Monitor status Yes VDOP max 1.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 400194.0 End wk 1061 sec 400198.0

GPSVEC TP Point ID 1156 DX -1747.166 DY -2926.663
Class Normal DZ -5154.999 Code GRD
Mthd Phase Diff. H.pr 0.031 V.pr 0.065

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 11 HDOP max 0.6
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 400209.0 End wk 1061 sec 400220.0

GPSVEC TP Point ID 1157 DX -1741.347 DY -2928.775
Class Normal DZ -5155.517 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.055

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 9 HDOP max 0.6
Monitor status Yes VDOP max 1.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 400229.0 End wk 1061 sec 400238.0

GPSVEC TP Point ID 1158 DX -1735.638 DY -2932.038
Class Normal DZ -5154.813 Code GRD
Mthd Phase Diff. H.pr 0.031 V.pr 0.065

GPSQC1 NM Min SVs 6 PDOP max 1.8
Total GPS pos 6 HDOP max 0.8
Monitor status Yes VDOP max 1.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 400259.0 End wk 1061 sec 400264.0

GPSVEC TP Point ID 1159 DX -1725.206 DY -2936.743
Class Normal DZ -5154.535 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.052

GPSQC1 NM Min SVs 6 PDOP max 0.8
Total GPS pos 34 HDOP max 0.3
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 400290.0 End wk 1061 sec 400324.0

GPSVEC TP Point ID 1160 DX -1722.989 DY -2936.614
Class Normal DZ -5155.444 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.052

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 16 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 400335.0 End wk 1061 sec 400351.0

GPSVEC TP Point ID 1161 DX -1718.102 DY -2937.952
Class Normal DZ -5155.591 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.051

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 10 HDOP max 0.6
Monitor status Yes VDOP max 1.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 400366.0 End wk 1061 sec 400375.0

GPSVEC TP Point ID 1162 DX -1714.516 DY -2940.938
Class Normal DZ -5154.633 Code GRD
Mthd Phase Diff. H.pr 0.030 V.pr 0.062

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 17 HDOP max 0.4
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 400387.0 End wk 1061 sec 400406.0

GPSVEC TP Point ID 1163 DX -1702.383 DY -2945.504
Class Normal DZ -5154.515 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.047

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 15 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 400423.0 End wk 1061 sec 400438.0

GPSVEC TP Point ID 1164 DX -1691.647 DY -2948.680
Class Normal DZ -5155.499 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.052

GPSQC1 NM Min SVs 6 PDOP max 0.9
Total GPS pos 24 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 400449.0 End wk 1061 sec 400474.0

GPSVEC TP Point ID 1165 DX -1686.250 DY -2951.404
Class Normal DZ -5155.517 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.052

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 11 HDOP max 0.6
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 400484.0 End wk 1061 sec 400494.0

GPSVEC TP Point ID 1166 DX -1675.467 DY -2955.730
Class Normal DZ -5155.104 Code GRD
Mthd Phase Diff. H.pr 0.020 V.pr 0.041

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 9 HDOP max 0.6
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 400509.0 End wk 1061 sec 400519.0

GPSVEC TP Point ID 1167 DX -1674.975 DY -2957.304
Class Normal DZ -5154.774 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.057

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 13 HDOP max 0.5
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 400528.0 End wk 1061 sec 400540.0

GPSVEC TP Point ID 1168 DX -1658.537 DY -2963.975
Class Normal DZ -5154.334 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.054

GPSQC1 NM Min SVs 6 PDOP max 1.6
Total GPS pos 7 HDOP max 0.7
Monitor status Yes VDOP max 1.5
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 400559.0 End wk 1061 sec 400565.0

GPSVEC TP Point ID 1169 DX -1643.277 DY -2970.296
Class Normal DZ -5154.352 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.051

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 15 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 400585.0 End wk 1061 sec 400600.0

GPSVEC TP Point ID 1170 DX -1640.823 DY -2969.762
Class Normal DZ -5155.357 Code GRD
Mthd Phase Diff. H.pr 0.017 V.pr 0.036

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 16 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 400608.0 End wk 1061 sec 400623.0

GPSVEC TP Point ID 1171 DX -1636.921 DY -2970.868
Class Normal DZ -5155.248 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.053

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 11 HDOP max 0.6
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 400635.0 End wk 1061 sec 400645.0

GPSVEC TP Point ID 1172 DX -1631.458 DY -2973.921
Class Normal DZ -5154.969 Code GRD
Mthd Phase Diff. H.pr 0.028 V.pr 0.059

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 10 HDOP max 0.6
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 400660.0 End wk 1061 sec 400670.0

GPSVEC TP Point ID 1173 DX -1629.334 DY -2975.615
Class Normal DZ -5154.458 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.057

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 9 HDOP max 0.6
Monitor status Yes VDOP max 1.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 400686.0 End wk 1061 sec 400694.0

GPSVEC TP Point ID 1174 DX -1622.621 DY -2978.302
Class Normal DZ -5154.656 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.049

GPSQC1 NM Min SVs 6 PDOP max 1.6
Total GPS pos 6 HDOP max 0.7
Monitor status Yes VDOP max 1.4
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 400714.0 End wk 1061 sec 400720.0

GPSVEC TP Point ID 1175 DX -1620.119 DY -2978.399
Class Normal DZ -5155.364 Code GRD
Mthd Phase Diff. H.pr 0.030 V.pr 0.064

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 13 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 400731.0 End wk 1061 sec 400744.0

GPSVEC TP Point ID 1176 DX -1615.430 DY -2980.284
Class Normal DZ -5155.313 Code GRD
Mthd Phase Diff. H.pr 0.029 V.pr 0.062

GPSQC1 NM Min SVs 6 PDOP max 1.5
Total GPS pos 8 HDOP max 0.6
Monitor status Yes VDOP max 1.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 400755.0 End wk 1061 sec 400762.0

GPSVEC TP Point ID 1177 DX -1610.067 DY -2982.404
Class Normal DZ -5154.484 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.044

GPSQC1 NM Min SVs 5 PDOP max 1.6
Total GPS pos 7 HDOP max 0.7
Monitor status Yes VDOP max 1.4
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 400772.0 End wk 1061 sec 400778.0

GPSVEC TP Point ID 1178 DX -1605.316 DY -2984.064
Class Normal DZ -5155.271 Code GRD
Mthd Phase Diff. H.pr 0.029 V.pr 0.062

GPSQC1 NM Min SVs 5 PDOP max 1.1
Total GPS pos 14 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 400789.0 End wk 1061 sec 400802.0

GPSVEC TP Point ID 1179 DX -1598.039 DY -2987.101
Class Normal DZ -5154.958 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.059

GPSQC1 NM Min SVs 5 PDOP max 1.5
Total GPS pos 9 HDOP max 0.6
Monitor status Yes VDOP max 1.4
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 400810.0 End wk 1061 sec 400818.0

GPSVEC TP Point ID 1180 DX -1590.135 DY -2990.779
Class Normal DZ -5154.853 Code GRD
Mthd Phase Diff. H.pr 0.014 V.pr 0.034

GPSQC1 NM Min SVs 5 PDOP max 1.8
Total GPS pos 5 HDOP max 0.7
Monitor status Yes VDOP max 1.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 400833.0 End wk 1061 sec 400838.0

GPSVEC TP Point ID 1181 DX -1587.305 DY -2992.741
Class Normal DZ -5154.477 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.056

GPSQC1 NM Min SVs 5 PDOP max 1.4
Total GPS pos 10 HDOP max 0.6
Monitor status Yes VDOP max 1.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 400849.0 End wk 1061 sec 400858.0

GPSVEC TP Point ID 1182 DX -1576.345 DY -2997.787
Class Normal DZ -5153.718 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.060

GPSQC1 NM Min SVs 5 PDOP max 1.9
Total GPS pos 5 HDOP max 0.8
Monitor status Yes VDOP max 1.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 400877.0 End wk 1061 sec 400881.0

GPSVEC TP Point ID 1183 DX -1566.066 DY -3002.182
Class Normal DZ -5153.894 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.052

GPSQC1 NM Min SVs 5 PDOP max 1.0
Total GPS pos 16 HDOP max 0.4
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 400904.0 End wk 1061 sec 400920.0

GPSVEC TP Point ID 1184 DX -1564.575 DY -3000.749
Class Normal DZ -5155.157 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.052

GPSQC1 NM Min SVs 5 PDOP max 1.2
Total GPS pos 14 HDOP max 0.5
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 400929.0 End wk 1061 sec 400943.0

GPSVEC TP Point ID 1185 DX -1554.414 DY -3004.846
Class Normal DZ -5154.695 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.057

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 17 HDOP max 0.4
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 400960.0 End wk 1061 sec 400977.0

GPSVEC TP Point ID 1186 DX -1551.336 DY -3005.520
Class Normal DZ -5155.728 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.046

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 12 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 400988.0 End wk 1061 sec 401005.0

GPSVEC TP Point ID 1187 DX -1543.385 DY -3009.042
Class Normal DZ -5155.003 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.055

GPSQC1 NM Min SVs 5 PDOP max 1.3
Total GPS pos 12 HDOP max 0.5
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 401019.0 End wk 1061 sec 401030.0

GPSVEC TP Point ID 1188 DX -1537.323 DY -3011.159
Class Normal DZ -5154.893 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.054

GPSQC1 NM Min SVs 5 PDOP max 1.8
Total GPS pos 6 HDOP max 0.7
Monitor status Yes VDOP max 1.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 401040.0 End wk 1061 sec 401045.0

GPSVEC TP Point ID 1189 DX -1533.304 DY -3014.956
Class Normal DZ -5154.058 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.060

GPSQC1 NM Min SVs 5 PDOP max 1.2
Total GPS pos 15 HDOP max 0.4
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 401056.0 End wk 1061 sec 401070.0

GPSVEC TP Point ID 1190 DX -1520.019 DY -3020.677
Class Normal DZ -5153.758 Code GRD
Mthd Phase Diff. H.pr 0.018 V.pr 0.045

GPSQC1 NM Min SVs 5 PDOP max 1.3
Total GPS pos 11 HDOP max 0.5
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 401088.0 End wk 1061 sec 401099.0

NOTE TS Time Date 05/11/2000 Time 15:28:28

GPSVEC TP Point ID 1191 DX -1506.748 DY -3026.218
Class Normal DZ -5153.734 Code GRD
Mthd Phase Diff. H.pr 0.019 V.pr 0.050

GPSQC1 NM Min SVs 5 PDOP max 1.9
Total GPS pos 5 HDOP max 0.7
Monitor status Yes VDOP max 1.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 401316.0 End wk 1061 sec 401320.0

GPSVEC TP Point ID 1192 DX -1503.524 DY -3026.376
Class Normal DZ -5154.890 Code GRD
Mthd Phase Diff. H.pr 0.018 V.pr 0.047

GPSQC1 NM Min SVs 5 PDOP max 2.1
Total GPS pos 4 HDOP max 0.7
Monitor status Yes VDOP max 2.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 401328.0 End wk 1061 sec 401331.0

GPSVEC TP Point ID 1193 DX -1494.903 DY -3030.226
Class Normal DZ -5154.226 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.058

GPSQC1 NM Min SVs 5 PDOP max 2.1
Total GPS pos 4 HDOP max 0.7
Monitor status Yes VDOP max 2.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 401353.0 End wk 1061 sec 401356.0

GPSVEC TP Point ID 1194 DX -1492.911 DY -3031.482
Class Normal DZ -5153.487 Code GRD
Mthd Phase Diff. H.pr 0.016 V.pr 0.044

GPSQC1 NM Min SVs 5 PDOP max 1.9
Total GPS pos 5 HDOP max 0.7
Monitor status Yes VDOP max 1.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 401368.0 End wk 1061 sec 401372.0

GPSVEC TP Point ID 1195 DX -1486.219 DY -3034.456
Class Normal DZ -5153.409 Code GRD
Mthd Phase Diff. H.pr 0.018 V.pr 0.047

GPSQC1 NM Min SVs 5 PDOP max 2.3
Total GPS pos 3 HDOP max 0.8
Monitor status Yes VDOP max 2.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 401383.0 End wk 1061 sec 401385.0

GPSVEC TP Point ID 1196 DX -1479.552 DY -3037.049
Class Normal DZ -5153.485 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.063

GPSQC1 NM Min SVs 5 PDOP max 1.8
Total GPS pos 6 HDOP max 0.6
Monitor status Yes VDOP max 1.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 401400.0 End wk 1061 sec 401405.0

GPSVEC TP Point ID 1197 DX -1478.863 DY -3036.447
Class Normal DZ -5154.003 Code GRD
Mthd Phase Diff. H.pr 0.012 V.pr 0.032

GPSQC1 NM Min SVs 5 PDOP max 1.5
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 1.4
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 401410.0 End wk 1061 sec 401418.0

GPSVEC TP Point ID 1198 DX -1473.660 DY -3038.433
Class Normal DZ -5153.950 Code GRD
Mthd Phase Diff. H.pr 0.017 V.pr 0.045

GPSQC1 NM Min SVs 5 PDOP max 1.9
Total GPS pos 4 HDOP max 0.7
Monitor status Yes VDOP max 1.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 401442.0 End wk 1061 sec 401446.0

GPSVEC TP Point ID 1199 DX -1473.754 DY -3039.580
Class Normal DZ -5153.765 Code GRD
Mthd Phase Diff. H.pr 0.013 V.pr 0.034

GPSQC1 NM Min SVs 5 PDOP max 1.3
Total GPS pos 7 HDOP max 0.4
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 401454.0 End wk 1061 sec 401465.0

GPSVEC TP Point ID 1200 DX -1470.382 DY -3040.938
Class Normal DZ -5153.785 Code GRD
Mthd Phase Diff. H.pr 0.020 V.pr 0.054

GPSQC1 NM Min SVs 5 PDOP max 1.3
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 1.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 401475.0 End wk 1061 sec 401485.0

GPSVEC TP Point ID 1201 DX -1466.086 DY -3040.721
Class Normal DZ -5154.768 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.058

GPSQC1 NM Min SVs 5 PDOP max 1.5
Total GPS pos 7 HDOP max 0.5
Monitor status Yes VDOP max 1.5
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 401501.0 End wk 1061 sec 401508.0

GPSVEC TP Point ID 1202 DX -1456.998 DY -3045.490
Class Normal DZ -5154.032 Code GRD
Mthd Phase Diff. H.pr 0.015 V.pr 0.041

GPSQC1 NM Min SVs 5 PDOP max 1.4
Total GPS pos 10 HDOP max 0.5
Monitor status Yes VDOP max 1.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 401527.0 End wk 1061 sec 401536.0

GPSVEC TP Point ID 1203 DX -1450.406 DY -3047.644
Class Normal DZ -5154.454 Code GRD
Mthd Phase Diff. H.pr 0.015 V.pr 0.043

GPSQC1 NM Min SVs 5 PDOP max 1.6
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.5
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 401551.0 End wk 1061 sec 401557.0

GPSVEC TP Point ID 1204 DX -1445.442 DY -3049.636
Class Normal DZ -5155.223 Code GRD
Mthd Phase Diff. H.pr 0.015 V.pr 0.040

GPSQC1 NM Min SVs 5 PDOP max 1.9
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 401570.0 End wk 1061 sec 401574.0

GPSVEC TP Point ID 1205 DX -1444.469 DY -3051.151
Class Normal DZ -5153.930 Code GRD
Mthd Phase Diff. H.pr 0.016 V.pr 0.045

GPSQC1 NM Min SVs 5 PDOP max 1.6
Total GPS pos 6 HDOP max 0.6
Monitor status Yes VDOP max 1.5
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 401593.0 End wk 1061 sec 401599.0

GPSVEC TP Point ID 1206 DX -1431.950 DY -3056.466
Class Normal DZ -5154.222 Code GRD
Mthd Phase Diff. H.pr 0.019 V.pr 0.053

GPSQC1 NM Min SVs 5 PDOP max 1.7
Total GPS pos 6 HDOP max 0.6
Monitor status Yes VDOP max 1.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 401615.0 End wk 1061 sec 401620.0

GPSVEC TP Point ID 1207 DX -1422.743 DY -3060.193
Class Normal DZ -5153.620 Code GRD
Mthd Phase Diff. H.pr 0.018 V.pr 0.050

GPSQC1 NM Min SVs 5 PDOP max 1.9
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 401637.0 End wk 1061 sec 401641.0

GPSVEC TP Point ID 1208 DX -1420.610 DY -3059.301
Class Normal DZ -5154.249 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.060

GPSQC1 NM Min SVs 5 PDOP max 2.1
Total GPS pos 4 HDOP max 0.7
Monitor status Yes VDOP max 1.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 401654.0 End wk 1061 sec 401657.0

GPSVEC TP Point ID 1209 DX -1411.825 DY -3064.214
Class Normal DZ -5153.892 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.062

GPSQC1 NM Min SVs 5 PDOP max 1.5
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 1.4
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 401671.0 End wk 1061 sec 401678.0

GPSVEC TP Point ID 1210 DX -1408.933 DY -3065.518
Class Normal DZ -5154.110 Code GRD
Mthd Phase Diff. H.pr 0.019 V.pr 0.055

GPSQC1 NM Min SVs 5 PDOP max 1.7
Total GPS pos 6 HDOP max 0.6
Monitor status Yes VDOP max 1.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 401683.0 End wk 1061 sec 401688.0

GPSVEC TP Point ID 1211 DX -1408.272 DY -3066.577
Class Normal DZ -5153.460 Code GRD
Mthd Phase Diff. H.pr 0.015 V.pr 0.043

GPSQC1 NM Min SVs 5 PDOP max 1.9
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 401705.0 End wk 1061 sec 401709.0

GPSVEC TP Point ID 1212 DX -1404.154 DY -3067.509
Class Normal DZ -5153.506 Code GRD
Mthd Phase Diff. H.pr 0.015 V.pr 0.043

GPSQC1 NM Min SVs 5 PDOP max 1.9
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 401727.0 End wk 1061 sec 401731.0

GPSVEC TP Point ID 1213 DX -1402.898 DY -3067.323
Class Normal DZ -5153.873 Code GRD
Mthd Phase Diff. H.pr 0.018 V.pr 0.050

GPSQC1 NM Min SVs 5 PDOP max 1.6
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 1.5
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 401738.0 End wk 1061 sec 401744.0

GPSVEC TP Point ID 1214 DX -1398.545 DY -3069.257
Class Normal DZ -5153.961 Code GRD
Mthd Phase Diff. H.pr 0.016 V.pr 0.045

GPSQC1 NM Min SVs 5 PDOP max 1.7
Total GPS pos 6 HDOP max 0.6
Monitor status Yes VDOP max 1.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 401752.0 End wk 1061 sec 401757.0

GPSVEC TP Point ID 1215 DX -1396.502 DY -3070.821
Class Normal DZ -5153.323 Code GRD
Mthd Phase Diff. H.pr 0.018 V.pr 0.050

GPSQC1 NM Min SVs 5 PDOP max 1.1
Total GPS pos 15 HDOP max 0.4
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 401764.0 End wk 1061 sec 401779.0

GPSVEC TP Point ID 1216 DX -1391.447 DY -3073.211
Class Normal DZ -5153.825 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.062

GPSQC1 NM Min SVs 5 PDOP max 1.7
Total GPS pos 6 HDOP max 0.6
Monitor status Yes VDOP max 1.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 401791.0 End wk 1061 sec 401796.0

GPSVEC TP Point ID 1217 DX -1386.199 DY -3073.872
Class Normal DZ -5154.225 Code GRD
Mthd Phase Diff. H.pr 0.015 V.pr 0.044

GPSQC1 NM Min SVs 5 PDOP max 2.0
Total GPS pos 4 HDOP max 0.7
Monitor status Yes VDOP max 1.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 401807.0 End wk 1061 sec 401810.0

GPSVEC TP Point ID 1218 DX -1381.556 DY -3077.118
Class Normal DZ -5153.629 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.060

GPSQC1 NM Min SVs 5 PDOP max 1.9
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 401822.0 End wk 1061 sec 401826.0

GPSVEC TP Point ID 1219 DX -1378.418 DY -3078.177
Class Normal DZ -5153.745 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.064

GPSQC1 NM Min SVs 5 PDOP max 1.6
Total GPS pos 7 HDOP max 0.5
Monitor status Yes VDOP max 1.5
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 401836.0 End wk 1061 sec 401842.0

GPSVEC TP Point ID 1220 DX -1375.761 DY -3078.423
Class Normal DZ -5154.503 Code GRD
Mthd Phase Diff. H.pr 0.012 V.pr 0.035

GPSQC1 NM Min SVs 5 PDOP max 1.6
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 1.5
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 401850.0 End wk 1061 sec 401856.0

GPSVEC TP Point ID 1221 DX -1371.130 DY -3079.565
Class Normal DZ -5154.101 Code GRD
Mthd Phase Diff. H.pr 0.015 V.pr 0.043

GPSQC1 NM Min SVs 5 PDOP max 1.4
Total GPS pos 7 HDOP max 0.5
Monitor status Yes VDOP max 1.4
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 401870.0 End wk 1061 sec 401878.0

GPSVEC TP Point ID 1222 DX -1367.538 DY -3081.664
Class Normal DZ -5154.380 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.060

GPSQC1 NM Min SVs 5 PDOP max 2.0
Total GPS pos 4 HDOP max 0.7
Monitor status Yes VDOP max 1.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 401892.0 End wk 1061 sec 401895.0

GPSVEC TP Point ID 1223 DX -1367.194 DY -3082.698
Class Normal DZ -5153.365 Code GRD
Mthd Phase Diff. H.pr 0.020 V.pr 0.056

GPSQC1 NM Min SVs 5 PDOP max 1.9
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 401905.0 End wk 1061 sec 401908.0

GPSVEC TP Point ID 1224 DX -1362.565 DY -3084.430
Class Normal DZ -5153.648 Code GRD
Mthd Phase Diff. H.pr 0.013 V.pr 0.039

GPSQC1 NM Min SVs 5 PDOP max 1.2
Total GPS pos 12 HDOP max 0.4
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 401924.0 End wk 1061 sec 401937.0

GPSVEC TP Point ID 1225 DX -1352.928 DY -3088.467
Class Normal DZ -5152.826 Code GRD
Mthd Phase Diff. H.pr 0.020 V.pr 0.059

GPSQC1 NM Min SVs 5 PDOP max 1.3
Total GPS pos 10 HDOP max 0.4
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 401948.0 End wk 1061 sec 401958.0

GPSVEC TP Point ID 1226 DX -1344.113 DY -3092.138
Class Normal DZ -5153.906 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.060

GPSQC1 NM Min SVs 5 PDOP max 1.5
Total GPS pos 8 HDOP max 0.5
Monitor status Yes VDOP max 1.4
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 401970.0 End wk 1061 sec 401977.0

GPSVEC TP Point ID 1227 DX -1342.181 DY -3091.758
Class Normal DZ -5154.163 Code GRD
Mthd Phase Diff. H.pr 0.014 V.pr 0.041

GPSQC1 NM Min SVs 5 PDOP max 1.8
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 401991.0 End wk 1061 sec 401995.0

GPSVEC TP Point ID 1228 DX -1333.315 DY -3095.005
Class Normal DZ -5153.988 Code GRD
Mthd Phase Diff. H.pr 0.014 V.pr 0.041

GPSQC1 NM Min SVs 5 PDOP max 1.8
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 402006.0 End wk 1061 sec 402010.0

GPSVEC TP Point ID 1229 DX -1326.879 DY -3098.157
Class Normal DZ -5154.072 Code GRD
Mthd Phase Diff. H.pr 0.019 V.pr 0.056

GPSQC1 NM Min SVs 5 PDOP max 2.0
Total GPS pos 4 HDOP max 0.7
Monitor status Yes VDOP max 1.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 402026.0 End wk 1061 sec 402029.0

GPSVEC TP Point ID 1230 DX -1325.887 DY -3100.241
Class Normal DZ -5153.254 Code GRD
Mthd Phase Diff. H.pr 0.016 V.pr 0.047

GPSQC1 NM Min SVs 5 PDOP max 1.8
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 402043.0 End wk 1061 sec 402047.0

GPSVEC TP Point ID 1231 DX -1319.323 DY -3102.215
Class Normal DZ -5153.047 Code GRD
Mthd Phase Diff. H.pr 0.018 V.pr 0.053

GPSQC1 NM Min SVs 5 PDOP max 1.6
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 1.5
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 402059.0 End wk 1061 sec 402065.0

GPSVEC TP Point ID 1232 DX -1317.139 DY -3103.676
Class Normal DZ -5152.847 Code GRD
Mthd Phase Diff. H.pr 0.018 V.pr 0.053

GPSQC1 NM Min SVs 5 PDOP max 1.4
Total GPS pos 8 HDOP max 0.4
Monitor status Yes VDOP max 1.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 402078.0 End wk 1061 sec 402087.0

GPSVEC TP Point ID 1233 DX -1303.723 DY -3109.153
Class Normal DZ -5152.728 Code GRD
Mthd Phase Diff. H.pr 0.014 V.pr 0.042

GPSQC1 NM Min SVs 5 PDOP max 1.7
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 1.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 402099.0 End wk 1061 sec 402104.0

GPSVEC TP Point ID 1234 DX -1291.161 DY -3114.471
Class Normal DZ -5153.525 Code GRD
Mthd Phase Diff. H.pr 0.013 V.pr 0.039

GPSQC1 NM Min SVs 5 PDOP max 1.6
Total GPS pos 7 HDOP max 0.5
Monitor status Yes VDOP max 1.5
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 402117.0 End wk 1061 sec 402123.0

GPSVEC TP Point ID 1235 DX -1290.425 DY -3113.920
Class Normal DZ -5153.637 Code GRD
Mthd Phase Diff. H.pr 0.018 V.pr 0.053

GPSQC1 NM Min SVs 5 PDOP max 1.8
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 402129.0 End wk 1061 sec 402133.0

GPSVEC TP Point ID 1236 DX -1281.288 DY -3116.668
Class Normal DZ -5153.850 Code GRD
Mthd Phase Diff. H.pr 0.015 V.pr 0.043

GPSQC1 NM Min SVs 5 PDOP max 1.8
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 402146.0 End wk 1061 sec 402150.0

GPSVEC TP Point ID 1237 DX -1276.631 DY -3118.168
Class Normal DZ -5153.911 Code GRD
Mthd Phase Diff. H.pr 0.019 V.pr 0.055

GPSQC1 NM Min SVs 5 PDOP max 1.6
Total GPS pos 7 HDOP max 0.5
Monitor status Yes VDOP max 1.5
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 402168.0 End wk 1061 sec 402174.0

GPSVEC TP Point ID 1238 DX -1271.443 DY -3121.011
Class Normal DZ -5153.684 Code GRD
Mthd Phase Diff. H.pr 0.020 V.pr 0.057

GPSQC1 NM Min SVs 5 PDOP max 1.7
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 1.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 402192.0 End wk 1061 sec 402197.0

GPSVEC TP Point ID 1239 DX -1267.417 DY -3122.509
Class Normal DZ -5153.398 Code GRD
Mthd Phase Diff. H.pr 0.014 V.pr 0.040

GPSQC1 NM Min SVs 5 PDOP max 2.0
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 402207.0 End wk 1061 sec 402210.0

GPSVEC TP Point ID 1240 DX -1266.049 DY -3124.021
Class Normal DZ -5152.672 Code GRD
Mthd Phase Diff. H.pr 0.018 V.pr 0.052

GPSQC1 NM Min SVs 5 PDOP max 1.7
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 1.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 402219.0 End wk 1061 sec 402224.0

GPSVEC TP Point ID 1241 DX -1255.723 DY -3128.220
Class Normal DZ -5153.379 Code GRD
Mthd Phase Diff. H.pr 0.034 V.pr 0.063

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 402243.0 End wk 1061 sec 402249.0

GPSVEC TP Point ID 1242 DX -1248.230 DY -3129.795
Class Normal DZ -5153.865 Code GRD
Mthd Phase Diff. H.pr 0.019 V.pr 0.034

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 402264.0 End wk 1061 sec 402267.0

GPSVEC TP Point ID 1243 DX -1243.457 DY -3132.324
Class Normal DZ -5153.182 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.039

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 402297.0 End wk 1061 sec 402299.0

GPSVEC TP Point ID 1244 DX -1238.622 DY -3134.247
Class Normal DZ -5153.901 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.042

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 402308.0 End wk 1061 sec 402311.0

GPSVEC TP Point ID 1245 DX -1233.284 DY -3136.485
Class Normal DZ -5153.194 Code GRD
Mthd Phase Diff. H.pr 0.020 V.pr 0.038

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 402328.0 End wk 1061 sec 402332.0

GPSVEC TP Point ID 1246 DX -1228.653 DY -3138.655
Class Normal DZ -5152.380 Code GRD
Mthd Phase Diff. H.pr 0.029 V.pr 0.054

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 402349.0 End wk 1061 sec 402352.0

GPSVEC TP Point ID 1247 DX -1220.835 DY -3141.491
Class Normal DZ -5153.347 Code GRD
Mthd Phase Diff. H.pr 0.019 V.pr 0.035

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 402363.0 End wk 1061 sec 402367.0

GPSVEC TP Point ID 1248 DX -1217.010 DY -3143.878
Class Normal DZ -5153.164 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.046

GPSQC1 NM Min SVs 6 PDOP max 0.8
Total GPS pos 9 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 402375.0 End wk 1061 sec 402384.0

GPSVEC TP Point ID 1249 DX -1200.636 DY -3150.332
Class Normal DZ -5152.952 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.039

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 7 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 402401.0 End wk 1061 sec 402407.0

GPSVEC TP Point ID 1250 DX -1198.483 DY -3150.298
Class Normal DZ -5153.832 Code GRD
Mthd Phase Diff. H.pr 0.020 V.pr 0.038

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 402422.0 End wk 1061 sec 402425.0

GPSVEC TP Point ID 1251 DX -1188.900 DY -3153.199
Class Normal DZ -5154.088 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.043

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 402440.0 End wk 1061 sec 402444.0

GPSVEC TP Point ID 1252 DX -1177.126 DY -3158.511
Class Normal DZ -5153.751 Code GRD
Mthd Phase Diff. H.pr 0.029 V.pr 0.053

GPSQC1 NM Min SVs 6 PDOP max 0.7
Total GPS pos 13 HDOP max 0.3
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 402459.0 End wk 1061 sec 402472.0

GPSVEC TP Point ID 1253 DX -1162.147 DY -3165.488
Class Normal DZ -5153.406 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.049

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 402490.0 End wk 1061 sec 402493.0

GPSVEC TP Point ID 1254 DX -1144.916 DY -3171.669
Class Normal DZ -5153.738 Code GRD
Mthd Phase Diff. H.pr 0.018 V.pr 0.033

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 402506.0 End wk 1061 sec 402508.0

GPSVEC TP Point ID 1255 DX -1137.120 DY -3174.293
Class Normal DZ -5154.739 Code GRD
Mthd Phase Diff. H.pr 0.031 V.pr 0.057

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 402519.0 End wk 1061 sec 402523.0

GPSVEC TP Point ID 1256 DX -1132.247 DY -3176.441
Class Normal DZ -5153.801 Code GRD
Mthd Phase Diff. H.pr 0.033 V.pr 0.061

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 402539.0 End wk 1061 sec 402542.0

GPSVEC TP Point ID 1257 DX -1123.000 DY -3180.694
Class Normal DZ -5153.802 Code GRD
Mthd Phase Diff. H.pr 0.028 V.pr 0.052

GPSQC1 NM Min SVs 6 PDOP max 0.9
Total GPS pos 8 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 402555.0 End wk 1061 sec 402563.0

GPSVEC TP Point ID 1258 DX -1114.371 DY -3185.854
Class Normal DZ -5153.011 Code GRD
Mthd Phase Diff. H.pr 0.032 V.pr 0.059

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 402581.0 End wk 1061 sec 402584.0

GPSVEC TP Point ID 1259 DX -1106.033 DY -3189.081
Class Normal DZ -5152.209 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.047

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 402602.0 End wk 1061 sec 402612.0

GPSVEC TP Point ID 1260 DX -1100.684 DY -3191.718
Class Normal DZ -5152.918 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.039

GPSQC1 NM Min SVs 6 PDOP max 0.7
Total GPS pos 12 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 402631.0 End wk 1061 sec 402643.0

GPSVEC TP Point ID 1261 DX -1096.432 DY -3191.923
Class Normal DZ -5153.794 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.051

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 402653.0 End wk 1061 sec 402656.0

GPSVEC TP Point ID 1262 DX -1093.514 DY -3192.862
Class Normal DZ -5154.063 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.048

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 7 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 402663.0 End wk 1061 sec 402669.0

GPSVEC TP Point ID 1263 DX -1086.626 DY -3195.994
Class Normal DZ -5153.566 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.039

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 7 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 402681.0 End wk 1061 sec 402687.0

GPSVEC TP Point ID 1264 DX -1076.123 DY -3200.476
Class Normal DZ -5153.543 Code GRD
Mthd Phase Diff. H.pr 0.018 V.pr 0.034

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 402699.0 End wk 1061 sec 402703.0

GPSVEC TP Point ID 1265 DX -1071.468 DY -3202.215
Class Normal DZ -5153.301 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.043

GPSQC1 NM Min SVs 5 PDOP max 0.8
Total GPS pos 10 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 402712.0 End wk 1061 sec 402723.0

GPSVEC TP Point ID 1266 DX -1070.158 DY -3203.345
Class Normal DZ -5153.059 Code GRD
Mthd Phase Diff. H.pr 0.015 V.pr 0.044

GPSQC1 NM Min SVs 5 PDOP max 1.9
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 402730.0 End wk 1061 sec 402733.0

GPSVEC TP Point ID 1267 DX -1062.860 DY -3205.763
Class Normal DZ -5153.079 Code GRD
Mthd Phase Diff. H.pr 0.016 V.pr 0.045

GPSQC1 NM Min SVs 5 PDOP max 1.9
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 402751.0 End wk 1061 sec 402754.0

GPSVEC TP Point ID 1268 DX -1055.408 DY -3209.113
Class Normal DZ -5153.251 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.045

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 402770.0 End wk 1061 sec 402773.0

GPSVEC TP Point ID 1269 DX -1050.162 DY -3211.693
Class Normal DZ -5152.298 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.049

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 402783.0 End wk 1061 sec 402785.0

GPSVEC TP Point ID 1270 DX -1046.211 DY -3212.923
Class Normal DZ -5152.782 Code TOE LEVEE
Mthd Phase Diff. H.pr 0.024 V.pr 0.045

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 402808.0 End wk 1061 sec 402812.0

INIT KI Init event Lost(RMS) Week 1061
Init type On the fly seconds 402859.0
Init counter 1 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

NOTE TS Time Date 05/11/2000 Time 16:04:17

INIT KI Init event Gained Week 1061
Init type On the fly seconds 403471.0
Init counter 2 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 1271 DX -1418.890 DY 413.122
Class Normal DZ -231.334 Code TOP LEVEE
Mthd Phase Diff. H.pr 0.021 V.pr 0.033

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 6 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 403581.0 End wk 1061 sec 403587.0

NOTE KI LINE. Name: 4, Code: , Method: Two points, Start pt: 102,

NOTE KI End pt: 105, Azimuth: 278.357°, Length: 1428.245ft,

NOTE KI Grade: 0.081°

INIT KI Init event Lost Week 1061
Init type On the fly seconds 403718.0
Init counter 2 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1061
Init type On the fly seconds 404422.0
Init counter 3 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 1272 DX -170.060 DY -220.077
Class Normal DZ -433.355 Code TOE LEVEE
Mthd Phase Diff. H.pr 0.021 V.pr 0.039

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 404449.0 End wk 1061 sec 404452.0

GPSVEC TP Point ID 1273 DX -172.406 DY -218.337
Class Normal DZ -433.558 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.038

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 404463.0 End wk 1061 sec 404466.0

GPSVEC TP Point ID 1274 DX -189.578 DY -209.615
Class Normal DZ -431.272 Code GRD
Mthd Phase Diff. H.pr 0.018 V.pr 0.034

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 404488.0 End wk 1061 sec 404490.0

GPSVEC TP Point ID 1275 DX -205.832 DY -201.784
Class Normal DZ -428.797 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.037

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 404522.0 End wk 1061 sec 404526.0

GPSVEC TP Point ID 1276 DX -208.635 DY -199.745
Class Normal DZ -428.923 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.037

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 404533.0 End wk 1061 sec 404537.0

GPSVEC TP Point ID 1277 DX -212.797 DY -197.735
Class Normal DZ -427.434 Code GRD
Mthd Phase Diff. H.pr 0.020 V.pr 0.033

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 404551.0 End wk 1061 sec 404555.0

GPSVEC TP Point ID 1278 DX -216.582 DY -194.907
Class Normal DZ -427.862 Code GRD
Mthd Phase Diff. H.pr 0.019 V.pr 0.031

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 404567.0 End wk 1061 sec 404570.0

GPSVEC TP Point ID 1279 DX -221.556 DY -192.673
Class Normal DZ -426.811 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.038

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 404583.0 End wk 1061 sec 404586.0

GPSVEC TP Point ID 1280 DX -223.914 DY -192.591
Class Normal DZ -426.068 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.035

GPSQC1 NM Min SVs 7 PDOP max 1.2
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 404596.0 End wk 1061 sec 404598.0

GPSVEC TP Point ID 1281 DX -235.081 DY -187.019
Class Normal DZ -424.550 Code GRD
Mthd Phase Diff. H.pr 0.020 V.pr 0.033

GPSQC1 NM Min SVs 7 PDOP max 1.2
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 404622.0 End wk 1061 sec 404624.0

GPSVEC TP Point ID 1282 DX -244.125 DY -182.416
Class Normal DZ -424.195 Code GRD
Mthd Phase Diff. H.pr 0.037 V.pr 0.061

GPSQC1 NM Min SVs 7 PDOP max 1.2
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 404635.0 End wk 1061 sec 404637.0

GPSVEC TP Point ID 1283 DX -246.707 DY -179.895
Class Normal DZ -424.056 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.042

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 404648.0 End wk 1061 sec 404651.0

GPSVEC TP Point ID 1284 DX -249.108 DY -179.594
Class Normal DZ -422.634 Code GRD
Mthd Phase Diff. H.pr 0.028 V.pr 0.047

GPSQC1 NM Min SVs 7 PDOP max 1.2
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 404660.0 End wk 1061 sec 404662.0

GPSVEC TP Point ID 1285 DX -263.531 DY -172.544
Class Normal DZ -421.203 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.040

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 404673.0 End wk 1061 sec 404676.0

GPSVEC TP Point ID 1286 DX -278.310 DY -164.612
Class Normal DZ -419.240 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.034

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 404689.0 End wk 1061 sec 404694.0

GPSVEC TP Point ID 1287 DX -281.273 DY -162.390
Class Normal DZ -418.986 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.037

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 404700.0 End wk 1061 sec 404704.0

GPSVEC TP Point ID 1288 DX -286.065 DY -159.822
Class Normal DZ -418.802 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.034

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 404712.0 End wk 1061 sec 404715.0

GPSVEC TP Point ID 1289 DX -288.080 DY -159.319
Class Normal DZ -417.937 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.041

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 404724.0 End wk 1061 sec 404728.0

GPSVEC TP Point ID 1290 DX -293.376 DY -156.228
Class Normal DZ -417.697 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.039

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 404738.0 End wk 1061 sec 404741.0

GPSVEC TP Point ID 1291 DX -300.696 DY -152.697
Class Normal DZ -416.872 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.044

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 404752.0 End wk 1061 sec 404755.0

GPSVEC TP Point ID 1292 DX -305.478 DY -149.710
Class Normal DZ -416.272 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.037

GPSQC1 NM Min SVs 7 PDOP max 1.2
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 404763.0 End wk 1061 sec 404765.0

GPSVEC TP Point ID 1293 DX -311.202 DY -147.207
Class Normal DZ -415.376 Code GRD
Mthd Phase Diff. H.pr 0.019 V.pr 0.031

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 404776.0 End wk 1061 sec 404781.0

GPSVEC TP Point ID 1294 DX -327.324 DY -139.371
Class Normal DZ -413.326 Code GRD
Mthd Phase Diff. H.pr 0.030 V.pr 0.048

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 404795.0 End wk 1061 sec 404798.0

GPSVEC TP Point ID 1295 DX -329.764 DY -137.487
Class Normal DZ -413.364 Code GRD
Mthd Phase Diff. H.pr 0.030 V.pr 0.048

GPSQC1 NM Min SVs 7 PDOP max 1.2
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 404808.0 End wk 1061 sec 404810.0

GPSVEC TP Point ID 1296 DX -333.048 DY -136.332
Class Normal DZ -412.450 Code GRD
Mthd Phase Diff. H.pr 0.030 V.pr 0.049

GPSQC1 NM Min SVs 7 PDOP max 1.2
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 404817.0 End wk 1061 sec 404819.0

GPSVEC TP Point ID 1297 DX -335.692 DY -134.791
Class Normal DZ -411.997 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.042

GPSQC1 NM Min SVs 7 PDOP max 1.2
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 404827.0 End wk 1061 sec 404829.0

GPSVEC TP Point ID 1298 DX -337.773 DY -134.423
Class Normal DZ -411.239 Code GRD
Mthd Phase Diff. H.pr 0.032 V.pr 0.051

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 404842.0 End wk 1061 sec 404845.0

GPSVEC TP Point ID 1299 DX -347.324 DY -129.992
Class Normal DZ -409.825 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.034

GPSQC1 NM Min SVs 7 PDOP max 1.2
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 404859.0 End wk 1061 sec 404861.0

GPSVEC TP Point ID 1300 DX -349.670 DY -127.006
Class Normal DZ -410.185 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.035

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 404871.0 End wk 1061 sec 404874.0

GPSVEC TP Point ID 1301 DX -362.195 DY -121.398
Class Normal DZ -408.504 Code GRD
Mthd Phase Diff. H.pr 0.020 V.pr 0.032

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 404887.0 End wk 1061 sec 404891.0

GPSVEC TP Point ID 1302 DX -375.950 DY -114.536
Class Normal DZ -406.842 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.037

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 404908.0 End wk 1061 sec 404911.0

GPSVEC TP Point ID 1303 DX -389.907 DY -107.260
Class Normal DZ -405.109 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.043

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 404924.0 End wk 1061 sec 404929.0

GPSVEC TP Point ID 1304 DX -398.169 DY -103.030
Class Normal DZ -404.094 Code GRD
Mthd Phase Diff. H.pr 0.020 V.pr 0.033

GPSQC1 NM Min SVs 7 PDOP max 1.2
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 404937.0 End wk 1061 sec 404939.0

GPSVEC TP Point ID 1305 DX -401.802 DY -102.260
Class Normal DZ -402.752 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.034

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 404955.0 End wk 1061 sec 404958.0

GPSVEC TP Point ID 1306 DX -413.381 DY -96.721
Class Normal DZ -401.501 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.042

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 404972.0 End wk 1061 sec 404975.0

GPSVEC TP Point ID 1307 DX -423.989 DY -90.828
Class Normal DZ -400.126 Code GRD
Mthd Phase Diff. H.pr 0.033 V.pr 0.053

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 404988.0 End wk 1061 sec 404992.0

GPSVEC TP Point ID 1308 DX -424.545 DY -89.075
Class Normal DZ -400.887 Code GRD
Mthd Phase Diff. H.pr 0.034 V.pr 0.056

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 405003.0 End wk 1061 sec 405006.0

GPSVEC TP Point ID 1309 DX -426.778 DY -87.049
Class Normal DZ -400.969 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.044

GPSQC1 NM Min SVs 7 PDOP max 1.2
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 405015.0 End wk 1061 sec 405017.0

GPSVEC TP Point ID 1310 DX -430.778 DY -84.991
Class Normal DZ -400.592 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.038

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 405026.0 End wk 1061 sec 405029.0

GPSVEC TP Point ID 1311 DX -435.287 DY -84.050
Class Normal DZ -399.191 Code GRD
Mthd Phase Diff. H.pr 0.031 V.pr 0.050

GPSQC1 NM Min SVs 7 PDOP max 1.2
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 405041.0 End wk 1061 sec 405043.0

GPSVEC TP Point ID 1312 DX -442.474 DY -80.956
Class Normal DZ -397.791 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.035

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 405060.0 End wk 1061 sec 405063.0

GPSVEC TP Point ID 1313 DX -447.161 DY -78.731
Class Normal DZ -397.278 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.040

GPSQC1 NM Min SVs 7 PDOP max 1.2
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 405072.0 End wk 1061 sec 405074.0

GPSVEC TP Point ID 1314 DX -449.516 DY -76.135
Class Normal DZ -397.191 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.045

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 6 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 405091.0 End wk 1061 sec 405097.0

GPSVEC TP Point ID 1315 DX -455.624 DY -73.046
Class Normal DZ -396.589 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.038

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 405108.0 End wk 1061 sec 405111.0

GPSVEC TP Point ID 1316 DX -457.470 DY -73.155
Class Normal DZ -395.996 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.040

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 405125.0 End wk 1061 sec 405128.0

GPSVEC TP Point ID 1317 DX -467.654 DY -68.541
Class Normal DZ -394.545 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.042

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 405143.0 End wk 1061 sec 405146.0

GPSVEC TP Point ID 1318 DX -474.260 DY -64.663
Class Normal DZ -393.620 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.042

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 405159.0 End wk 1061 sec 405162.0

GPSVEC TP Point ID 1319 DX -476.197 DY -62.225
Class Normal DZ -393.933 Code GRD
Mthd Phase Diff. H.pr 0.037 V.pr 0.060

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 405171.0 End wk 1061 sec 405174.0

GPSVEC TP Point ID 1320 DX -478.511 DY -61.897
Class Normal DZ -393.054 Code GRD
Mthd Phase Diff. H.pr 0.028 V.pr 0.046

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 405182.0 End wk 1061 sec 405186.0

GPSVEC TP Point ID 1321 DX -486.856 DY -58.100
Class Normal DZ -392.019 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.040

GPSQC1 NM Min SVs 7 PDOP max 1.2
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 405205.0 End wk 1061 sec 405207.0

GPSVEC TP Point ID 1322 DX -489.755 DY -55.775
Class Normal DZ -392.271 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.040

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 405215.0 End wk 1061 sec 405220.0

GPSVEC TP Point ID 1323 DX -495.223 DY -52.662
Class Normal DZ -391.936 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.035

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 405231.0 End wk 1061 sec 405234.0

GPSVEC TP Point ID 1324 DX -498.790 DY -52.071
Class Normal DZ -390.681 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.039

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 405246.0 End wk 1061 sec 405249.0

NOTE TS Time Date 05/11/2000 Time 16:34:18

GPSVEC TP Point ID 1325 DX -507.548 DY -47.864
Class Normal DZ -388.894 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.034

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 405267.0 End wk 1061 sec 405270.0

GPSVEC TP Point ID 1326 DX -515.339 DY -43.913
Class Normal DZ -388.180 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.036

GPSQC1 NM Min SVs 7 PDOP max 1.2
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 405287.0 End wk 1061 sec 405289.0

GPSVEC TP Point ID 1327 DX -516.191 DY -41.854
Class Normal DZ -389.069 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.043

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 405298.0 End wk 1061 sec 405303.0

GPSVEC TP Point ID 1328 DX -518.302 DY -40.350
Class Normal DZ -389.044 Code GRD
Mthd Phase Diff. H.pr 0.020 V.pr 0.033

GPSQC1 NM Min SVs 7 PDOP max 1.2
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 405312.0 End wk 1061 sec 405314.0

GPSVEC TP Point ID 1329 DX -525.454 DY -39.004
Class Normal DZ -386.563 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.039

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 405329.0 End wk 1061 sec 405332.0

GPSVEC TP Point ID 1330 DX -529.753 DY -36.187
Class Normal DZ -386.210 Code GRD
Mthd Phase Diff. H.pr 0.020 V.pr 0.032

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 405346.0 End wk 1061 sec 405349.0

GPSVEC TP Point ID 1331 DX -531.867 DY -34.529
Class Normal DZ -386.301 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.042

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 405354.0 End wk 1061 sec 405358.0

GPSVEC TP Point ID 1332 DX -535.494 DY -33.605
Class Normal DZ -385.278 Code GRD
Mthd Phase Diff. H.pr 0.031 V.pr 0.050

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 405371.0 End wk 1061 sec 405374.0

GPSVEC TP Point ID 1333 DX -540.887 DY -30.532
Class Normal DZ -384.976 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.040

GPSQC1 NM Min SVs 7 PDOP max 1.2
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 405385.0 End wk 1061 sec 405387.0

GPSVEC TP Point ID 1334 DX -541.681 DY -28.932
Class Normal DZ -385.277 Code GRD
Mthd Phase Diff. H.pr 0.019 V.pr 0.031

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 405397.0 End wk 1061 sec 405401.0

GPSVEC TP Point ID 1335 DX -548.069 DY -25.443
Class Normal DZ -384.590 Code GRD
Mthd Phase Diff. H.pr 0.033 V.pr 0.054

GPSQC1 NM Min SVs 7 PDOP max 1.2
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 405412.0 End wk 1061 sec 405414.0

GPSVEC TP Point ID 1336 DX -554.740 DY -22.802
Class Normal DZ -383.181 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.039

GPSQC1 NM Min SVs 7 PDOP max 1.2
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 405427.0 End wk 1061 sec 405429.0

GPSVEC TP Point ID 1337 DX -560.544 DY -20.109
Class Normal DZ -382.785 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.034

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 405439.0 End wk 1061 sec 405443.0

GPSVEC TP Point ID 1338 DX -567.680 DY -16.198
Class Normal DZ -381.690 Code GRD
Mthd Phase Diff. H.pr 0.020 V.pr 0.032

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 405455.0 End wk 1061 sec 405459.0

GPSVEC TP Point ID 1339 DX -570.266 DY -16.388
Class Normal DZ -380.862 Code GRD
Mthd Phase Diff. H.pr 0.031 V.pr 0.050

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 405469.0 End wk 1061 sec 405472.0

GPSVEC TP Point ID 1340 DX -583.688 DY -9.929
Class Normal DZ -378.957 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.038

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 405490.0 End wk 1061 sec 405493.0

GPSVEC TP Point ID 1341 DX -585.975 DY -7.566
Class Normal DZ -379.199 Code GRD
Mthd Phase Diff. H.pr 0.019 V.pr 0.030

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 4 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 405509.0 End wk 1061 sec 405513.0

GPSVEC TP Point ID 1342 DX -589.919 DY -6.836
Class Normal DZ -377.704 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.040

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 405526.0 End wk 1061 sec 405529.0

GPSVEC TP Point ID 1343 DX -592.242 DY -5.738
Class Normal DZ -377.197 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.036

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 405540.0 End wk 1061 sec 405544.0

GPSVEC TP Point ID 1344 DX -594.327 DY -3.579
Class Normal DZ -378.030 Code GRD
Mthd Phase Diff. H.pr 0.033 V.pr 0.052

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 405555.0 End wk 1061 sec 405558.0

GPSVEC TP Point ID 1345 DX -597.836 DY -1.755
Class Normal DZ -377.345 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.036

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 405569.0 End wk 1061 sec 405571.0

GPSVEC TP Point ID 1346 DX -600.869 DY -1.578
Class Normal DZ -376.393 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.042

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 405581.0 End wk 1061 sec 405584.0

GPSVEC TP Point ID 1347 DX -609.918 DY 3.247
Class Normal DZ -374.964 Code GRD
Mthd Phase Diff. H.pr 0.040 V.pr 0.064

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 405603.0 End wk 1061 sec 405606.0

GPSVEC TP Point ID 1348 DX -612.317 DY 5.373
Class Normal DZ -374.479 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.036

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 405614.0 End wk 1061 sec 405617.0

GPSVEC TP Point ID 1349 DX -613.991 DY 6.570
Class Normal DZ -375.189 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.037

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 405628.0 End wk 1061 sec 405633.0

GPSVEC TP Point ID 1350 DX -619.530 DY 10.203
Class Normal DZ -374.651 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.035

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 405641.0 End wk 1061 sec 405646.0

GPSVEC TP Point ID 1351 DX -629.507 DY 13.460
Class Normal DZ -372.887 Code GRD
Mthd Phase Diff. H.pr 0.019 V.pr 0.031

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 405657.0 End wk 1061 sec 405661.0

GPSVEC TP Point ID 1352 DX -638.498 DY 17.650
Class Normal DZ -371.586 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.037

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 405676.0 End wk 1061 sec 405679.0

GPSVEC TP Point ID 1353 DX -648.973 DY 23.270
Class Normal DZ -370.370 Code GRD
Mthd Phase Diff. H.pr 0.030 V.pr 0.048

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 6 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 405698.0 End wk 1061 sec 405703.0

GPSVEC TP Point ID 1354 DX -657.686 DY 28.242
Class Normal DZ -369.369 Code GRD
Mthd Phase Diff. H.pr 0.029 V.pr 0.046

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 405717.0 End wk 1061 sec 405719.0

GPSVEC TP Point ID 1355 DX -661.135 DY 30.477
Class Normal DZ -369.172 Code GRD
Mthd Phase Diff. H.pr 0.037 V.pr 0.059

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 405728.0 End wk 1061 sec 405731.0

GPSVEC TP Point ID 1356 DX -663.776 DY 32.585
Class Normal DZ -368.945 Code GRD
Mthd Phase Diff. H.pr 0.034 V.pr 0.054

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 405742.0 End wk 1061 sec 405745.0

GPSVEC TP Point ID 1357 DX -671.030 DY 34.394
Class Normal DZ -367.719 Code GRD
Mthd Phase Diff. H.pr 0.032 V.pr 0.051

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 405761.0 End wk 1061 sec 405764.0

GPSVEC TP Point ID 1358 DX -672.835 DY 35.621
Class Normal DZ -366.835 Code GRD
Mthd Phase Diff. H.pr 0.039 V.pr 0.062

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 405781.0 End wk 1061 sec 405784.0

GPSVEC TP Point ID 1359 DX -676.775 DY 38.238
Class Normal DZ -367.129 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.043

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 405794.0 End wk 1061 sec 405797.0

GPSVEC TP Point ID 1360 DX -680.954 DY 39.624
Class Normal DZ -366.211 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.034

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 405808.0 End wk 1061 sec 405810.0

GPSVEC TP Point ID 1361 DX -686.096 DY 42.735
Class Normal DZ -365.659 Code GRD
Mthd Phase Diff. H.pr 0.028 V.pr 0.045

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 405822.0 End wk 1061 sec 405825.0

GPSVEC TP Point ID 1362 DX -688.359 DY 43.768
Class Normal DZ -365.059 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.040

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 405831.0 End wk 1061 sec 405833.0

GPSVEC TP Point ID 1363 DX -689.159 DY 45.373
Class Normal DZ -365.467 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.043

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 405841.0 End wk 1061 sec 405844.0

GPSVEC TP Point ID 1364 DX -696.852 DY 48.457
Class Normal DZ -364.443 Code GRD
Mthd Phase Diff. H.pr 0.034 V.pr 0.057

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 405860.0 End wk 1061 sec 405864.0

GPSVEC TP Point ID 1365 DX -699.588 DY 50.317
Class Normal DZ -364.334 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.039

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 5 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 405870.0 End wk 1061 sec 405876.0

GPSVEC TP Point ID 1366 DX -704.012 DY 51.542
Class Normal DZ -362.527 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.033

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 405888.0 End wk 1061 sec 405891.0

GPSVEC TP Point ID 1367 DX -706.248 DY 52.445
Class Normal DZ -362.357 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.042

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 405904.0 End wk 1061 sec 405907.0

GPSVEC TP Point ID 1368 DX -708.841 DY 54.884
Class Normal DZ -362.929 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.036

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 405919.0 End wk 1061 sec 405923.0

GPSVEC TP Point ID 1369 DX -713.002 DY 57.322
Class Normal DZ -362.641 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.034

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 405930.0 End wk 1061 sec 405932.0

GPSVEC TP Point ID 1370 DX -717.087 DY 59.144
Class Normal DZ -361.882 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.036

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 405940.0 End wk 1061 sec 405943.0

GPSVEC TP Point ID 1371 DX -722.110 DY 62.254
Class Normal DZ -361.621 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.033

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 405952.0 End wk 1061 sec 405956.0

GPSVEC TP Point ID 1372 DX -727.159 DY 64.960
Class Normal DZ -361.156 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.039

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 405965.0 End wk 1061 sec 405967.0

GPSVEC TP Point ID 1373 DX -736.649 DY 69.304
Class Normal DZ -359.342 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.033

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 405979.0 End wk 1061 sec 405981.0

GPSVEC TP Point ID 1374 DX -746.783 DY 74.348
Class Normal DZ -358.184 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.043

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 405993.0 End wk 1061 sec 405995.0

GPSVEC TP Point ID 1375 DX -752.464 DY 76.667
Class Normal DZ -357.083 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.042

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 406008.0 End wk 1061 sec 406011.0

GPSVEC TP Point ID 1376 DX -755.806 DY 78.664
Class Normal DZ -357.042 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.038

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 406019.0 End wk 1061 sec 406022.0

GPSVEC TP Point ID 1377 DX -759.529 DY 80.163
Class Normal DZ -356.241 Code GRD
Mthd Phase Diff. H.pr 0.030 V.pr 0.047

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 406033.0 End wk 1061 sec 406036.0

GPSVEC TP Point ID 1378 DX -762.609 DY 80.775
Class Normal DZ -355.215 Code GRD
Mthd Phase Diff. H.pr 0.020 V.pr 0.032

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 406044.0 End wk 1061 sec 406046.0

GPSVEC TP Point ID 1379 DX -766.860 DY 83.508
Class Normal DZ -354.749 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.034

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 406056.0 End wk 1061 sec 406059.0

GPSVEC TP Point ID 1380 DX -768.359 DY 85.046
Class Normal DZ -354.991 Code GRD
Mthd Phase Diff. H.pr 0.029 V.pr 0.046

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 406067.0 End wk 1061 sec 406070.0

GPSVEC TP Point ID 1381 DX -774.755 DY 88.720
Class Normal DZ -354.088 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.040

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 406080.0 End wk 1061 sec 406082.0

GPSVEC TP Point ID 1382 DX -780.815 DY 91.245
Class Normal DZ -353.373 Code GRD
Mthd Phase Diff. H.pr 0.031 V.pr 0.048

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 406094.0 End wk 1061 sec 406097.0

GPSVEC TP Point ID 1383 DX -784.781 DY 93.968
Class Normal DZ -352.725 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.034

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 406105.0 End wk 1061 sec 406107.0

GPSVEC TP Point ID 1384 DX -788.944 DY 95.670
Class Normal DZ -352.151 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.039

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 406117.0 End wk 1061 sec 406120.0

GPSVEC TP Point ID 1385 DX -795.728 DY 99.434
Class Normal DZ -351.528 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.040

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 406132.0 End wk 1061 sec 406134.0

GPSVEC TP Point ID 1386 DX -798.992 DY 100.861
Class Normal DZ -350.606 Code GRD
Mthd Phase Diff. H.pr 0.033 V.pr 0.052

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 406142.0 End wk 1061 sec 406144.0

GPSVEC TP Point ID 1387 DX -802.440 DY 100.341
Class Normal DZ -349.501 Code GRD
Mthd Phase Diff. H.pr 0.020 V.pr 0.032

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 406160.0 End wk 1061 sec 406164.0

GPSVEC TP Point ID 1388 DX -818.468 DY 108.306
Class Normal DZ -347.661 Code GRD
Mthd Phase Diff. H.pr 0.041 V.pr 0.064

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 406176.0 End wk 1061 sec 406179.0

GPSVEC TP Point ID 1389 DX -830.238 DY 114.149
Class Normal DZ -345.854 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.038

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 406194.0 End wk 1061 sec 406197.0

GPSVEC TP Point ID 1390 DX -833.872 DY 116.674
Class Normal DZ -345.166 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.037

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 406207.0 End wk 1061 sec 406212.0

GPSVEC TP Point ID 1391 DX -837.011 DY 117.725
Class Normal DZ -344.716 Code GRD
Mthd Phase Diff. H.pr 0.032 V.pr 0.049

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 5 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 406221.0 End wk 1061 sec 406227.0

GPSVEC TP Point ID 1392 DX -838.415 DY 119.552
Class Normal DZ -344.957 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.042

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 406234.0 End wk 1061 sec 406239.0

GPSVEC TP Point ID 1393 DX -841.752 DY 121.074
Class Normal DZ -345.483 Code GRD
Mthd Phase Diff. H.pr 0.036 V.pr 0.056

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 406245.0 End wk 1061 sec 406249.0

GPSVEC TP Point ID 1394 DX -845.771 DY 123.027
Class Normal DZ -344.573 Code GRD
Mthd Phase Diff. H.pr 0.042 V.pr 0.065

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 406258.0 End wk 1061 sec 406260.0

GPSVEC TP Point ID 1395 DX -847.974 DY 123.078
Class Normal DZ -342.707 Code GRD
Mthd Phase Diff. H.pr 0.030 V.pr 0.046

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 406276.0 End wk 1061 sec 406279.0

GPSVEC TP Point ID 1396 DX -860.883 DY 129.627
Class Normal DZ -341.562 Code GRD
Mthd Phase Diff. H.pr 0.028 V.pr 0.044

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 406291.0 End wk 1061 sec 406295.0

GPSVEC TP Point ID 1397 DX -863.114 DY 131.327
Class Normal DZ -341.443 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.035

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 406303.0 End wk 1061 sec 406306.0

GPSVEC TP Point ID 1398 DX -865.567 DY 132.202
Class Normal DZ -340.542 Code GRD
Mthd Phase Diff. H.pr 0.020 V.pr 0.031

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 406321.0 End wk 1061 sec 406326.0

GPSVEC TP Point ID 1399 DX -870.917 DY 134.737
Class Normal DZ -340.381 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.041

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 406341.0 End wk 1061 sec 406344.0

GPSVEC TP Point ID 1400 DX -874.204 DY 137.950
Class Normal DZ -340.502 Code GRD
Mthd Phase Diff. H.pr 0.032 V.pr 0.049

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 406356.0 End wk 1061 sec 406361.0

GPSVEC TP Point ID 1401 DX -877.682 DY 140.087
Class Normal DZ -339.630 Code GRD
Mthd Phase Diff. H.pr 0.042 V.pr 0.064

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 406369.0 End wk 1061 sec 406373.0

GPSVEC TP Point ID 1402 DX -880.625 DY 140.742
Class Normal DZ -339.192 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.037

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 406384.0 End wk 1061 sec 406387.0

GPSVEC TP Point ID 1403 DX -884.648 DY 143.380
Class Normal DZ -339.116 Code GRD
Mthd Phase Diff. H.pr 0.028 V.pr 0.042

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 406397.0 End wk 1061 sec 406400.0

GPSVEC TP Point ID 1404 DX -888.796 DY 144.344
Class Normal DZ -338.066 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.038

GPSQC1 NM Min SVs 7 PDOP max 0.7
Total GPS pos 9 HDOP max 0.4
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 406416.0 End wk 1061 sec 406424.0

GPSVEC TP Point ID 1405 DX -898.999 DY 148.815
Class Normal DZ -336.418 Code GRD
Mthd Phase Diff. H.pr 0.034 V.pr 0.052

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 406441.0 End wk 1061 sec 406444.0

GPSVEC TP Point ID 1406 DX -901.265 DY 150.812
Class Normal DZ -336.362 Code GRD
Mthd Phase Diff. H.pr 0.031 V.pr 0.048

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 406450.0 End wk 1061 sec 406453.0

GPSVEC TP Point ID 1407 DX -904.747 DY 152.119
Class Normal DZ -335.384 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.038

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 406467.0 End wk 1061 sec 406470.0

GPSVEC TP Point ID 1408 DX -918.135 DY 158.560
Class Normal DZ -333.931 Code GRD
Mthd Phase Diff. H.pr 0.040 V.pr 0.061

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 406486.0 End wk 1061 sec 406490.0

GPSVEC TP Point ID 1409 DX -919.755 DY 159.926
Class Normal DZ -334.061 Code GRD
Mthd Phase Diff. H.pr 0.034 V.pr 0.052

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 406498.0 End wk 1061 sec 406501.0

GPSVEC TP Point ID 1410 DX -922.385 DY 161.075
Class Normal DZ -333.238 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.033

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 406508.0 End wk 1061 sec 406512.0

GPSVEC TP Point ID 1411 DX -938.051 DY 169.095
Class Normal DZ -330.785 Code GRD
Mthd Phase Diff. H.pr 0.028 V.pr 0.043

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 406524.0 End wk 1061 sec 406526.0

GPSVEC TP Point ID 1412 DX -940.611 DY 171.130
Class Normal DZ -331.057 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.034

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 406534.0 End wk 1061 sec 406539.0

GPSVEC TP Point ID 1413 DX -946.637 DY 174.319
Class Normal DZ -330.684 Code GRD
Mthd Phase Diff. H.pr 0.040 V.pr 0.062

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 406551.0 End wk 1061 sec 406554.0

GPSVEC TP Point ID 1414 DX -949.396 DY 177.771
Class Normal DZ -331.335 Code GRD
Mthd Phase Diff. H.pr 0.032 V.pr 0.049

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 406567.0 End wk 1061 sec 406570.0

GPSVEC TP Point ID 1415 DX -954.806 DY 180.004
Class Normal DZ -329.767 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.036

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 406580.0 End wk 1061 sec 406583.0

GPSVEC TP Point ID 1416 DX -964.028 DY 183.945
Class Normal DZ -328.835 Code GRD
Mthd Phase Diff. H.pr 0.036 V.pr 0.055

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 406595.0 End wk 1061 sec 406598.0

GPSVEC TP Point ID 1417 DX -967.981 DY 185.075
Class Normal DZ -328.161 Code GRD
Mthd Phase Diff. H.pr 0.037 V.pr 0.056

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 406626.0 End wk 1061 sec 406629.0

GPSVEC TP Point ID 1418 DX -971.705 DY 188.118
Class Normal DZ -327.576 Code GRD
Mthd Phase Diff. H.pr 0.041 V.pr 0.063

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 406638.0 End wk 1061 sec 406643.0

GPSVEC TP Point ID 1419 DX -976.146 DY 190.239
Class Normal DZ -327.297 Code GRD
Mthd Phase Diff. H.pr 0.033 V.pr 0.049

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 406650.0 End wk 1061 sec 406654.0

GPSVEC TP Point ID 1420 DX -981.984 DY 191.927
Class Normal DZ -325.739 Code GRD
Mthd Phase Diff. H.pr 0.033 V.pr 0.049

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 406666.0 End wk 1061 sec 406671.0

GPSVEC TP Point ID 1421 DX -991.651 DY 197.127
Class Normal DZ -324.340 Code GRD
Mthd Phase Diff. H.pr 0.033 V.pr 0.050

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 406682.0 End wk 1061 sec 406687.0

GPSVEC TP Point ID 1422 DX -994.771 DY 199.249
Class Normal DZ -324.627 Code GRD
Mthd Phase Diff. H.pr 0.036 V.pr 0.054

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 7 HDOP max 0.4
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 406695.0 End wk 1061 sec 406701.0

GPSVEC TP Point ID 1423 DX -1004.559 DY 203.025
Class Normal DZ -322.929 Code GRD
Mthd Phase Diff. H.pr 0.033 V.pr 0.050

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 406714.0 End wk 1061 sec 406718.0

GPSVEC TP Point ID 1424 DX -1010.190 DY 206.137
Class Normal DZ -322.195 Code GRD
Mthd Phase Diff. H.pr 0.029 V.pr 0.043

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 406729.0 End wk 1061 sec 406732.0

GPSVEC TP Point ID 1425 DX -1012.277 DY 208.033
Class Normal DZ -322.605 Code GRD
Mthd Phase Diff. H.pr 0.043 V.pr 0.065

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 406740.0 End wk 1061 sec 406744.0

GPSVEC TP Point ID 1426 DX -1015.543 DY 208.874
Class Normal DZ -321.433 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.040

GPSQC1 NM Min SVs 7 PDOP max 0.7
Total GPS pos 7 HDOP max 0.4
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 406755.0 End wk 1061 sec 406762.0

GPSVEC TP Point ID 1427 DX -1023.506 DY 213.297
Class Normal DZ -320.431 Code GRD
Mthd Phase Diff. H.pr 0.032 V.pr 0.049

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 406774.0 End wk 1061 sec 406778.0

GPSVEC TP Point ID 1428 DX -1026.971 DY 215.970
Class Normal DZ -320.512 Code GRD
Mthd Phase Diff. H.pr 0.020 V.pr 0.032

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 406790.0 End wk 1061 sec 406794.0

GPSVEC TP Point ID 1429 DX -1029.899 DY 216.453
Class Normal DZ -319.267 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.040

GPSQC1 NM Min SVs 6 PDOP max 0.9
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 406804.0 End wk 1061 sec 406809.0

GPSVEC TP Point ID 1430 DX -1043.815 DY 223.068
Class Normal DZ -317.796 Code GRD
Mthd Phase Diff. H.pr 0.029 V.pr 0.045

GPSQC1 NM Min SVs 6 PDOP max 0.9
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 406822.0 End wk 1061 sec 406828.0

GPSVEC TP Point ID 1431 DX -1057.786 DY 230.378
Class Normal DZ -315.674 Code GRD
Mthd Phase Diff. H.pr 0.032 V.pr 0.044

GPSQC1 NM Min SVs 6 PDOP max 0.7
Total GPS pos 14 HDOP max 0.4
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 406844.0 End wk 1061 sec 406858.0

GPSVEC TP Point ID 1432 DX -1065.049 DY 233.764
Class Normal DZ -314.889 Code GRD
Mthd Phase Diff. H.pr 0.033 V.pr 0.043

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 6 HDOP max 0.7
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 406869.0 End wk 1061 sec 406874.0

GPSVEC TP Point ID 1433 DX -1066.960 DY 235.372
Class Normal DZ -315.211 Code GRD
Mthd Phase Diff. H.pr 0.032 V.pr 0.042

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 8 HDOP max 0.6
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 406880.0 End wk 1061 sec 406887.0

GPSVEC TP Point ID 1434 DX -1080.661 DY 242.133
Class Normal DZ -312.846 Code GRD
Mthd Phase Diff. H.pr 0.044 V.pr 0.057

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 7 HDOP max 0.6
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 406900.0 End wk 1061 sec 406906.0

GPSVEC TP Point ID 1435 DX -1084.187 DY 244.779
Class Normal DZ -312.580 Code GRD
Mthd Phase Diff. H.pr 0.038 V.pr 0.049

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 5 HDOP max 0.7
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 406916.0 End wk 1061 sec 406920.0

GPSVEC TP Point ID 1436 DX -1093.557 DY 248.724
Class Normal DZ -310.699 Code GRD
Mthd Phase Diff. H.pr 0.035 V.pr 0.045

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GPSQC1  NM  Min SVs      6              PDOP max  1.3
        Total GPS pos  4              HDOP max  0.8
        Monitor status Yes            VDOP max  1.0
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1061 sec 406932.0       End wk 1061   sec 406935.0

GPSVEC  TP  Point ID 1437      DX  -1103.706       DY   253.327
        Class Normal        DZ  -309.256        Code GRD
        Mthd Phase Diff.    H.pr 0.048          V.pr 0.061

GPSQC1  NM  Min SVs      6              PDOP max  1.3
        Total GPS pos  4              HDOP max  0.8
        Monitor status Yes            VDOP max  1.0
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1061 sec 406953.0       End wk 1061   sec 406956.0

GPSVEC  TP  Point ID 1438      DX  -1106.602       DY   255.924
        Class Normal        DZ  -309.762        Code GRD
        Mthd Phase Diff.    H.pr 0.033          V.pr 0.043

GPSQC1  NM  Min SVs      6              PDOP max  0.9
        Total GPS pos  7              HDOP max  0.6
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1061 sec 406967.0       End wk 1061   sec 406974.0

GPSVEC  TP  Point ID 1439      DX  -1112.583       DY   258.134
        Class Normal        DZ  -308.399        Code GRD
        Mthd Phase Diff.    H.pr 0.032          V.pr 0.040

GPSQC1  NM  Min SVs      6              PDOP max  1.3
        Total GPS pos  3              HDOP max  0.8
        Monitor status Yes            VDOP max  1.0
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1061 sec 406989.0       End wk 1061   sec 406991.0

GPSVEC  TP  Point ID 1440      DX  -1117.588       DY   260.189
        Class Normal        DZ  -308.033        Code GRD
        Mthd Phase Diff.    H.pr 0.044          V.pr 0.056

GPSQC1  NM  Min SVs      6              PDOP max  1.1
        Total GPS pos  6              HDOP max  0.7
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1061 sec 407003.0       End wk 1061   sec 407008.0
```

GPSVEC TP Point ID 1441 DX -1122.406 DY 263.910
Class Normal DZ -307.739 Code GRD
Mthd Phase Diff. H.pr 0.038 V.pr 0.048

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 5 HDOP max 0.7
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 407019.0 End wk 1061 sec 407024.0

GPSVEC TP Point ID 1442 DX -1126.632 DY 266.727
Class Normal DZ -306.781 Code GRD
Mthd Phase Diff. H.pr 0.039 V.pr 0.049

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 7 HDOP max 0.6
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 407034.0 End wk 1061 sec 407040.0

GPSVEC TP Point ID 1443 DX -1132.411 DY 268.522
Class Normal DZ -305.907 Code GRD
Mthd Phase Diff. H.pr 0.043 V.pr 0.054

GPSQC1 NM Min SVs 6 PDOP max 0.9
Total GPS pos 6 HDOP max 0.6
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 407054.0 End wk 1061 sec 407061.0

NOTE TS Time Date 05/11/2000 Time 17:04:27

GPSVEC TP Point ID 1444 DX -1139.031 DY 272.525
Class Normal DZ -305.426 Code GRD
Mthd Phase Diff. H.pr 0.039 V.pr 0.049

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 6 HDOP max 0.7
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 407074.0 End wk 1061 sec 407079.0

GPSVEC TP Point ID 1445 DX -1142.117 DY 274.525
Class Normal DZ -305.469 Code GRD
Mthd Phase Diff. H.pr 0.035 V.pr 0.044

GPSQC1 NM Min SVs 6 PDOP max 0.8
Total GPS pos 10 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 407091.0 End wk 1061 sec 407100.0

GPSVEC TP Point ID 1446 DX -1149.947 DY 278.430
Class Normal DZ -303.986 Code GRD
Mthd Phase Diff. H.pr 0.043 V.pr 0.054

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 6 HDOP max 0.7
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 407110.0 End wk 1061 sec 407115.0

GPSVEC TP Point ID 1447 DX -1163.795 DY 283.815
Class Normal DZ -301.531 Code GRD
Mthd Phase Diff. H.pr 0.032 V.pr 0.040

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 5 HDOP max 0.7
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 407139.0 End wk 1061 sec 407144.0

GPSVEC TP Point ID 1448 DX -1168.414 DY 286.829
Class Normal DZ -301.166 Code GRD
Mthd Phase Diff. H.pr 0.034 V.pr 0.042

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 4 HDOP max 0.8
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 407153.0 End wk 1061 sec 407156.0

GPSVEC TP Point ID 1449 DX -1173.650 DY 289.305
Class Normal DZ -300.730 Code GRD
Mthd Phase Diff. H.pr 0.035 V.pr 0.044

GPSQC1 NM Min SVs 6 PDOP max 0.9
Total GPS pos 8 HDOP max 0.6
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 407164.0 End wk 1061 sec 407172.0

GPSVEC TP Point ID 1450 DX -1186.764 DY 296.226
Class Normal DZ -298.697 Code GRD
Mthd Phase Diff. H.pr 0.044 V.pr 0.054

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 4 HDOP max 0.8
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 407214.0 End wk 1061 sec 407217.0

GPSVEC TP Point ID 1451 DX -1192.210 DY 297.647
Class Normal DZ -297.817 Code GRD
Mthd Phase Diff. H.pr 0.028 V.pr 0.035

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 4 HDOP max 0.8
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 407227.0 End wk 1061 sec 407230.0

GPSVEC TP Point ID 1452 DX -1200.541 DY 301.578
Class Normal DZ -296.808 Code GRD
Mthd Phase Diff. H.pr 0.035 V.pr 0.043

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 5 HDOP max 0.7
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 407251.0 End wk 1061 sec 407255.0

GPSVEC TP Point ID 1453 DX -1202.234 DY 303.628
Class Normal DZ -296.601 Code GRD
Mthd Phase Diff. H.pr 0.031 V.pr 0.038

GPSQC1 NM Min SVs 6 PDOP max 0.8
Total GPS pos 9 HDOP max 0.5
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 407264.0 End wk 1061 sec 407274.0

GPSVEC TP Point ID 1454 DX -1209.103 DY 306.727
Class Normal DZ -295.563 Code GRD
Mthd Phase Diff. H.pr 0.034 V.pr 0.048

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 407283.0 End wk 1061 sec 407286.0

GPSVEC TP Point ID 1455 DX -1214.830 DY 310.401
Class Normal DZ -295.333 Code GRD
Mthd Phase Diff. H.pr 0.038 V.pr 0.053

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 407298.0 End wk 1061 sec 407301.0

GPSVEC TP Point ID 1456 DX -1217.945 DY 311.076
Class Normal DZ -294.392 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.038

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 407313.0 End wk 1061 sec 407316.0

GPSVEC TP Point ID 1457 DX -1226.789 DY 315.646
Class Normal DZ -293.219 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.032

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 407326.0 End wk 1061 sec 407330.0

GPSVEC TP Point ID 1458 DX -1228.126 DY 315.328
Class Normal DZ -292.780 Code GRD
Mthd Phase Diff. H.pr 0.036 V.pr 0.050

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 407338.0 End wk 1061 sec 407342.0

GPSVEC TP Point ID 1459 DX -1235.966 DY 319.909
Class Normal DZ -291.625 Code GRD
Mthd Phase Diff. H.pr 0.040 V.pr 0.055

GPSQC1 NM Min SVs 6 PDOP max 0.9
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 407359.0 End wk 1061 sec 407363.0

GPSVEC TP Point ID 1460 DX -1240.335 DY 322.710
Class Normal DZ -291.906 Code GRD
Mthd Phase Diff. H.pr 0.028 V.pr 0.033

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 4 HDOP max 0.8
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 407390.0 End wk 1061 sec 407393.0

GPSVEC TP Point ID 1461 DX -1242.970 DY 323.251
Class Normal DZ -291.200 Code GRD
Mthd Phase Diff. H.pr 0.040 V.pr 0.057

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 407406.0 End wk 1061 sec 407410.0

GPSVEC TP Point ID 1462 DX -1247.111 DY 325.242
Class Normal DZ -290.048 Code GRD
Mthd Phase Diff. H.pr 0.035 V.pr 0.049

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 407423.0 End wk 1061 sec 407427.0

GPSVEC TP Point ID 1463 DX -1250.153 DY 327.213
Class Normal DZ -290.325 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.032

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 407435.0 End wk 1061 sec 407438.0

GPSVEC TP Point ID 1464 DX -1252.435 DY 327.495
Class Normal DZ -289.658 Code GRD
Mthd Phase Diff. H.pr 0.035 V.pr 0.049

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 407449.0 End wk 1061 sec 407452.0

GPSVEC TP Point ID 1465 DX -1263.887 DY 333.500
Class Normal DZ -287.859 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.036

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 407466.0 End wk 1061 sec 407468.0

GPSVEC TP Point ID 1466 DX -1267.020 DY 335.917
Class Normal DZ -287.594 Code GRD
Mthd Phase Diff. H.pr 0.032 V.pr 0.046

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 407477.0 End wk 1061 sec 407480.0

GPSVEC TP Point ID 1467 DX -1270.663 DY 337.146
Class Normal DZ -287.277 Code GRD
Mthd Phase Diff. H.pr 0.042 V.pr 0.059

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 5 HDOP max 0.4
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 407488.0 End wk 1061 sec 407494.0

GPSVEC TP Point ID 1468 DX -1272.572 DY 338.440
Class Normal DZ -287.119 Code GRD
Mthd Phase Diff. H.pr 0.045 V.pr 0.063

GPSQC1 NM Min SVs 7 PDOP max 0.7
Total GPS pos 9 HDOP max 0.4
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 407502.0 End wk 1061 sec 407510.0

GPSVEC TP Point ID 1469 DX -1274.793 DY 339.198
Class Normal DZ -286.604 Code GRD
Mthd Phase Diff. H.pr 0.037 V.pr 0.051

GPSQC1 NM Min SVs 6 PDOP max 0.9
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 407518.0 End wk 1061 sec 407522.0

GPSVEC TP Point ID 1470 DX -1279.362 DY 341.929
Class Normal DZ -285.952 Code GRD
Mthd Phase Diff. H.pr 0.034 V.pr 0.054

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 407531.0 End wk 1061 sec 407534.0

GPSVEC TP Point ID 1471 DX -1281.973 DY 344.374
Class Normal DZ -286.171 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.042

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 407553.0 End wk 1061 sec 407556.0

GPSVEC TP Point ID 1472 DX -1285.874 DY 345.178
Class Normal DZ -285.061 Code GRD
Mthd Phase Diff. H.pr 0.031 V.pr 0.049

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GPSQC1  NM  Min SVs      6              PDOP max  0.9
        Total GPS pos  8              HDOP max  0.5
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1061 sec 407566.0      End wk 1061   sec 407573.0

GPSVEC  TP  Point ID 1473      DX  -1295.031       DY   350.276
        Class Normal        DZ  -284.318        Code GRD
        Mthd Phase Diff.    H.pr 0.030          V.pr 0.049

GPSQC1  NM  Min SVs      6              PDOP max  1.3
        Total GPS pos  3              HDOP max  0.7
        Monitor status Yes            VDOP max  1.1
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1061 sec 407587.0      End wk 1061   sec 407589.0

GPSVEC  TP  Point ID 1474      DX  -1297.633       DY   352.313
        Class Normal        DZ  -283.876        Code GRD
        Mthd Phase Diff.    H.pr 0.021          V.pr 0.033

GPSQC1  NM  Min SVs      6              PDOP max  1.1
        Total GPS pos  4              HDOP max  0.6
        Monitor status Yes            VDOP max  0.9
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1061 sec 407596.0      End wk 1061   sec 407600.0

GPSVEC  TP  Point ID 1475      DX  -1304.828       DY   354.764
        Class Normal        DZ  -283.051        Code GRD
        Mthd Phase Diff.    H.pr 0.033          V.pr 0.053

GPSQC1  NM  Min SVs      6              PDOP max  1.1
        Total GPS pos  5              HDOP max  0.6
        Monitor status Yes            VDOP max  0.9
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1061 sec 407608.0      End wk 1061   sec 407612.0

GPSVEC  TP  Point ID 1476      DX  -1312.041       DY   358.852
        Class Normal        DZ  -282.283        Code GRD
        Mthd Phase Diff.    H.pr 0.027          V.pr 0.044

GPSQC1  NM  Min SVs      6              PDOP max  1.2
        Total GPS pos  4              HDOP max  0.6
        Monitor status Yes            VDOP max  1.0
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1061 sec 407621.0      End wk 1061   sec 407624.0
```

GPSVEC TP Point ID 1477 DX -1317.834 DY 362.913
Class Normal DZ -281.487 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.035

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 407634.0 End wk 1061 sec 407636.0

GPSVEC TP Point ID 1478 DX -1321.491 DY 363.946
Class Normal DZ -281.059 Code GRD
Mthd Phase Diff. H.pr 0.020 V.pr 0.032

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 407645.0 End wk 1061 sec 407648.0

GPSVEC TP Point ID 1479 DX -1331.937 DY 369.569
Class Normal DZ -279.814 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.042

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 407669.0 End wk 1061 sec 407671.0

GPSVEC TP Point ID 1480 DX -1343.831 DY 374.817
Class Normal DZ -277.786 Code GRD
Mthd Phase Diff. H.pr 0.029 V.pr 0.047

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 407691.0 End wk 1061 sec 407694.0

GPSVEC TP Point ID 1481 DX -1353.190 DY 380.180
Class Normal DZ -276.681 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.037

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 407708.0 End wk 1061 sec 407710.0

GPSVEC TP Point ID 1482 DX -1360.787 DY 383.793
Class Normal DZ -275.320 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.043

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 407720.0 End wk 1061 sec 407724.0

GPSVEC TP Point ID 1483 DX -1364.065 DY 385.712
Class Normal DZ -275.261 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.040

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 407730.0 End wk 1061 sec 407734.0

GPSVEC TP Point ID 1484 DX -1369.599 DY 387.954
Class Normal DZ -274.219 Code GRD
Mthd Phase Diff. H.pr 0.028 V.pr 0.046

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 407748.0 End wk 1061 sec 407752.0

GPSVEC TP Point ID 1485 DX -1373.013 DY 390.055
Class Normal DZ -274.158 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.037

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 407760.0 End wk 1061 sec 407764.0

GPSVEC TP Point ID 1486 DX -1376.875 DY 391.345
Class Normal DZ -273.662 Code GRD
Mthd Phase Diff. H.pr 0.032 V.pr 0.052

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 407772.0 End wk 1061 sec 407776.0

GPSVEC TP Point ID 1487 DX -1380.780 DY 394.081
Class Normal DZ -272.853 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.041

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 407784.0 End wk 1061 sec 407787.0

GPSVEC TP Point ID 1488 DX -1386.623 DY 396.360
Class Normal DZ -271.940 Code GRD
Mthd Phase Diff. H.pr 0.030 V.pr 0.049

GPSQC1 NM Min SVs 6 PDOP max 0.9
Total GPS pos 7 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 407800.0 End wk 1061 sec 407808.0

GPSVEC TP Point ID 1489 DX -1394.002 DY 400.582
Class Normal DZ -271.610 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.037

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 407822.0 End wk 1061 sec 407825.0

GPSVEC TP Point ID 1490 DX -1399.172 DY 403.751
Class Normal DZ -270.851 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.036

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 407835.0 End wk 1061 sec 407837.0

GPSVEC TP Point ID 1491 DX -1401.273 DY 404.294
Class Normal DZ -269.939 Code GRD
Mthd Phase Diff. H.pr 0.028 V.pr 0.046

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 407845.0 End wk 1061 sec 407850.0

GPSVEC TP Point ID 1492 DX -1402.597 DY 404.923
Class Normal DZ -269.616 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.037

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 407856.0 End wk 1061 sec 407859.0

GPSVEC TP Point ID 1493 DX -1403.995 DY 404.541
Class Normal DZ -269.000 Code GRD
Mthd Phase Diff. H.pr 0.030 V.pr 0.049

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 7 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 407867.0 End wk 1061 sec 407873.0

GPSVEC TP Point ID 1494 DX -1405.800 DY 404.877
Class Normal DZ -269.055 Code TOE LEVEE
Mthd Phase Diff. H.pr 0.023 V.pr 0.037

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 407891.0 End wk 1061 sec 407895.0

GPSVEC TP Point ID 1495 DX -1398.909 DY 418.989
Class Normal DZ -243.083 Code TOE LEVEE
Mthd Phase Diff. H.pr 0.025 V.pr 0.041

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 407924.0 End wk 1061 sec 407927.0

GPSVEC TP Point ID 1496 DX -1394.999 DY 417.834
Class Normal DZ -243.875 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.019 V.pr 0.032

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 407957.0 End wk 1061 sec 407961.0

GPSVEC TP Point ID 1497 DX -1385.391 DY 412.802
Class Normal DZ -244.923 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.026 V.pr 0.043

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 407983.0 End wk 1061 sec 407987.0

GPSVEC TP Point ID 1498 DX -1372.247 DY 406.202
Class Normal DZ -246.742 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.023 V.pr 0.032

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 408007.0 End wk 1061 sec 408010.0

GPSVEC TP Point ID 1499 DX -1354.396 DY 397.197
Class Normal DZ -249.227 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.032 V.pr 0.046

GPSQC1 NM Min SVs 7 PDOP max 0.7
Total GPS pos 6 HDOP max 0.4
Monitor status Yes VDOP max 0.5
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 408038.0 End wk 1061 sec 408043.0

GPSVEC TP Point ID 1500 DX -1337.177 DY 388.612
Class Normal DZ -251.592 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.026 V.pr 0.037

GPSQC1 NM Min SVs 7 PDOP max 0.7
Total GPS pos 5 HDOP max 0.4
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 408058.0 End wk 1061 sec 408062.0

GPSVEC TP Point ID 1501 DX -1318.916 DY 379.390
Class Normal DZ -254.022 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.021 V.pr 0.031

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 408075.0 End wk 1061 sec 408078.0

GPSVEC TP Point ID 1502 DX -1301.321 DY 370.487
Class Normal DZ -256.372 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.024 V.pr 0.035

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 408096.0 End wk 1061 sec 408099.0

GPSVEC TP Point ID 1503 DX -1283.597 DY 361.450
Class Normal DZ -258.702 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.023 V.pr 0.034

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 408118.0 End wk 1061 sec 408121.0

GPSVEC TP Point ID 1504 DX -1266.771 DY 352.852
Class Normal DZ -260.870 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.024 V.pr 0.034

GPSQC1 NM Min SVs 7 PDOP max 0.7
Total GPS pos 5 HDOP max 0.4
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 408138.0 End wk 1061 sec 408142.0

GPSVEC TP Point ID 1505 DX -1248.050 DY 343.274
Class Normal DZ -263.310 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.023 V.pr 0.034

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 408159.0 End wk 1061 sec 408162.0

GPSVEC TP Point ID 1506 DX -1230.664 DY 334.448
Class Normal DZ -265.618 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.034 V.pr 0.050

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 408177.0 End wk 1061 sec 408179.0

GPSVEC TP Point ID 1507 DX -1212.646 DY 325.325
Class Normal DZ -268.006 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.022 V.pr 0.032

GPSQC1 NM Min SVs 7 PDOP max 0.7
Total GPS pos 5 HDOP max 0.4
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 408196.0 End wk 1061 sec 408200.0

GPSVEC TP Point ID 1508 DX -1195.286 DY 316.605
Class Normal DZ -270.319 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.022 V.pr 0.033

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 408220.0 End wk 1061 sec 408223.0

GPSVEC TP Point ID 1509 DX -1177.285 DY 307.515
Class Normal DZ -272.723 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.024 V.pr 0.036

GPSQC1 NM Min SVs 7 PDOP max 0.7
Total GPS pos 4 HDOP max 0.4
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 408247.0 End wk 1061 sec 408250.0

GPSVEC TP Point ID 1510 DX -1159.253 DY 298.419
Class Normal DZ -275.146 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.026 V.pr 0.039

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 408270.0 End wk 1061 sec 408273.0

GPSVEC TP Point ID 1511 DX -1141.469 DY 289.528
Class Normal DZ -277.494 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.027 V.pr 0.040

GPSQC1 NM Min SVs 7 PDOP max 0.7
Total GPS pos 5 HDOP max 0.4
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 408296.0 End wk 1061 sec 408300.0

GPSVEC TP Point ID 1512 DX -1123.847 DY 280.615
Class Normal DZ -279.836 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.024 V.pr 0.035

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 408313.0 End wk 1061 sec 408316.0

GPSVEC TP Point ID 1513 DX -1106.417 DY 271.628
Class Normal DZ -282.203 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.021 V.pr 0.032

GPSQC1 NM Min SVs 7 PDOP max 0.7
Total GPS pos 4 HDOP max 0.4
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 408337.0 End wk 1061 sec 408341.0

GPSVEC TP Point ID 1514 DX -1088.248 DY 262.407
Class Normal DZ -284.559 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.029 V.pr 0.043

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 408355.0 End wk 1061 sec 408358.0

GPSVEC TP Point ID 1515 DX -1070.771 DY 253.562
Class Normal DZ -286.870 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.022 V.pr 0.033

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 408375.0 End wk 1061 sec 408378.0

GPSVEC TP Point ID 1516 DX -1052.833 DY 244.575
Class Normal DZ -289.238 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.021 V.pr 0.031

GPSQC1 NM Min SVs 7 PDOP max 0.7
Total GPS pos 6 HDOP max 0.4
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 408399.0 End wk 1061 sec 408404.0

GPSVEC TP Point ID 1517 DX -1035.034 DY 235.614
Class Normal DZ -291.548 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.025 V.pr 0.037

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 408428.0 End wk 1061 sec 408430.0

GPSVEC TP Point ID 1518 DX -1017.571 DY 226.643
Class Normal DZ -294.043 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.030 V.pr 0.046

GPSQC1 NM Min SVs 7 PDOP max 0.7
Total GPS pos 5 HDOP max 0.4
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 408448.0 End wk 1061 sec 408452.0

GPSVEC TP Point ID 1519 DX -999.743 DY 217.775
Class Normal DZ -296.403 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.024 V.pr 0.037

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 408473.0 End wk 1061 sec 408476.0

GPSVEC TP Point ID 1520 DX -982.040 DY 209.001
Class Normal DZ -298.792 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.025 V.pr 0.038

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 408497.0 End wk 1061 sec 408500.0

GPSVEC TP Point ID 1521 DX -964.635 DY 200.268
Class Normal DZ -301.207 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.025 V.pr 0.038

GPSQC1 NM Min SVs 7 PDOP max 0.6
Total GPS pos 6 HDOP max 0.4
Monitor status Yes VDOP max 0.5
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 408515.0 End wk 1061 sec 408521.0

GPSVEC TP Point ID 1522 DX -946.541 DY 190.933
Class Normal DZ -303.519 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.026 V.pr 0.040

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 408541.0 End wk 1061 sec 408543.0

GPSVEC TP Point ID 1523 DX -929.048 DY 182.024
Class Normal DZ -305.792 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.024 V.pr 0.037

GPSQC1 NM Min SVs 7 PDOP max 0.6
Total GPS pos 6 HDOP max 0.4
Monitor status Yes VDOP max 0.5
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 408562.0 End wk 1061 sec 408568.0

GPSVEC TP Point ID 1524 DX -910.889 DY 172.800
Class Normal DZ -308.245 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.023 V.pr 0.033

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 408585.0 End wk 1061 sec 408588.0

GPSVEC TP Point ID 1525 DX -893.846 DY 164.257
Class Normal DZ -310.623 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.022 V.pr 0.033

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 408609.0 End wk 1061 sec 408611.0

GPSVEC TP Point ID 1526 DX -875.913 DY 155.180
Class Normal DZ -313.043 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.023 V.pr 0.035

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 408633.0 End wk 1061 sec 408636.0

GPSVEC TP Point ID 1527 DX -858.167 DY 146.218
Class Normal DZ -315.396 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.024 V.pr 0.037

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 408660.0 End wk 1061 sec 408662.0

GPSVEC TP Point ID 1528 DX -840.619 DY 137.337
Class Normal DZ -317.703 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.026 V.pr 0.040

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 408677.0 End wk 1061 sec 408680.0

GPSVEC TP Point ID 1529 DX -822.445 DY 128.152
Class Normal DZ -319.933 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.025 V.pr 0.038

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 408696.0 End wk 1061 sec 408699.0

GPSVEC TP Point ID 1530 DX -804.711 DY 119.089
Class Normal DZ -322.380 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.030 V.pr 0.047

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 5 HDOP max 0.4
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 408718.0 End wk 1061 sec 408722.0

GPSVEC TP Point ID 1531 DX -786.947 DY 110.232
Class Normal DZ -324.701 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.021 V.pr 0.033

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 408742.0 End wk 1061 sec 408745.0

GPSVEC TP Point ID 1532 DX -769.407 DY 101.356
Class Normal DZ -327.113 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.023 V.pr 0.035

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 408763.0 End wk 1061 sec 408766.0

GPSVEC TP Point ID 1533 DX -751.600 DY 92.319
Class Normal DZ -329.509 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.029 V.pr 0.044

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 408785.0 End wk 1061 sec 408788.0

GPSVEC TP Point ID 1534 DX -733.905 DY 83.421
Class Normal DZ -331.880 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.022 V.pr 0.034

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 408805.0 End wk 1061 sec 408808.0

GPSVEC TP Point ID 1535 DX -715.678 DY 74.155
Class Normal DZ -334.359 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.023 V.pr 0.036

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 408823.0 End wk 1061 sec 408826.0

GPSVEC TP Point ID 1536 DX -698.268 DY 65.388
Class Normal DZ -336.657 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.022 V.pr 0.034

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 4 HDOP max 0.4
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 408843.0 End wk 1061 sec 408847.0

GPSVEC TP Point ID 1537 DX -680.789 DY 56.577
Class Normal DZ -338.963 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.021 V.pr 0.032

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 408864.0 End wk 1061 sec 408867.0

NOTE TS Time Date 05/11/2000 Time 17:34:35

GPSVEC TP Point ID 1538 DX -663.069 DY 47.477
Class Normal DZ -341.258 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.022 V.pr 0.034

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 408884.0 End wk 1061 sec 408887.0

GPSVEC TP Point ID 1539 DX -645.647 DY 38.587
Class Normal DZ -343.522 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.024 V.pr 0.037

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 408909.0 End wk 1061 sec 408912.0

GPSVEC TP Point ID 1540 DX -627.361 DY 29.482
Class Normal DZ -345.964 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.026 V.pr 0.041

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 408940.0 End wk 1061 sec 408943.0

GPSVEC TP Point ID 1541 DX -609.798 DY 20.642
Class Normal DZ -348.415 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.022 V.pr 0.034

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 408960.0 End wk 1061 sec 408963.0

GPSVEC TP Point ID 1542 DX -591.765 DY 11.510
Class Normal DZ -350.856 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.025 V.pr 0.040

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 408991.0 End wk 1061 sec 408994.0

GPSVEC TP Point ID 1543 DX -574.255 DY 2.787
Class Normal DZ -353.140 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.027 V.pr 0.042

GPSQC1 NM Min SVs 7 PDOP max 0.7
Total GPS pos 6 HDOP max 0.4
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 409008.0 End wk 1061 sec 409014.0

GPSVEC TP Point ID 1544 DX -556.566 DY -6.237
Class Normal DZ -355.438 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.021 V.pr 0.033

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 409035.0 End wk 1061 sec 409038.0

GPSVEC TP Point ID 1545 DX -539.035 DY -15.200
Class Normal DZ -357.804 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.022 V.pr 0.034

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 409060.0 End wk 1061 sec 409063.0

GPSVEC TP Point ID 1546 DX -521.352 DY -24.083
Class Normal DZ -360.259 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.024 V.pr 0.038

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 409083.0 End wk 1061 sec 409086.0

GPSVEC TP Point ID 1547 DX -503.536 DY -33.049
Class Normal DZ -362.713 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.026 V.pr 0.041

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 409105.0 End wk 1061 sec 409108.0

GPSVEC TP Point ID 1548 DX -485.744 DY -42.029
Class Normal DZ -365.001 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.027 V.pr 0.042

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 409126.0 End wk 1061 sec 409128.0

GPSVEC TP Point ID 1549 DX -468.089 DY -51.081
Class Normal DZ -367.385 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.028 V.pr 0.045

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 3 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 409147.0 End wk 1061 sec 409151.0

GPSVEC TP Point ID 1550 DX -450.386 DY -60.057
Class Normal DZ -369.666 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.023 V.pr 0.036

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 5 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 409174.0 End wk 1061 sec 409178.0

GPSVEC TP Point ID 1551 DX -432.733 DY -69.040
Class Normal DZ -372.011 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.021 V.pr 0.033

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 409197.0 End wk 1061 sec 409200.0

GPSVEC TP Point ID 1552 DX -415.150 DY -77.936
Class Normal DZ -374.349 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.028 V.pr 0.045

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 409215.0 End wk 1061 sec 409218.0

GPSVEC TP Point ID 1553 DX -397.271 DY -86.981
Class Normal DZ -376.683 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.032 V.pr 0.051

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 409238.0 End wk 1061 sec 409241.0

GPSVEC TP Point ID 1554 DX -379.752 DY -95.842
Class Normal DZ -378.941 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.026 V.pr 0.042

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 409255.0 End wk 1061 sec 409257.0

GPSVEC TP Point ID 1555 DX -361.767 DY -104.916
Class Normal DZ -381.327 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.028 V.pr 0.044

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 409279.0 End wk 1061 sec 409281.0

GPSVEC TP Point ID 1556 DX -344.088 DY -113.816
Class Normal DZ -383.749 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.024 V.pr 0.038

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 5 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 409305.0 End wk 1061 sec 409309.0

GPSVEC TP Point ID 1557 DX -326.147 DY -122.781
Class Normal DZ -386.150 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.022 V.pr 0.036

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 409329.0 End wk 1061 sec 409332.0

GPSVEC TP Point ID 1558 DX -308.389 DY -131.850
Class Normal DZ -388.553 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.021 V.pr 0.034

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 409349.0 End wk 1061 sec 409351.0

GPSVEC TP Point ID 1559 DX -290.525 DY -140.925
Class Normal DZ -390.850 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.024 V.pr 0.038

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 409365.0 End wk 1061 sec 409368.0

GPSVEC TP Point ID 1560 DX -273.150 DY -149.786
Class Normal DZ -393.139 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.022 V.pr 0.035

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 409381.0 End wk 1061 sec 409383.0

GPSVEC TP Point ID 1561 DX -255.383 DY -158.805
Class Normal DZ -395.443 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.026 V.pr 0.042

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 409402.0 End wk 1061 sec 409404.0

GPSVEC TP Point ID 1562 DX -237.930 DY -167.662
Class Normal DZ -397.784 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.021 V.pr 0.034

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 409420.0 End wk 1061 sec 409423.0

GPSVEC TP Point ID 1563 DX -219.880 DY -176.779
Class Normal DZ -400.235 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.027 V.pr 0.044

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 409443.0 End wk 1061 sec 409445.0

GPSVEC TP Point ID 1564 DX -202.263 DY -185.556
Class Normal DZ -402.659 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.027 V.pr 0.044

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 5 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 409473.0 End wk 1061 sec 409477.0

GPSVEC TP Point ID 1565 DX -184.356 DY -194.515
Class Normal DZ -405.031 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.035 V.pr 0.056

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 5 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 409503.0 End wk 1061 sec 409507.0

GPSVEC TP Point ID 1566 DX -168.057 DY -202.584
Class Normal DZ -407.440 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.019 V.pr 0.031

GPSQC1 NM Min SVs 6 PDOP max 0.9
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 409527.0 End wk 1061 sec 409532.0

GPSVEC TP Point ID 1567 DX -163.995 DY -205.560
Class Normal DZ -407.421 Code TOE LEVEE
Mthd Phase Diff. H.pr 0.028 V.pr 0.046

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 409560.0 End wk 1061 sec 409563.0

INIT KI Init event Lost Week 1061
Init type On the fly seconds 409570.0
Init counter 3 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

NOTE TS Time Date 05/11/2000 Time 18:22:56

INIT KI Init event Gained Week 1061
Init type On the fly seconds 411790.0
Init counter 4 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 1568 DX 4443.485 DY 2558.001
Class Normal DZ 6166.417 Code TOP LEVEE
Mthd Phase Diff. H.pr 0.022 V.pr 0.033

GPSQC1 NM Min SVs 7 PDOP max 0.7
Total GPS pos 6 HDOP max 0.4
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 411929.0 End wk 1061 sec 411934.0

NOTE KI LINE. Name: 5, Code: , Method: Two points, Start pt: 125,

NOTE KI End pt: 128, Azimuth: 281.944°, Length: 1130.541ft,

NOTE KI Grade: -0.005°

SURVEY KI Elev mask 10 PDOP mask 6.0

EQUIP NM Receiver 4800 Serial no 20152374
Antenna 4800 Internal
Method Measured to bottom of antenna mount
Tape adj 0.000 Serial no <no text>
Radius 0.000 V.Const 0.511

SURVEY EVENTKISurvey event Rover survey started

NOTE TS Time Date 05/11/2000 Time 18:27:58

GPSANT KI Antenna ht 5.164 Measuremt True

GPSREF KI Reference BAS1

INIT KI Init event Gained Week 1061
Init type On the fly seconds 412432.0
Init counter 1 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

EQUIP NM Receiver 4800 Serial no 20152374
Antenna 4800 Internal
Method Measured to bottom of antenna mount
Tape adj 0.000 Serial no <no text>
Radius 0.000 V.Const 0.511

GPSANT KI Antenna ht 5.906 Measuremt Uncorrected

GPSVEC TP Point ID 1569 DX 1159.279 DY 1352.592
Class Normal DZ 2571.187 Code TOP LEVEE
Mthd Phase Diff. H.pr 0.033 V.pr 0.047

GPSQC1 NM Min SVs 7 PDOP max 0.7
Total GPS pos 4 HDOP max 0.4
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 412523.0 End wk 1061 sec 412527.0

NOTE KI LINE. Name: 6, Code: , Method: Two points, Start pt: 187,

NOTE KI End pt: 129, Azimuth: 311.464°, Length: 13.514ft,

NOTE KI Grade: 36.246°

```
INIT   KI  Init event   Lost            Week        1061
       Init type    On the fly        seconds     412642.0
       Init counter  1               Point ID     <no text>
       Survey type   Real Time          Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>

INIT   KI  Init event   Gained          Week        1061
       Init type    On the fly        seconds     412902.0
       Init counter  2               Point ID     <no text>
       Survey type   Real Time          Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>

GPSVEC  TP  Point ID 1570      DX  1172.514        DY  1353.427
       Class Normal        DZ  2554.799        Code TOE LEVEE
       Mthd Phase Diff.    H.pr 0.036          V.pr 0.053

GPSQC1  NM  Min SVs      6              PDOP max  0.9
       Total GPS pos  9              HDOP max  0.5
       Monitor status Yes            VDOP max  0.7
       Horizontal SD  0.000           Vert SD   0.000
       Start wk 1061 sec 413076.0       End wk 1061   sec 413084.0

GPSVEC  TP  Point ID 1571      DX  1181.279        DY  1343.684
       Class Normal        DZ  2546.150        Code GRD
       Mthd Phase Diff.    H.pr 0.028          V.pr 0.041

GPSQC1  NM  Min SVs      6              PDOP max  1.0
       Total GPS pos  8              HDOP max  0.5
       Monitor status Yes            VDOP max  0.8
       Horizontal SD  0.000           Vert SD   0.000
       Start wk 1061 sec 413112.0       End wk 1061   sec 413119.0

GPSVEC  TP  Point ID 1572      DX  1192.587        DY  1330.957
       Class Normal        DZ  2535.088        Code GRD
       Mthd Phase Diff.    H.pr 0.035          V.pr 0.051

GPSQC1  NM  Min SVs      6              PDOP max  1.1
       Total GPS pos  6              HDOP max  0.6
       Monitor status Yes            VDOP max  0.9
       Horizontal SD  0.000           Vert SD   0.000
       Start wk 1061 sec 413152.0       End wk 1061   sec 413157.0

GPSVEC  TP  Point ID 1573      DX  1203.762        DY  1318.483
       Class Normal        DZ  2524.287        Code GRD
       Mthd Phase Diff.    H.pr 0.035          V.pr 0.051
```

```
GPSQC1  NM  Min SVs      6              PDOP max  0.9
        Total GPS pos  8              HDOP max  0.5
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1061 sec 413203.0      End wk 1061   sec 413210.0

GPSVEC  TP  Point ID 1574      DX   1214.689        DY   1305.873
        Class Normal        DZ   2513.252        Code GRD
        Mthd Phase Diff.    H.pr 0.028           V.pr 0.041

GPSQC1  NM  Min SVs      6              PDOP max  1.3
        Total GPS pos  4              HDOP max  0.7
        Monitor status Yes            VDOP max  1.1
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1061 sec 413234.0      End wk 1061   sec 413237.0

GPSVEC  TP  Point ID 1575      DX   1226.021        DY   1293.515
        Class Normal        DZ   2502.147        Code GRD
        Mthd Phase Diff.    H.pr 0.041           V.pr 0.060

GPSQC1  NM  Min SVs      6              PDOP max  1.3
        Total GPS pos  4              HDOP max  0.7
        Monitor status Yes            VDOP max  1.1
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1061 sec 413257.0      End wk 1061   sec 413260.0

GPSVEC  TP  Point ID 1576      DX   1237.106        DY   1281.059
        Class Normal        DZ   2491.033        Code GRD
        Mthd Phase Diff.    H.pr 0.031           V.pr 0.045

GPSQC1  NM  Min SVs      6              PDOP max  1.1
        Total GPS pos  6              HDOP max  0.6
        Monitor status Yes            VDOP max  0.9
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1061 sec 413284.0      End wk 1061   sec 413289.0

GPSVEC  TP  Point ID 1577      DX   1248.280        DY   1268.648
        Class Normal        DZ   2480.179        Code GRD
        Mthd Phase Diff.    H.pr 0.039           V.pr 0.057

GPSQC1  NM  Min SVs      6              PDOP max  0.9
        Total GPS pos  5              HDOP max  0.5
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1061 sec 413310.0      End wk 1061   sec 413318.0
```

GPSVEC TP Point ID 1578 DX 1259.406 DY 1256.049
Class Normal DZ 2469.197 Code GRD
Mthd Phase Diff. H.pr 0.034 V.pr 0.050

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 5 HDOP max 0.7
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 413345.0 End wk 1061 sec 413349.0

GPSVEC TP Point ID 1579 DX 1270.574 DY 1243.597
Class Normal DZ 2458.302 Code GRD
Mthd Phase Diff. H.pr 0.036 V.pr 0.053

GPSQC1 NM Min SVs 6 PDOP max 0.9
Total GPS pos 8 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 413383.0 End wk 1061 sec 413392.0

GPSVEC TP Point ID 1580 DX 1281.642 DY 1231.099
Class Normal DZ 2447.353 Code GRD
Mthd Phase Diff. H.pr 0.032 V.pr 0.047

GPSQC1 NM Min SVs 6 PDOP max 0.9
Total GPS pos 9 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 413411.0 End wk 1061 sec 413419.0

GPSVEC TP Point ID 1581 DX 1293.032 DY 1218.683
Class Normal DZ 2436.065 Code GRD
Mthd Phase Diff. H.pr 0.039 V.pr 0.058

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 7 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 413438.0 End wk 1061 sec 413444.0

GPSVEC TP Point ID 1582 DX 1304.037 DY 1206.688
Class Normal DZ 2425.037 Code GRD
Mthd Phase Diff. H.pr 0.035 V.pr 0.051

```
GPSQC1  NM  Min SVs      6              PDOP max  1.0
        Total GPS pos  8              HDOP max  0.6
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1061 sec 413462.0      End wk 1061   sec 413469.0

GPSVEC  TP  Point ID 1583      DX   1315.402        DY   1194.261
        Class Normal        DZ   2413.829        Code GRD
        Mthd Phase Diff.    H.pr 0.032           V.pr 0.048

GPSQC1  NM  Min SVs      6              PDOP max  1.0
        Total GPS pos  7              HDOP max  0.6
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1061 sec 413491.0      End wk 1061   sec 413498.0

GPSVEC  TP  Point ID 1584      DX   1326.466        DY   1181.974
        Class Normal        DZ   2403.026        Code GRD
        Mthd Phase Diff.    H.pr 0.030           V.pr 0.044

GPSQC1  NM  Min SVs      6              PDOP max  1.0
        Total GPS pos  9              HDOP max  0.6
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1061 sec 413519.0      End wk 1061   sec 413527.0

GPSVEC  TP  Point ID 1585      DX   1337.677        DY   1169.328
        Class Normal        DZ   2391.712        Code GRD
        Mthd Phase Diff.    H.pr 0.031           V.pr 0.046

GPSQC1  NM  Min SVs      6              PDOP max  1.1
        Total GPS pos  7              HDOP max  0.6
        Monitor status Yes            VDOP max  0.9
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1061 sec 413547.0      End wk 1061   sec 413553.0

INIT    KI  Init event    Lost            Week        1061
        Init type     On the fly        seconds     413561.0
        Init counter  2                 Point ID    <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

NOTE    TS  Time Date 05/11/2000 Time 18:59:34
```

INIT KI Init event Gained Week 1061
Init type On the fly seconds 413987.0
Init counter 3 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

NOTE KI LINE. Name: 7, Code: , Method: Two points, Start pt: 190,

NOTE KI End pt: 122, Azimuth: 131.475°, Length: 10.251ft,

NOTE KI Grade: 43.959°

GPSVEC TP Point ID 1586 DX 2194.981 DY 745.179
Class Normal DZ 2293.918 Code TOE LEVEE
Mthd Phase Diff. H.pr 0.016 V.pr 0.042

GPSQC1 NM Min SVs 5 PDOP max 2.0
Total GPS pos 9 HDOP max 0.7
Monitor status Yes VDOP max 1.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 414598.0 End wk 1061 sec 414608.0

GPSVEC TP Point ID 1587 DX 2186.240 DY 755.679
Class Normal DZ 2302.183 Code GRD
Mthd Phase Diff. H.pr 0.016 V.pr 0.044

GPSQC1 NM Min SVs 5 PDOP max 1.9
Total GPS pos 13 HDOP max 0.7
Monitor status Yes VDOP max 1.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 414635.0 End wk 1061 sec 414647.0

GPSVEC TP Point ID 1588 DX 2175.218 DY 767.402
Class Normal DZ 2313.164 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.038

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 414673.0 End wk 1061 sec 414678.0

GPSVEC TP Point ID 1589 DX 2164.089 DY 779.834
Class Normal DZ 2324.155 Code GRD
Mthd Phase Diff. H.pr 0.017 V.pr 0.046

GPSQC1 NM Min SVs 5 PDOP max 2.2
Total GPS pos 10 HDOP max 0.8
Monitor status Yes VDOP max 2.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 414701.0 End wk 1061 sec 414710.0

GPSVEC TP Point ID 1590 DX 2152.952 DY 792.335
Class Normal DZ 2335.152 Code GRD
Mthd Phase Diff. H.pr 0.019 V.pr 0.039

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 7 HDOP max 0.6
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 414727.0 End wk 1061 sec 414733.0

GPSVEC TP Point ID 1591 DX 2141.850 DY 804.083
Class Normal DZ 2346.417 Code GRD
Mthd Phase Diff. H.pr 0.020 V.pr 0.039

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 8 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 414763.0 End wk 1061 sec 414770.0

GPSVEC TP Point ID 1592 DX 2137.548 DY 809.094
Class Normal DZ 2350.696 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.038

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 414790.0 End wk 1061 sec 414792.0

GPSVEC TP Point ID 1593 DX 2134.713 DY 813.017
Class Normal DZ 2352.936 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.041

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 4 HDOP max 0.7
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 414807.0 End wk 1061 sec 414810.0

GPSVEC TP Point ID 1594 DX 2129.621 DY 819.353
Class Normal DZ 2358.130 Code GRD
Mthd Phase Diff. H.pr 0.028 V.pr 0.049

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 414824.0 End wk 1061 sec 414830.0

GPSVEC TP Point ID 1595 DX 2126.776 DY 821.932
Class Normal DZ 2361.175 Code GRD
Mthd Phase Diff. H.pr 0.032 V.pr 0.056

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 414849.0 End wk 1061 sec 414854.0

GPSVEC TP Point ID 1596 DX 2122.812 DY 826.711
Class Normal DZ 2364.853 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.043

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 7 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 414870.0 End wk 1061 sec 414876.0

GPSVEC TP Point ID 1597 DX 2119.545 DY 829.194
Class Normal DZ 2368.012 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.045

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 6 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 414890.0 End wk 1061 sec 414895.0

GPSVEC TP Point ID 1598 DX 2108.809 DY 841.620
Class Normal DZ 2378.871 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.048

```
GPSQC1  NM  Min SVs      6              PDOP max  1.2
        Total GPS pos  5              HDOP max  0.6
        Monitor status Yes            VDOP max  1.1
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1061 sec 414917.0       End wk 1061   sec 414921.0

GPSVEC  TP  Point ID 1599      DX   2104.349        DY   845.590
        Class Normal        DZ   2383.414        Code GRD
        Mthd Phase Diff.    H.pr 0.024           V.pr 0.043
.
GPSQC1  NM  Min SVs      6              PDOP max  1.0
        Total GPS pos  7              HDOP max  0.5
        Monitor status Yes            VDOP max  0.9
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1061 sec 414943.0       End wk 1061   sec 414950.0

GPSVEC  TP  Point ID 1600      DX   2100.857        DY   849.980
        Class Normal        DZ   2386.600        Code GRD
        Mthd Phase Diff.    H.pr 0.024           V.pr 0.042

GPSQC1  NM  Min SVs      6              PDOP max  1.3
        Total GPS pos  4              HDOP max  0.7
        Monitor status Yes            VDOP max  1.2
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1061 sec 414960.0       End wk 1061   sec 414963.0

GPSVEC  TP  Point ID 1601      DX   2096.610        DY   854.568
        Class Normal        DZ   2391.027        Code GRD
        Mthd Phase Diff.    H.pr 0.035           V.pr 0.062

GPSQC1  NM  Min SVs      6              PDOP max  1.0
        Total GPS pos  8              HDOP max  0.5
        Monitor status Yes            VDOP max  0.9
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1061 sec 414980.0       End wk 1061   sec 414987.0

GPSVEC  TP  Point ID 1602      DX   2085.937        DY   866.593
        Class Normal        DZ   2401.481        Code GRD
        Mthd Phase Diff.    H.pr 0.023           V.pr 0.041

GPSQC1  NM  Min SVs      6              PDOP max  1.2
        Total GPS pos  4              HDOP max  0.6
        Monitor status Yes            VDOP max  1.1
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1061 sec 415010.0       End wk 1061   sec 415013.0
```

GPSVEC TP Point ID 1603 DX 2074.746 DY 879.210
Class Normal DZ 2412.255 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.044

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 4 HDOP max 0.7
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 415028.0 End wk 1061 sec 415031.0

GPSVEC TP Point ID 1604 DX 2063.530 DY 891.715
Class Normal DZ 2423.479 Code GRD
Mthd Phase Diff. H.pr 0.019 V.pr 0.033

GPSQC1 NM Min SVs 6 PDOP max 0.8
Total GPS pos 13 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 415051.0 End wk 1061 sec 415063.0

GPSVEC TP Point ID 1605 DX 2052.473 DY 903.870
Class Normal DZ 2434.417 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.039

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 415080.0 End wk 1061 sec 415084.0

GPSVEC TP Point ID 1606 DX 2041.303 DY 916.534
Class Normal DZ 2445.566 Code GRD
Mthd Phase Diff. H.pr 0.019 V.pr 0.034

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 7 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 415112.0 End wk 1061 sec 415119.0

GPSVEC TP Point ID 1607 DX 2030.226 DY 929.235
Class Normal DZ 2456.584 Code GRD
Mthd Phase Diff. H.pr 0.030 V.pr 0.054

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 4 HDOP max 0.7
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 415150.0 End wk 1061 sec 415153.0

INIT KI Init event Lost Week 1061
Init type On the fly seconds 415158.0
Init counter 3 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1061
Init type On the fly seconds 415185.0
Init counter 4 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Lost Week 1061
Init type On the fly seconds 415194.0
Init counter 4 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1061
Init type On the fly seconds 415562.0
Init counter 5 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 1608 DX 2198.106 DY 725.953
Class Normal DZ 2294.114 Code TOP LEVEE
Mthd Phase Diff. H.pr 0.035 V.pr 0.064

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 415584.0 End wk 1061 sec 415588.0

INIT KI Init event Lost Week 1061
Init type On the fly seconds 415594.0
Init counter 5 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

NOTE TS Time Date 05/11/2000 Time 19:30:54

INIT KI Init event Gained Week 1061
Init type On the fly seconds 415867.0
Init counter 6 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 1609 DX 5417.882 DY 2021.342
Class Normal DZ 5975.212 Code TOP LEVEE
Mthd Phase Diff. H.pr 0.027 V.pr 0.052

GPSQC1 NM Min SVs 6 PDOP max 0.9
Total GPS pos 12 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 415912.0 End wk 1061 sec 415923.0

INIT KI Init event Lost Week 1061
Init type On the fly seconds 415933.0
Init counter 6 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

SURVEY KI Elev mask 10 PDOP mask 6.0

EQUIP BA Receiver 4800 Serial no 20141803
Antenna 4800 Internal
Method Reading from hook using 4800 tape
Tape adj 0.000 Serial no <no text>
Radius 0.358 V.Const 0.104

SURVEY EVENTKISurvey event Base survey started

NOTE TS Time Date 05/12/2000 Time 18:26:57

EQUIP BA Receiver 4800 Serial no 20141803
Antenna 4800 Internal
Method Reading from hook using 4800 tape
Tape adj 0.000 Serial no <no text>
Radius 0.358 V.Const 0.104

GPSANT KI Antenna ht 5.105 Measuremt Uncorrected

EQUIP BA Receiver 4800 Serial no 20141803
Antenna 4800 Internal
Method Reading from hook using 4800 tape
Tape adj 0.000 Serial no <no text>
Radius 0.358 V.Const 0.104

GPSANT KI Antenna ht 5.105 Measuremt Uncorrected

EQUIP BA Receiver 4800 Serial no 20141803
Antenna 4800 Internal
Method Reading from hook using 4800 tape
Tape adj 0.000 Serial no <no text>
Radius 0.358 V.Const 0.104

GPSANT KI Antenna ht 5.105 Measuremt Uncorrected

GPSREF KI Reference BAS1

EQUIP NM Receiver 4800 Serial no 20152374
Antenna 4800 Internal
Method Measured to bottom of antenna mount
Tape adj 0.000 Serial no <no text>
Radius 0.000 V.Const 0.511

SURVEY EVENTKISurvey event Rover survey started

NOTE TS Time Date 05/12/2000 Time 18:28:04

GPSANT KI Antenna ht 5.197 Measuremt True

GPSREF KI Reference BAS1

INIT KI Init event Gained Week 1061
Init type On the fly seconds 499725.0
Init counter 1 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

EQUIP NM Receiver 4800 Serial no 20152374
Antenna 4800 Internal
Method Measured to bottom of antenna mount
Tape adj 0.000 Serial no <no text>
Radius 0.000 V.Const 0.511

GPSANT KI Antenna ht 5.906 Measuremt Uncorrected

GPSVEC TP Point ID 1610 DX 4448.573 DY 2548.842
Class Normal DZ 6132.083 Code TOE LEVEE
Mthd Phase Diff. H.pr 0.027 V.pr 0.040

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 5 HDOP max 0.7
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 499919.0 End wk 1061 sec 499926.0

GPSVEC TP Point ID 1611 DX 4453.557 DY 2546.824
Class Normal DZ 6130.258 Code GRD
Mthd Phase Diff. H.pr 0.033 V.pr 0.048

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 5 HDOP max 0.7
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 499939.0 End wk 1061 sec 499945.0

GPSVEC TP Point ID 1612 DX 4464.233 DY 2541.453
Class Normal DZ 6128.410 Code GRD
Mthd Phase Diff. H.pr 0.033 V.pr 0.041

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 499969.0 End wk 1061 sec 499972.0

GPSVEC TP Point ID 1613 DX 4479.221 DY 2532.912
Class Normal DZ 6125.407 Code GRD
Mthd Phase Diff. H.pr 0.033 V.pr 0.041

GPSQC1 NM Min SVs 7 PDOP max 0.7
Total GPS pos 7 HDOP max 0.4
Monitor status Yes VDOP max 0.5
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 499991.0 End wk 1061 sec 499998.0

GPSVEC TP Point ID 1614 DX 4495.984 DY 2523.584
Class Normal DZ 6121.862 Code GRD
Mthd Phase Diff. H.pr 0.032 V.pr 0.040

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 500017.0 End wk 1061 sec 500020.0

GPSVEC TP Point ID 1615 DX 4510.527 DY 2516.488
Class Normal DZ 6118.803 Code GRD
Mthd Phase Diff. H.pr 0.043 V.pr 0.053

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 500040.0 End wk 1061 sec 500042.0

GPSVEC TP Point ID 1616 DX 4518.291 DY 2511.797
Class Normal DZ 6117.377 Code GRD
Mthd Phase Diff. H.pr 0.034 V.pr 0.042

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 500059.0 End wk 1061 sec 500062.0

GPSVEC TP Point ID 1617 DX 4520.921 DY 2511.256
Class Normal DZ 6116.720 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.033

GPSQC1 NM Min SVs 7 PDOP max 0.6
Total GPS pos 9 HDOP max 0.4
Monitor status Yes VDOP max 0.4
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 500072.0 End wk 1061 sec 500081.0

GPSVEC TP Point ID 1618 DX 4522.658 DY 2509.612
Class Normal DZ 6116.887 Code GRD
Mthd Phase Diff. H.pr 0.033 V.pr 0.041

GPSQC1 NM Min SVs 7 PDOP max 0.6
Total GPS pos 6 HDOP max 0.4
Monitor status Yes VDOP max 0.5
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 500090.0 End wk 1061 sec 500106.0

GPSVEC TP Point ID 1619 DX 4530.344 DY 2505.230
Class Normal DZ 6114.652 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.035

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 500140.0 End wk 1061 sec 500143.0

GPSVEC TP Point ID 1620 DX 4532.293 DY 2504.088
Class Normal DZ 6115.237 Code GRD
Mthd Phase Diff. H.pr 0.034 V.pr 0.053

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 3 HDOP max 0.8
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 500152.0 End wk 1061 sec 500155.0

GPSVEC TP Point ID 1621 DX 4535.533 DY 2502.184
Class Normal DZ 6114.154 Code GRD
Mthd Phase Diff. H.pr 0.028 V.pr 0.044

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 500165.0 End wk 1061 sec 500170.0

GPSVEC TP Point ID 1622 DX 4549.846 DY 2494.192
Class Normal DZ 6111.594 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.040

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 4 HDOP max 0.7
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 500187.0 End wk 1061 sec 500190.0

NOTE TS Time Date 05/12/2000 Time 18:57:01

GPSVEC TP Point ID 1623 DX 4566.279 DY 2485.554
Class Normal DZ 6108.430 Code GRD
Mthd Phase Diff. H.pr 0.043 V.pr 0.052

GPSQC1 NM Min SVs 7 PDOP max 0.6
Total GPS pos 6 HDOP max 0.4
Monitor status Yes VDOP max 0.4
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 500221.0 End wk 1061 sec 500233.0

GPSVEC TP Point ID 1624 DX 4568.450 DY 2485.650
Class Normal DZ 6107.569 Code GRD
Mthd Phase Diff. H.pr 0.048 V.pr 0.060

GPSQC1 NM Min SVs 6 PDOP max 0.8
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 500240.0 End wk 1061 sec 500243.0

GPSVEC TP Point ID 1625 DX 4573.344 DY 2482.536
Class Normal DZ 6106.331 Code GRD
Mthd Phase Diff. H.pr 0.030 V.pr 0.036

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 500258.0 End wk 1061 sec 500260.0

GPSVEC TP Point ID 1626 DX 4575.695 DY 2480.716
Class Normal DZ 6106.624 Code GRD
Mthd Phase Diff. H.pr 0.036 V.pr 0.057

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 3 HDOP max 0.8
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 500279.0 End wk 1061 sec 500282.0

GPSVEC TP Point ID 1627 DX 4579.946 DY 2478.116
Class Normal DZ 6105.649 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.039

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 500293.0 End wk 1061 sec 500297.0

GPSVEC TP Point ID 1628 DX 4582.078 DY 2477.933
Class Normal DZ 6104.748 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.037

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 4 HDOP max 0.7
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 500302.0 End wk 1061 sec 500306.0

GPSVEC TP Point ID 1629 DX 4588.409 DY 2474.176
Class Normal DZ 6103.361 Code GRD
Mthd Phase Diff. H.pr 0.032 V.pr 0.051

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 3 HDOP max 0.8
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 500318.0 End wk 1061 sec 500321.0

GPSVEC TP Point ID 1630 DX 4589.979 DY 2473.158
Class Normal DZ 6103.740 Code GRD
Mthd Phase Diff. H.pr 0.033 V.pr 0.052

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 3 HDOP max 0.8
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 500328.0 End wk 1061 sec 500331.0

GPSVEC TP Point ID 1631 DX 4603.797 DY 2465.069
Class Normal DZ 6100.116 Code GRD
Mthd Phase Diff. H.pr 0.028 V.pr 0.046

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 500361.0 End wk 1061 sec 500366.0

GPSVEC TP Point ID 1632 DX 4608.483 DY 2463.578
Class Normal DZ 6099.219 Code GRD
Mthd Phase Diff. H.pr 0.037 V.pr 0.059

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 3 HDOP max 0.8
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 500376.0 End wk 1061 sec 500379.0

GPSVEC TP Point ID 1633 DX 4611.219 DY 2461.434
Class Normal DZ 6098.652 Code GRD
Mthd Phase Diff. H.pr 0.035 V.pr 0.056

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 4 HDOP max 0.7
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 500387.0 End wk 1061 sec 500391.0

GPSVEC TP Point ID 1634 DX 4617.684 DY 2457.891
Class Normal DZ 6097.684 Code GRD
Mthd Phase Diff. H.pr 0.037 V.pr 0.061

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 4 HDOP max 0.7
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 500403.0 End wk 1061 sec 500406.0

GPSVEC TP Point ID 1635 DX 4620.780 DY 2456.342
Class Normal DZ 6096.482 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.038

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 500416.0 End wk 1061 sec 500421.0

GPSVEC TP Point ID 1636 DX 4625.686 DY 2453.023
Class Normal DZ 6096.491 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.034

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 500440.0 End wk 1061 sec 500444.0

GPSVEC TP Point ID 1637 DX 4639.445 DY 2445.758
Class Normal DZ 6093.798 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.038

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 500460.0 End wk 1061 sec 500464.0

GPSVEC TP Point ID 1638 DX 4642.090 DY 2445.219
Class Normal DZ 6092.508 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.042

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 6 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 500469.0 End wk 1061 sec 500474.0

GPSVEC TP Point ID 1639 DX 4645.552 DY 2443.234
Class Normal DZ 6091.630 Code GRD
Mthd Phase Diff. H.pr 0.028 V.pr 0.046

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 500483.0 End wk 1061 sec 500485.0

GPSVEC TP Point ID 1640 DX 4649.124 DY 2440.558
Class Normal DZ 6091.535 Code GRD
Mthd Phase Diff. H.pr 0.034 V.pr 0.055

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 4 HDOP max 0.7
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 500499.0 End wk 1061 sec 500502.0

GPSVEC TP Point ID 1641 DX 4664.974 DY 2432.149
Class Normal DZ 6088.668 Code GRD
Mthd Phase Diff. H.pr 0.029 V.pr 0.047

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 500521.0 End wk 1061 sec 500525.0

GPSVEC TP Point ID 1642 DX 4667.607 DY 2431.251
Class Normal DZ 6087.574 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.044

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 4 HDOP max 0.7
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 500533.0 End wk 1061 sec 500536.0

GPSVEC TP Point ID 1643 DX 4676.112 DY 2426.733
Class Normal DZ 6085.826 Code GRD
Mthd Phase Diff. H.pr 0.039 V.pr 0.065

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 500550.0 End wk 1061 sec 500553.0

GPSVEC TP Point ID 1644 DX 4679.032 DY 2424.855
Class Normal DZ 6085.780 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.043

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 500560.0 End wk 1061 sec 500566.0

GPSVEC TP Point ID 1645 DX 4683.760 DY 2422.686
Class Normal DZ 6084.181 Code GRD
Mthd Phase Diff. H.pr 0.028 V.pr 0.046

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 4 HDOP max 0.7
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 500579.0 End wk 1061 sec 500582.0

GPSVEC TP Point ID 1646 DX 4691.615 DY 2417.932
Class Normal DZ 6082.938 Code GRD
Mthd Phase Diff. H.pr 0.038 V.pr 0.063

GPSQC1 NM Min SVs 6 PDOP max 0.9
Total GPS pos 9 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 500598.0 End wk 1061 sec 500607.0

GPSVEC TP Point ID 1647 DX 4693.123 DY 2416.464
Class Normal DZ 6082.874 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.048

GPSQC1 NM Min SVs 6 PDOP max 0.7
Total GPS pos 26 HDOP max 0.3
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 500618.0 End wk 1061 sec 500647.0

GPSVEC TP Point ID 1648 DX 4706.440 DY 2409.176
Class Normal DZ 6080.779 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.041

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 4 HDOP max 0.7
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 500666.0 End wk 1061 sec 500669.0

GPSVEC TP Point ID 1649 DX 4708.127 DY 2408.738
Class Normal DZ 6079.852 Code GRD
Mthd Phase Diff. H.pr 0.030 V.pr 0.050

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 6 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 500675.0 End wk 1061 sec 500680.0

GPSVEC TP Point ID 1650 DX 4713.714 DY 2405.384
Class Normal DZ 6078.444 Code GRD
Mthd Phase Diff. H.pr 0.039 V.pr 0.065

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 4 HDOP max 0.7
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 500690.0 End wk 1061 sec 500694.0

GPSVEC TP Point ID 1651 DX 4717.607 DY 2403.161
Class Normal DZ 6078.424 Code GRD
Mthd Phase Diff. H.pr 0.032 V.pr 0.053

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 500703.0 End wk 1061 sec 500707.0

GPSVEC TP Point ID 1652 DX 4720.821 DY 2401.942
Class Normal DZ 6077.267 Code GRD
Mthd Phase Diff. H.pr 0.039 V.pr 0.065

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 7 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 500716.0 End wk 1061 sec 500722.0

GPSVEC TP Point ID 1653 DX 4725.195 DY 2399.175
Class Normal DZ 6076.841 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.043

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 500732.0 End wk 1061 sec 500736.0

GPSVEC TP Point ID 1654 DX 4730.415 DY 2395.777
Class Normal DZ 6075.515 Code GRD
Mthd Phase Diff. H.pr 0.035 V.pr 0.059

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 500749.0 End wk 1061 sec 500754.0

GPSVEC TP Point ID 1655 DX 4735.694 DY 2392.531
Class Normal DZ 6075.054 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.040

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 500770.0 End wk 1061 sec 500774.0

GPSVEC TP Point ID 1656 DX 4744.311 DY 2387.904
Class Normal DZ 6073.241 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.058

GPSQC1 NM Min SVs 5 PDOP max 1.5
Total GPS pos 20 HDOP max 0.5
Monitor status Yes VDOP max 1.4
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 500793.0 End wk 1061 sec 500816.0

GPSVEC TP Point ID 1657 DX 4756.259 DY 2381.142
Class Normal DZ 6070.151 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.046

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 500843.0 End wk 1061 sec 500847.0

GPSVEC TP Point ID 1658 DX 4759.910 DY 2380.355
Class Normal DZ 6069.271 Code GRD
Mthd Phase Diff. H.pr 0.036 V.pr 0.062

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 6 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 500864.0 End wk 1061 sec 500869.0

GPSVEC TP Point ID 1659 DX 4764.688 DY 2377.753
Class Normal DZ 6068.785 Code GRD
Mthd Phase Diff. H.pr 0.020 V.pr 0.034

GPSQC1 NM Min SVs 6 PDOP max 0.9
Total GPS pos 8 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 500884.0 End wk 1061 sec 500893.0

GPSVEC TP Point ID 1660 DX 4767.893 DY 2375.745
Class Normal DZ 6068.464 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.046

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 500914.0 End wk 1061 sec 500921.0

GPSVEC TP Point ID 1661 DX 4774.049 DY 2373.145
Class Normal DZ 6066.473 Code GRD
Mthd Phase Diff. H.pr 0.029 V.pr 0.049

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 500932.0 End wk 1061 sec 500936.0

GPSVEC TP Point ID 1662 DX 4781.641 DY 2367.558
Class Normal DZ 6065.728 Code GRD
Mthd Phase Diff. H.pr 0.018 V.pr 0.032

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 500950.0 End wk 1061 sec 500954.0

GPSVEC TP Point ID 1663 DX 4785.813 DY 2365.700
Class Normal DZ 6064.327 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.042

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 500966.0 End wk 1061 sec 500968.0

GPSVEC TP Point ID 1664 DX 4796.452 DY 2359.778
Class Normal DZ 6062.889 Code GRD
Mthd Phase Diff. H.pr 0.030 V.pr 0.052

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 500988.0 End wk 1061 sec 501002.0

GPSVEC TP Point ID 1665 DX 4797.709 DY 2358.184
Class Normal DZ 6062.667 Code GRD
Mthd Phase Diff. H.pr 0.028 V.pr 0.048

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 501013.0 End wk 1061 sec 501017.0

GPSVEC TP Point ID 1666 DX 4811.598 DY 2350.004
Class Normal DZ 6059.904 Code GRD
Mthd Phase Diff. H.pr 0.032 V.pr 0.055

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 501033.0 End wk 1061 sec 501037.0

GPSVEC TP Point ID 1667 DX 4814.239 DY 2349.682
Class Normal DZ 6059.330 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.037

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 501044.0 End wk 1061 sec 501051.0

GPSVEC TP Point ID 1668 DX 4821.078 DY 2345.679
Class Normal DZ 6058.335 Code GRD
Mthd Phase Diff. H.pr 0.019 V.pr 0.033

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 501062.0 End wk 1061 sec 501065.0

GPSVEC TP Point ID 1669 DX 4823.640 DY 2344.223
Class Normal DZ 6057.231 Code GRD
Mthd Phase Diff. H.pr 0.028 V.pr 0.049

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 501074.0 End wk 1061 sec 501081.0

GPSVEC TP Point ID 1670 DX 4826.699 DY 2343.162
Class Normal DZ 6056.558 Code GRD
Mthd Phase Diff. H.pr 0.028 V.pr 0.049

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 501094.0 End wk 1061 sec 501096.0

GPSVEC TP Point ID 1671 DX 4829.384 DY 2341.653
Class Normal DZ 6056.182 Code GRD
Mthd Phase Diff. H.pr 0.030 V.pr 0.052

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 7 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 501104.0 End wk 1061 sec 501111.0

GPSVEC TP Point ID 1672 DX 4830.987 DY 2340.300
Class Normal DZ 6056.079 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.045

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 501118.0 End wk 1061 sec 501121.0

GPSVEC TP Point ID 1673 DX 4835.370 DY 2338.319
Class Normal DZ 6054.960 Code GRD
Mthd Phase Diff. H.pr 0.031 V.pr 0.054

GPSQC1 NM Min SVs 6 PDOP max 0.9
Total GPS pos 8 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 501132.0 End wk 1061 sec 501142.0

GPSVEC TP Point ID 1674 DX 4841.068 DY 2334.506
Class Normal DZ 6054.486 Code GRD
Mthd Phase Diff. H.pr 0.030 V.pr 0.052

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 4 HDOP max 0.7
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 501155.0 End wk 1061 sec 501158.0

GPSVEC TP Point ID 1675 DX 4847.720 DY 2330.909
Class Normal DZ 6052.906 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.038

GPSQC1 NM Min SVs 6 PDOP max 0.9
Total GPS pos 10 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 501169.0 End wk 1061 sec 501179.0

GPSVEC TP Point ID 1676 DX 4852.138 DY 2329.458
Class Normal DZ 6051.367 Code GRD
Mthd Phase Diff. H.pr 0.030 V.pr 0.053

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 501192.0 End wk 1061 sec 501196.0

GPSVEC TP Point ID 1677 DX 4858.964 DY 2325.200
Class Normal DZ 6050.249 Code GRD
Mthd Phase Diff. H.pr 0.030 V.pr 0.053

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 501215.0 End wk 1061 sec 501221.0

GPSVEC TP Point ID 1678 DX 4862.800 DY 2322.436
Class Normal DZ 6049.336 Code GRD
Mthd Phase Diff. H.pr 0.028 V.pr 0.049

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 4 HDOP max 0.7
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 501229.0 End wk 1061 sec 501232.0

GPSVEC TP Point ID 1679 DX 4867.445 DY 2320.609
Class Normal DZ 6048.765 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.043

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 501245.0 End wk 1061 sec 501249.0

GPSVEC TP Point ID 1680 DX 4871.151 DY 2319.670
Class Normal DZ 6047.763 Code GRD
Mthd Phase Diff. H.pr 0.030 V.pr 0.053

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 9 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 501257.0 End wk 1061 sec 501265.0

GPSVEC TP Point ID 1681 DX 4873.546 DY 2318.062
Class Normal DZ 6047.453 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.041

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 501274.0 End wk 1061 sec 501278.0

GPSVEC TP Point ID 1682 DX 4875.122 DY 2316.049
Class Normal DZ 6047.472 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.044

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 501294.0 End wk 1061 sec 501298.0

GPSVEC TP Point ID 1683 DX 4882.152 DY 2311.498
Class Normal DZ 6046.065 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.042

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 501309.0 End wk 1061 sec 501315.0

GPSVEC TP Point ID 1684 DX 4892.663 DY 2306.727
Class Normal DZ 6043.628 Code GRD
Mthd Phase Diff. H.pr 0.030 V.pr 0.053

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 501326.0 End wk 1061 sec 501333.0

GPSVEC TP Point ID 1685 DX 4898.935 DY 2302.713
Class Normal DZ 6042.331 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.041

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 501349.0 End wk 1061 sec 501353.0

GPSVEC TP Point ID 1686 DX 4903.840 DY 2300.856
Class Normal DZ 6041.022 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.038

GPSQC1 NM Min SVs 6 PDOP max 1.5
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 1.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 501365.0 End wk 1061 sec 501367.0

GPSVEC TP Point ID 1687 DX 4907.169 DY 2298.307
Class Normal DZ 6040.871 Code GRD
Mthd Phase Diff. H.pr 0.032 V.pr 0.057

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 501377.0 End wk 1061 sec 501383.0

GPSVEC TP Point ID 1688 DX 4916.433 DY 2292.598
Class Normal DZ 6039.365 Code GRD
Mthd Phase Diff. H.pr 0.020 V.pr 0.037

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 4 HDOP max 0.7
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 501395.0 End wk 1061 sec 501398.0

GPSVEC TP Point ID 1689 DX 4931.774 DY 2284.515
Class Normal DZ 6036.669 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.043

GPSQC1 NM Min SVs 6 PDOP max 1.5
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 1.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 501419.0 End wk 1061 sec 501422.0

GPSVEC TP Point ID 1690 DX 4944.650 DY 2278.091
Class Normal DZ 6033.199 Code GRD
Mthd Phase Diff. H.pr 0.028 V.pr 0.051

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 501442.0 End wk 1061 sec 501448.0

GPSVEC TP Point ID 1691 DX 4947.759 DY 2277.374
Class Normal DZ 6031.789 Code GRD
Mthd Phase Diff. H.pr 0.020 V.pr 0.036

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 7 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 501459.0 End wk 1061 sec 501466.0

GPSVEC TP Point ID 1692 DX 4955.634 DY 2273.674
Class Normal DZ 6030.516 Code GRD
Mthd Phase Diff. H.pr 0.028 V.pr 0.050

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 4 HDOP max 0.7
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 501483.0 End wk 1061 sec 501486.0

GPSVEC TP Point ID 1693 DX 4958.664 DY 2271.192
Class Normal DZ 6029.971 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.054

GPSQC1 NM Min SVs 5 PDOP max 1.3
Total GPS pos 10 HDOP max 0.5
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 501507.0 End wk 1061 sec 501517.0

GPSVEC TP Point ID 1694 DX 4961.344 DY 2268.764
Class Normal DZ 6030.322 Code GRD
Mthd Phase Diff. H.pr 0.018 V.pr 0.054

GPSQC1 NM Min SVs 5 PDOP max 2.1
Total GPS pos 10 HDOP max 0.7
Monitor status Yes VDOP max 2.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 501539.0 End wk 1061 sec 501550.0

GPSVEC TP Point ID 1695 DX 4972.407 DY 2262.961
Class Normal DZ 6028.008 Code GRD
Mthd Phase Diff. H.pr 0.018 V.pr 0.054

GPSQC1 NM Min SVs 5 PDOP max 1.9
Total GPS pos 14 HDOP max 0.6
Monitor status Yes VDOP max 1.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 501573.0 End wk 1061 sec 501586.0

GPSVEC TP Point ID 1696 DX 4979.311 DY 2260.341
Class Normal DZ 6025.634 Code GRD
Mthd Phase Diff. H.pr 0.017 V.pr 0.051

GPSQC1 NM Min SVs 5 PDOP max 2.7
Total GPS pos 7 HDOP max 0.8
Monitor status Yes VDOP max 2.5
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 501604.0 End wk 1061 sec 501611.0

GPSVEC TP Point ID 1697 DX 4983.374 DY 2256.890
Class Normal DZ 6025.859 Code GRD
Mthd Phase Diff. H.pr 0.015 V.pr 0.044

GPSQC1 NM Min SVs 5 PDOP max 1.9
Total GPS pos 13 HDOP max 0.6
Monitor status Yes VDOP max 1.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 501626.0 End wk 1061 sec 501642.0

GPSVEC TP Point ID 1698 DX 4994.217 DY 2250.711
Class Normal DZ 6024.060 Code GRD
Mthd Phase Diff. H.pr 0.014 V.pr 0.043

GPSQC1 NM Min SVs 5 PDOP max 1.9
Total GPS pos 13 HDOP max 0.6
Monitor status Yes VDOP max 1.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 501661.0 End wk 1061 sec 501675.0

GPSVEC TP Point ID 1699 DX 5008.143 DY 2243.215
Class Normal DZ 6020.629 Code GRD
Mthd Phase Diff. H.pr 0.016 V.pr 0.047

GPSQC1 NM Min SVs 5 PDOP max 2.0
Total GPS pos 11 HDOP max 0.6
Monitor status Yes VDOP max 1.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 501697.0 End wk 1061 sec 501710.0

GPSVEC TP Point ID 1700 DX 5023.801 DY 2234.903
Class Normal DZ 6018.006 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.048

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 501734.0 End wk 1061 sec 501741.0

GPSVEC TP Point ID 1701 DX 5028.142 DY 2233.320
Class Normal DZ 6016.070 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.044

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 501749.0 End wk 1061 sec 501755.0

GPSVEC TP Point ID 1702 DX 5042.724 DY 2225.057
Class Normal DZ 6013.400 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.042

GPSQC1 NM Min SVs 6 PDOP max 0.8
Total GPS pos 14 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 501772.0 End wk 1061 sec 501786.0

GPSVEC TP Point ID 1703 DX 5046.650 DY 2221.744
Class Normal DZ 6013.638 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.050

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 6 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 501809.0 End wk 1061 sec 501815.0

GPSVEC TP Point ID 1704 DX 5057.730 DY 2215.951
Class Normal DZ 6011.406 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.049

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 4 HDOP max 0.7
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 501837.0 End wk 1061 sec 501841.0

GPSVEC TP Point ID 1705 DX 5061.646 DY 2214.860
Class Normal DZ 6010.169 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.050

GPSQC1 NM Min SVs 6 PDOP max 0.8
Total GPS pos 13 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 501849.0 End wk 1061 sec 501865.0

GPSVEC TP Point ID 1706 DX 5064.203 DY 2213.450
Class Normal DZ 6009.103 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.049

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 7 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 501875.0 End wk 1061 sec 501883.0

GPSVEC TP Point ID 1707 DX 5067.051 DY 2212.580
Class Normal DZ 6008.010 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.045

GPSQC1 NM Min SVs 6 PDOP max 0.8
Total GPS pos 11 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 501890.0 End wk 1061 sec 501903.0

GPSVEC TP Point ID 1708 DX 5071.432 DY 2210.042
Class Normal DZ 6007.412 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.047

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 7 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 501915.0 End wk 1061 sec 501922.0

GPSVEC TP Point ID 1709 DX 5079.704 DY 2203.483
Class Normal DZ 6006.246 Code GRD
Mthd Phase Diff. H.pr 0.028 V.pr 0.053

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 4 HDOP max 0.7
Monitor status Yes VDOP max 1.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 501938.0 End wk 1061 sec 501941.0

GPSVEC TP Point ID 1710 DX 5084.413 DY 2202.372
Class Normal DZ 6005.343 Code GRD
Mthd Phase Diff. H.pr 0.033 V.pr 0.062

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 6 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 501957.0 End wk 1061 sec 501962.0

GPSVEC TP Point ID 1711 DX 5087.369 DY 2200.762
Class Normal DZ 6004.724 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.051

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 501969.0 End wk 1061 sec 501973.0

GPSVEC TP Point ID 1712 DX 5089.692 DY 2199.122
Class Normal DZ 6004.318 Code GRD
Mthd Phase Diff. H.pr 0.034 V.pr 0.065

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 4 HDOP max 0.7
Monitor status Yes VDOP max 1.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 501985.0 End wk 1061 sec 501988.0

GPSVEC TP Point ID 1713 DX 5106.970 DY 2188.903
Class Normal DZ 6001.721 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.050

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 9 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 502010.0 End wk 1061 sec 502018.0

NOTE TS Time Date 05/12/2000 Time 19:27:18

GPSVEC TP Point ID 1714 DX 5122.866 DY 2179.465
Class Normal DZ 5998.274 Code GRD
Mthd Phase Diff. H.pr 0.034 V.pr 0.065

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 10 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 502039.0 End wk 1061 sec 502049.0

GPSVEC TP Point ID 1715 DX 5138.547 DY 2170.301
Class Normal DZ 5995.505 Code GRD
Mthd Phase Diff. H.pr 0.028 V.pr 0.054

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 7 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 502072.0 End wk 1061 sec 502078.0

GPSVEC TP Point ID 1716 DX 5155.578 DY 2161.296
Class Normal DZ 5992.294 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.040

GPSQC1 NM Min SVs 6 PDOP max 0.7
Total GPS pos 17 HDOP max 0.3
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 502097.0 End wk 1061 sec 502116.0

GPSVEC TP Point ID 1717 DX 5168.793 DY 2154.223
Class Normal DZ 5989.763 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.050

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 7 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 502129.0 End wk 1061 sec 502137.0

GPSVEC TP Point ID 1718 DX 5173.924 DY 2152.772
Class Normal DZ 5987.701 Code GRD
Mthd Phase Diff. H.pr 0.032 V.pr 0.063

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 7 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 502153.0 End wk 1061 sec 502159.0

GPSVEC TP Point ID 1719 DX 5177.732 DY 2150.995
Class Normal DZ 5987.020 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.045

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 8 HDOP max 0.4
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 502169.0 End wk 1061 sec 502178.0

GPSVEC TP Point ID 1720 DX 5185.408 DY 2147.018
Class Normal DZ 5985.577 Code GRD
Mthd Phase Diff. H.pr 0.028 V.pr 0.055

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 6 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 502194.0 End wk 1061 sec 502199.0

GPSVEC TP Point ID 1721 DX 5190.929 DY 2142.864
Class Normal DZ 5984.765 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.052

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 502212.0 End wk 1061 sec 502217.0

GPSVEC TP Point ID 1722 DX 5206.188 DY 2133.683
Class Normal DZ 5982.078 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.049

GPSQC1 NM Min SVs 6 PDOP max 0.8
Total GPS pos 13 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 502239.0 End wk 1061 sec 502255.0

GPSVEC TP Point ID 1723 DX 5216.477 DY 2128.021
Class Normal DZ 5979.961 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.049

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 8 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 502275.0 End wk 1061 sec 502283.0

GPSVEC TP Point ID 1724 DX 5225.452 DY 2123.773
Class Normal DZ 5977.702 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.048

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 502300.0 End wk 1061 sec 502305.0

GPSVEC TP Point ID 1725 DX 5228.776 DY 2121.687
Class Normal DZ 5977.431 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.050

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 7 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 502310.0 End wk 1061 sec 502318.0

GPSVEC TP Point ID 1726 DX 5236.616 DY 2117.639
Class Normal DZ 5975.527 Code GRD
Mthd Phase Diff. H.pr 0.029 V.pr 0.057

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 502343.0 End wk 1061 sec 502347.0

GPSVEC TP Point ID 1727 DX 5241.351 DY 2114.957
Class Normal DZ 5974.334 Code GRD
Mthd Phase Diff. H.pr 0.020 V.pr 0.040

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 7 HDOP max 0.4
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 502360.0 End wk 1061 sec 502368.0

GPSVEC TP Point ID 1728 DX 5248.483 DY 2111.093
Class Normal DZ 5974.248 Code GRD
Mthd Phase Diff. H.pr 0.029 V.pr 0.057

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 502391.0 End wk 1061 sec 502398.0

GPSVEC TP Point ID 1729 DX 5251.478 DY 2108.542
Class Normal DZ 5973.908 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.047

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 7 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 502415.0 End wk 1061 sec 502422.0

GPSVEC TP Point ID 1730 DX 5261.385 DY 2103.541
Class Normal DZ 5972.003 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.044

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 8 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 502439.0 End wk 1061 sec 502447.0

GPSVEC TP Point ID 1731 DX 5266.207 DY 2101.853
Class Normal DZ 5969.943 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.044

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 502457.0 End wk 1061 sec 502464.0

GPSVEC TP Point ID 1732 DX 5270.283 DY 2098.919
Class Normal DZ 5969.805 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.053

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 502485.0 End wk 1061 sec 502488.0

GPSVEC TP Point ID 1733 DX 5284.768 DY 2090.128
Class Normal DZ 5966.717 Code GRD
Mthd Phase Diff. H.pr 0.020 V.pr 0.039

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 502515.0 End wk 1061 sec 502519.0

GPSVEC TP Point ID 1734 DX 5289.152 DY 2088.368
Class Normal DZ 5965.319 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.042

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 502538.0 End wk 1061 sec 502544.0

GPSVEC TP Point ID 1735 DX 5295.343 DY 2084.084
Class Normal DZ 5964.324 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.043

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 8 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 502562.0 End wk 1061 sec 502569.0

GPSVEC TP Point ID 1736 DX 5300.447 DY 2082.510
Class Normal DZ 5963.075 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.044

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 502578.0 End wk 1061 sec 502581.0

GPSVEC TP Point ID 1737 DX 5304.145 DY 2080.595
Class Normal DZ 5962.098 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.047

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 8 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 502590.0 End wk 1061 sec 502597.0

GPSVEC TP Point ID 1738 DX 5307.311 DY 2078.261
Class Normal DZ 5961.731 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.047

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 502606.0 End wk 1061 sec 502609.0

GPSVEC TP Point ID 1739 DX 5314.857 DY 2073.172
Class Normal DZ 5960.480 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.046

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 502623.0 End wk 1061 sec 502628.0

GPSVEC TP Point ID 1740 DX 5323.438 DY 2068.898
Class Normal DZ 5959.781 Code GRD
Mthd Phase Diff. H.pr 0.017 V.pr 0.035

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 502643.0 End wk 1061 sec 502647.0

GPSVEC TP Point ID 1741 DX 5325.000 DY 2069.352
Class Normal DZ 5958.412 Code GRD
Mthd Phase Diff. H.pr 0.020 V.pr 0.041

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 502653.0 End wk 1061 sec 502658.0

GPSVEC TP Point ID 1742 DX 5331.529 DY 2065.655
Class Normal DZ 5957.169 Code GRD
Mthd Phase Diff. H.pr 0.031 V.pr 0.063

GPSQC1 NM Min SVs 6 PDOP max 0.7
Total GPS pos 16 HDOP max 0.3
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 502719.0 End wk 1061 sec 502736.0

GPSVEC TP Point ID 1743 DX 5332.297 DY 2063.743
Class Normal DZ 5957.506 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.051

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 7 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 502744.0 End wk 1061 sec 502750.0

GPSVEC TP Point ID 1744 DX 5342.367 DY 2057.751
Class Normal DZ 5955.950 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.042

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 8 HDOP max 0.4
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 502769.0 End wk 1061 sec 502777.0

GPSVEC TP Point ID 1745 DX 5357.034 DY 2049.374
Class Normal DZ 5953.072 Code GRD
Mthd Phase Diff. H.pr 0.020 V.pr 0.042

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 8 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 502794.0 End wk 1061 sec 502801.0

GPSVEC TP Point ID 1746 DX 5372.216 DY 2040.694
Class Normal DZ 5950.342 Code GRD
Mthd Phase Diff. H.pr 0.017 V.pr 0.035

GPSQC1 NM Min SVs 6 PDOP max 1.6
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 1.4
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 502818.0 End wk 1061 sec 502821.0

GPSVEC TP Point ID 1747 DX 5387.029 DY 2032.528
Class Normal DZ 5947.473 Code GRD
Mthd Phase Diff. H.pr 0.019 V.pr 0.038

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 502833.0 End wk 1061 sec 502837.0

GPSVEC TP Point ID 1748 DX 5396.865 DY 2026.972
Class Normal DZ 5945.603 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.054

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 502845.0 End wk 1061 sec 502850.0

GPSVEC TP Point ID 1749 DX 5398.340 DY 2025.688
Class Normal DZ 5945.335 Code TOE LEVEE
Mthd Phase Diff. H.pr 0.017 V.pr 0.035

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 7 HDOP max 0.4
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 502863.0 End wk 1061 sec 502870.0

GPSVEC TP Point ID 1750 DX 5410.055 DY 2038.724
Class Normal DZ 5970.025 Code TOE LEVEE
Mthd Phase Diff. H.pr 0.027 V.pr 0.055

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 502891.0 End wk 1061 sec 502896.0

GPSVEC TP Point ID 1751 DX 5407.475 DY 2040.608
Class Normal DZ 5970.173 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.050

GPSQC1 NM Min SVs 6 PDOP max 0.5
Total GPS pos 36 HDOP max 0.2
Monitor status Yes VDOP max 0.5
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 502919.0 End wk 1061 sec 502956.0

GPSVEC TP Point ID 1752 DX 5402.039 DY 2043.745
Class Normal DZ 5971.177 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.021 V.pr 0.043

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 502979.0 End wk 1061 sec 502983.0

GPSVEC TP Point ID 1753 DX 5388.587 DY 2051.059
Class Normal DZ 5973.867 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.019 V.pr 0.039

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 8 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 503011.0 End wk 1061 sec 503018.0

GPSVEC TP Point ID 1754 DX 5371.908 DY 2060.264
Class Normal DZ 5977.113 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.021 V.pr 0.043

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 503036.0 End wk 1061 sec 503039.0

GPSVEC TP Point ID 1755 DX 5354.980 DY 2069.618
Class Normal DZ 5980.407 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.022 V.pr 0.046

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 503055.0 End wk 1061 sec 503058.0

GPSVEC TP Point ID 1756 DX 5337.010 DY 2079.422
Class Normal DZ 5983.961 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.018 V.pr 0.037

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 503081.0 End wk 1061 sec 503084.0

GPSVEC TP Point ID 1757 DX 5319.816 DY 2088.835
Class Normal DZ 5987.462 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.024 V.pr 0.050

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 503105.0 End wk 1061 sec 503110.0

GPSVEC TP Point ID 1758 DX 5302.351 DY 2098.270
Class Normal DZ 5990.792 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.017 V.pr 0.036

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 503128.0 End wk 1061 sec 503133.0

GPSVEC TP Point ID 1759 DX 5285.291 DY 2107.777
Class Normal DZ 5994.393 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.029 V.pr 0.061

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 503149.0 End wk 1061 sec 503153.0

GPSVEC TP Point ID 1760 DX 5267.907 DY 2117.286
Class Normal DZ 5997.653 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.021 V.pr 0.044

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 503172.0 End wk 1061 sec 503176.0

GPSVEC TP Point ID 1761 DX 5250.581 DY 2126.802
Class Normal DZ 6001.092 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.018 V.pr 0.039

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 503195.0 End wk 1061 sec 503201.0

GPSVEC TP Point ID 1762 DX 5233.425 DY 2136.229
Class Normal DZ 6004.443 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.016 V.pr 0.034

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 503216.0 End wk 1061 sec 503221.0

GPSVEC TP Point ID 1763 DX 5216.175 DY 2145.910
Class Normal DZ 6007.920 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.018 V.pr 0.039

GPSQC1 NM Min SVs 6 PDOP max 1.6
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 1.4
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 503239.0 End wk 1061 sec 503242.0

GPSVEC TP Point ID 1764 DX 5200.848 DY 2154.515
Class Normal DZ 6010.825 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.020 V.pr 0.042

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 503259.0 End wk 1061 sec 503262.0

GPSVEC TP Point ID 1765 DX 5189.261 DY 2161.043
Class Normal DZ 6012.818 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.016 V.pr 0.034

GPSQC1 NM Min SVs 6 PDOP max 1.6
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 1.4
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 503276.0 End wk 1061 sec 503278.0

GPSVEC TP Point ID 1766 DX 5178.351 DY 2166.880
Class Normal DZ 6015.200 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.020 V.pr 0.042

GPSQC1 NM Min SVs 6 PDOP max 1.6
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 1.4
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 503292.0 End wk 1061 sec 503294.0

GPSVEC TP Point ID 1767 DX 5164.485 DY 2174.377
Class Normal DZ 6017.941 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.021 V.pr 0.044

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 503310.0 End wk 1061 sec 503314.0

GPSVEC TP Point ID 1768 DX 5147.072 DY 2183.958
Class Normal DZ 6021.411 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.016 V.pr 0.034

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 503334.0 End wk 1061 sec 503337.0

GPSVEC TP Point ID 1769 DX 5129.683 DY 2193.481
Class Normal DZ 6024.743 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.024 V.pr 0.050

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 503354.0 End wk 1061 sec 503359.0

GPSVEC TP Point ID 1770 DX 5112.518 DY 2203.030
Class Normal DZ 6028.077 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.021 V.pr 0.044

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 503377.0 End wk 1061 sec 503381.0

GPSVEC TP Point ID 1771 DX 5094.987 DY 2213.055
Class Normal DZ 6031.382 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.023 V.pr 0.050

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 503401.0 End wk 1061 sec 503404.0

GPSVEC TP Point ID 1772 DX 5077.790 DY 2222.498
Class Normal DZ 6034.693 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.021 V.pr 0.044

GPSQC1 NM Min SVs 6 PDOP max 1.6
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 1.4
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 503419.0 End wk 1061 sec 503421.0

GPSVEC TP Point ID 1773 DX 5060.692 DY 2231.894
Class Normal DZ 6038.085 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.019 V.pr 0.041

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 503439.0 End wk 1061 sec 503442.0

GPSVEC TP Point ID 1774 DX 5043.446 DY 2241.239
Class Normal DZ 6041.628 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.020 V.pr 0.043

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 503458.0 End wk 1061 sec 503464.0

GPSVEC TP Point ID 1775 DX 5026.184 DY 2250.593
Class Normal DZ 6045.023 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.019 V.pr 0.040

GPSQC1 NM Min SVs 6 PDOP max 1.6
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 1.4
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 503479.0 End wk 1061 sec 503482.0

GPSVEC TP Point ID 1776 DX 5008.885 DY 2259.914
Class Normal DZ 6048.444 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.022 V.pr 0.047

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 503502.0 End wk 1061 sec 503506.0

GPSVEC TP Point ID 1777 DX 4991.619 DY 2269.471
Class Normal DZ 6051.906 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.019 V.pr 0.041

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 503524.0 End wk 1061 sec 503528.0

GPSVEC TP Point ID 1778 DX 4974.485 DY 2279.106
Class Normal DZ 6055.229 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.025 V.pr 0.052

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 503541.0 End wk 1061 sec 503545.0

GPSVEC TP Point ID 1779 DX 4957.120 DY 2288.759
Class Normal DZ 6058.623 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.025 V.pr 0.054

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 503565.0 End wk 1061 sec 503569.0

GPSVEC TP Point ID 1780 DX 4939.807 DY 2298.192
Class Normal DZ 6062.013 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.024 V.pr 0.052

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 503587.0 End wk 1061 sec 503593.0

GPSVEC TP Point ID 1781 DX 4922.531 DY 2307.601
Class Normal DZ 6065.479 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.022 V.pr 0.047

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 503609.0 End wk 1061 sec 503613.0

GPSVEC TP Point ID 1782 DX 4905.172 DY 2317.270
Class Normal DZ 6068.900 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.019 V.pr 0.041

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 503638.0 End wk 1061 sec 503642.0

GPSVEC TP Point ID 1783 DX 4887.949 DY 2326.788
Class Normal DZ 6072.162 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.022 V.pr 0.048

GPSQC1 NM Min SVs 6 PDOP max 0.8
Total GPS pos 11 HDOP max 0.3
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 503661.0 End wk 1061 sec 503675.0

GPSVEC TP Point ID 1784 DX 4870.623 DY 2336.313
Class Normal DZ 6075.620 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.021 V.pr 0.045

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 503693.0 End wk 1061 sec 503699.0

GPSVEC TP Point ID 1785 DX 4853.411 DY 2345.797
Class Normal DZ 6078.999 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.022 V.pr 0.046

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 503718.0 End wk 1061 sec 503724.0

GPSVEC TP Point ID 1786 DX 4836.161 DY 2355.185
Class Normal DZ 6082.399 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.029 V.pr 0.062

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 7 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 503744.0 End wk 1061 sec 503751.0

GPSVEC TP Point ID 1787 DX 4818.463 DY 2364.870
Class Normal DZ 6085.895 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.024 V.pr 0.052

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 503769.0 End wk 1061 sec 503774.0

GPSVEC TP Point ID 1788 DX 4801.302 DY 2374.279
Class Normal DZ 6089.111 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.030 V.pr 0.065

GPSQC1 NM Min SVs 6 PDOP max 0.9
Total GPS pos 9 HDOP max 0.4
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 503791.0 End wk 1061 sec 503800.0

GPSVEC TP Point ID 1789 DX 4784.327 DY 2383.819
Class Normal DZ 6092.551 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.027 V.pr 0.058

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 503820.0 End wk 1061 sec 503824.0

GPSVEC TP Point ID 1790 DX 4766.669 DY 2393.537
Class Normal DZ 6095.901 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.026 V.pr 0.056

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 503838.0 End wk 1061 sec 503842.0

NOTE TS Time Date 05/12/2000 Time 19:57:40

GPSVEC TP Point ID 1791 DX 4749.854 DY 2402.891
Class Normal DZ 6099.449 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.021 V.pr 0.045

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 503867.0 End wk 1061 sec 503871.0

GPSVEC TP Point ID 1792 DX 4732.639 DY 2412.271
Class Normal DZ 6102.657 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.025 V.pr 0.054

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 7 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 503888.0 End wk 1061 sec 503894.0

GPSVEC TP Point ID 1793 DX 4715.222 DY 2421.873
Class Normal DZ 6106.017 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.023 V.pr 0.049

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 503911.0 End wk 1061 sec 503916.0

GPSVEC TP Point ID 1794 DX 4697.568 DY 2431.729
Class Normal DZ 6109.374 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.021 V.pr 0.045

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 503931.0 End wk 1061 sec 503935.0

GPSVEC TP Point ID 1795 DX 4680.815 DY 2441.163
Class Normal DZ 6112.799 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.019 V.pr 0.042

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 503956.0 End wk 1061 sec 503965.0

GPSVEC TP Point ID 1796 DX 4663.583 DY 2450.545
Class Normal DZ 6116.181 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.020 V.pr 0.043

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 8 HDOP max 0.4
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 503982.0 End wk 1061 sec 503989.0

GPSVEC TP Point ID 1797 DX 4646.327 DY 2459.846
Class Normal DZ 6119.546 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.023 V.pr 0.049

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 504010.0 End wk 1061 sec 504014.0

GPSVEC TP Point ID 1798 DX 4628.969 DY 2469.344
Class Normal DZ 6123.056 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.021 V.pr 0.045

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 8 HDOP max 0.4
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 504032.0 End wk 1061 sec 504041.0

GPSVEC TP Point ID 1799 DX 4611.680 DY 2478.806
Class Normal DZ 6126.450 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.022 V.pr 0.048

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 504062.0 End wk 1061 sec 504067.0

GPSVEC TP Point ID 1800 DX 4594.497 DY 2488.241
Class Normal DZ 6129.749 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.024 V.pr 0.052

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 504086.0 End wk 1061 sec 504091.0

GPSVEC TP Point ID 1801 DX 4577.171 DY 2497.935
Class Normal DZ 6133.188 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.021 V.pr 0.045

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 504116.0 End wk 1061 sec 504121.0

GPSVEC TP Point ID 1802 DX 4559.907 DY 2507.360
Class Normal DZ 6136.405 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.023 V.pr 0.050

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 504136.0 End wk 1061 sec 504142.0

GPSVEC TP Point ID 1803 DX 4542.706 DY 2516.969
Class Normal DZ 6139.942 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.018 V.pr 0.039

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 504163.0 End wk 1061 sec 504167.0

GPSVEC TP Point ID 1804 DX 4525.384 DY 2526.600
Class Normal DZ 6143.298 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.028 V.pr 0.060

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 504201.0 End wk 1061 sec 504204.0

GPSVEC TP Point ID 1805 DX 4508.224 DY 2536.030
Class Normal DZ 6146.571 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.021 V.pr 0.046

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 504223.0 End wk 1061 sec 504227.0

GPSVEC TP Point ID 1806 DX 4491.022 DY 2545.773
Class Normal DZ 6150.049 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.024 V.pr 0.041

GPSQC1 NM Min SVs 7 PDOP max 0.7
Total GPS pos 9 HDOP max 0.4
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 504256.0 End wk 1061 sec 504267.0

GPSVEC TP Point ID 1807 DX 4474.069 DY 2555.097
Class Normal DZ 6153.248 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.031 V.pr 0.052

GPSQC1 NM Min SVs 7 PDOP max 0.7
Total GPS pos 11 HDOP max 0.4
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 504288.0 End wk 1061 sec 504298.0

GPSVEC TP Point ID 1808 DX 4466.126 DY 2559.220
Class Normal DZ 6154.916 Code TOP CNC GCS
Mthd Phase Diff. H.pr 0.027 V.pr 0.046

GPSQC1 NM Min SVs 7 PDOP max 0.7
Total GPS pos 13 HDOP max 0.3
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 504315.0 End wk 1061 sec 504327.0

GPSVEC TP Point ID 1809 DX 4460.602 DY 2561.354
Class Normal DZ 6156.377 Code TOE LEVEE
Mthd Phase Diff. H.pr 0.023 V.pr 0.038

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 10 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 504342.0 End wk 1061 sec 504351.0

INIT KI Init event Lost Week 1061
Init type On the fly seconds 504370.0
Init counter 1 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1061
Init type On the fly seconds 505001.0
Init counter 2 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

NOTE KI LINE. Name: 8, Code: , Method: Two points, Start pt: 160,

NOTE KI End pt: 136, Azimuth: 281.146°, Length: 10.850ft,

NOTE KI Grade: 40.138°

INIT KI Init event Lost Week 1061
Init type On the fly seconds 505216.0
Init counter 2 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

NOTE TS Time Date 05/12/2000 Time 20:29:16

INIT KI Init event Gained Week 1061
Init type On the fly seconds 505768.0
Init counter 3 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Lost(RMS) Week 1061
Init type On the fly seconds 505969.0
Init counter 3 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1061
Init type On the fly seconds 506158.0
Init counter 4 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Lost(RMS) Week 1061
Init type On the fly seconds 506283.0
Init counter 4 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

SURVEY KI Elev mask 10 PDOP mask 6.0

EQUIP BA Receiver 4800 Serial no 20141803
Antenna 4800 Internal
Method Reading from hook using 4800 tape
Tape adj 0.000 Serial no <no text>
Radius 0.358 V.Const 0.104

SURVEY EVENTKISurvey event Base survey started

NOTE TS Time Date 05/13/2000 Time 18:52:01

EQUIP BA Receiver 4800 Serial no 20141803
Antenna 4800 Internal
Method Reading from hook using 4800 tape
Tape adj 0.000 Serial no <no text>
Radius 0.358 V.Const 0.104

GPSANT KI Antenna ht 5.217 Measuremt Uncorrected

EQUIP BA Receiver 4800 Serial no 20141803
Antenna 4800 Internal
Method Reading from hook using 4800 tape
Tape adj 0.000 Serial no <no text>
Radius 0.358 V.Const 0.104

GPSANT KI Antenna ht 5.217 Measuremt Uncorrected

EQUIP BA Receiver 4800 Serial no 20141803
Antenna 4800 Internal
Method Reading from hook using 4800 tape
Tape adj 0.000 Serial no <no text>
Radius 0.358 V.Const 0.104

GPSANT KI Antenna ht 5.217 Measuremt Uncorrected

GPSREF KI Reference BAS2

EQUIP NM Receiver 4800 Serial no 20152374
Antenna 4800 Internal
Method Measured to bottom of antenna mount
Tape adj 0.000 Serial no <no text>
Radius 0.000 V.Const 0.511

SURVEY EVENTKISurvey event Rover survey started

NOTE TS Time Date 05/13/2000 Time 18:52:36

SURVEY KI Elev mask 10 PDOP mask 6.0

EQUIP NM Receiver 4800 Serial no 20152374
Antenna 4800 Internal
Method Measured to bottom of antenna mount
Tape adj 0.000 Serial no <no text>
Radius 0.000 V.Const 0.511

SURVEY EVENTKISurvey event Rover survey started

NOTE TS Time Date 05/13/2000 Time 18:53:00

GPSANT KI Antenna ht 5.308 Measuremt True

GPSREF KI Reference BAS2

EQUIP NM Receiver 4800 Serial no 20152374
Antenna 4800 Internal
Method Measured to bottom of antenna mount
Tape adj 0.000 Serial no <no text>
Radius 0.000 V.Const 0.511

GPSANT KI Antenna ht 5.906 Measuremt Uncorrected

INIT KI Init event Gained Week 1061
Init type On the fly seconds 586445.0
Init counter 1 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Lost Week 1061
Init type On the fly seconds 586454.0
Init counter 1 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1061
Init type On the fly seconds 586928.0
Init counter 2 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

NOTE KI LINE. Name: 9, Code: , Method: Two points, Start pt: 157,

NOTE KI End pt: 138, Azimuth: 130.036°, Length: 11.220ft,

NOTE KI Grade: 39.726°

GPSVEC TP Point ID 1810 DX -3881.447 DY -1453.090
Class Normal DZ -4281.036 Code TOP LEVEE
Mthd Phase Diff. H.pr 0.020 V.pr 0.035

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 7 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 587258.0 End wk 1061 sec 587264.0

INIT KI Init event Lost Week 1061
Init type On the fly seconds 587274.0
Init counter 2 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1061
Init type On the fly seconds 587787.0
Init counter 3 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 1811 DX -3884.339 DY -1435.004
Class Normal DZ -4281.784 Code TOE LEVEE
Mthd Phase Diff. H.pr 0.020 V.pr 0.037

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 9 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 587857.0 End wk 1061 sec 587865.0

INIT KI Init event Lost Week 1061
Init type On the fly seconds 587870.0
Init counter 3 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1061
Init type On the fly seconds 587897.0
Init counter 4 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 1812 DX -3887.494 DY -1431.646
Class Normal DZ -4278.744 Code GRD
Mthd Phase Diff. H.pr 0.033 V.pr 0.061

GPSQC1 NM Min SVs 6 PDOP max 0.9
Total GPS pos 11 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 587919.0 End wk 1061 sec 587929.0

GPSVEC TP Point ID 1813 DX -3888.925 DY -1427.581
Class Normal DZ -4277.120 Code GRD
Mthd Phase Diff. H.pr 0.031 V.pr 0.058

GPSQC1 NM Min SVs 6 PDOP max 0.8
Total GPS pos 13 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 587943.0 End wk 1061 sec 587955.0

GPSVEC TP Point ID 1814 DX -3891.268 DY -1426.389
Class Normal DZ -4275.612 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.047

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 7 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 587989.0 End wk 1061 sec 587995.0

GPSVEC TP Point ID 1815 DX -3892.545 DY -1424.679
Class Normal DZ -4274.409 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.049

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 7 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 588003.0 End wk 1061 sec 588010.0

GPSVEC TP Point ID 1816 DX -3896.587 DY -1421.353
Class Normal DZ -4270.338 Code GRD
Mthd Phase Diff. H.pr 0.029 V.pr 0.055

GPSQC1 NM Min SVs 6 PDOP max 0.9
Total GPS pos 10 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 588027.0 End wk 1061 sec 588036.0

GPSVEC TP Point ID 1817 DX -3906.022 DY -1411.975
Class Normal DZ -4261.598 Code GRD
Mthd Phase Diff. H.pr 0.028 V.pr 0.053

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 4 HDOP max 0.7
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 588071.0 End wk 1061 sec 588074.0

NOTE TS Time Date 05/13/2000 Time 19:21:42

GPSVEC TP Point ID 1818 DX -3917.393 DY -1399.443
Class Normal DZ -4251.002 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.046

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 588110.0 End wk 1061 sec 588115.0

GPSVEC TP Point ID 1819 DX -3928.891 DY -1387.055
Class Normal DZ -4240.486 Code GRD
Mthd Phase Diff. H.pr 0.034 V.pr 0.065

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 9 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 588147.0 End wk 1061 sec 588156.0

GPSVEC TP Point ID 1820 DX -3938.551 DY -1376.351
Class Normal DZ -4231.752 Code GRD
Mthd Phase Diff. H.pr 0.016 V.pr 0.031

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 6 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 588178.0 End wk 1061 sec 588183.0

GPSVEC TP Point ID 1821 DX -3945.881 DY -1375.375
Class Normal DZ -4223.213 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.041

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 9 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 588212.0 End wk 1061 sec 588220.0

GPSVEC TP Point ID 1822 DX -3948.451 DY -1368.295
Class Normal DZ -4222.412 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.047

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 588240.0 End wk 1061 sec 588246.0

GPSVEC TP Point ID 1823 DX -3951.311 DY -1364.537
Class Normal DZ -4219.830 Code GRD
Mthd Phase Diff. H.pr 0.032 V.pr 0.062

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 588262.0 End wk 1061 sec 588268.0

GPSVEC TP Point ID 1824 DX -3952.235 DY -1361.752
Class Normal DZ -4219.023 Code GRD
Mthd Phase Diff. H.pr 0.017 V.pr 0.033

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 9 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 588283.0 End wk 1061 sec 588291.0

GPSVEC TP Point ID 1825 DX -3963.707 DY -1349.313
Class Normal DZ -4208.309 Code GRD
Mthd Phase Diff. H.pr 0.019 V.pr 0.037

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 8 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 588309.0 End wk 1061 sec 588316.0

GPSVEC TP Point ID 1826 DX -3974.572 DY -1337.122
Class Normal DZ -4198.395 Code GRD
Mthd Phase Diff. H.pr 0.019 V.pr 0.037

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 6 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 588335.0 End wk 1061 sec 588340.0

GPSVEC TP Point ID 1827 DX -3979.530 DY -1331.379
Class Normal DZ -4193.862 Code GRD
Mthd Phase Diff. H.pr 0.028 V.pr 0.054

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 6 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 588355.0 End wk 1061 sec 588360.0

GPSVEC TP Point ID 1828 DX -3981.992 DY -1330.862
Class Normal DZ -4191.328 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.044

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 7 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 588384.0 End wk 1061 sec 588391.0

GPSVEC TP Point ID 1829 DX -3992.037 DY -1326.679
Class Normal DZ -4180.266 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.051

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 10 HDOP max 0.4
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 588428.0 End wk 1061 sec 588437.0

GPSVEC TP Point ID 1830 DX -3997.863 DY -1313.259
Class Normal DZ -4176.412 Code GRD
Mthd Phase Diff. H.pr 0.029 V.pr 0.057

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 588457.0 End wk 1061 sec 588461.0

GPSVEC TP Point ID 1831 DX -4009.711 DY -1300.451
Class Normal DZ -4165.812 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.045

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 9 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 588491.0 End wk 1061 sec 588499.0

GPSVEC TP Point ID 1832 DX -4021.309 DY -1288.522
Class Normal DZ -4154.999 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.051

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 588528.0 End wk 1061 sec 588533.0

GPSVEC TP Point ID 1833 DX -4030.224 DY -1279.778
Class Normal DZ -4146.126 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.051

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 8 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 588550.0 End wk 1061 sec 588558.0

GPSVEC TP Point ID 1834 DX -4032.207 DY -1276.624
Class Normal DZ -4144.900 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.053

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 588573.0 End wk 1061 sec 588577.0

GPSVEC TP Point ID 1835 DX -4044.500 DY -1263.670
Class Normal DZ -4133.417 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.051

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 8 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 588602.0 End wk 1061 sec 588610.0

GPSVEC TP Point ID 1836 DX -4055.991 DY -1251.508
Class Normal DZ -4122.577 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.052

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 588655.0 End wk 1061 sec 588660.0

INIT KI Init event Lost Week 1061
Init type On the fly seconds 588667.0
Init counter 4 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1061
Init type On the fly seconds 589366.0
Init counter 5 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 1837 DX -5191.008 DY -710.211
Class Normal DZ -4018.606 Code TOE LEVEE
Mthd Phase Diff. H.pr 0.023 V.pr 0.037

GPSQC1 NM Min SVs 5 PDOP max 1.3
Total GPS pos 7 HDOP max 0.7
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 589387.0 End wk 1061 sec 589393.0

```
INIT   KI  Init event   Lost            Week        1061
        Init type    On the fly       seconds      589398.0
        Init counter  5               Point ID     <no text>
        Survey type   Real Time         Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

INIT   KI  Init event   Gained          Week        1061
        Init type    On the fly       seconds      589444.0
        Init counter  6               Point ID     <no text>
        Survey type   Real Time         Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

GPSVEC  TP  Point ID 1838      DX  -5187.591       DY  -711.499
        Class Normal        DZ  -4019.497       Code GRD
        Mthd Phase Diff.    H.pr 0.031          V.pr 0.051

GPSQC1  NM  Min SVs      5              PDOP max  1.3
        Total GPS pos  6              HDOP max  0.7
        Monitor status Yes            VDOP max  1.1
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1061 sec 589464.0       End wk 1061   sec 589469.0

GPSVEC  TP  Point ID 1839      DX  -5173.329       DY  -718.609
        Class Normal        DZ  -4022.359       Code GRD
        Mthd Phase Diff.    H.pr 0.031          V.pr 0.051

GPSQC1  NM  Min SVs      5              PDOP max  1.3
        Total GPS pos  7              HDOP max  0.6
        Monitor status Yes            VDOP max  1.1
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1061 sec 589495.0       End wk 1061   sec 589501.0

GPSVEC  TP  Point ID 1840      DX  -5165.463       DY  -723.496
        Class Normal        DZ  -4023.778       Code GRD
        Mthd Phase Diff.    H.pr 0.031          V.pr 0.052

GPSQC1  NM  Min SVs      5              PDOP max  1.6
        Total GPS pos  4              HDOP max  0.8
        Monitor status Yes            VDOP max  1.4
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1061 sec 589515.0       End wk 1061   sec 589518.0

GPSVEC  TP  Point ID 1841      DX  -5158.496       DY  -727.145
        Class Normal        DZ  -4024.959       Code GRD
        Mthd Phase Diff.    H.pr 0.026          V.pr 0.043
```

GPSQC1 NM Min SVs 5 PDOP max 1.0
Total GPS pos 10 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 589561.0 End wk 1061 sec 589571.0

GPSVEC TP Point ID 1842 DX -5141.695 DY -736.076
Class Normal DZ -4028.012 Code GRD
Mthd Phase Diff. H.pr 0.029 V.pr 0.049

GPSQC1 NM Min SVs 5 PDOP max 1.2
Total GPS pos 7 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 589606.0 End wk 1061 sec 589612.0

GPSVEC TP Point ID 1843 DX -5124.420 DY -745.728
Class Normal DZ -4030.841 Code GRD
Mthd Phase Diff. H.pr 0.032 V.pr 0.055

GPSQC1 NM Min SVs 5 PDOP max 1.2
Total GPS pos 8 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 589638.0 End wk 1061 sec 589645.0

GPSVEC TP Point ID 1844 DX -5108.418 DY -754.593
Class Normal DZ -4033.774 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.046

GPSQC1 NM Min SVs 5 PDOP max 1.4
Total GPS pos 5 HDOP max 0.7
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 589673.0 End wk 1061 sec 589677.0

GPSVEC TP Point ID 1845 DX -5089.239 DY -765.020
Class Normal DZ -4037.466 Code GRD
Mthd Phase Diff. H.pr 0.029 V.pr 0.049

GPSQC1 NM Min SVs 5 PDOP max 1.4
Total GPS pos 4 HDOP max 0.7
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 589708.0 End wk 1061 sec 589712.0

GPSVEC TP Point ID 1846 DX -5072.570 DY -773.936
Class Normal DZ -4040.220 Code GRD
Mthd Phase Diff. H.pr 0.030 V.pr 0.051

GPSQC1 NM Min SVs 5 PDOP max 1.2
Total GPS pos 8 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 589735.0 End wk 1061 sec 589742.0

GPSVEC TP Point ID 1847 DX -5054.748 DY -783.394
Class Normal DZ -4043.777 Code GRD
Mthd Phase Diff. H.pr 0.020 V.pr 0.043

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 589771.0 End wk 1061 sec 589777.0

GPSVEC TP Point ID 1848 DX -5037.529 DY -792.619
Class Normal DZ -4046.814 Code GRD
Mthd Phase Diff. H.pr 0.029 V.pr 0.062

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 8 HDOP max 0.4
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 589800.0 End wk 1061 sec 589808.0

GPSVEC TP Point ID 1849 DX -5020.202 DY -802.220
Class Normal DZ -4049.885 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.051

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 7 HDOP max 0.4
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 589833.0 End wk 1061 sec 589840.0

GPSVEC TP Point ID 1850 DX -5002.958 DY -811.724
Class Normal DZ -4052.956 Code GRD
Mthd Phase Diff. H.pr 0.019 V.pr 0.041

GPSQC1 NM Min SVs 6 PDOP max 0.9
Total GPS pos 10 HDOP max 0.4
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 589868.0 End wk 1061 sec 589877.0

GPSVEC TP Point ID 1851 DX -4985.521 DY -821.344
Class Normal DZ -4056.093 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.047

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 9 HDOP max 0.4
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 589903.0 End wk 1061 sec 589914.0

NOTE TS Time Date 05/13/2000 Time 19:52:27

GPSVEC TP Point ID 1852 DX -4968.295 DY -830.736
Class Normal DZ -4059.174 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.058

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 7 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 589954.0 End wk 1061 sec 589960.0

GPSVEC TP Point ID 1853 DX -4950.489 DY -840.258
Class Normal DZ -4062.158 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.047

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 7 HDOP max 0.4
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 589989.0 End wk 1061 sec 589995.0

GPSVEC TP Point ID 1854 DX -4933.352 DY -849.850
Class Normal DZ -4065.580 Code GRD
Mthd Phase Diff. H.pr 0.020 V.pr 0.043

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1061 sec 590032.0 End wk 1061 sec 590036.0

INIT KI Init event Lost Week 1061
Init type On the fly seconds 590052.0
Init counter 6 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

Final Coordinate List
(Arizona State Plane, Central Zone,
NAD83 and NAVD88 Datums)
For the
Land Subsidence Evaluation of the Upper Agua Fria
Levees
FCD Contract No. 99-067, Assignment 1
Tasks 1 and portions of Tasks 4 and 5
(Lower Buckeye Road to Indian School Road)

Surveyed By;
SurvNet, Inc.
150 N. Stapley #105
Mesa, AZ 85203
(480)835-9070

Provided for:
Premier Engineering Corporation
1600 W. Broadway Rd. #165
Tempe, AZ 85282
(480)829-6000

1000

Name	Northing	Easting	Elevation
BAS1	894110.063	573558.368	987.915
BAS2	912547.158	582390.448	1032.144
BAS3	941481.423	594595.629	1130.594
BED1	928264.060	517921.993	1516.960
E475	979343.979	613661.958	1364.187
LITC	917127.275	564284.523	1121.263
LITE	882467.391	578528.514	983.237
NORT	928515.556	596852.569	1097.972
Q366	991733.774	569967.026	1392.562
WW55	878429.838	559394.227	933.650

IN FEET

CONVERT TO METERS

Name:	Northing	Easting	Elevation	Description
301	886701.014	573816.568	971.118	10+00E R3
302	886679.312	572676.014	971.333	10+00W R3
303	887983.432	572670.593	974.995	22+90W R3
304	887983.130	573804.746	974.333	22+90E R3
305	893628.919	573499.369	988.013	97+06E R3
306	893836.512	572086.279	990.057	90+09W R2
307	896715.075	570610.227	996.034	ERM 9
308	896580.628	575903.306	979.715	ERM 10
309	896846.569	575327.310	994.668	135+00E R2
310	901242.774	577830.897	1005.156	184+00E R2
311	901476.740	576724.817	1005.060	184+00W R2
312	897186.219	574127.707	993.194	130+00W R2
313	907217.571	575901.202	1018.076	ERM 12
314	907766.311	577826.059	1017.197	60+00W R1
315	907433.273	579333.319	1017.664	57+00E R1
316	894898.959	581188.206	1020.957	4CA4
317	880855.465	567113.410	958.933	4BB1
318	904907.522	566475.503	1015.214	4DB1
319	928297.116	573150.109	1080.434	BM 1
320	925620.968	575851.492	1077.746	BM 2
321	928136.967	582098.758	1067.227	1EA1
322	907440.495	579324.711	1008.331	SG 57+00E R1
323	907764.208	577836.700	1008.046	SG 60+00W R1
324	943398.033	597120.549	1137.795	1FB1
325	960917.866	611320.770	1229.249	1GC1
326	893628.645	573486.233	976.075	SG 97+06E R2
327	887983.180	573792.600	964.220	SG 22+90E R3
328	886699.067	573803.845	960.413	SG 10+00E R3
329	886678.264	572687.854	960.263	SG 10+00W R3
330	887983.452	572682.981	964.488	SG 22+90W R3
331	901473.841	576735.608	995.725	SG 184+00W R2
332	897177.269	574137.836	983.275	SG 130+00W R2
333	896853.342	575319.633	984.802	SG 135+00E R2
334	901245.481	577819.507	995.121	SG 184+00E R2
335	893836.001	572100.314	976.571	SG 90+09W R2

Name	Northing	Easting	Elevation	Description
1001	886698.927	573801.672	957.614	TOE LEVEE
1002	886698.408	573799.344	957.369	E/CNC
1003	886697.612	573793.605	955.711	GRD
1004	886696.161	573784.448	955.513	GRD
1005	886695.505	573779.759	955.905	GRD
1006	886693.073	573764.605	955.999	GRD
1007	886692.180	573759.258	955.692	GRD
1008	886690.425	573748.059	956.097	GRD
1009	886688.050	573731.502	955.558	GRD
1010	886685.700	573717.369	955.883	GRD
1011	886683.909	573704.706	955.859	GRD
1012	886680.969	573685.460	955.800	GRD
1013	886678.007	573665.858	955.709	GRD
1014	886674.693	573645.732	955.714	GRD
1015	886671.710	573625.950	955.639	GRD
1016	886668.581	573606.186	955.585	GRD
1017	886666.143	573590.377	955.879	GRD
1018	886664.619	573579.825	955.609	GRD
1019	886662.521	573567.303	955.687	GRD
1020	886659.498	573546.998	955.785	GRD
1021	886656.374	573526.862	955.659	GRD
1022	886653.338	573507.312	955.698	GRD
1023	886700.560	573815.302	971.013	TOP LEVEE
1024	887982.933	573803.272	974.361	TOP LEVEE
1025	886679.259	572677.153	971.353	TOP LEVEE
1026	887983.404	572672.112	974.888	TOP LEVEE
1027	886677.690	572691.066	956.582	TOE LEVEE
1028	886676.249	572707.161	955.798	GRD
1029	886675.990	572714.554	956.234	GRD
1030	886674.922	572727.699	955.936	GRD
1031	886673.234	572747.416	956.257	GRD
1032	886671.425	572767.999	955.965	GRD
1033	886669.686	572787.359	955.848	GRD
1034	886668.006	572807.748	955.820	GRD
1035	886666.346	572828.184	955.730	GRD
1036	886665.030	572842.234	955.738	GRD
1037	886663.872	572854.981	955.383	GRD
1038	886662.547	572870.883	955.884	GRD
1039	886661.088	572888.676	955.652	GRD
1040	886659.418	572907.919	955.466	GRD
1041	886657.946	572926.828	955.659	GRD
1042	886656.110	572946.463	955.533	GRD
1043	886654.413	572966.460	955.476	GRD
1044	886652.549	572986.868	955.420	GRD
1045	887983.110	573789.820	960.559	TOE LEVEE
1046	887983.105	573787.520	960.078	TOP CNC GCS
1047	887983.209	573768.544	959.928	TOP CNC GCS
1048	887983.136	573747.098	959.758	TOP CNC GCS
1049	887983.060	573724.626	959.871	TOP CNC GCS
1050	887983.250	573704.934	959.814	TOP CNC GCS
1051	887983.259	573684.645	959.548	TOP CNC GCS
1052	887983.127	573664.628	959.708	TOP CNC GCS
1053	887983.186	573644.668	959.866	TOP CNC GCS
1054	887983.207	573624.627	959.846	TOP CNC GCS
1055	887983.177	573604.479	959.990	TOP CNC GCS

1056	887983.186	573584.218	960.080	TOP CNC GCS
1057	887983.259	573564.537	960.214	TOP CNC GCS
1058	887983.177	573544.694	960.269	TOP CNC GCS
1059	887983.060	573524.782	960.317	TOP CNC GCS
1060	887983.225	573504.588	960.317	TOP CNC GCS
1061	887983.217	573484.846	960.256	TOP CNC GCS
1062	887983.247	573464.750	960.313	TOP CNC GCS
1063	887983.162	573444.690	960.363	TOP CNC GCS
1064	887983.135	573424.854	960.313	TOP CNC GCS
1065	887983.237	573404.734	960.346	TOP CNC GCS
1066	887983.247	573384.699	960.373	TOP CNC GCS
1067	887983.256	573364.583	960.395	TOP CNC GCS
1068	887983.312	573344.761	960.423	TOP CNC GCS
1069	887983.186	573324.437	960.210	TOP CNC GCS
1070	887983.261	573304.789	960.479	TOP CNC GCS
1071	887983.279	573284.641	960.352	TOP CNC GCS
1072	887983.303	573264.509	960.191	TOP CNC GCS
1073	887983.262	573244.779	960.230	TOP CNC GCS
1074	887983.334	573224.677	960.214	TOP CNC GCS
1075	887983.294	573204.255	960.149	TOP CNC GCS
1076	887983.311	573184.816	960.113	TOP CNC GCS
1077	887983.359	573164.866	960.144	TOP CNC GCS
1078	887983.303	573144.695	960.283	TOP CNC GCS
1079	887983.280	573124.712	960.386	TOP CNC GCS
1080	887983.353	573104.576	960.386	TOP CNC GCS
1081	887983.335	573084.720	960.392	TOP CNC GCS
1082	887983.273	573064.814	960.435	TOP CNC GCS
1083	887983.314	573044.668	960.352	TOP CNC GCS
1084	887983.298	573024.490	960.245	TOP CNC GCS
1085	887983.399	573004.560	960.311	TOP CNC GCS
1086	887983.346	572984.673	960.355	TOP CNC GCS
1087	887983.378	572964.876	960.342	TOP CNC GCS
1088	887983.324	572944.721	960.381	TOP CNC GCS
1089	887983.341	572924.538	960.412	TOP CNC GCS
1090	887983.349	572904.820	960.368	TOP CNC GCS
1091	887983.323	572884.830	960.408	TOP CNC GCS
1092	887983.396	572864.566	960.279	TOP CNC GCS
1093	887983.357	572844.701	960.183	TOP CNC GCS
1094	887983.412	572824.666	960.102	TOP CNC GCS
1095	887983.362	572804.813	959.935	TOP CNC GCS
1096	887983.491	572784.871	959.903	TOP CNC GCS
1097	887983.421	572764.742	960.011	TOP CNC GCS
1098	887983.367	572744.791	959.958	TOP CNC GCS
1099	887983.395	572724.700	960.000	TOP CNC GCS
1100	887983.509	572704.620	959.976	TOP CNC GCS
1101	887983.524	572692.141	959.914	TOP CNC GCS
1102	887983.511	572687.712	960.190	TOE LEVEE
1103	887953.186	572688.153	958.868	TOE LEVEE
1104	887953.001	572695.876	957.214	GRD
1105	887953.559	572712.481	957.844	GRD
1106	887953.618	572726.009	957.671	GRD
1107	887953.537	572729.609	957.015	GRD
1108	887953.503	572733.361	956.910	GRD
1109	887953.524	572735.486	957.951	GRD
1110	887953.337	572741.151	957.812	GRD
1111	887953.233	572742.613	957.053	GRD
1112	887953.618	572753.757	957.207	GRD

1113	887953.247	572757.294	957.581	GRD
1114	887953.273	572758.744	957.101	GRD
1115	887953.449	572764.050	956.732	GRD
1116	887953.381	572764.705	957.789	GRD
1117	887953.298	572768.199	957.905	GRD
1118	887953.167	572768.755	956.673	GRD
1119	887953.213	572779.336	956.992	GRD
1120	887953.016	572781.506	958.184	GRD
1121	887953.635	572791.248	958.048	GRD
1122	887953.120	572795.334	956.666	GRD
1123	887953.113	572799.745	958.032	GRD
1124	887952.876	572801.586	957.219	GRD
1125	887953.567	572807.854	956.947	GRD
1126	887953.384	572812.917	957.263	GRD
1127	887953.175	572814.758	958.408	GRD
1128	887952.981	572835.015	958.400	GRD
1129	887953.567	572850.685	958.593	GRD
1130	887953.151	572864.302	958.422	GRD
1131	887953.381	572867.995	957.850	GRD
1132	887953.327	572873.147	958.366	GRD
1133	887953.771	572880.561	958.408	GRD
1134	887953.220	572887.791	958.369	GRD
1135	887953.552	572889.244	957.940	GRD
1136	887953.557	572891.227	958.602	GRD
1137	887953.575	572900.740	958.733	GRD
1138	887953.324	572904.312	957.639	GRD
1139	887953.165	572906.124	958.513	GRD
1140	887953.474	572910.889	958.500	GRD
1141	887953.421	572912.780	957.450	GRD
1142	887953.116	572917.565	957.212	GRD
1143	887953.226	572919.074	958.000	GRD
1144	887953.327	572931.444	958.603	GRD
1145	887953.466	572947.564	958.687	GRD
1146	887953.382	572964.820	958.644	GRD
1147	887953.174	572967.002	957.175	GRD
1148	887953.400	572976.975	956.885	GRD
1149	887953.130	572982.170	958.856	GRD
1150	887953.259	572993.455	958.551	GRD
1151	887953.508	572998.711	957.787	GRD
1152	887953.259	573010.250	957.452	GRD
1153	887953.100	573019.583	957.981	GRD
1154	887953.394	573021.568	959.266	GRD
1155	887953.968	573028.478	959.535	GRD
1156	887953.582	573029.755	957.941	GRD
1157	887953.268	573035.938	957.441	GRD
1158	887953.360	573042.459	958.537	GRD
1159	887953.333	573053.895	959.014	GRD
1160	887953.096	573055.895	957.710	GRD
1161	887953.295	573060.924	957.113	GRD
1162	887953.306	573065.376	958.808	GRD
1163	887953.565	573078.333	958.551	GRD
1164	887953.329	573089.469	957.056	GRD
1165	887953.031	573095.493	957.437	GRD
1166	887953.382	573107.111	957.585	GRD
1167	887952.955	573108.163	958.825	GRD
1168	887953.292	573125.902	959.005	GRD
1169	887953.184	573142.417	959.034	GRD

1170	887953.124	573144.484	957.291	GRD
1171	887953.452	573148.514	956.967	GRD
1172	887953.247	573154.726	957.746	GRD
1173	887953.245	573157.334	958.661	GRD
1174	887953.087	573164.564	958.497	GRD
1175	887952.961	573166.914	957.388	GRD
1176	887953.004	573171.967	957.384	GRD
1177	887953.715	573177.735	957.778	GRD
1178	887953.187	573182.758	957.119	GRD
1179	887953.392	573190.643	957.327	GRD
1180	887953.225	573199.350	957.719	GRD
1181	887953.118	573202.713	958.542	GRD
1182	887953.426	573214.767	959.381	GRD
1183	887953.147	573225.943	959.417	GRD
1184	887953.131	573226.778	957.142	GRD
1185	887953.513	573237.733	957.337	GRD
1186	887952.939	573240.834	956.312	GRD
1187	887953.379	573249.528	956.909	GRD
1188	887953.635	573255.940	956.682	GRD
1189	887953.218	573261.098	958.798	GRD
1190	887953.276	573275.559	959.167	GRD
1191	887953.193	573289.938	959.249	GRD
1192	887952.811	573292.979	957.712	GRD
1193	887953.170	573302.416	958.316	GRD
1194	887953.555	573304.737	959.061	GRD
1195	887953.475	573312.057	959.278	GRD
1196	887953.457	573319.208	959.123	GRD
1197	887953.475	573319.616	958.155	GRD
1198	887953.573	573325.184	958.067	GRD
1199	887953.122	573325.531	959.084	GRD
1200	887953.105	573329.165	959.052	GRD
1201	887953.279	573333.056	956.981	GRD
1202	887953.325	573343.274	958.185	GRD
1203	887953.227	573350.189	957.526	GRD
1204	887952.588	573355.534	957.065	GRD
1205	887953.092	573357.012	958.639	GRD
1206	887952.707	573370.608	958.611	GRD
1207	887953.197	573380.542	958.900	GRD
1208	887953.568	573382.177	957.189	GRD
1209	887953.161	573392.167	958.392	GRD
1210	887952.907	573395.336	958.362	GRD
1211	887953.044	573396.351	959.328	GRD
1212	887953.376	573400.515	958.717	GRD
1213	887953.424	573401.606	957.972	GRD
1214	887953.257	573406.366	958.036	GRD
1215	887953.410	573408.851	958.947	GRD
1216	887952.809	573414.432	958.913	GRD
1217	887953.216	573419.538	957.538	GRD
1218	887953.009	573425.064	958.900	GRD
1219	887953.017	573428.369	958.658	GRD
1220	887952.805	573430.920	957.588	GRD
1221	887953.509	573435.640	957.223	GRD
1222	887952.942	573439.757	957.551	GRD
1223	887953.331	573440.469	958.799	GRD
1224	887953.162	573445.408	958.512	GRD
1225	887953.765	573455.857	959.025	GRD
1226	887952.801	573465.401	958.469	GRD

1227	887953.178	573467.045	957.421	GRD
1228	887953.488	573476.480	957.213	GRD
1229	887953.130	573483.629	957.558	GRD
1230	887952.951	573485.337	959.304	GRD
1231	887953.465	573492.161	958.860	GRD
1232	887953.334	573494.735	959.406	GRD
1233	887953.393	573509.225	959.445	GRD
1234	887952.593	573522.860	959.128	GRD
1235	887952.933	573523.333	958.408	GRD
1236	887953.229	573532.829	957.514	GRD
1237	887953.370	573537.707	957.162	GRD
1238	887953.172	573543.585	957.836	GRD
1239	887953.474	573547.878	957.874	GRD
1240	887953.588	573549.718	959.007	GRD
1241	887952.975	573560.861	958.584	GRD
1242	887953.305	573568.392	957.157	GRD
1243	887953.564	573573.768	957.971	GRD
1244	887952.976	573578.968	957.526	GRD
1245	887953.519	573584.758	957.951	GRD
1246	887954.042	573589.867	958.606	GRD
1247	887953.393	573598.173	957.784	GRD
1248	887953.112	573602.617	958.515	GRD
1249	887953.357	573620.213	958.422	GRD
1250	887953.084	573622.191	957.228	GRD
1251	887953.358	573632.158	956.287	GRD
1252	887953.345	573645.065	956.840	GRD
1253	887953.148	573661.570	957.666	GRD
1254	887953.254	573679.854	956.791	GRD
1255	887952.682	573688.060	955.793	GRD
1256	887953.369	573693.386	956.423	GRD
1257	887953.095	573703.553	956.773	GRD
1258	887952.892	573713.493	958.456	GRD
1259	887953.626	573722.434	958.746	GRD
1260	887952.787	573728.380	958.694	GRD
1261	887952.826	573732.391	957.022	GRD
1262	887952.722	573735.446	956.673	GRD
1263	887952.952	573743.008	957.180	GRD
1264	887952.840	573754.424	957.322	GRD
1265	887953.110	573759.391	957.322	GRD
1266	887953.004	573761.032	957.912	GRD
1267	887953.252	573768.701	957.454	GRD
1268	887952.929	573776.864	957.583	GRD
1269	887953.485	573782.698	958.436	GRD
1270	887953.264	573786.819	957.865	TOE LEVEE
1271	893836.413	572088.001	990.155	TOP LEVEE
1272	893601.021	573482.660	971.500	TOE LEVEE
1273	893601.258	573479.830	970.789	GRD
1274	893604.093	573460.646	970.762	GRD
1275	893606.818	573442.649	971.235	GRD
1276	893607.179	573439.283	970.481	GRD
1277	893608.592	573434.676	971.070	GRD
1278	893608.903	573430.101	969.851	GRD
1279	893609.899	573424.656	970.284	GRD
1280	893610.075	573422.445	971.377	GRD
1281	893611.894	573410.007	971.454	GRD
1282	893612.683	573399.897	970.964	GRD
1283	893613.556	573396.554	969.914	GRD

1284	893614.403	573394.222	971.227	GRD
1285	893616.235	573378.212	971.148	GRD
1286	893618.888	573361.539	970.793	GRD
1287	893619.626	573357.958	970.158	GRD
1288	893620.107	573352.552	969.797	GRD
1289	893620.671	573350.500	970.525	GRD
1290	893621.363	573344.430	969.950	GRD
1291	893622.351	573336.322	970.001	GRD
1292	893623.394	573330.768	969.542	GRD
1293	893624.244	573324.527	969.919	GRD
1294	893626.644	573306.648	970.113	GRD
1295	893627.074	573303.678	969.411	GRD
1296	893627.752	573300.204	970.065	GRD
1297	893628.374	573297.176	969.964	GRD
1298	893628.766	573295.112	970.758	GRD
1299	893630.247	573284.601	971.146	GRD
1300	893630.990	573281.301	969.386	GRD
1301	893632.684	573267.592	969.956	GRD
1302	893634.749	573252.271	969.937	GRD
1303	893637.044	573236.607	969.702	GRD
1304	893638.354	573227.364	969.617	GRD
1305	893639.120	573223.715	970.915	GRD
1306	893640.613	573210.907	971.000	GRD
1307	893642.591	573198.864	970.574	GRD
1308	893642.739	573197.684	968.977	GRD
1309	893643.247	573194.852	968.077	GRD
1310	893643.791	573190.372	967.964	GRD
1311	893644.514	573185.848	969.440	GRD
1312	893645.784	573178.031	970.102	GRD
1313	893646.386	573172.852	970.154	GRD
1314	893647.301	573169.691	968.945	GRD
1315	893648.126	573162.872	968.830	GRD
1316	893648.186	573161.206	969.825	GRD
1317	893649.660	573150.040	970.293	GRD
1318	893651.056	573142.463	969.905	GRD
1319	893651.643	573139.747	968.465	GRD
1320	893652.068	573137.484	969.430	GRD
1321	893653.157	573128.328	969.716	GRD
1322	893653.539	573124.764	968.702	GRD
1323	893654.285	573118.527	968.218	GRD
1324	893654.900	573115.006	969.585	GRD
1325	893656.741	573105.315	970.099	GRD
1326	893657.753	573096.612	969.914	GRD
1327	893657.890	573095.042	968.105	GRD
1328	893658.246	573092.520	967.627	GRD
1329	893659.532	573085.399	970.224	GRD
1330	893660.382	573080.356	969.607	GRD
1331	893660.719	573077.772	968.948	GRD
1332	893661.299	573074.069	969.948	GRD
1333	893662.013	573067.916	969.453	GRD
1334	893662.417	573066.576	968.305	GRD
1335	893663.460	573059.346	968.016	GRD
1336	893664.613	573052.177	968.869	GRD
1337	893665.126	573045.788	968.849	GRD
1338	893666.572	573037.708	968.697	GRD
1339	893666.633	573035.389	970.120	GRD
1340	893668.764	573020.529	970.442	GRD

1341	893669.300	573017.518	969.209	GRD
1342	893670.109	573013.596	970.720	GRD
1343	893670.615	573011.033	970.889	GRD
1344	893670.595	573008.284	969.425	GRD
1345	893671.378	573004.349	969.507	GRD
1346	893671.638	573001.477	970.857	GRD
1347	893673.436	572991.282	970.790	GRD
1348	893674.434	572988.260	970.177	GRD
1349	893674.109	572986.255	969.393	GRD
1350	893675.277	572979.756	968.642	GRD
1351	893676.360	572969.296	970.264	GRD
1352	893677.740	572959.394	970.598	GRD
1353	893679.473	572947.577	970.252	GRD
1354	893681.057	572937.636	969.729	GRD
1355	893681.655	572933.599	969.206	GRD
1356	893682.379	572930.359	968.542	GRD
1357	893682.834	572922.964	970.122	GRD
1358	893683.828	572920.832	970.235	GRD
1359	893684.110	572916.195	969.302	GRD
1360	893684.725	572911.806	970.064	GRD
1361	893685.718	572905.872	969.597	GRD
1362	893686.281	572903.389	969.848	GRD
1363	893686.597	572902.040	968.639	GRD
1364	893687.446	572893.757	969.261	GRD
1365	893687.925	572890.521	968.754	GRD
1366	893689.149	572885.970	970.207	GRD
1367	893689.292	572883.559	970.313	GRD
1368	893689.529	572880.235	968.937	GRD
1369	893690.160	572875.462	968.534	GRD
1370	893690.884	572870.996	968.842	GRD
1371	893691.659	572865.171	968.177	GRD
1372	893692.391	572859.476	967.946	GRD
1373	893694.174	572849.055	968.603	GRD
1374	893695.635	572837.772	968.562	GRD
1375	893696.570	572831.641	969.180	GRD
1376	893696.937	572827.792	968.721	GRD
1377	893697.607	572823.782	969.186	GRD
1378	893698.141	572820.703	970.256	GRD
1379	893699.053	572815.737	969.752	GRD
1380	893699.329	572813.767	968.907	GRD
1381	893700.646	572806.461	968.598	GRD
1382	893701.286	572799.899	968.964	GRD
1383	893702.404	572795.201	968.477	GRD
1384	893702.896	572790.706	968.800	GRD
1385	893703.945	572783.006	968.390	GRD
1386	893704.772	572779.448	968.831	GRD
1387	893704.719	572776.456	970.936	GRD
1388	893707.029	572758.615	970.884	GRD
1389	893709.103	572745.517	971.103	GRD
1390	893710.221	572741.202	970.686	GRD
1391	893710.487	572737.900	971.118	GRD
1392	893710.932	572735.909	970.021	GRD
1393	893710.585	572732.243	969.614	GRD
1394	893711.516	572727.788	969.883	GRD
1395	893712.645	572725.735	971.571	GRD
1396	893714.293	572711.314	971.240	GRD
1397	893714.803	572708.607	970.702	GRD

1398	893715.498	572706.009	971.301	GRD
1399	893715.828	572700.099	971.129	GRD
1400	893716.693	572695.842	969.625	GRD
1401	893717.798	572691.817	969.560	GRD
1402	893717.893	572688.847	970.229	GRD
1403	893718.477	572684.126	969.510	GRD
1404	893718.992	572679.925	970.660	GRD
1405	893720.554	572668.797	971.353	GRD
1406	893721.156	572665.944	970.561	GRD
1407	893721.925	572662.231	971.196	GRD
1408	893723.675	572647.408	971.271	GRD
1409	893723.932	572645.391	970.659	GRD
1410	893724.666	572642.525	971.060	GRD
1411	893727.589	572625.001	971.190	GRD
1412	893727.877	572621.861	970.281	GRD
1413	893728.579	572615.079	969.936	GRD
1414	893729.234	572611.218	967.788	GRD
1415	893730.571	572605.371	968.644	GRD
1416	893731.466	572595.349	969.040	GRD
1417	893731.793	572591.265	969.794	GRD
1418	893733.071	572586.669	968.949	GRD
1419	893733.475	572581.758	968.874	GRD
1420	893734.436	572575.720	970.281	GRD
1421	893736.273	572564.811	970.104	GRD
1422	893736.477	572561.120	969.297	GRD
1423	893737.811	572550.638	970.423	GRD
1424	893738.856	572544.252	970.211	GRD
1425	893739.055	572541.602	969.183	GRD
1426	893739.790	572538.265	970.216	GRD
1427	893741.250	572529.225	969.880	GRD
1428	893741.836	572525.008	968.872	GRD
1429	893742.519	572522.118	970.113	GRD
1430	893744.266	572506.741	970.231	GRD
1431	893746.900	572491.053	970.190	GRD
1432	893747.792	572483.053	970.312	GRD
1433	893747.952	572480.674	969.499	GRD
1434	893750.564	572465.444	969.930	GRD
1435	893751.413	572461.181	969.153	GRD
1436	893753.072	572451.023	970.116	GRD
1437	893754.542	572439.893	970.577	GRD
1438	893754.852	572436.229	969.212	GRD
1439	893755.888	572429.863	970.155	GRD
1440	893756.214	572424.453	970.357	GRD
1441	893757.371	572418.589	969.175	GRD
1442	893758.742	572413.614	968.869	GRD
1443	893759.200	572407.590	969.798	GRD
1444	893760.287	572399.951	969.073	GRD
1445	893760.638	572396.339	968.485	GRD
1446	893762.261	572387.619	968.771	GRD
1447	893764.214	572372.773	970.360	GRD
1448	893765.109	572367.359	969.700	GRD
1449	893765.662	572361.578	969.689	GRD
1450	893768.198	572346.830	969.627	GRD
1451	893768.539	572341.254	970.742	GRD
1452	893769.677	572332.060	970.906	GRD
1453	893770.550	572329.719	969.975	GRD
1454	893771.587	572322.192	970.334	GRD

1455	893772.480	572315.503	969.442	GRD
1456	893772.968	572312.368	970.427	GRD
1457	893774.464	572302.458	970.351	GRD
1458	893774.393	572301.342	971.262	GRD
1459	893776.086	572292.357	970.850	GRD
1460	893776.385	572287.253	969.918	GRD
1461	893776.709	572284.611	970.725	GRD
1462	893777.836	572280.030	971.137	GRD
1463	893777.987	572276.468	970.428	GRD
1464	893778.218	572274.251	971.301	GRD
1465	893780.433	572261.387	971.290	GRD
1466	893781.246	572257.574	970.565	GRD
1467	893781.389	572253.739	970.946	GRD
1468	893781.790	572251.482	970.640	GRD
1469	893782.150	572249.142	971.043	GRD
1470	893783.150	572243.883	970.744	GRD
1471	893783.681	572240.541	969.564	GRD
1472	893784.215	572236.630	970.792	GRD
1473	893785.558	572226.228	970.171	GRD
1474	893786.433	572223.052	969.668	GRD
1475	893786.895	572215.468	970.513	GRD
1476	893788.142	572207.248	970.068	GRD
1477	893789.690	572200.354	969.210	GRD
1478	893789.823	572196.580	969.808	GRD
1479	893791.589	572184.789	969.468	GRD
1480	893793.517	572171.802	970.306	GRD
1481	893795.255	572161.115	969.745	GRD
1482	893796.676	572152.722	970.116	GRD
1483	893797.032	572148.963	969.706	GRD
1484	893797.909	572142.996	970.306	GRD
1485	893798.331	572139.042	969.800	GRD
1486	893798.611	572134.981	970.302	GRD
1487	893799.882	572130.334	969.875	GRD
1488	893800.606	572124.067	970.473	GRD
1489	893801.522	572115.642	969.736	GRD
1490	893802.712	572109.661	969.348	GRD
1491	893803.319	572107.515	970.098	GRD
1492	893803.637	572106.053	970.211	GRD
1493	893803.668	572104.905	971.288	GRD
1494	893803.423	572103.107	971.571	TOE LEVEE
1495	893833.723	572104.240	972.814	TOE LEVEE
1496	893833.277	572108.293	972.029	TOP CNC GCS
1497	893831.806	572119.085	972.288	TOP CNC GCS
1498	893829.617	572133.741	972.212	TOP CNC GCS
1499	893826.612	572153.660	972.130	TOP CNC GCS
1500	893823.792	572172.836	971.992	TOP CNC GCS
1501	893820.806	572193.217	971.979	TOP CNC GCS
1502	893817.912	572212.862	971.975	TOP CNC GCS
1503	893814.994	572232.676	972.045	TOP CNC GCS
1504	893812.250	572251.495	972.149	TOP CNC GCS
1505	893809.169	572272.436	972.261	TOP CNC GCS
1506	893806.307	572291.858	972.286	TOP CNC GCS
1507	893803.357	572311.977	972.297	TOP CNC GCS
1508	893800.540	572331.334	972.248	TOP CNC GCS
1509	893797.590	572351.426	972.229	TOP CNC GCS
1510	893794.627	572371.547	972.196	TOP CNC GCS
1511	893791.781	572391.362	972.124	TOP CNC GCS

1512	893788.895	572411.035	972.124	TOP CNC GCS
1513	893785.910	572430.558	972.228	TOP CNC GCS
1514	893782.967	572450.854	972.284	TOP CNC GCS
1515	893780.112	572470.367	972.296	TOP CNC GCS
1516	893777.232	572490.361	972.238	TOP CNC GCS
1517	893774.385	572510.216	972.236	TOP CNC GCS
1518	893771.309	572529.764	972.247	TOP CNC GCS
1519	893768.473	572549.611	972.137	TOP CNC GCS
1520	893765.636	572569.306	971.978	TOP CNC GCS
1521	893762.736	572588.711	971.868	TOP CNC GCS
1522	893759.756	572608.980	972.061	TOP CNC GCS
1523	893756.904	572628.533	972.137	TOP CNC GCS
1524	893753.876	572648.820	972.145	TOP CNC GCS
1525	893751.030	572667.817	972.023	TOP CNC GCS
1526	893748.059	572687.840	972.009	TOP CNC GCS
1527	893745.165	572707.647	972.002	TOP CNC GCS
1528	893742.308	572727.239	972.020	TOP CNC GCS
1529	893739.491	572747.527	972.116	TOP CNC GCS
1530	893736.464	572767.360	972.139	TOP CNC GCS
1531	893733.653	572787.144	972.063	TOP CNC GCS
1532	893730.711	572806.726	972.022	TOP CNC GCS
1533	893727.754	572826.617	972.030	TOP CNC GCS
1534	893724.867	572846.352	971.979	TOP CNC GCS
1535	893721.810	572866.719	971.984	TOP CNC GCS
1536	893718.992	572886.140	971.963	TOP CNC GCS
1537	893716.159	572905.644	971.950	TOP CNC GCS
1538	893713.236	572925.478	972.090	TOP CNC GCS
1539	893710.387	572944.958	972.179	TOP CNC GCS
1540	893707.455	572965.318	972.061	TOP CNC GCS
1541	893704.503	572984.908	971.964	TOP CNC GCS
1542	893701.508	573005.045	971.949	TOP CNC GCS
1543	893698.744	573024.542	971.870	TOP CNC GCS
1544	893695.851	573044.319	971.960	TOP CNC GCS
1545	893692.902	573063.928	972.014	TOP CNC GCS
1546	893689.949	573083.646	971.910	TOP CNC GCS
1547	893686.982	573103.518	971.828	TOP CNC GCS
1548	893684.142	573123.374	971.856	TOP CNC GCS
1549	893681.157	573143.130	971.930	TOP CNC GCS
1550	893678.306	573162.902	971.988	TOP CNC GCS
1551	893675.389	573182.630	972.031	TOP CNC GCS
1552	893672.506	573202.261	972.033	TOP CNC GCS
1553	893669.613	573222.223	972.059	TOP CNC GCS
1554	893666.802	573241.781	972.098	TOP CNC GCS
1555	893663.872	573261.850	972.083	TOP CNC GCS
1556	893660.937	573281.571	972.012	TOP CNC GCS
1557	893658.041	573301.559	971.919	TOP CNC GCS
1558	893655.052	573321.418	971.964	TOP CNC GCS
1559	893652.171	573341.375	972.038	TOP CNC GCS
1560	893649.305	573360.801	972.105	TOP CNC GCS
1561	893646.426	573380.648	972.164	TOP CNC GCS
1562	893643.535	573400.144	972.175	TOP CNC GCS
1563	893640.542	573420.290	972.138	TOP CNC GCS
1564	893637.656	573439.908	971.990	TOP CNC GCS
1565	893634.779	573459.861	971.919	TOP CNC GCS
1566	893631.997	573477.991	971.651	TOP CNC GCS
1567	893631.327	573482.876	972.671	TOE LEVEE
1568	901476.489	576725.689	1005.189	TOP LEVEE

1569	897185.182	574128.976	993.118	TOP LEVEE
1570	897174.664	574140.858	979.242	TOE LEVEE
1571	897164.270	574152.625	979.212	GRD
1572	897150.860	574167.865	979.350	GRD
1573	897137.770	574182.887	979.477	GRD
1574	897124.364	574197.731	979.659	GRD
1575	897111.112	574212.854	979.480	GRD
1576	897097.751	574227.785	979.449	GRD
1577	897084.649	574242.783	979.500	GRD
1578	897071.334	574257.807	979.640	GRD
1579	897058.175	574272.815	979.701	GRD
1580	897044.928	574287.747	979.800	GRD
1581	897031.505	574302.944	979.546	GRD
1582	897018.435	574317.628	979.232	GRD
1583	897005.069	574332.807	979.040	GRD
1584	896992.050	574347.657	979.058	GRD
1585	896978.452	574362.776	979.024	GRD
1586	896856.355	575316.346	980.705	TOE LEVEE
1587	896866.821	575304.315	979.930	GRD
1588	896879.709	575289.718	980.432	GRD
1589	896892.946	575274.754	980.426	GRD
1590	896906.221	575259.757	980.373	GRD
1591	896919.342	575245.077	981.037	GRD
1592	896924.588	575239.216	980.893	GRD
1593	896927.880	575235.117	979.999	GRD
1594	896934.405	575228.026	979.588	GRD
1595	896937.679	575224.428	980.178	GRD
1596	896942.375	575218.965	979.774	GRD
1597	896945.608	575215.013	980.636	GRD
1598	896958.813	575200.415	980.437	GRD
1599	896963.715	575194.802	981.292	GRD
1600	896967.900	575189.920	980.768	GRD
1601	896973.065	575184.270	981.015	GRD
1602	896985.739	575169.881	980.882	GRD
1603	896998.877	575154.789	980.634	GRD
1604	897012.326	575139.718	980.727	GRD
1605	897025.392	575124.926	980.883	GRD
1606	897038.870	575109.838	980.799	GRD
1607	897052.278	575094.820	980.584	GRD
1608	896847.327	575326.503	994.660	TOP LEVEE
1609	901243.024	577829.855	1005.149	TOP LEVEE
1610	901444.216	576733.747	991.738	TOE LEVEE
1611	901442.687	576739.117	990.709	GRD
1612	901440.595	576751.024	990.452	GRD
1613	901436.807	576768.116	990.638	GRD
1614	901432.528	576787.147	990.569	GRD
1615	901429.340	576803.281	989.750	GRD
1616	901427.349	576812.236	990.123	GRD
1617	901427.066	576814.873	989.345	GRD
1618	901426.721	576817.102	990.156	GRD
1619	901424.197	576825.866	989.869	GRD
1620	901424.502	576828.104	990.456	GRD
1621	901423.291	576831.819	990.301	GRD
1622	901420.014	576848.080	990.521	GRD
1623	901416.338	576866.546	990.236	GRD
1624	901416.116	576868.517	988.998	GRD
1625	901414.498	576874.220	989.168	GRD

1626	901414.295	576877.084	989.989	GRD
1627	901413.026	576881.999	990.111	GRD
1628	901412.620	576884.039	989.080	GRD
1629	901410.844	576891.315	989.208	GRD
1630	901410.963	576893.154	989.706	GRD
1631	901406.646	576908.990	989.570	GRD
1632	901406.099	576913.888	988.741	GRD
1633	901405.093	576917.229	989.216	GRD
1634	901403.803	576924.550	989.368	GRD
1635	901402.646	576927.997	988.919	GRD
1636	901401.966	576933.792	989.931	GRD
1637	901398.835	576949.266	989.693	GRD
1638	901398.027	576951.914	988.559	GRD
1639	901396.992	576955.866	988.509	GRD
1640	901396.280	576960.183	989.391	GRD
1641	901392.848	576978.024	989.276	GRD
1642	901392.019	576980.797	988.532	GRD
1643	901390.000	576990.371	988.359	GRD
1644	901389.602	576993.784	988.858	GRD
1645	901388.131	576998.976	988.151	GRD
1646	901386.280	577008.039	988.646	GRD
1647	901385.785	577009.989	989.266	GRD
1648	901383.050	577025.065	989.515	GRD
1649	901382.401	577026.788	988.807	GRD
1650	901380.661	577033.223	988.848	GRD
1651	901380.308	577037.667	989.320	GRD
1652	901379.380	577041.099	988.604	GRD
1653	901378.510	577046.192	989.118	GRD
1654	901376.740	577052.305	989.355	GRD
1655	901375.781	577058.416	989.934	GRD
1656	901373.675	577068.135	989.774	GRD
1657	901370.098	577081.740	989.502	GRD
1658	901369.713	577085.415	988.467	GRD
1659	901368.960	577090.819	988.693	GRD
1660	901368.325	577094.544	989.050	GRD
1661	901366.602	577101.219	988.008	GRD
1662	901364.684	577110.355	989.504	GRD
1663	901363.425	577114.915	988.842	GRD
1664	901361.385	577126.997	989.249	GRD
1665	901360.643	577128.762	989.958	GRD
1666	901357.013	577144.701	990.346	GRD
1667	901356.912	577147.265	989.441	GRD
1668	901355.442	577155.106	989.815	GRD
1669	901354.304	577158.024	989.517	GRD
1670	901353.830	577161.254	988.996	GRD
1671	901353.296	577164.309	989.102	GRD
1672	901352.848	577166.304	989.581	GRD
1673	901351.804	577171.106	989.104	GRD
1674	901350.630	577177.820	989.980	GRD
1675	901348.842	577185.331	989.777	GRD
1676	901347.725	577189.965	988.648	GRD
1677	901346.019	577197.889	989.155	GRD
1678	901344.633	577202.481	989.569	GRD
1679	901344.178	577207.470	989.192	GRD
1680	901343.625	577211.252	988.189	GRD
1681	901343.036	577214.076	988.501	GRD
1682	901342.347	577216.295	989.566	GRD

1683	901340.292	577224.518	990.074	GRD
1684	901337.983	577236.043	989.082	GRD
1685	901336.138	577243.361	989.477	GRD
1686	901335.106	577248.599	988.633	GRD
1687	901334.361	577252.644	989.462	GRD
1688	901332.091	577263.372	990.102	GRD
1689	901328.865	577280.618	989.993	GRD
1690	901325.335	577294.954	988.956	GRD
1691	901324.432	577298.099	987.747	GRD
1692	901323.098	577306.782	987.405	GRD
1693	901321.998	577310.523	988.060	GRD
1694	901321.600	577313.923	989.278	GRD
1695	901318.978	577326.350	988.974	GRD
1696	901317.079	577333.724	987.500	GRD
1697	901316.337	577338.789	989.000	GRD
1698	901313.907	577351.155	989.341	GRD
1699	901310.077	577366.868	988.821	GRD
1700	901306.859	577384.495	988.828	GRD
1701	901305.329	577389.105	987.607	GRD
1702	901301.876	577405.718	987.889	GRD
1703	901301.187	577410.604	989.334	GRD
1704	901298.643	577423.042	989.063	GRD
1705	901297.859	577427.076	987.982	GRD
1706	901296.775	577429.972	987.672	GRD
1707	901296.005	577432.934	986.839	GRD
1708	901295.110	577437.947	987.079	GRD
1709	901292.484	577448.079	988.877	GRD
1710	901292.132	577452.855	987.745	GRD
1711	901291.400	577456.198	987.709	GRD
1712	901290.700	577458.966	988.014	GRD
1713	901286.862	577478.814	988.994	GRD
1714	901282.431	577497.084	989.339	GRD
1715	901278.661	577515.053	989.916	GRD
1716	901274.881	577534.211	989.699	GRD
1717	901271.872	577549.108	989.575	GRD
1718	901270.466	577554.400	987.932	GRD
1719	901269.773	577558.595	987.721	GRD
1720	901268.115	577567.199	987.562	GRD
1721	901266.448	577573.876	988.571	GRD
1722	901262.652	577591.461	989.339	GRD
1723	901260.106	577603.119	989.281	GRD
1724	901257.897	577613.026	988.470	GRD
1725	901257.288	577616.890	988.877	GRD
1726	901255.243	577625.671	988.467	GRD
1727	901253.850	577631.063	988.379	GRD
1728	901253.269	577639.125	989.053	GRD
1729	901252.297	577642.861	989.886	GRD
1730	901250.189	577653.915	989.555	GRD
1731	901248.600	577659.010	988.195	GRD
1732	901247.823	577663.891	989.091	GRD
1733	901243.731	577680.612	989.583	GRD
1734	901242.568	577685.331	988.781	GRD
1735	901240.820	577692.677	989.577	GRD
1736	901240.024	577697.993	988.486	GRD
1737	901238.990	577702.136	988.253	GRD
1738	901238.142	577705.948	988.849	GRD
1739	901236.048	577714.852	989.695	GRD

1740	901235.044	577724.408	989.889	GRD
1741	901234.456	577725.679	988.289	GRD
1742	901232.872	577733.115	988.388	GRD
1743	901232.333	577734.550	989.806	GRD
1744	901230.042	577746.131	990.382	GRD
1745	901226.376	577762.863	990.613	GRD
1746	901222.783	577780.188	990.995	GRD
1747	901219.261	577796.977	991.021	GRD
1748	901216.884	577808.176	991.162	GRD
1749	901216.307	577810.025	991.538	TOE LEVEE
1750	901245.980	577816.027	991.387	TOE LEVEE
1751	901246.537	577812.927	990.832	GRD
1752	901247.860	577806.712	990.687	TOP CNC GCS
1753	901251.076	577791.505	990.788	TOP CNC GCS
1754	901255.060	577772.597	990.760	TOP CNC GCS
1755	901259.108	577753.404	990.720	TOP CNC GCS
1756	901263.389	577733.075	990.808	TOP CNC GCS
1757	901267.586	577713.614	990.922	TOP CNC GCS
1758	901271.596	577693.892	991.010	TOP CNC GCS
1759	901275.951	577674.519	991.065	TOP CNC GCS
1760	901279.957	577654.844	991.032	TOP CNC GCS
1761	901284.127	577635.220	991.075	TOP CNC GCS
1762	901288.214	577615.788	991.084	TOP CNC GCS
1763	901292.516	577596.172	990.996	TOP CNC GCS
1764	901296.186	577578.742	990.813	TOP CNC GCS
1765	901298.804	577565.556	990.546	TOP CNC GCS
1766	901301.531	577553.259	990.812	TOP CNC GCS
1767	901304.798	577537.599	990.931	TOP CNC GCS
1768	901309.010	577517.871	990.968	TOP CNC GCS
1769	901313.081	577498.186	990.966	TOP CNC GCS
1770	901317.214	577478.699	990.875	TOP CNC GCS
1771	901321.492	577458.693	990.515	TOP CNC GCS
1772	901325.543	577439.216	990.502	TOP CNC GCS
1773	901329.661	577419.849	990.539	TOP CNC GCS
1774	901333.847	577400.365	990.745	TOP CNC GCS
1775	901337.912	577380.862	990.869	TOP CNC GCS
1776	901341.972	577361.337	991.043	TOP CNC GCS
1777	901346.196	577341.753	991.048	TOP CNC GCS
1778	901350.369	577322.262	990.875	TOP CNC GCS
1779	901354.564	577302.551	990.799	TOP CNC GCS
1780	901358.654	577282.971	990.875	TOP CNC GCS
1781	901362.803	577263.435	990.999	TOP CNC GCS
1782	901367.029	577243.723	990.924	TOP CNC GCS
1783	901371.075	577224.194	990.835	TOP CNC GCS
1784	901375.265	577204.567	990.882	TOP CNC GCS
1785	901379.393	577185.061	990.879	TOP CNC GCS
1786	901383.480	577165.556	990.975	TOP CNC GCS
1787	901387.708	577145.525	991.037	TOP CNC GCS
1788	901391.672	577126.093	990.988	TOP CNC GCS
1789	901395.928	577106.787	990.901	TOP CNC GCS
1790	901400.059	577086.779	990.844	TOP CNC GCS
1791	901404.342	577067.690	990.911	TOP CNC GCS
1792	901408.274	577048.220	990.896	TOP CNC GCS
1793	901412.403	577028.480	990.858	TOP CNC GCS
1794	901416.613	577008.424	990.697	TOP CNC GCS
1795	901420.846	576989.362	990.614	TOP CNC GCS
1796	901424.920	576969.876	990.699	TOP CNC GCS

1797	901428.933	576950.399	990.845	TOP CNC GCS
1798	901433.148	576930.753	990.951	TOP CNC GCS
1799	901437.260	576911.184	990.999	TOP CNC GCS
1800	901441.302	576891.724	990.982	TOP CNC GCS
1801	901445.563	576872.033	990.889	TOP CNC GCS
1802	901449.515	576852.500	990.860	TOP CNC GCS
1803	901453.840	576832.958	990.845	TOP CNC GCS
1804	901458.001	576813.294	990.753	TOP CNC GCS
1805	901462.023	576793.856	990.718	TOP CNC GCS
1806	901466.368	576774.263	990.568	TOP CNC GCS
1807	901470.317	576755.057	990.509	TOP CNC GCS
1808	901472.182	576746.151	990.765	TOP CNC GCS
1809	901473.356	576740.236	991.674	TOE LEVEE
1810	907434.234	579332.166	1017.749	TOP LEVEE
1811	907442.273	579322.656	1004.298	TOE LEVEE
1812	907445.877	579318.476	1004.384	GRD
1813	907449.017	579315.621	1002.598	GRD
1814	907450.403	579313.007	1003.252	GRD
1815	907452.018	579311.182	1003.001	GRD
1816	907456.282	579306.197	1003.961	GRD
1817	907466.427	579293.949	1004.536	GRD
1818	907479.336	579278.722	1004.316	GRD
1819	907492.079	579263.432	1004.203	GRD
1820	907502.851	579250.474	1003.823	GRD
1821	907508.960	579243.346	1010.103	GRD
1822	907512.723	579238.296	1005.897	GRD
1823	907516.211	579234.237	1005.328	GRD
1824	907518.120	579232.332	1003.917	GRD
1825	907531.059	579217.048	1003.865	GRD
1826	907543.327	579202.416	1003.372	GRD
1827	907549.027	579195.672	1003.012	GRD
1828	907550.897	579193.206	1004.791	GRD
1829	907560.193	579182.362	1010.849	GRD
1830	907569.076	579171.911	1004.467	GRD
1831	907582.032	579156.139	1004.187	GRD
1832	907594.766	579140.931	1004.623	GRD
1833	907604.805	579129.403	1005.597	GRD
1834	907607.033	579126.380	1004.468	GRD
1835	907620.707	579110.144	1004.704	GRD
1836	907633.605	579094.946	1004.941	GRD
1837	907763.627	577840.050	1004.135	TOE LEVEE
1838	907762.929	577843.696	1003.555	GRD
1839	907759.840	577859.577	1002.943	GRD
1840	907757.775	577868.700	1003.440	GRD
1841	907756.358	577876.525	1003.397	GRD
1842	907752.700	577895.442	1003.281	GRD
1843	907748.959	577915.071	1003.695	GRD
1844	907745.271	577933.224	1003.848	GRD
1845	907740.804	577954.907	1003.781	GRD
1846	907737.377	577973.697	1003.861	GRD
1847	907733.239	577993.758	1003.551	GRD
1848	907729.531	578013.173	1003.538	GRD
1849	907725.625	578032.831	1003.763	GRD
1850	907721.750	578052.375	1003.941	GRD
1851	907717.801	578072.141	1004.109	GRD
1852	907713.972	578091.627	1004.199	GRD
1853	907710.277	578111.698	1004.260	GRD

1854	907706.043	578131.175	1004.344	GRD

NAVD88 to NGVD 29 Adjustments
For the
Land Subsidence Evaluation of the Upper Agua Fria
Levees
FCD Contract No. 99-067, Assignment 1
Tasks 1 and portions of Tasks 4 and 5
(Lower Buckeye Road to Indian School Road)

Surveyed By;
SurvNet, Inc.
150 N. Stapley #105
Mesa, AZ 85203
(480)835-9070

Provided for:
Premier Engineering Corporation
1600 W. Broadway Rd. #165
Tempe, AZ 85282
(480)829-6000

5/14/02

Registered Land Surveyor
CERTIFICATE NO.
28724
MATTHEW A.
GRAHAM
Date Sig
ONA, U.S.A.

Between NGVD 29 and NAVD 88
Version 2.0

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Station Name: 301

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 12.43143	112 19 49.10513	.633

Station Name: 302

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 12.17162	112 20 2.56361	.632

Station Name: 303

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 25.07430	112 20 2.68936	.630

Station Name: 304

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 25.11617	112 19 49.30485	.631

Station Name: 305

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 20.96321	112 19 53.17455	.619

Station Name: 306

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.96101	112 20 9.86374	.617

Station Name: 307

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 51.38197	112 20 27.42502	.608

Station Name: 308

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 50.26123	112 19 24.93629	.613

Station Name: 309

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 52.87006	112 19 31.74800	.612

Station Name: 310

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 36.46223	112 19 2.39420	.603

Station Name: 311

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 38.73466	112 19 15.46365	.601

Station Name: 312

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 56.18360	112 19 45.92480	.610

Station Name: 313

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 29 35.50198	112 19 25.45323	.585

Station Name: 314

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 29 41.00524	112 19 2.74855	.586

Station Name: 315

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 29 37.76740	112 18 44.93474	.589

Station Name: 316

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 33.82331	112 18 22.47597	.622

Station Name: 317

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 25 14.32508	112 21 7.91905	.635

Station Name: 318

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 29 12.26721	112 21 16.64129	.580

Station Name: 319

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 3.95124	112 19 58.93849	.558

Station Name: 320

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 37.58020	112 19 26.89367	.563

Station Name: 321

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 2.70981	112 18 13.19072	.566

Station Name: 322

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 29 37.83854	112 18 45.03672	.589

Station Name: 323

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 29 40.98484	112 19 2.62280	.586

Station Name: 324

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 34.21963	112 15 16.27528	.554

Station Name: 325

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 38 27.98407	112 12 28.98074	.554

Station Name: 326

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 20.95998	112 19 53.32959	.619

Station Name: 327

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 25.11619	112 19 49.44819	.631

Station Name: 328

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 12.41167	112 19 49.25519	.633

Station Name: 329

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 12.16173	112 20 2.42384	.632

Station Name: 330

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 25.07500	112 20 2.54317	.630

Station Name: 331

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 38.70640	112 19 15.33611	.601

Station Name: 332

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 56.09544	112 19 45.80480	.610

Station Name: 333

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 52.93677	112 19 31.83894	.612

Station Name: 334

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 36.48858	112 19 2.52880	.603

Station Name: 335

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.95652	112 20 9.69805	.617

VERTical CONversion (VERTCON) Transformation Program
Between NGVD 29 and NAVD 88
Version 2.0

==========

Station Name: 1001

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 12.41020	112 19 49.28082	.633

Station Name: 1002

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 12.40497	112 19 49.30827	.633

Station Name: 1003

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 12.39687	112 19 49.37596	.633

Station Name: 1004

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 12.38215	112 19 49.48396	.633

Station Name: 1005

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 12.37548	112 19 49.53926	.633

Station Name: 1006

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 12.35082	112 19 49.71797	.633

Station Name: 1007

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 12.34178	112 19 49.78103	.633

Station Name: 1008

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 12.32397	112 19 49.91311	.633

Station Name: 1009

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 12.29982	112 19 50.10838	.633

Station Name: 1010

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 12.27601	112 19 50.27505	.633

Station Name: 1011

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 12.25780	112 19 50.42440	.633

Station Name: 1012

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 12.22795	112 19 50.65138	.633

Station Name: 1013

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 12.19787	112 19 50.88256	.633

Station Name: 1014

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 12.16429	112 19 51.11991	.633

Station Name: 1015

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 12.13400	112 19 51.35322	.633

Station Name: 1016

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 12.10226	112 19 51.58630	.633

Station Name: 1017

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 12.07751	112 19 51.77274	.633

Station Name: 1018

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 12.06202	112 19 51.89719	.633

Station Name: 1019

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 12.04077	112 19 52.04487	.633

Station Name: 1020

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 12.01006	112 19 52.28434	.633

Station Name: 1021

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 11.97835	112 19 52.52182	.633

Station Name: 1022

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 11.94755	112 19 52.75238	.632

Station Name: 1023

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 12.42689	112 19 49.12005	.633

Station Name: 1024

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 25.11416	112 19 49.32224	.631

Station Name: 1025

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 12.17114	112 20 2.55017	.632

Station Name: 1026

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 25.07409	112 20 2.67144	.630

Station Name: 1027

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 12.15617	112 20 2.38591	.632

Station Name: 1028

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 12.14255	112 20 2.19591	.632

Station Name: 1029

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 12.14028	112 20 2.10865	.632

Station Name: 1030

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 12.13024	112 20 1.95348	.632

Station Name: 1031

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 12.11432	112 20 1.72072	.632

Station Name: 1032

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 12.09724	112 20 1.47774	.632

Station Name: 1033

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 12.08081	112 20 1.24919	.632

Station Name: 1034

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 12.06499	112 20 1.00851	.632

Station Name: 1035

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 12.04938	112 20 .76727	.632

Station Name: 1036

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 12.03691	112 20 .60140	.632

Station Name: 1037

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 12.02597	112 20 .45092	.632

Station Name: 1038

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 12.01348	112 20 .26320	.632

Station Name: 1039

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 11.99976	112 20 .05316	.632

Station Name: 1040

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 11.98400	112 19 59.82600	.632

Station Name: 1041

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 11.97018	112 19 59.60279	.632

Station Name: 1042

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 11.95280	112 19 59.37099	.632

Station Name: 1043

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 11.93679	112 19 59.13492	.632

Station Name: 1044

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 11.91916	112 19 58.89400	.632

Station Name: 1045

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 25.11538	112 19 49.48099	.631

Station Name: 1046

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 25.11524	112 19 49.50814	.631

Station Name: 1047

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 25.11552	112 19 49.73209	.631

Station Name: 1048

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 25.11396	112 19 49.98517	.631

Station Name: 1049

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 25.11231	112 19 50.25037	.631

Station Name: 1050

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 25.11342	112 19 50.48277	.631

Station Name: 1051

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 25.11271	112 19 50.72221	.631

Station Name: 1052

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 25.11062	112 19 50.95843	.630

Station Name: 1053

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 25.11042	112 19 51.19399	.630

Station Name: 1054

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 25.10983	112 19 51.43050	.630

Station Name: 1055

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 25.10875	112 19 51.66827	.630

Station Name: 1056

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 25.10803	112 19 51.90737	.630

Station Name: 1057

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 25.10797	112 19 52.13964	.630

Station Name: 1058

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 25.10638	112 19 52.37380	.630

Station Name: 1059

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 25.10444	112 19 52.60879	.630

Station Name: 1060

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 25.10528	112 19 52.84711	.630

Station Name: 1061

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 25.10442	112 19 53.08010	.630

Station Name: 1062

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 25.10392	112 19 53.31725	.630

Station Name: 1063

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 25.10229	112 19 53.55399	.630

Station Name: 1064

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 25.10124	112 19 53.78808	.630

Station Name: 1065

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 25.10145	112 19 54.02553	.630

Station Name: 1066

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 25.10076	112 19 54.26197	.630

Station Name: 1067

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 25.10005	112 19 54.49936	.630

Station Name: 1068

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 25.09983	112 19 54.73328	.630

Station Name: 1069

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 25.09778	112 19 54.97313	.630

Station Name: 1070

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 25.09774	112 19 55.20501	.630

Station Name: 1071

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 25.09712	112 19 55.44278	.630

Station Name: 1072

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 25.09656	112 19 55.68037	.630

Station Name: 1073

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 25.09538	112 19 55.91320	.630

Station Name: 1074

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 25.09529	112 19 56.15044	.630

Station Name: 1075

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 25.09409	112 19 56.39144	.630

Station Name: 1076

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 25.09349	112 19 56.62085	.630

Station Name: 1077

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 25.09318	112 19 56.85629	.630

Station Name: 1078

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 25.09183	112 19 57.09433	.630

Station Name: 1079

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 25.09081	112 19 57.33015	.630

Station Name: 1080

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 25.09074	112 19 57.56779	.630

Station Name: 1081

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 25.08977	112 19 57.80212	.630

Station Name: 1082

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 25.08837	112 19 58.03703	.630

Station Name: 1083

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 25.08798	112 19 58.27478	.630

Station Name: 1084

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 25.08701	112 19 58.51291	.630

Station Name: 1085

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 25.08722	112 19 58.74811	.630

Station Name: 1086

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 25.08592	112 19 58.98281	.630

Station Name: 1087

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 25.08545	112 19 59.21643	.630

Station Name: 1088

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 25.08411	112 19 59.45429	.630

Station Name: 1089

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 25.08348	112 19 59.69247	.630

Station Name: 1090

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 25.08278	112 19 59.92517	.630

Station Name: 1091

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 25.08173	112 20 .16109	.630

Station Name: 1092

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 25.08165	112 20 .40023	.630

Station Name: 1093

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 25.08048	112 20 .63466	.630

Station Name: 1094

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 25.08023	112 20 .87109	.630

Station Name: 1095

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 25.07894	112 20 1.10538	.630

Station Name: 1096

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 25.07942	112 20 1.34074	.630

Station Name: 1097

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 25.07793	112 20 1.57828	.630

Station Name: 1098

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 25.07661	112 20 1.81373	.630

Station Name: 1099

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 25.07609	112 20 2.05083	.630

Station Name: 1100

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 25.07642	112 20 2.28781	.630

Station Name: 1101

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 25.07607	112 20 2.43507	.630

Station Name: 1102

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 25.07576	112 20 2.48734	.630

Station Name: 1103

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.77575	112 20 2.48070	.630

Station Name: 1104

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.77423	112 20 2.38955	.630

Station Name: 1105

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.78041	112 20 2.19362	.630

Station Name: 1106

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.78153	112 20 2.03397	.630

Station Name: 1107

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.78087	112 20 1.99149	.630

Station Name: 1108

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.78068	112 20 1.94720	.630

Station Name: 1109

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.78097	112 20 1.92213	.630

Station Name: 1110

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.77935	112 20 1.85527	.630

Station Name: 1111

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.77838	112 20 1.83801	.630

Station Name: 1112

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.78263	112 20 1.70651	.630

Station Name: 1113

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.77910	112 20 1.66475	.630

Station Name: 1114

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.77941	112 20 1.64764	.630

Station Name: 1115

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.78136	112 20 1.58503	.630

Station Name: 1116

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.78072	112 20 1.57730	.630

Station Name: 1117

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.78004	112 20 1.53606	.630

Station Name: 1118

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.77876	112 20 1.52949	.630

Station Name: 1119

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.77964	112 20 1.40463	.630

Station Name: 1120

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.77778	112 20 1.37901	.630

Station Name: 1121

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.78429	112 20 1.26406	.630

Station Name: 1122

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.77935	112 20 1.21582	.630

Station Name: 1123

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.77945	112 20 1.16376	.630

Station Name: 1124

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.77719	112 20 1.14203	.630

Station Name: 1125

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.78427	112 20 1.06809	.630

Station Name: 1126

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.78266	112 20 1.00833	.630

Station Name: 1127

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.78067	112 20 .98660	.630

Station Name: 1128

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.77955	112 20 .74753	.630

Station Name: 1129

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.78597	112 20 .56263	.630

Station Name: 1130

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.78239	112 20 .40191	.630

Station Name: 1131

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.78481	112 20 .35834	.630

Station Name: 1132

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.78449	112 20 .29754	.630

Station Name: 1133

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.78918	112 20 .21007	.630

Station Name: 1134

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.78401	112 20 .12471	.630

Station Name: 1135

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.78735	112 20 .10759	.630

Station Name: 1136

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.78748	112 20 .08418	.630

Station Name: 1137

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.78804	112 19 59.97192	.630

Station Name: 1138

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.78569	112 19 59.92975	.630

Station Name: 1139

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.78419	112 19 59.90836	.630

Station Name: 1140

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.78744	112 19 59.85214	.630

Station Name: 1141

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.78699	112 19 59.82982	.630

Station Name: 1142

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.78416	112 19 59.77334	.630

Station Name: 1143

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.78531	112 19 59.75553	.630

Station Name: 1144

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.78679	112 19 59.60956	.630

Station Name: 1145

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.78882	112 19 59.41933	.630

Station Name: 1146

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.78866	112 19 59.21568	.630

Station Name: 1147

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.78669	112 19 59.18992	.630

Station Name: 1148

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.78932	112 19 59.07223	.630

Station Name: 1149

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.78686	112 19 59.01091	.630

Station Name: 1150

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.78859	112 19 58.87774	.630

Station Name: 1151

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.79126	112 19 58.81572	.630

Station Name: 1152

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.78925	112 19 58.67954	.630

Station Name: 1153

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.78805	112 19 58.56940	.630

Station Name: 1154

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.79103	112 19 58.54598	.630

Station Name: 1155

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.79698	112 19 58.46445	.630

Station Name: 1156

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.79322	112 19 58.44937	.630

Station Name: 1157

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.79035	112 19 58.37638	.630

Station Name: 1158

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.79153	112 19 58.29944	.630

Station Name: 1159

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.79171	112 19 58.16448	.630

Station Name: 1160

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.78945	112 19 58.14086	.630

Station Name: 1161

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.79161	112 19 58.08152	.630

Station Name: 1162

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.79189	112 19 58.02899	.630

Station Name: 1163

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.79497	112 19 57.87609	.630

Station Name: 1164

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.79308	112 19 57.74466	.630

Station Name: 1165

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.79037	112 19 57.67355	.630

Station Name: 1166

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.79430	112 19 57.53646	.630

Station Name: 1167

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.79011	112 19 57.52402	.630

Station Name: 1168

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.79415	112 19 57.31469	.630

Station Name: 1169

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.79374	112 19 57.11979	.630

Station Name: 1170

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.79322	112 19 57.09540	.630

Station Name: 1171

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.79663	112 19 57.04785	.630

Station Name: 1172

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.79485	112 19 56.97453	.630

Station Name: 1173

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.79493	112 19 56.94376	.630

Station Name: 1174

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.79365	112 19 56.85843	.630

Station Name: 1175

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.79250	112 19 56.83069	.630

Station Name: 1176

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.79312	112 19 56.77106	.630

Station Name: 1177

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.80039	112 19 56.70302	.630

Station Name: 1178

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.79536	112 19 56.64372	.630

Station Name: 1179

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.79771	112 19 56.55067	.630

Station Name: 1180

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.79640	112 19 56.44791	.630

Station Name: 1181

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.79547	112 19 56.40822	.630

Station Name: 1182

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.79900	112 19 56.26598	.630

Station Name: 1183

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.79668	112 19 56.13407	.630

Station Name: 1184

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.79656	112 19 56.12422	.630

Station Name: 1185

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.80077	112 19 55.99495	.630

Station Name: 1186

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.79521	112 19 55.95833	.630

Station Name: 1187

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.79991	112 19 55.85576	.630

Station Name: 1188

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.80269	112 19 55.78010	.630

Station Name: 1189

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.79877	112 19 55.71920	.630

Station Name: 1190

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.79991	112 19 55.54855	.630

Station Name: 1191

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.79966	112 19 55.37886	.630

Station Name: 1192

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.79600	112 19 55.34295	.630

Station Name: 1193

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.79993	112 19 55.23159	.630

Station Name: 1194

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.80383	112 19 55.20423	.630

Station Name: 1195

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.80333	112 19 55.11784	.630

Station Name: 1196

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.80343	112 19 55.03345	.630

Station Name: 1197

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.80363	112 19 55.02863	.630

Station Name: 1198

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.80482	112 19 54.96292	.630

Station Name: 1199

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.80037	112 19 54.95881	.630

Station Name: 1200

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.80034	112 19 54.91592	.630

Station Name: 1201

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.80221	112 19 54.87000	.630

Station Name: 1202

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.80307	112 19 54.74943	.630

Station Name: 1203

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.80238	112 19 54.66781	.630

Station Name: 1204

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.79627	112 19 54.60470	.630

Station Name: 1205

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.80132	112 19 54.58729	.630

Station Name: 1206

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.79805	112 19 54.42681	.630

Station Name: 1207

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.80329	112 19 54.30961	.630

Station Name: 1208

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.80702	112 19 54.29033	.630

Station Name: 1209

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.80338	112 19 54.17242	.630

Station Name: 1210

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.80099	112 19 54.13500	.630

Station Name: 1211

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.80239	112 19 54.12303	.630

Station Name: 1212

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.80585	112 19 54.07391	.630

Station Name: 1213

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.80636	112 19 54.06104	.630

Station Name: 1214

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.80489	112 19 54.00485	.630

Station Name: 1215

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.80651	112 19 53.97554	.630

Station Name: 1216

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.80078	112 19 53.90965	.630

Station Name: 1217

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.80501	112 19 53.84940	.630

Station Name: 1218

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.80318	112 19 53.78417	.630

Station Name: 1219

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.80339	112 19 53.74518	.630

Station Name: 1220

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.80140	112 19 53.71506	.630

Station Name: 1221

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.80854	112 19 53.65940	.630

Station Name: 1222

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.80310	112 19 53.61078	.630

Station Name: 1223

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.80698	112 19 53.60239	.630

Station Name: 1224

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.80549	112 19 53.54410	.630

Station Name: 1225

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.81188	112 19 53.42081	.630

Station Name: 1226

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.80272	112 19 53.30814	.630

Station Name: 1227

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.80651	112 19 53.28875	.630

Station Name: 1228

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.80995	112 19 53.17742	.630

Station Name: 1229

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.80669	112 19 53.09304	.630

Station Name: 1230

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.80499	112 19 53.07287	.630

Station Name: 1231

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.81034	112 19 52.99237	.630

Station Name: 1232

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.80915	112 19 52.96199	.630

Station Name: 1233

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.81030	112 19 52.79099	.630

Station Name: 1234

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.80293	112 19 52.63004	.630

Station Name: 1235

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.80631	112 19 52.62447	.630

Station Name: 1236

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.80961	112 19 52.51242	.630

Station Name: 1237

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.81120	112 19 52.45487	.630

Station Name: 1238

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.80947	112 19 52.38549	.630

Station Name: 1239

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.81263	112 19 52.33483	.630

Station Name: 1240

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.81383	112 19 52.31312	.630

Station Name: 1241

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.80821	112 19 52.18159	.630

Station Name: 1242

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.81177	112 19 52.09274	.630

Station Name: 1243

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.81454	112 19 52.02930	.630

Station Name: 1244

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.80892	112 19 51.96791	.630

Station Name: 1245

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.81453	112 19 51.89961	.630

Station Name: 1246

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.81990	112 19 51.83933	.630

Station Name: 1247

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.81381	112 19 51.74128	.630

Station Name: 1248

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.81121	112 19 51.68883	.630

Station Name: 1249

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.81433	112 19 51.48118	.631

Station Name: 1250

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.81170	112 19 51.45783	.631

Station Name: 1251

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.81480	112 19 51.34022	.631

Station Name: 1252

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.81519	112 19 51.18789	.631

Station Name: 1253

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.81388	112 19 50.99311	.631

Station Name: 1254

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.81566	112 19 50.77733	.631

Station Name: 1255

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.81032	112 19 50.68047	.631

Station Name: 1256

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.81732	112 19 50.61765	.631

Station Name: 1257

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.81502	112 19 50.49765	.631

Station Name: 1258

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.81340	112 19 50.38033	.631

Station Name: 1259

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.82102	112 19 50.27485	.631

Station Name: 1260

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.81295	112 19 50.20464	.631

Station Name: 1261

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.81349	112 19 50.15731	.631

Station Name: 1262

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.81258	112 19 50.12125	.631

Station Name: 1263

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.81515	112 19 50.03203	.631

Station Name: 1264

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.81450	112 19 49.89729	.631

Station Name: 1265

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.81737	112 19 49.83868	.631

Station Name: 1266

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.81638	112 19 49.81932	.631

Station Name: 1267

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.81914	112 19 49.72883	.631

Station Name: 1268

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.81626	112 19 49.63247	.631

Station Name: 1269

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.82199	112 19 49.56365	.631

Station Name: 1270

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 26 24.81997	112 19 49.51501	.631

Station Name: 1271

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.96010	112 20 9.84341	.617

Station Name: 1272

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 20.68653	112 19 53.37046	.619

Station Name: 1273

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 20.68877	112 19 53.40387	.619

Station Name: 1274

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 20.71606	112 19 53.63045	.619

Station Name: 1275

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 20.74231	112 19 53.84301	.619

Station Name: 1276

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 20.74575	112 19 53.88276	.619

Station Name: 1277

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 20.75955	112 19 53.93720	.619

Station Name: 1278

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 20.76244	112 19 53.99121	.619

Station Name: 1279

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 20.77207	112 19 54.05552	.619

Station Name: 1280

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 20.77374	112 19 54.08164	.619

Station Name: 1281

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 20.79124	112 19 54.22853	.619

Station Name: 1282

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 20.79864	112 19 54.34790	.619

Station Name: 1283

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 20.80715	112 19 54.38740	.619

Station Name: 1284

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 20.81543	112 19 54.41496	.619

Station Name: 1285

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 20.83293	112 19 54.60403	.619

Station Name: 1286

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 20.85852	112 19 54.80095	.619

Station Name: 1287

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 20.86569	112 19 54.84325	.619

Station Name: 1288

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 20.87023	112 19 54.90708	.619

Station Name: 1289

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 20.87573	112 19 54.93133	.619

Station Name: 1290

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 20.88233	112 19 55.00301	.619

Station Name: 1291

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 20.89178	112 19 55.09875	.619

Station Name: 1292

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 20.90189	112 19 55.16436	.619

Station Name: 1293

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 20.91005	112 19 55.23807	.619

Station Name: 1294

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 20.93309	112 19 55.44921	.619

Station Name: 1295

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 20.93723	112 19 55.48430	.619

Station Name: 1296

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 20.94379	112 19 55.52532	.619

Station Name: 1297

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 20.94983	112 19 55.56110	.619

Station Name: 1298

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 20.95362	112 19 55.58548	.619

Station Name: 1299

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 20.96786	112 19 55.70961	.619

Station Name: 1300

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 20.97509	112 19 55.74861	.619

Station Name: 1301

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 20.99130	112 19 55.91049	.619

Station Name: 1302

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.01112	112 19 56.09143	.619

Station Name: 1303

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.03321	112 19 56.27643	.619

Station Name: 1304

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.04581	112 19 56.38559	.619

Station Name: 1305

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.05324	112 19 56.42870	.619

Station Name: 1306

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.06751	112 19 56.57995	.619

Station Name: 1307

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.08660	112 19 56.72218	.619

Station Name: 1308

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.08802	112 19 56.73612	.619

Station Name: 1309

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.09294	112 19 56.76958	.619

Station Name: 1310

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.09814	112 19 56.82248	.619

Station Name: 1311

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.10511	112 19 56.87591	.619

Station Name: 1312

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.11737	112 19 56.96825	.619

Station Name: 1313

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.12312	112 19 57.02940	.619

Station Name: 1314

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.13205	112 19 57.06675	.619

Station Name: 1315

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.13994	112 19 57.14728	.619

Station Name: 1316

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.14046	112 19 57.16694	.619

Station Name: 1317

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.15461	112 19 57.29881	.619

Station Name: 1318

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.16812	112 19 57.38832	.619

Station Name: 1319

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.17382	112 19 57.42040	.619

Station Name: 1320

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.17794	112 19 57.44713	.619

Station Name: 1321

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.18834	112 19 57.55526	.619

Station Name: 1322

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.19199	112 19 57.59734	.619

Station Name: 1323

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.19912	112 19 57.67099	.619

Station Name: 1324

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.20507	112 19 57.71258	.619

Station Name: 1325

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.22289	112 19 57.82705	.619

Station Name: 1326

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.23257	112 19 57.92983	.619

Station Name: 1327

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.23386	112 19 57.94836	.619

Station Name: 1328

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.23728	112 19 57.97815	.619

Station Name: 1329

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.24972	112 19 58.06227	.619

Station Name: 1330

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.25793	112 19 58.12183	.619

Station Name: 1331

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.26117	112 19 58.15235	.619

Station Name: 1332

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.26676	112 19 58.19608	.619

Station Name: 1333

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.27357	112 19 58.26874	.619

Station Name: 1334

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.27752	112 19 58.28458	.619

Station Name: 1335

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.28755	112 19 58.36996	.619

Station Name: 1336

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.29868	112 19 58.45463	.619

Station Name: 1337

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.30350	112 19 58.53007	.619

Station Name: 1338

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.31749	112 19 58.62552	.619

Station Name: 1339

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.31800	112 19 58.65289	.619

Station Name: 1340

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.33849	112 19 58.82839	.619

Station Name: 1341

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.34368	112 19 58.86395	.619

Station Name: 1342

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.35152	112 19 58.91028	.619

Station Name: 1343

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.35643	112 19 58.94057	.619

Station Name: 1344

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.35613	112 19 58.97300	.619

Station Name: 1345

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.36371	112 19 59.01950	.619

Station Name: 1346

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.36617	112 19 59.05340	.619

Station Name: 1347

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.38355	112 19 59.17383	.619

Station Name: 1348

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.39332	112 19 59.20955	.619

Station Name: 1349

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.39002	112 19 59.23320	.619

Station Name: 1350

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.40131	112 19 59.30996	.619

Station Name: 1351

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.41162	112 19 59.43348	.619

Station Name: 1352

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.42487	112 19 59.55042	.618

Station Name: 1353

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.44155	112 19 59.68998	.618

Station Name: 1354

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.45684	112 19 59.80739	.618

Station Name: 1355

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.46259	112 19 59.85507	.618

Station Name: 1356

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.46962	112 19 59.89335	.618

Station Name: 1357

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.47383	112 19 59.98066	.618

Station Name: 1358

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.48358	112 20 .00587	.618

Station Name: 1359

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.48618	112 20 .06061	.618

Station Name: 1360

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.49209	112 20 .11245	.618

Station Name: 1361

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.50169	112 20 .18254	.618

Station Name: 1362

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.50716	112 20 .21187	.618

Station Name: 1363

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.51023	112 20 .22781	.618

Station Name: 1364

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.51830	112 20 .32562	.618

Station Name: 1365

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.52292	112 20 .36383	.618

Station Name: 1366

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.53485	112 20 .41762	.618

Station Name: 1367

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.53616	112 20 .44608	.618

Station Name: 1368

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.53838	112 20 .48532	.618

Station Name: 1369

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.54443	112 20 .54169	.618

Station Name: 1370

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.55142	112 20 .59444	.618

Station Name: 1371

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.55885	112 20 .66323	.618

Station Name: 1372

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.56587	112 20 .73049	.618

Station Name: 1373

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.58309	112 20 .85357	.618

Station Name: 1374

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.59710	112 20 .98682	.618

Station Name: 1375

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.60611	112 20 1.05924	.618

Station Name: 1376

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.60959	112 20 1.10468	.618

Station Name: 1377

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.61605	112 20 1.15204	.618

Station Name: 1378

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.62122	112 20 1.18841	.618

Station Name: 1379

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.63005	112 20 1.24707	.618

Station Name: 1380

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.63270	112 20 1.27034	.618

Station Name: 1381

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.64544	112 20 1.35664	.618

Station Name: 1382

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.65151	112 20 1.43412	.618

Station Name: 1383

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.66239	112 20 1.48963	.618

Station Name: 1384

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.66708	112 20 1.54270	.618

Station Name: 1385

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.67714	112 20 1.63364	.618

Station Name: 1386

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.68519	112 20 1.67568	.618

Station Name: 1387

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.68455	112 20 1.71099	.618

Station Name: 1388

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.70670	112 20 1.92169	.618

Station Name: 1389

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.72670	112 20 2.07638	.618

Station Name: 1390

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.73758	112 20 2.12737	.618

Station Name: 1391

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.74009	112 20 2.16635	.618

Station Name: 1392

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.74440	112 20 2.18988	.618

Station Name: 1393

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.74083	112 20 2.23314	.618

Station Name: 1394

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.74986	112 20 2.28576	.618

Station Name: 1395

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.76095	112 20 2.31005	.618

Station Name: 1396

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.77669	112 20 2.48034	.618

Station Name: 1397

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.78162	112 20 2.51232	.618

Station Name: 1398

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.78839	112 20 2.54302	.618

Station Name: 1399

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.79142	112 20 2.61279	.618

Station Name: 1400

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.79981	112 20 2.66309	.618

Station Name: 1401

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.81058	112 20 2.71064	.618

Station Name: 1402

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.81140	112 20 2.74571	.618

Station Name: 1403

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.81700	112 20 2.80145	.618

Station Name: 1404

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.82193	112 20 2.85106	.618

Station Name: 1405

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.83694	112 20 2.98250	.618

Station Name: 1406

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.84278	112 20 3.01619	.618

Station Name: 1407

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.85024	112 20 3.06006	.618

Station Name: 1408

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.86697	112 20 3.23511	.618

Station Name: 1409

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.86943	112 20 3.25892	.618

Station Name: 1410

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.87658	112 20 3.29279	.618

Station Name: 1411

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.90480	112 20 3.49977	.618

Station Name: 1412

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.90752	112 20 3.53685	.618

Station Name: 1413

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.91421	112 20 3.61693	.618

Station Name: 1414

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.92053	112 20 3.66253	.618

Station Name: 1415

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.93352	112 20 3.73161	.618

Station Name: 1416

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.94198	112 20 3.84995	.618

Station Name: 1417

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.94505	112 20 3.89817	.618

Station Name: 1418

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.95751	112 20 3.95248	.618

Station Name: 1419

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.96131	112 20 4.01047	.618

Station Name: 1420

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.97059	112 20 4.08178	.618

Station Name: 1421

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.98833	112 20 4.21063	.618

Station Name: 1422

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.99020	112 20 4.25420	.618

Station Name: 1423

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.00298	112 20 4.37800	.618

Station Name: 1424

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.01306	112 20 4.45342	.618

Station Name: 1425

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.01492	112 20 4.48471	.618

Station Name: 1426

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.02206	112 20 4.52413	.618

Station Name: 1427

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.03615	112 20 4.63091	.618

Station Name: 1428

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.04178	112 20 4.68071	.618

Station Name: 1429

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.04842	112 20 4.71485	.618

Station Name: 1430

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.06509	112 20 4.89643	.618

Station Name: 1431

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.09053	112 20 5.08173	.618

Station Name: 1432

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.09904	112 20 5.17621	.618

Station Name: 1433

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.10053	112 20 5.20429	.618

Station Name: 1434

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.12577	112 20 5.38418	.618

Station Name: 1435

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.13400	112 20 5.43454	.618

Station Name: 1436

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.15001	112 20 5.55451	.618

Station Name: 1437

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.16410	112 20 5.68596	.618

Station Name: 1438

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.16702	112 20 5.72922	.618

Station Name: 1439

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.17703	112 20 5.80442	.618

Station Name: 1440

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.18004	112 20 5.86828	.618

Station Name: 1441

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.19125	112 20 5.93756	.618

Station Name: 1442

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.20461	112 20 5.99634	.618

Station Name: 1443

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.20891	112 20 6.06747	.618

Station Name: 1444

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.21935	112 20 6.15769	.618

Station Name: 1445

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.22268	112 20 6.20035	.618

Station Name: 1446

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.23839	112 20 6.30334	.618

Station Name: 1447

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.25713	112 20 6.47867	.618

Station Name: 1448

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.26577	112 20 6.54261	.618

Station Name: 1449

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.27100	112 20 6.61088	.618

Station Name: 1450

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.29551	112 20 6.78508	.618

Station Name: 1451

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.29866	112 20 6.85091	.618

Station Name: 1452

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.30955	112 20 6.95948	.618

Station Name: 1453

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.31810	112 20 6.98716	.618

Station Name: 1454

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.32806	112 20 7.07605	.618

Station Name: 1455

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.33662	112 20 7.15504	.618

Station Name: 1456

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.34133	112 20 7.19208	.618

Station Name: 1457

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.35574	112 20 7.30911	.618

Station Name: 1458

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.35499	112 20 7.32228	.618

Station Name: 1459

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.37138	112 20 7.42842	.618

Station Name: 1460

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.37414	112 20 7.48868	.618

Station Name: 1461

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.37723	112 20 7.51988	.618

Station Name: 1462

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.38821	112 20 7.57400	.618

Station Name: 1463

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.38956	112 20 7.61606	.618

Station Name: 1464

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.39176	112 20 7.64223	.618

Station Name: 1465

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.41316	112 20 7.79418	.618

Station Name: 1466

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.42105	112 20 7.83922	.618

Station Name: 1467

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.42231	112 20 7.88450	.618

Station Name: 1468

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.42618	112 20 7.91116	.618

Station Name: 1469

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.42966	112 20 7.93879	.618

Station Name: 1470

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.43935	112 20 8.00092	.618

Station Name: 1471

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.44446	112 20 8.04039	.618

Station Name: 1472

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.44959	112 20 8.08659	.618

Station Name: 1473

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.46247	112 20 8.20942	.618

Station Name: 1474

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.47099	112 20 8.24696	.618

Station Name: 1475

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.47526	112 20 8.33649	.618

Station Name: 1476

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.48727	112 20 8.43358	.618

Station Name: 1477

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.50231	112 20 8.51503	.618

Station Name: 1478

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.50348	112 20 8.55958	.618

Station Name: 1479

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.52048	112 20 8.69884	.618

Station Name: 1480

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.53903	112 20 8.85222	.618

Station Name: 1481

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.55581	112 20 8.97844	.618

Station Name: 1482

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.56953	112 20 9.07759	.618

Station Name: 1483

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.57290	112 20 9.12197	.618

Station Name: 1484

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.58134	112 20 9.19244	.618

Station Name: 1485

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.58536	112 20 9.23914	.618

Station Name: 1486

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.58796	112 20 9.28708	.618

Station Name: 1487

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.60035	112 20 9.34198	.618

Station Name: 1488

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.60727	112 20 9.41599	.618

Station Name: 1489

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.61600	112 20 9.51548	.618

Station Name: 1490

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.62753	112 20 9.58613	.618

Station Name: 1491

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.63345	112 20 9.61150	.618

Station Name: 1492

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.63654	112 20 9.62877	.618

Station Name: 1493

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.63680	112 20 9.64232	.618

Station Name: 1494

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.63430	112 20 9.66353	.618

Station Name: 1495

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.93414	112 20 9.65160	.617

Station Name: 1496

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.92988	112 20 9.60374	.617

Station Name: 1497

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.91576	112 20 9.47629	.617

Station Name: 1498

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.89469	112 20 9.30320	.617

Station Name: 1499

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.86576	112 20 9.06793	.617

Station Name: 1500

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.83861	112 20 8.84145	.617

Station Name: 1501

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.80988	112 20 8.60074	.618

Station Name: 1502

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.78204	112 20 8.36873	.618

Station Name: 1503

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.75396	112 20 8.13471	.618

Station Name: 1504

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.72756	112 20 7.91246	.618

Station Name: 1505

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.69791	112 20 7.66513	.618

Station Name: 1506

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.67037	112 20 7.43575	.618

Station Name: 1507

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.64198	112 20 7.19814	.618

Station Name: 1508

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.61488	112 20 6.96952	.618

Station Name: 1509

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.58649	112 20 6.73223	.618

Station Name: 1510

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.55798	112 20 6.49459	.618

Station Name: 1511

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.53061	112 20 6.26057	.618

Station Name: 1512

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.50284	112 20 6.02822	.618

Station Name: 1513

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.47409	112 20 5.79764	.618

Station Name: 1514

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.44578	112 20 5.55793	.618

Station Name: 1515

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.41831	112 20 5.32747	.618

Station Name: 1516

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.39061	112 20 5.09134	.618

Station Name: 1517

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.36323	112 20 4.85685	.618

Station Name: 1518

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.33357	112 20 4.62597	.618

Station Name: 1519

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.30630	112 20 4.39157	.618

Station Name: 1520

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.27902	112 20 4.15897	.618

Station Name: 1521

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.25110	112 20 3.92979	.618

Station Name: 1522

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.22242	112 20 3.69040	.618

Station Name: 1523

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.19498	112 20 3.45947	.618

Station Name: 1524

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.16583	112 20 3.21986	.618

Station Name: 1525

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.13843	112 20 2.99550	.618

Station Name: 1526

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.10983	112 20 2.75902	.618

Station Name: 1527

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.08198	112 20 2.52509	.618

Station Name: 1528

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.05450	112 20 2.29370	.618

Station Name: 1529

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 22.02743	112 20 2.05410	.618

Station Name: 1530

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.99826	112 20 1.81986	.618

Station Name: 1531

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.97124	112 20 1.58621	.618

Station Name: 1532

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.94291	112 20 1.35493	.618

Station Name: 1533

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.91445	112 20 1.12001	.618

Station Name: 1534

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.88666	112 20 .88693	.618

Station Name: 1535

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.85723	112 20 .64639	.618

Station Name: 1536

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.83011	112 20 .41701	.618

Station Name: 1537

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.80286	112 20 .18668	.618

Station Name: 1538

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.77473	112 19 59.95242	.618

Station Name: 1539

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.74731	112 19 59.72236	.618

Station Name: 1540

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.71911	112 19 59.48190	.618

Station Name: 1541

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.69068	112 19 59.25053	.618

Station Name: 1542

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.66184	112 19 59.01271	.618

Station Name: 1543

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.63527	112 19 58.78244	.618

Station Name: 1544

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.60744	112 19 58.54886	.619

Station Name: 1545

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.57903	112 19 58.31728	.619

Station Name: 1546

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.55060	112 19 58.08439	.619

Station Name: 1547

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.52203	112 19 57.84970	.619

Station Name: 1548

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.49472	112 19 57.61519	.619

Station Name: 1549

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.46596	112 19 57.38186	.619

Station Name: 1550

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.43854	112 19 57.14835	.619

Station Name: 1551

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.41046	112 19 56.91535	.619

Station Name: 1552

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.38272	112 19 56.68351	.619

Station Name: 1553

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.35488	112 19 56.44775	.619

Station Name: 1554

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.32784	112 19 56.21677	.619

Station Name: 1555

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.29965	112 19 55.97974	.619

Station Name: 1556

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.27139	112 19 55.74683	.619

Station Name: 1557

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.24353	112 19 55.51076	.619

Station Name: 1558

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.21474	112 19 55.27622	.619

Station Name: 1559

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.18703	112 19 55.04052	.619

Station Name: 1560

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.15944	112 19 54.81109	.619

Station Name: 1561

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.13174	112 19 54.57669	.619

Station Name: 1562

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.10390	112 19 54.34643	.619

Station Name: 1563

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.07508	112 19 54.10850	.619

Station Name: 1564

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.04731	112 19 53.87682	.619

Station Name: 1565

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 21.01963	112 19 53.64115	.619

Station Name: 1566

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 20.99282	112 19 53.42704	.619

Station Name: 1567

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 20.98639	112 19 53.36935	.619

Station Name: 1568

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 38.73222	112 19 15.45335	.601

Station Name: 1569

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 56.17339	112 19 45.90977	.610

Station Name: 1570

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 56.06979	112 19 45.76901	.610

Station Name: 1571

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 55.96742	112 19 45.62962	.610

Station Name: 1572

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 55.83534	112 19 45.44908	.610

Station Name: 1573

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 55.70642	112 19 45.27113	.610

Station Name: 1574

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 55.57436	112 19 45.09528	.610

Station Name: 1575

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 55.44384	112 19 44.91614	.610

Station Name: 1576

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 55.31224	112 19 44.73925	.610

Station Name: 1577

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 55.18319	112 19 44.56159	.610

Station Name: 1578

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 55.05205	112 19 44.38361	.610

Station Name: 1579

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 54.92245	112 19 44.20584	.610

Station Name: 1580

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 54.79196	112 19 44.02894	.611

Station Name: 1581

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 54.65976	112 19 43.84892	.611

Station Name: 1582

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 54.53102	112 19 43.67497	.611

Station Name: 1583

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 54.39938	112 19 43.49516	.611

Station Name: 1584

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 54.27115	112 19 43.31925	.611

Station Name: 1585

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 54.13720	112 19 43.14014	.611

Station Name: 1586

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 52.96645	112 19 31.87788	.612

Station Name: 1587

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 53.06953	112 19 32.02039	.612

Station Name: 1588

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 53.19647	112 19 32.19330	.612

Station Name: 1589

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 53.32686	112 19 32.37056	.612

Station Name: 1590

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 53.45762	112 19 32.54821	.612

Station Name: 1591

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 53.58686	112 19 32.72211	.612

Station Name: 1592

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 53.63854	112 19 32.79155	.612

Station Name: 1593

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 53.67095	112 19 32.84008	.612

Station Name: 1594

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 53.73523	112 19 32.92409	.612

Station Name: 1595

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 53.76748	112 19 32.96672	.612

Station Name: 1596

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 53.81374	112 19 33.03143	.612

Station Name: 1597

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 53.84557	112 19 33.07823	.612

Station Name: 1598

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 53.97565	112 19 33.25116	.612

Station Name: 1599

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 54.02393	112 19 33.31766	.612

Station Name: 1600

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 54.06514	112 19 33.37547	.612

Station Name: 1601

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 54.11602	112 19 33.44242	.612

Station Name: 1602

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 54.24086	112 19 33.61287	.611

Station Name: 1603

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 54.37026	112 19 33.79163	.611

Station Name: 1604

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 54.50274	112 19 33.97016	.611

Station Name: 1605

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 54.63143	112 19 34.14539	.611

Station Name: 1606

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 54.76420	112 19 34.32413	.611

Station Name: 1607

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 54.89626	112 19 34.50203	.611

Station Name: 1608

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 27 52.87753	112 19 31.75756	.612

Station Name: 1609

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 36.46466	112 19 2.40651	.603

Station Name: 1610

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 38.41322	112 19 15.35672	.601

Station Name: 1611

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 38.39830	112 19 15.29325	.601

Station Name: 1612

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 38.37806	112 19 15.15258	.601

Station Name: 1613

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 38.34124	112 19 14.95061	.601

Station Name: 1614

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 38.29964	112 19 14.72573	.601

Station Name: 1615

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 38.26871	112 19 14.53510	.601

Station Name: 1616

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 38.24936	112 19 14.42928	.601

Station Name: 1617

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 38.24666	112 19 14.39813	.601

Station Name: 1618

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 38.24333	112 19 14.37180	.601

Station Name: 1619

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 38.21870	112 19 14.26821	.601

Station Name: 1620

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 38.22181	112 19 14.24181	.601

Station Name: 1621

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 38.20997	112 19 14.19789	.601

Station Name: 1622

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 38.17817	112 19 14.00576	.601

Station Name: 1623

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 38.14251	112 19 13.78757	.602

Station Name: 1624

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 38.14039	112 19 13.76429	.602

Station Name: 1625

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 38.12460	112 19 13.69689	.602

Station Name: 1626

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 38.12270	112 19 13.66306	.602

Station Name: 1627

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 38.11034	112 19 13.60497	.602

Station Name: 1628

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 38.10640	112 19 13.58087	.602

Station Name: 1629

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 38.08911	112 19 13.49488	.602

Station Name: 1630

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 38.09035	112 19 13.47318	.602

Station Name: 1631

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 38.04825	112 19 13.28602	.602

Station Name: 1632

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 38.04303	112 19 13.22816	.602

Station Name: 1633

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 38.03320	112 19 13.18867	.602

Station Name: 1634

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 38.02072	112 19 13.10218	.602

Station Name: 1635

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 38.00941	112 19 13.06143	.602

Station Name: 1636

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 38.00290	112 19 12.99298	.602

Station Name: 1637

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.97252	112 19 12.81014	.602

Station Name: 1638

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.96463	112 19 12.77884	.602

Station Name: 1639

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.95454	112 19 12.73214	.602

Station Name: 1640

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.94765	112 19 12.68114	.602

Station Name: 1641

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.91439	112 19 12.47034	.602

Station Name: 1642

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.90629	112 19 12.43756	.602

Station Name: 1643

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.88669	112 19 12.32444	.602

Station Name: 1644

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.88288	112 19 12.28413	.602

Station Name: 1645

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.86853	112 19 12.22276	.602

Station Name: 1646

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.85056	112 19 12.11568	.602

Station Name: 1647

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.84574	112 19 12.09263	.602

Station Name: 1648

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.81926	112 19 11.91452	.602

Station Name: 1649

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.81290	112 19 11.89414	.602

Station Name: 1650

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.79593	112 19 11.81808	.602

Station Name: 1651

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.79261	112 19 11.76561	.602

Station Name: 1652

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.78356	112 19 11.72504	.602

Station Name: 1653

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.77515	112 19 11.66488	.602

Station Name: 1654

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.75787	112 19 11.59263	.602

Station Name: 1655

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.74862	112 19 11.52043	.602

Station Name: 1656

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.72816	112 19 11.40558	.602

Station Name: 1657

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.69329	112 19 11.24480	.602

Station Name: 1658

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.68962	112 19 11.20139	.602

Station Name: 1659

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.68238	112 19 11.13755	.602

Station Name: 1660

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.67624	112 19 11.09355	.602

Station Name: 1661

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.65944	112 19 11.01466	.602

Station Name: 1662

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.64082	112 19 10.90671	.602

Station Name: 1663

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.62853	112 19 10.85281	.602

Station Name: 1664

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.60882	112 19 10.71008	.602

Station Name: 1665

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.60155	112 19 10.68921	.602

Station Name: 1666

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.56624	112 19 10.50086	.602

Station Name: 1667

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.56535	112 19 10.47058	.602

Station Name: 1668

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.55110	112 19 10.37795	.602

Station Name: 1669

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.53995	112 19 10.34343	.602

Station Name: 1670

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.53538	112 19 10.30528	.602

Station Name: 1671

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.53022	112 19 10.26919	.602

Station Name: 1672

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.52587	112 19 10.24562	.602

Station Name: 1673

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.51572	112 19 10.18888	.602

Station Name: 1674

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.50436	112 19 10.10955	.602

Station Name: 1675

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.48696	112 19 10.02079	.602

Station Name: 1676

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.47609	112 19 9.96603	.602

Station Name: 1677

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.45951	112 19 9.87240	.602

Station Name: 1678

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.44598	112 19 9.81812	.602

Station Name: 1679

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.44167	112 19 9.75920	.602

Station Name: 1680

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.43634	112 19 9.71452	.602

Station Name: 1681

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.43062	112 19 9.68115	.602

Station Name: 1682

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.42389	112 19 9.65493	.602

Station Name: 1683

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.40387	112 19 9.55774	.602

Station Name: 1684

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.38146	112 19 9.42158	.602

Station Name: 1685

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.36349	112 19 9.33509	.602

Station Name: 1686

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.35348	112 19 9.27320	.602

Station Name: 1687

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.34627	112 19 9.22541	.602

Station Name: 1688

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.32422	112 19 9.09865	.602

Station Name: 1689

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.29296	112 19 8.89489	.602

Station Name: 1690

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.25858	112 19 8.72547	.602

Station Name: 1691

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.24977	112 19 8.68830	.602

Station Name: 1692

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.23691	112 19 8.58572	.602

Station Name: 1693

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.22617	112 19 8.54150	.602

Station Name: 1694

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.22236	112 19 8.50135	.602

Station Name: 1695

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.19690	112 19 8.35452	.602

Station Name: 1696

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.17839	112 19 8.26737	.602

Station Name: 1697

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.17124	112 19 8.20753	.602

Station Name: 1698

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.14767	112 19 8.06143	.602

Station Name: 1699

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.11038	112 19 7.87574	.602

Station Name: 1700

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.07922	112 19 7.66748	.602

Station Name: 1701

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.06426	112 19 7.61298	.602

Station Name: 1702

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.03073	112 19 7.41669	.602

Station Name: 1703

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.02410	112 19 7.35897	.602

Station Name: 1704

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 36.99941	112 19 7.21200	.602

Station Name: 1705

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 36.99181	112 19 7.16434	.602

Station Name: 1706

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 36.98119	112 19 7.13010	.602

Station Name: 1707

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 36.97368	112 19 7.09510	.602

Station Name: 1708

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 36.96502	112 19 7.03587	.602

Station Name: 1709

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 36.93943	112 19 6.91613	.602

Station Name: 1710

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 36.93612	112 19 6.85973	.602

Station Name: 1711

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 36.92901	112 19 6.82023	.602

Station Name: 1712

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 36.92220	112 19 6.78752	.602

Station Name: 1713

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 36.88498	112 19 6.55301	.602

Station Name: 1714

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 36.84184	112 19 6.33711	.602

Station Name: 1715

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 36.80523	112 19 6.12478	.603

Station Name: 1716

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 36.76856	112 19 5.89843	.603

Station Name: 1717

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 36.73936	112 19 5.72241	.603

Station Name: 1718

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 36.72566	112 19 5.65987	.603

Station Name: 1719

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 36.71896	112 19 5.61031	.603

Station Name: 1720

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 36.70288	112 19 5.50866	.603

Station Name: 1721

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 36.68665	112 19 5.42974	.603

Station Name: 1722

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 36.64976	112 19 5.22195	.603

Station Name: 1723

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 36.62502	112 19 5.08420	.603

Station Name: 1724

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 36.60354	112 19 4.96714	.603

Station Name: 1725

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 36.59766	112 19 4.92150	.603

Station Name: 1726

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 36.57776	112 19 4.81773	.603

Station Name: 1727

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 36.56419	112 19 4.75401	.603

Station Name: 1728

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 36.55875	112 19 4.65880	.603

Station Name: 1729

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 36.54927	112 19 4.61465	.603

Station Name: 1730

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 36.52884	112 19 4.48404	.603

Station Name: 1731

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 36.51331	112 19 4.42381	.603

Station Name: 1732

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 36.50581	112 19 4.36615	.603

Station Name: 1733

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 36.46596	112 19 4.16856	.603

Station Name: 1734

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 36.45463	112 19 4.11279	.603

Station Name: 1735

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 36.43762	112 19 4.02598	.603

Station Name: 1736

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 36.42995	112 19 3.96318	.603

Station Name: 1737

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 36.41988	112 19 3.91421	.603

Station Name: 1738

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 36.41163	112 19 3.86917	.603

Station Name: 1739

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 36.39125	112 19 3.76395	.603

Station Name: 1740

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 36.38169	112 19 3.65108	.603

Station Name: 1741

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 36.37592	112 19 3.63606	.603

Station Name: 1742

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 36.36054	112 19 3.54820	.603

Station Name: 1743

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 36.35526	112 19 3.53123	.603

Station Name: 1744

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 36.33303	112 19 3.39440	.603

Station Name: 1745

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 36.29739	112 19 3.19668	.603

Station Name: 1746

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 36.26251	112 19 2.99197	.603

Station Name: 1747

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 36.22830	112 19 2.79360	.603

Station Name: 1748

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 36.20521	112 19 2.66128	.603

Station Name: 1749

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 36.19957	112 19 2.63941	.603

Station Name: 1750

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 36.49338	112 19 2.56991	.603

Station Name: 1751

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 36.49877	112 19 2.60653	.603

Station Name: 1752

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 36.51163	112 19 2.67996	.603

Station Name: 1753

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 36.54287	112 19 2.85966	.603

Station Name: 1754

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 36.58156	112 19 3.08306	.603

Station Name: 1755

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 36.62088	112 19 3.30985	.603

Station Name: 1756

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 36.66247	112 19 3.55005	.603

Station Name: 1757

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 36.70324	112 19 3.78001	.603

Station Name: 1758

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 36.74216	112 19 4.01304	.603

Station Name: 1759

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 36.78452	112 19 4.24196	.603

Station Name: 1760

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 36.82340	112 19 4.47443	.603

Station Name: 1761

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 36.86390	112 19 4.70630	.603

Station Name: 1762

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 36.90360	112 19 4.93592	.603

Station Name: 1763

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 36.94541	112 19 5.16770	.603

Station Name: 1764

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 36.98106	112 19 5.37366	.603

Station Name: 1765

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.00645	112 19 5.52945	.603

Station Name: 1766

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.03296	112 19 5.67476	.603

Station Name: 1767

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.06468	112 19 5.85979	.602

Station Name: 1768

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.10560	112 19 6.09290	.602

Station Name: 1769

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.14513	112 19 6.32549	.602

Station Name: 1770

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.18528	112 19 6.55576	.602

Station Name: 1771

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.22683	112 19 6.79215	.602

Station Name: 1772

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.26618	112 19 7.02228	.602

Station Name: 1773

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.30618	112 19 7.25112	.602

Station Name: 1774

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.34684	112 19 7.48135	.602

Station Name: 1775

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.38631	112 19 7.71180	.602

Station Name: 1776

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.42573	112 19 7.94250	.602

Station Name: 1777

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.46677	112 19 8.17391	.602

Station Name: 1778

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.50732	112 19 8.40421	.602

Station Name: 1779

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.54807	112 19 8.63712	.602

Station Name: 1780

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.58778	112 19 8.86847	.602

Station Name: 1781

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.62808	112 19 9.09931	.602

Station Name: 1782

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.66914	112 19 9.33224	.602

Station Name: 1783

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.70842	112 19 9.56299	.602

Station Name: 1784

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.74912	112 19 9.79490	.602

Station Name: 1785

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.78921	112 19 10.02538	.602

Station Name: 1786

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.82891	112 19 10.25585	.602

Station Name: 1787

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.86997	112 19 10.49254	.602

Station Name: 1788

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.90844	112 19 10.72213	.602

Station Name: 1789

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.94980	112 19 10.95027	.602

Station Name: 1790

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 37.98991	112 19 11.18668	.602

Station Name: 1791

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 38.03156	112 19 11.41225	.602

Station Name: 1792

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 38.06971	112 19 11.64230	.602

Station Name: 1793

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 38.10981	112 19 11.87554	.602

Station Name: 1794

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 38.15068	112 19 12.11252	.602

Station Name: 1795

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 38.19184	112 19 12.33776	.602

Station Name: 1796

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 38.23139	112 19 12.56802	.602

Station Name: 1797

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 38.27035	112 19 12.79816	.602

Station Name: 1798

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 38.31129	112 19 13.03030	.602

Station Name: 1799

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 38.35123	112 19 13.26152	.602

Station Name: 1800

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 38.39047	112 19 13.49146	.601

Station Name: 1801

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 38.43187	112 19 13.72413	.601

Station Name: 1802

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 38.47022	112 19 13.95492	.601

Station Name: 1803

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 38.51226	112 19 14.18584	.601

Station Name: 1804

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 38.55267	112 19 14.41820	.601

Station Name: 1805

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 38.59172	112 19 14.64787	.601

Station Name: 1806

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 38.63395	112 19 14.87940	.601

Station Name: 1807

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 38.67228	112 19 15.10633	.601

Station Name: 1808

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 38.69039	112 19 15.21156	.601

Station Name: 1809

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 28 38.70178	112 19 15.28145	.601

Station Name: 1810

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 29 37.77687	112 18 44.94840	.589

Station Name: 1811

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 29 37.85605	112 18 45.06107	.589

Station Name: 1812

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 29 37.89154	112 18 45.11058	.589

Station Name: 1813

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 29 37.92250	112 18 45.14444	.589

Station Name: 1814

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 29 37.93612	112 18 45.17538	.589

Station Name: 1815

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 29 37.95203	112 18 45.19699	.589

Station Name: 1816

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 29 37.99403	112 18 45.25605	.589

Station Name: 1817

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 29 38.09395	112 18 45.40114	.589

Station Name: 1818

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 29 38.22109	112 18 45.58153	.589

Station Name: 1819

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 29 38.34659	112 18 45.76266	.589

Station Name: 1820

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 29 38.45268	112 18 45.91616	.589

Station Name: 1821

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 29 38.51285	112 18 46.00061	.589

Station Name: 1822

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 29 38.54989	112 18 46.06042	.589

Station Name: 1823

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 29 38.58424	112 18 46.10850	.589

Station Name: 1824

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 29 38.60306	112 18 46.13108	.589

Station Name: 1825

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 29 38.73050	112 18 46.31214	.589

Station Name: 1826

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 29 38.85133	112 18 46.48548	.589

Station Name: 1827

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 29 38.90747	112 18 46.56538	.589

Station Name: 1828

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 29 38.92588	112 18 46.59459	.589

Station Name: 1829

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 29 39.01744	112 18 46.72306	.588

Station Name: 1830

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 29 39.10493	112 18 46.84687	.588

Station Name: 1831

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 29 39.23252	112 18 47.03369	.588

Station Name: 1832

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 29 39.35793	112 18 47.21386	.588

Station Name: 1833

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 29 39.45682	112 18 47.35044	.588

Station Name: 1834

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 29 39.47875	112 18 47.38623	.588

Station Name: 1835

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 29 39.61343	112 18 47.57859	.588

Station Name: 1836

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 29 39.74047	112 18 47.75863	.588

Station Name: 1837

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 29 40.97921	112 19 2.58322	.586

Station Name: 1838

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 29 40.97245	112 19 2.54012	.586

Station Name: 1839

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 29 40.94250	112 19 2.35246	.586

Station Name: 1840

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 29 40.92241	112 19 2.24463	.586

Station Name: 1841

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 29 40.90868	112 19 2.15216	.586

Station Name: 1842

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 29 40.87322	112 19 1.92860	.586

Station Name: 1843

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 29 40.83695	112 19 1.69665	.586

Station Name: 1844

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 29 40.80115	112 19 1.48211	.586

Station Name: 1845

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 29 40.75779	112 19 1.22586	.587

Station Name: 1846

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 29 40.72460	112 19 1.00382	.587

Station Name: 1847

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 29 40.68443	112 19 .76674	.587

Station Name: 1848

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 29 40.64848	112 19 .53730	.587

Station Name: 1849

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 29 40.61058	112 19 .30499	.587

Station Name: 1850

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 29 40.57299	112 19 .07402	.587

Station Name: 1851

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 29 40.53467	112 18 59.84043	.587

Station Name: 1852

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 29 40.49753	112 18 59.61016	.587

Station Name: 1853

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 29 40.46174	112 18 59.37297	.587

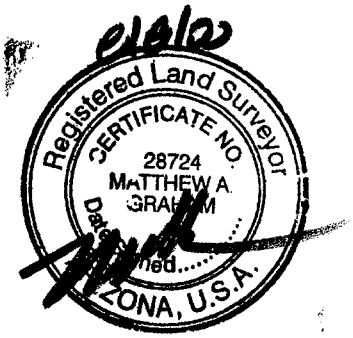
Station Name: 1854

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 29 40.42059	112 18 59.14279	.587

Technical Data Notebook
For the
Land Subsidence Evaluation of the Upper Agua Fria Levees
FCD Contract No. 99-067, Assignment 1
Portions of Tasks 3, 4 and 5
(Northern Avenue to Greenway Road)

Surveyed By;
SurvNet, Inc.
150 N. Stapley #105
Mesa, AZ 85203
(480)835-9070

Provided for:
Premier Engineering Corporation
1600 W. Broadway Rd. #165
Tempe, AZ 85282
(480)829-6000



```
SC V07          Copyright Trimble Navigation Ltd, 1996.
        Serial no 9          05-Aug-00 09:34
        Angle Degrees        Dist Feet          Press inch Hg
        Temp Fahrenheit      Coord N-E-Elv      H.obs Right

JOB     Job ID 4004ph3
        Atmos crn No         C and R crn Yes    Refrac cnst 0.20
        Elev Yes             Sea level crn No

PROJ    TM  Transverse Mercator
        Orig Lat  31°00'00"N          Orig Nrth 0.000
        Orig Lng  111°55'00"W         Orig East 700000.000
        Orig Hgt  0.000               Orig Elev 0.000
        Orient 1  0°00'00"            Orient 2  0°00'00"
        Scale     0.9999

LOCELL  TM  Local Rad 20925646.325          Flat.    298.2572215381

DATUM   TM  Molodensky
        Srce Rad  20925646.325        Srce Flat 298.257223563
        Rotn X    0°00'00"            Rotn Y    0°00'00"
        Rotn Z    0°00'00"            Trans X   0.000
        Trans Y   0.000               Trans Z   0.000
        Scale     0

GPSANT  KI  Antenna ht 0.000                Measuremt True

ORIENTATIONNMAzmth    From North          Dir      North and East

HGTADJ  TM  Geoid model + plane
        Orig Nrth 878429.839          Slope N   0
        Orig East 559394.226          Slope E   0
        Hgt Const 0.135
        Geoid     geoid99

NOTE    NM  4004ph3

GRDPOS  KI  Point ID BAS1       Nrth 894110.063       East 573558.368
        Class Normal        Elv  987.915        Code <no text>
        Mthd User Input

GRDPOS  KI  Point ID BAS2       Nrth 912547.158       East 582390.448
        Class Normal        Elv  1032.144       Code <no text>
        Mthd User Input
```

```
GRDPOS  KI  Point ID BAS3       Nrth 941481.423       East 594595.629
        Class Normal        Elv  1130.594        Code <no text>
        Mthd User Input

GRDPOS  KI  Point ID BED1       Nrth 928264.060       East 517921.993
        Class Normal        Elv  1516.960        Code <no text>
        Mthd User Input

GRDPOS  KI  Point ID E475       Nrth 979343.979       East 613661.958
        Class Normal        Elv  1364.187        Code <no text>
        Mthd User Input

GRDPOS  KI  Point ID LITC       Nrth 917127.275       East 564284.523
        Class Normal        Elv  1121.263        Code <no text>
        Mthd User Input

GRDPOS  KI  Point ID LITE       Nrth 882467.391       East 578528.514
        Class Normal        Elv  983.237         Code <no text>
        Mthd User Input

GRDPOS  KI  Point ID NORT       Nrth 928515.556       East 596852.569
        Class Normal        Elv  1097.972        Code <no text>
        Mthd User Input

GRDPOS  KI  Point ID Q366       Nrth 991733.774       East 569967.026
        Class Normal        Elv  1392.562        Code <no text>
        Mthd User Input

GRDPOS  KI  Point ID WW55       Nrth 878429.838       East 559394.227
        Class Normal        Elv  933.650         Code <no text>
        Mthd User Input

ORIENTATIONNMAzmth    From North          Dir      North and East

F FILE  FC  File                    Used     No
        ID      00000               Name

PLANE   KI  Orig Nrth <null>            Orig East <null>
        Trans N   <null>            Trans E   <null>
        Rotation  <null>            Scale     <null>

SURVEY  KI  Elev mask 10                PDOP mask 6.0
```

```
EQUIP  BA  Receiver  4800              Serial no 20141803
       Antenna  4800 Internal
       Method   Reading from hook using 4800 tape
       Tape adj  0.000              Serial no <no text>
       Radius   0.358              V.Const  0.104

SURVEY EVENTKISurvey event Base survey started

NOTE   TS  Time Date 07/12/2000 Time 15:58:45

EQUIP  BA  Receiver  4800              Serial no 20141803
       Antenna  4800 Internal
       Method   Reading from hook using 4800 tape
       Tape adj  0.000              Serial no <no text>
       Radius   0.358              V.Const  0.104

GPSANT  KI  Antenna ht 5.223              Measuremt Uncorrected

EQUIP  BA  Receiver  4800              Serial no 20141803
       Antenna  4800 Internal
       Method   Reading from hook using 4800 tape
       Tape adj  0.000              Serial no <no text>
       Radius   0.358              V.Const  0.104

GPSANT  KI  Antenna ht 5.223              Measuremt Uncorrected

EQUIP  BA  Receiver  4800              Serial no 20141803
       Antenna  4800 Internal
       Method   Reading from hook using 4800 tape
       Tape adj  0.000              Serial no <no text>
       Radius   0.358              V.Const  0.104

GPSANT  KI  Antenna ht 5.223              Measuremt Uncorrected

GPSREF  KI  Reference BAS3

EQUIP  NM  Receiver  4800              Serial no 20152374
       Antenna  4800 Internal
       Method   Measured to bottom of antenna mount
       Tape adj  0.000              Serial no <no text>
       Radius   0.000              V.Const  0.511

SURVEY EVENTKISurvey event Rover survey started

NOTE   TS  Time Date 07/12/2000 Time 15:59:18
```

```
SURVEY  KI  Elev mask 10                PDOP mask 6.0

EQUIP   NM  Receiver  4800              Serial no 20152374
        Antenna   4800 Internal
        Method    Measured to bottom of antenna mount
        Tape adj  0.000                 Serial no <no text>
        Radius    0.000                 V.Const   0.511

SURVEY EVENTKISurvey event Rover survey started

NOTE    TS  Time Date 07/12/2000 Time 15:59:36

GPSANT  KI  Antenna ht 0.000            Measuremt True

GPSPOS  SI  Point ID BAS3       Lat  33°35'15.17459"N  Lng  112°15'46.04952"W
        Class Check       Hgt  1031.922       Code <no text>
        Mthd User Input     H.pr <null>       V.pr <null>

GPSANT  KI  Antenna ht 5.315            Measuremt True

GPSREF  KI  Reference BAS3

INIT    KI  Init event    Gained          Week        1070
        Init type     On the fly        seconds     317687.0
        Init counter  1                 Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

EQUIP   NM  Receiver  4800              Serial no 20152374
        Antenna   4800 Internal
        Method    Measured to bottom of antenna mount
        Tape adj  0.000                 Serial no <no text>
        Radius    0.000                 V.Const   0.511

GPSANT  KI  Antenna ht 5.906            Measuremt Uncorrected

INIT    KI  Init event    Lost            Week        1070
        Init type     On the fly        seconds     317791.0
        Init counter  1                 Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

NOTE    TS  Time Date 07/12/2000 Time 16:35:30
```

```
INIT   KI  Init event   Gained          Week        1070
       Init type    On the fly        seconds     318942.0
       Init counter  2               Point ID     <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>

GPSVEC  TP  Point ID 101       DX  -4022.214       DY  -3048.273
       Class Normal        DZ  -6608.159       Code RM 9
       Mthd Phase Diff.    H.pr 0.035          V.pr 0.064

GPSQC1  NM  Min SVs      8              PDOP max  0.6
       Total GPS pos  10             HDOP max  0.3
       Monitor status Yes            VDOP max  0.5
       Horizontal SD  0.000           Vert SD   0.000
       Start wk 1070 sec 319008.0       End wk 1070   sec 319018.0

INIT   KI  Init event   Lost(RMS)        Week        1070
       Init type    On the fly        seconds     319023.0
       Init counter  2               Point ID     <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>

INIT   KI  Init event   Gained          Week        1070
       Init type    On the fly        seconds     319052.0
       Init counter  3               Point ID     <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>

GPSVEC  TP  Point ID 102       DX  -4022.246       DY  -3048.360
       Class Normal        DZ  -6608.196       Code RM 9
       Mthd Phase Diff.    H.pr 0.024          V.pr 0.044

GPSQC1  NM  Min SVs      8              PDOP max  0.8
       Total GPS pos  7              HDOP max  0.4
       Monitor status Yes            VDOP max  0.7
       Horizontal SD  0.000           Vert SD   0.000
       Start wk 1070 sec 319058.0       End wk 1070   sec 319064.0

INIT   KI  Init event   Lost            Week        1070
       Init type    On the fly        seconds     319078.0
       Init counter  3               Point ID     <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>
```

```
INIT    KI  Init event    Gained          Week        1070
        Init type    On the fly        seconds      319238.0
        Init counter  4               Point ID     <no text>
        Survey type   Real Time         Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

GPSVEC  TP  Point ID 103        DX  -4022.223        DY  -3048.293
        Class Normal        DZ  -6608.223        Code RM 9
        Mthd Phase Diff.    H.pr 0.020           V.pr 0.044

GPSQC1  NM  Min SVs       7              PDOP max  1.2
        Total GPS pos  8              HDOP max  0.5
        Monitor status Yes            VDOP max  1.1
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1070 sec 319265.0       End wk 1070   sec 319274.0

INIT    KI  Init event    Lost            Week        1070
        Init type    On the fly        seconds      319299.0
        Init counter  4               Point ID     <no text>
        Survey type   Real Time         Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

INIT    KI  Init event    Gained          Week        1070
        Init type    On the fly        seconds      319445.0
        Init counter  5               Point ID     <no text>
        Survey type   Real Time         Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

GPSVEC  TP  Point ID 104        DX  -5419.733        DY  -2495.695
        Class Normal        DZ  -6626.186        Code RM 9<2>
        Mthd Phase Diff.    H.pr 0.024           V.pr 0.052

GPSQC1  NM  Min SVs       7              PDOP max  1.1
        Total GPS pos  8              HDOP max  0.5
        Monitor status Yes            VDOP max  1.0
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1070 sec 319474.0       End wk 1070   sec 319481.0

INIT    KI  Init event    Lost            Week        1070
        Init type    On the fly        seconds      319485.0
        Init counter  5               Point ID     <no text>
        Survey type   Real Time         Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>
```

```
INIT   KI  Init event   Gained          Week        1070
       Init type    On the fly        seconds     319518.0
       Init counter  6               Point ID     <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>

GPSVEC TP  Point ID 105       DX  -5419.739       DY  -2495.706
       Class Normal        DZ  -6626.187       Code RM 9<2>
       Mthd Phase Diff.    H.pr 0.026          V.pr 0.055

GPSQC1 NM  Min SVs      7              PDOP max  1.2
       Total GPS pos  6              HDOP max  0.5
       Monitor status Yes            VDOP max  1.1
       Horizontal SD  0.000           Vert SD   0.000
       Start wk 1070 sec 319523.0      End wk 1070   sec 319529.0

INIT   KI  Init event   Lost          Week        1070
       Init type    On the fly        seconds     319574.0
       Init counter  6               Point ID     <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>

INIT   KI  Init event   Gained          Week        1070
       Init type    On the fly        seconds     319826.0
       Init counter  7               Point ID     <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>

INIT   KI  Init event   Lost          Week        1070
       Init type    On the fly        seconds     319850.0
       Init counter  7               Point ID     <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>

INIT   KI  Init event   Gained          Week        1070
       Init type    On the fly        seconds     319872.0
       Init counter  8               Point ID     <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>

GPSVEC TP  Point ID 106       DX  -3336.099       DY  -198.633
       Class Normal        DZ  -2196.884       Code RM 32
       Mthd Phase Diff.    H.pr 0.018          V.pr 0.035
```

```
GPSQC1  NM  Min SVs      7              PDOP max  1.2
        Total GPS pos  5              HDOP max  0.5
        Monitor status Yes            VDOP max  1.1
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1070 sec 319876.0       End wk 1070   sec 319880.0

INIT   KI  Init event    Lost            Week        1070
        Init type     On the fly        seconds      319888.0
        Init counter  8                 Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

INIT   KI  Init event    Gained          Week        1070
        Init type     On the fly        seconds      319925.0
        Init counter  9                 Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

GPSVEC  TP  Point ID 107        DX  -3336.108        DY  -198.606
        Class Normal        DZ  -2196.910        Code RM 32
        Mthd Phase Diff.    H.pr 0.019           V.pr 0.038

GPSQC1  NM  Min SVs      7              PDOP max  1.0
        Total GPS pos  7              HDOP max  0.5
        Monitor status Yes            VDOP max  0.9
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1070 sec 319929.0       End wk 1070   sec 319935.0

INIT   KI  Init event    Lost            Week        1070
        Init type     On the fly        seconds      319949.0
        Init counter  9                 Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

INIT   KI  Init event    Gained          Week        1070
        Init type     On the fly        seconds      319986.0
        Init counter  10                Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

GPSVEC  TP  Point ID 108        DX  -3336.120        DY  -198.625
        Class Normal        DZ  -2196.904        Code RM 32
        Mthd Phase Diff.    H.pr 0.026           V.pr 0.049
```

GPSQC1 NM Min SVs 7 PDOP max 1.2
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1070 sec 319991.0 End wk 1070 sec 319995.0

INIT KI Init event Lost Week 1070
Init type On the fly seconds 320026.0
Init counter 10 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

NOTE TS Time Date 07/12/2000 Time 17:06:03

INIT KI Init event Gained Week 1070
Init type On the fly seconds 320775.0
Init counter 11 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 109 DX 2753.615 DY 568.196
Class Normal DZ 2379.177 Code RM 35
Mthd Phase Diff. H.pr 0.020 V.pr 0.039

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1070 sec 320781.0 End wk 1070 sec 320785.0

INIT KI Init event Lost Week 1070
Init type On the fly seconds 320790.0
Init counter 11 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1070
Init type On the fly seconds 320843.0
Init counter 12 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 110 DX 2753.612 DY 568.188
Class Normal DZ 2379.171 Code RM 35
Mthd Phase Diff. H.pr 0.020 V.pr 0.036

```
GPSQC1  NM  Min SVs      5            PDOP max  1.1
        Total GPS pos  5            HDOP max  0.6
        Monitor status Yes          VDOP max  1.0
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1070 sec 320848.0      End wk 1070   sec 320852.0

INIT    KI  Init event    Lost          Week        1070
        Init type     On the fly      seconds     320894.0
        Init counter  12             Point ID     <no text>
        Survey type   Real Time         Plate H. Dist <null>
        Plate V. Dist <null>          Plate azimuth <null>

INIT    KI  Init event    Gained        Week        1070
        Init type     On the fly      seconds     321203.0
        Init counter  13             Point ID     <no text>
        Survey type   Real Time         Plate H. Dist <null>
        Plate V. Dist <null>          Plate azimuth <null>

GPSVEC  TP  Point ID 111       DX   8809.807        DY   1238.812
        Class Normal        DZ   6820.021        Code RM 13
        Mthd Phase Diff.    H.pr 0.021          V.pr 0.036

GPSQC1  NM  Min SVs      6            PDOP max  1.0
        Total GPS pos  4            HDOP max  0.5
        Monitor status Yes          VDOP max  0.9
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1070 sec 321229.0      End wk 1070   sec 321238.0

INIT    KI  Init event    Lost          Week        1070
        Init type     On the fly      seconds     321243.0
        Init counter  13             Point ID     <no text>
        Survey type   Real Time         Plate H. Dist <null>
        Plate V. Dist <null>          Plate azimuth <null>

INIT    KI  Init event    Gained        Week        1070
        Init type     On the fly      seconds     321345.0
        Init counter  14             Point ID     <no text>
        Survey type   Real Time         Plate H. Dist <null>
        Plate V. Dist <null>          Plate azimuth <null>

GPSVEC  TP  Point ID 112       DX   8809.787        DY   1238.834
        Class Normal        DZ   6819.979        Code RM 13
        Mthd Phase Diff.    H.pr 0.029          V.pr 0.048
```

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1070 sec 321351.0 End wk 1070 sec 321354.0

SURVEY EVENTKISurvey event Communications error

INIT KI Init event Gained Week 1070
Init type On the fly seconds 321365.0
Init counter 14 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Lost Week 1070
Init type On the fly seconds 321369.0
Init counter 14 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1070
Init type On the fly seconds 321493.0
Init counter 15 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 113 DX 8809.795 DY 1238.870
Class Normal DZ 6819.976 Code RM 13
Mthd Phase Diff. H.pr 0.034 V.pr 0.054

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1070 sec 321499.0 End wk 1070 sec 321503.0

INIT KI Init event Lost Week 1070
Init type On the fly seconds 321560.0
Init counter 15 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

```
INIT   KI  Init event   Gained          Week        1070
       Init type    On the fly       seconds     321861.0
       Init counter  16              Point ID    <no text>
       Survey type   Real Time        Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>

GPSVEC  TP  Point ID 114       DX  9374.109       DY  2577.272
       Class Normal        DZ  9018.088       Code RM 58
       Mthd Phase Diff.    H.pr 0.036         V.pr 0.053

GPSQC1  NM  Min SVs      6              PDOP max  0.9
       Total GPS pos  5              HDOP max  0.5
       Monitor status Yes            VDOP max  0.8
       Horizontal SD  0.000          Vert SD   0.000
       Start wk 1070 sec 321882.0       End wk 1070   sec 321886.0

INIT   KI  Init event   Lost          Week        1070
       Init type    On the fly       seconds     321890.0
       Init counter  16              Point ID    <no text>
       Survey type   Real Time        Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>

INIT   KI  Init event   Gained          Week        1070
       Init type    On the fly       seconds     321924.0
       Init counter  17              Point ID    <no text>
       Survey type   Real Time        Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>

GPSVEC  TP  Point ID 115       DX  9374.095       DY  2577.262
       Class Normal        DZ  9018.113       Code RM 58
       Mthd Phase Diff.    H.pr 0.026         V.pr 0.037

GPSQC1  NM  Min SVs      6              PDOP max  1.0
       Total GPS pos  4              HDOP max  0.6
       Monitor status Yes            VDOP max  0.8
       Horizontal SD  0.000          Vert SD   0.000
       Start wk 1070 sec 321939.0       End wk 1070   sec 321942.0

INIT   KI  Init event   Lost          Week        1070
       Init type    On the fly       seconds     322235.0
       Init counter  17              Point ID    <no text>
       Survey type   Real Time        Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>
```

```
INIT   KI  Init event   Gained          Week        1070
       Init type    On the fly        seconds     322318.0
       Init counter  18              Point ID    <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>

GPSVEC  TP  Point ID 116       DX  9938.915       DY  3917.798
       Class Normal        DZ  11216.678       Code RM 41
       Mthd Phase Diff.    H.pr 0.030          V.pr 0.039

GPSQC1  NM  Min SVs       6              PDOP max  0.8
       Total GPS pos  7              HDOP max  0.5
       Monitor status Yes            VDOP max  0.6
       Horizontal SD  0.000           Vert SD   0.000
       Start wk 1070 sec 322325.0       End wk 1070   sec 322331.0

INIT   KI  Init event   Lost            Week        1070
       Init type    On the fly        seconds     322334.0
       Init counter  18              Point ID    <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>

INIT   KI  Init event   Gained          Week        1070
       Init type    On the fly        seconds     322393.0
       Init counter  19              Point ID    <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>

GPSVEC  TP  Point ID 117       DX  9938.945       DY  3917.855
       Class Normal        DZ  11216.657       Code RM 41
       Mthd Phase Diff.    H.pr 0.030          V.pr 0.039

GPSQC1  NM  Min SVs       6              PDOP max  0.7
       Total GPS pos  7              HDOP max  0.4
       Monitor status Yes            VDOP max  0.6
       Horizontal SD  0.000           Vert SD   0.000
       Start wk 1070 sec 322399.0       End wk 1070   sec 322406.0

INIT   KI  Init event   Lost            Week        1070
       Init type    On the fly        seconds     322416.0
       Init counter  19              Point ID    <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>
```

```
INIT   KI  Init event   Gained          Week        1070
       Init type    On the fly        seconds     322470.0
       Init counter  20               Point ID    <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>

GPSVEC  TP  Point ID 118       DX  9938.921        DY  3917.828
       Class Normal        DZ  11216.680       Code RM 41
       Mthd Phase Diff.    H.pr 0.033          V.pr 0.042

GPSQC1  NM  Min SVs      6              PDOP max  0.8
       Total GPS pos  5              HDOP max  0.5
       Monitor status Yes            VDOP max  0.6
       Horizontal SD  0.000           Vert SD   0.000
       Start wk 1070 sec 322476.0       End wk 1070   sec 322481.0

NOTE   TS  Time Date 07/12/2000 Time 17:36:42

INIT   KI  Init event   Lost          Week        1070
       Init type    On the fly        seconds     322613.0
       Init counter  20               Point ID    <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>

SURVEY  KI  Elev mask 10                PDOP mask 6.0

EQUIP   BA  Receiver  4800              Serial no 20141803
       Antenna   4800 Internal
       Method    Reading from hook using 4800 tape
       Tape adj  0.000              Serial no <no text>
       Radius    0.358              V.Const   0.104

SURVEY EVENTKISurvey event Base survey started

NOTE   TS  Time Date 07/17/2000 Time 16:37:09

EQUIP   BA  Receiver  4800              Serial no 20141803
       Antenna   4800 Internal
       Method    Reading from hook using 4800 tape
       Tape adj  0.000              Serial no <no text>
       Radius    0.358              V.Const   0.104

GPSANT  KI  Antenna ht 5.154            Measuremt Uncorrected
```

```
EQUIP  BA Receiver 4800            Serial no 20141803
       Antenna  4800 Internal
       Method   Reading from hook using 4800 tape
       Tape adj 0.000             Serial no <no text>
       Radius   0.358             V.Const  0.104

GPSANT KI Antenna ht 5.154         Measuremt Uncorrected

EQUIP  BA Receiver 4800            Serial no 20141803
       Antenna  4800 Internal
       Method   Reading from hook using 4800 tape
       Tape adj 0.000             Serial no <no text>
       Radius   0.358             V.Const  0.104

GPSANT KI Antenna ht 5.154         Measuremt Uncorrected

GPSREF KI Reference BAS3

EQUIP  NM Receiver 4800            Serial no 20152374
       Antenna  4800 Internal
       Method   Measured to bottom of antenna mount
       Tape adj 0.000             Serial no <no text>
       Radius   0.000             V.Const  0.511

SURVEY EVENTKISurvey event Rover survey started

NOTE   TS Time Date 07/17/2000 Time 16:37:44

SURVEY KI Elev mask 10             PDOP mask 6.0

EQUIP  NM Receiver 4800            Serial no 20152374
       Antenna  4800 Internal
       Method   Measured to bottom of antenna mount
       Tape adj 0.000             Serial no <no text>
       Radius   0.000             V.Const  0.511

SURVEY EVENTKISurvey event Rover survey started

NOTE   TS Time Date 07/17/2000 Time 16:38:40

GPSANT KI Antenna ht 5.246         Measuremt True

GPSREF KI Reference BAS3

NOTE   TS Time Date 07/17/2000 Time 16:59:16
```

```
INIT   KI  Init event   Gained          Week        1071
       Init type    On the fly        seconds      147568.0
       Init counter  1               Point ID     <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>

EQUIP  NM  Receiver  4800                Serial no 20152374
       Antenna   4800 Internal
       Method    Measured to bottom of antenna mount
       Tape adj  0.000                 Serial no <no text>
       Radius    0.000                 V.Const   0.511

GPSANT  KI  Antenna ht 5.906              Measuremt Uncorrected

GPSVEC  TP  Point ID 119        DX  -5867.102        DY  -5136.083
       Class Normal        DZ  -10600.538       Code 165+00E NR
       Mthd Phase Diff.    H.pr 0.024           V.pr 0.037

GPSQC1  NM  Min SVs       6              PDOP max  1.0
       Total GPS pos  4              HDOP max  0.5
       Monitor status Yes            VDOP max  0.8
       Horizontal SD  0.000           Vert SD   0.000
       Start wk 1071 sec 147586.0       End wk 1071   sec 147590.0

INIT   KI  Init event   Lost            Week        1071
       Init type    On the fly        seconds      147593.0
       Init counter  1               Point ID     <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>

INIT   KI  Init event   Gained          Week        1071
       Init type    On the fly        seconds      147657.0
       Init counter  2               Point ID     <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>

GPSVEC  TP  Point ID 120        DX  -5867.045        DY  -5136.108
       Class Normal        DZ  -10600.569       Code 165+00E NR
       Mthd Phase Diff.    H.pr 0.022           V.pr 0.033

GPSQC1  NM  Min SVs       6              PDOP max  1.0
       Total GPS pos  4              HDOP max  0.6
       Monitor status Yes            VDOP max  0.9
       Horizontal SD  0.000           Vert SD   0.000
       Start wk 1071 sec 147663.0       End wk 1071   sec 147666.0
```

```
INIT   KI  Init event   Lost          Week        1071
       Init type    On the fly       seconds     147683.0
       Init counter  2              Point ID     <no text>
       Survey type   Real Time        Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>

INIT   KI  Init event   Gained        Week        1071
       Init type    On the fly       seconds     147760.0
       Init counter  3              Point ID     <no text>
       Survey type   Real Time        Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>

GPSVEC TP  Point ID 121       DX  -5867.088       DY  -5136.107
       Class Normal        DZ  -10600.567       Code 165+00E NR
       Mthd Phase Diff.    H.pr 0.021           V.pr 0.031

GPSQC1  NM  Min SVs      6              PDOP max  1.0
       Total GPS pos  4              HDOP max  0.6
       Monitor status Yes            VDOP max  0.8
       Horizontal SD  0.000           Vert SD   0.000
       Start wk 1071 sec 147766.0       End wk 1071   sec 147769.0

GPSVEC TP  Point ID 3000      DX  -5868.785       DY  -5134.865
       Class Normal        DZ  -10599.989       Code TOP LEVEE
       Mthd Phase Diff.    H.pr 0.023           V.pr 0.033

GPSQC1  NM  Min SVs      6              PDOP max  1.0
       Total GPS pos  4              HDOP max  0.6
       Monitor status Yes            VDOP max  0.8
       Horizontal SD  0.000           Vert SD   0.000
       Start wk 1071 sec 147816.0       End wk 1071   sec 147819.0

INIT   KI  Init event   Lost          Week        1071
       Init type    On the fly       seconds     147856.0
       Init counter  3              Point ID     <no text>
       Survey type   Real Time        Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>

INIT   KI  Init event   Gained        Week        1071
       Init type    On the fly       seconds     147939.0
       Init counter  4              Point ID     <no text>
       Survey type   Real Time        Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>
```

GPSVEC TP Point ID 122 DX -5712.536 DY -4591.504
Class Normal DZ -9750.156 Code 175+00E NR
Mthd Phase Diff. H.pr 0.024 V.pr 0.034

GPSQC1 NM Min SVs 6 PDOP max 0.9
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1071 sec 147946.0 End wk 1071 sec 147950.0

INIT KI Init event Lost Week 1071
Init type On the fly seconds 147954.0
Init counter 4 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1071
Init type On the fly seconds 147984.0
Init counter 5 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 123 DX -5712.526 DY -4591.493
Class Normal DZ -9750.136 Code 175+00E NR
Mthd Phase Diff. H.pr 0.024 V.pr 0.036

GPSQC1 NM Min SVs 7 PDOP max 0.7
Total GPS pos 5 HDOP max 0.4
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1071 sec 147994.0 End wk 1071 sec 147999.0

GPSVEC TP Point ID 3001 DX -5714.484 DY -4590.945
Class Normal DZ -9750.498 Code TOP LEVEE
Mthd Phase Diff. H.pr 0.023 V.pr 0.032

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1071 sec 148023.0 End wk 1071 sec 148026.0

```
INIT   KI  Init event   Lost            Week        1071
        Init type    On the fly       seconds      148033.0
        Init counter  5              Point ID     <no text>
        Survey type   Real Time         Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

INIT   KI  Init event   Gained          Week        1071
        Init type    On the fly       seconds      148132.0
        Init counter  6              Point ID     <no text>
        Survey type   Real Time         Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

GPSVEC  TP  Point ID 125       DX  -5571.533       DY  -4099.692
        Class Normal        DZ  -8979.315       Code 185+00E NR
        Mthd Phase Diff.    H.pr 0.024          V.pr 0.032

GPSQC1  NM  Min SVs       6              PDOP max  0.8
        Total GPS pos  6              HDOP max  0.5
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1071 sec 148140.0       End wk 1071   sec 148145.0

INIT   KI  Init event   Lost            Week        1071
        Init type    On the fly       seconds      148149.0
        Init counter  6              Point ID     <no text>
        Survey type   Real Time         Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

INIT   KI  Init event   Gained          Week        1071
        Init type    On the fly       seconds      148176.0
        Init counter  7              Point ID     <no text>
        Survey type   Real Time         Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

GPSVEC  TP  Point ID 126       DX  -5571.558       DY  -4099.706
        Class Normal        DZ  -8979.333       Code 185+00E NR
        Mthd Phase Diff.    H.pr 0.025          V.pr 0.034

GPSQC1  NM  Min SVs       6              PDOP max  0.8
        Total GPS pos  7              HDOP max  0.5
        Monitor status Yes            VDOP max  0.6
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1071 sec 148181.0       End wk 1071   sec 148187.0
```

GPSVEC TP Point ID 3002 DX -5573.781 DY -4098.598
Class Normal DZ -8979.333 Code TOP LEVEE
Mthd Phase Diff. H.pr 0.027 V.pr 0.036

GPSQC1 NM Min SVs 6 PDOP max 0.9
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1071 sec 148210.0 End wk 1071 sec 148214.0

INIT KI Init event Lost Week 1071
Init type On the fly seconds 148221.0
Init counter 7 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1071
Init type On the fly seconds 148339.0
Init counter 8 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 127 DX -5356.662 DY -3584.067
Class Normal DZ -8134.286 Code 195+00E NR
Mthd Phase Diff. H.pr 0.019 V.pr 0.032

GPSQC1 NM Min SVs 5 PDOP max 1.3
Total GPS pos 6 HDOP max 0.7
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1071 sec 148344.0 End wk 1071 sec 148349.0

INIT KI Init event Lost Week 1071
Init type On the fly seconds 148352.0
Init counter 8 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1071
Init type On the fly seconds 148399.0
Init counter 9 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 128 DX -5356.640 DY -3584.072
Class Normal DZ -8134.285 Code 195+00E NR
Mthd Phase Diff. H.pr 0.029 V.pr 0.048

GPSQC1 NM Min SVs 5 PDOP max 1.3
Total GPS pos 6 HDOP max 0.7
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1071 sec 148404.0 End wk 1071 sec 148409.0

GPSVEC TP Point ID 3003 DX -5358.974 DY -3582.888
Class Normal DZ -8134.246 Code TOP LEVEE
Mthd Phase Diff. H.pr 0.026 V.pr 0.042

GPSQC1 NM Min SVs 5 PDOP max 1.4
Total GPS pos 5 HDOP max 0.7
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1071 sec 148433.0 End wk 1071 sec 148437.0

INIT KI Init event Lost Week 1071
Init type On the fly seconds 148450.0
Init counter 9 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1071
Init type On the fly seconds 148574.0
Init counter 10 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 129 DX -4973.037 DY -3158.552
Class Normal DZ -7316.210 Code 205+00E NR
Mthd Phase Diff. H.pr 0.022 V.pr 0.029

GPSQC1 NM Min SVs 6 PDOP max 0.7
Total GPS pos 8 HDOP max 0.4
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1071 sec 148581.0 End wk 1071 sec 148588.0

```
INIT   KI  Init event   Lost          Week        1071
       Init type    On the fly       seconds     148593.0
       Init counter  10              Point ID    <no text>
       Survey type   Real Time        Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>

INIT   KI  Init event   Gained        Week        1071
       Init type    On the fly       seconds     148620.0
       Init counter  11              Point ID    <no text>
       Survey type   Real Time        Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>

GPSVEC  TP  Point ID 130      DX  -4973.040      DY  -3158.556
       Class Normal       DZ  -7316.225      Code 205+00E NR
       Mthd Phase Diff.   H.pr 0.024         V.pr 0.030

GPSQC1  NM  Min SVs      6            PDOP max  0.8
       Total GPS pos  5            HDOP max  0.5
       Monitor status Yes          VDOP max  0.6
       Horizontal SD  0.000        Vert SD   0.000
       Start wk 1071 sec 148626.0      End wk 1071   sec 148630.0

GPSVEC  TP  Point ID 3004     DX  -4975.594      DY  -3156.682
       Class Normal       DZ  -7315.538      Code TOP LEVEE
       Mthd Phase Diff.   H.pr 0.031         V.pr 0.036

GPSQC1  NM  Min SVs      6            PDOP max  0.9
       Total GPS pos  4            HDOP max  0.6
       Monitor status Yes          VDOP max  0.7
       Horizontal SD  0.000        Vert SD   0.000
       Start wk 1071 sec 148661.0      End wk 1071   sec 148664.0

INIT   KI  Init event   Lost          Week        1071
       Init type    On the fly       seconds     148669.0
       Init counter  11              Point ID    <no text>
       Survey type   Real Time        Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>

INIT   KI  Init event   Gained        Week        1071
       Init type    On the fly       seconds     148877.0
       Init counter  12              Point ID    <no text>
       Survey type   Real Time        Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>
```

GPSVEC TP Point ID 131 DX -4580.292 DY -2805.802
Class Normal DZ -6585.627 Code ADTBC T/W NEC OL
Mthd Phase Diff. H.pr 0.026 V.pr 0.033

F-CODE TP Code ADTBC T/W NEC OLV BRDG

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1071 sec 148903.0 End wk 1071 sec 148906.0

INIT KI Init event Lost Week 1071
Init type On the fly seconds 148911.0
Init counter 12 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1071
Init type On the fly seconds 148947.0
Init counter 13 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 132 DX -4580.307 DY -2805.825
Class Normal DZ -6585.632 Code ADTBC T/W NEC OL
Mthd Phase Diff. H.pr 0.030 V.pr 0.038

F-CODE TP Code ADTBC T/W NEC OLV BRDG

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1071 sec 148952.0 End wk 1071 sec 148954.0

INIT KI Init event Lost Week 1071
Init type On the fly seconds 148978.0
Init counter 13 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

```
INIT   KI  Init event   Gained          Week        1071
        Init type    On the fly       seconds      149086.0
        Init counter  14              Point ID     <no text>
        Survey type   Real Time         Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

GPSVEC  TP  Point ID 133       DX  -4356.314       DY  -2812.752
        Class Normal        DZ  -6464.771       Code 235+00E NR
        Mthd Phase Diff.    H.pr 0.030          V.pr 0.038

GPSQC1  NM  Min SVs      6              PDOP max  0.9
        Total GPS pos  5              HDOP max  0.5
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1071 sec 149091.0       End wk 1071   sec 149095.0

INIT   KI  Init event   Lost            Week        1071
        Init type    On the fly       seconds      149100.0
        Init counter  14              Point ID     <no text>
        Survey type   Real Time         Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

INIT   KI  Init event   Gained          Week        1071
        Init type    On the fly       seconds      149128.0
        Init counter  15              Point ID     <no text>
        Survey type   Real Time         Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

GPSVEC  TP  Point ID 134       DX  -4356.292       DY  -2812.763
        Class Normal        DZ  -6464.754       Code 235+00E NR
        Mthd Phase Diff.    H.pr 0.032          V.pr 0.041

GPSQC1  NM  Min SVs      6              PDOP max  0.9
        Total GPS pos  5              HDOP max  0.5
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1071 sec 149133.0       End wk 1071   sec 149137.0

GPSVEC  TP  Point ID 3005      DX  -4356.889       DY  -2811.409
        Class Normal        DZ  -6463.451       Code TOP LEVEE
        Mthd Phase Diff.    H.pr 0.034          V.pr 0.043
```

```
GPSQC1  NM  Min SVs      6              PDOP max  0.9
        Total GPS pos  5              HDOP max  0.5
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1071 sec 149162.0      End wk 1071   sec 149166.0

GPSVEC  TP  Point ID 135       DX  -3605.510       DY  -2658.283
        Class Normal        DZ  -5818.572       Code 245+00E NR
        Mthd Phase Diff.    H.pr 0.036          V.pr 0.046

GPSQC1  NM  Min SVs      5              PDOP max  1.2
        Total GPS pos  5              HDOP max  0.8
        Monitor status Yes            VDOP max  1.0
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1071 sec 149266.0      End wk 1071   sec 149270.0

INIT    KI  Init event    Lost            Week        1071
        Init type     On the fly        seconds     149274.0
        Init counter  15                Point ID    <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

INIT    KI  Init event    Gained          Week        1071
        Init type     On the fly        seconds     149304.0
        Init counter  16                Point ID    <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

GPSVEC  TP  Point ID 136       DX  -3605.522       DY  -2658.302
        Class Normal        DZ  -5818.551       Code 245+00E NR
        Mthd Phase Diff.    H.pr 0.035          V.pr 0.044

GPSQC1  NM  Min SVs      6              PDOP max  1.0
        Total GPS pos  4              HDOP max  0.6
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1071 sec 149310.0      End wk 1071   sec 149313.0

INIT    KI  Init event    Lost            Week        1071
        Init type     On the fly        seconds     149336.0
        Init counter  16                Point ID    <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

NOTE    TS  Time Date 07/17/2000 Time 17:29:29
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```
INIT   KI  Init event   Gained          Week        1071
       Init type    On the fly        seconds     149381.0
       Init counter  17               Point ID    <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>

GPSVEC  TP  Point ID 137       DX  -3605.518       DY  -2658.313
       Class Normal        DZ  -5818.556       Code 245+00E NR
       Mthd Phase Diff.    H.pr 0.024          V.pr 0.031

GPSQC1  NM  Min SVs      6              PDOP max  1.0
       Total GPS pos  4              HDOP max  0.6
       Monitor status Yes            VDOP max  0.7
       Horizontal SD  0.000           Vert SD   0.000
       Start wk 1071 sec 149387.0       End wk 1071   sec 149390.0

GPSVEC  TP  Point ID 3006      DX  -3607.188       DY  -2657.143
       Class Normal        DZ  -5818.055       Code TOP LEVEE
       Mthd Phase Diff.    H.pr 0.039          V.pr 0.050

GPSQC1  NM  Min SVs      5              PDOP max  1.2
       Total GPS pos  5              HDOP max  0.7
       Monitor status Yes            VDOP max  0.9
       Horizontal SD  0.000           Vert SD   0.000
       Start wk 1071 sec 149417.0       End wk 1071   sec 149422.0

GPSVEC  TP  Point ID 3007      DX  -3451.127       DY  -2137.800
       Class Normal        DZ  -4995.097       Code TOP LEVEE
       Mthd Phase Diff.    H.pr 0.037          V.pr 0.047

GPSQC1  NM  Min SVs      5              PDOP max  1.4
       Total GPS pos  4              HDOP max  0.8
       Monitor status Yes            VDOP max  1.1
       Horizontal SD  0.000           Vert SD   0.000
       Start wk 1071 sec 149517.0       End wk 1071   sec 149520.0

GPSVEC  TP  Point ID 138       DX  -3449.288       DY  -2138.073
       Class Normal        DZ  -4994.289       Code 255+00E NR
       Mthd Phase Diff.    H.pr 0.025          V.pr 0.033

GPSQC1  NM  Min SVs      5              PDOP max  1.3
       Total GPS pos  5              HDOP max  0.8
       Monitor status Yes            VDOP max  1.0
       Horizontal SD  0.000           Vert SD   0.000
       Start wk 1071 sec 149544.0       End wk 1071   sec 149548.0
```

```
INIT   KI  Init event   Lost          Week       1071
       Init type    On the fly       seconds    149554.0
       Init counter  17              Point ID   <no text>
       Survey type   Real Time        Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>

INIT   KI  Init event   Gained        Week       1071
       Init type    On the fly       seconds    149614.0
       Init counter  18              Point ID   <no text>
       Survey type   Real Time        Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>

GPSVEC  TP  Point ID 139      DX  -3449.281      DY  -2138.079
       Class Normal       DZ  -4994.323      Code 255+00E NR
       Mthd Phase Diff.   H.pr 0.027         V.pr 0.035

GPSQC1  NM  Min SVs      5            PDOP max  1.4
       Total GPS pos  4            HDOP max  0.8
       Monitor status Yes          VDOP max  1.1
       Horizontal SD  0.000        Vert SD   0.000
       Start wk 1071 sec 149618.0      End wk 1071   sec 149621.0

GPSVEC  TP  Point ID 140      DX  -3475.542      DY  -1923.017
       Class Normal       DZ  -4707.884      Code 258+55E NR GRD C
       Mthd Phase Diff.   H.pr 0.036         V.pr 0.046

F-CODE  TP  Code 258+55E NR GRD CTRL

GPSQC1  NM  Min SVs      5            PDOP max  1.2
       Total GPS pos  6            HDOP max  0.7
       Monitor status Yes          VDOP max  0.9
       Horizontal SD  0.000        Vert SD   0.000
       Start wk 1071 sec 149729.0      End wk 1071   sec 149734.0

INIT   KI  Init event   Lost          Week       1071
       Init type    On the fly       seconds    149738.0
       Init counter  18              Point ID   <no text>
       Survey type   Real Time        Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>

INIT   KI  Init event   Gained        Week       1071
       Init type    On the fly       seconds    149820.0
       Init counter  19              Point ID   <no text>
       Survey type   Real Time        Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>
```

GPSVEC TP Point ID 141 DX -3475.540 DY -1923.027
Class Normal DZ -4707.859 Code 258+55E NR GRD C
Mthd Phase Diff. H.pr 0.044 V.pr 0.057

F-CODE TP Code 258+55E NR GRD CTRL

GPSQC1 NM Min SVs 5 PDOP max 1.3
Total GPS pos 5 HDOP max 0.8
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1071 sec 149825.0 End wk 1071 sec 149829.0

GPSVEC TP Point ID 3008 DX -3477.478 DY -1922.238
Class Normal DZ -4708.126 Code TOP LEVEE
Mthd Phase Diff. H.pr 0.033 V.pr 0.044

GPSQC1 NM Min SVs 5 PDOP max 1.2
Total GPS pos 6 HDOP max 0.7
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1071 sec 149855.0 End wk 1071 sec 149860.0

GPSVEC TP Point ID 3009 DX -3221.032 DY -1653.500
Class Normal DZ -4185.305 Code TOP LEVEE
Mthd Phase Diff. H.pr 0.042 V.pr 0.055

GPSQC1 NM Min SVs 5 PDOP max 1.4
Total GPS pos 4 HDOP max 0.8
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1071 sec 149937.0 End wk 1071 sec 149940.0

GPSVEC TP Point ID 142 DX -3219.683 DY -1654.755
Class Normal DZ -4185.999 Code 265+00E NR
Mthd Phase Diff. H.pr 0.028 V.pr 0.037

GPSQC1 NM Min SVs 5 PDOP max 1.2
Total GPS pos 6 HDOP max 0.7
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1071 sec 149973.0 End wk 1071 sec 149978.0

```
INIT   KI  Init event   Lost          Week        1071
       Init type    On the fly       seconds     149982.0
       Init counter  19              Point ID    <no text>
       Survey type   Real Time        Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>

INIT   KI  Init event   Gained        Week        1071
       Init type    On the fly       seconds     150048.0
       Init counter  20              Point ID    <no text>
       Survey type   Real Time        Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>

GPSVEC TP  Point ID 143      DX  -3219.713      DY  -1654.792
       Class Normal       DZ  -4186.000      Code 265+00E NR
       Mthd Phase Diff.   H.pr 0.029         V.pr 0.039

GPSQC1 NM  Min SVs      5            PDOP max  1.0
       Total GPS pos  6            HDOP max  0.6
       Monitor status Yes          VDOP max  0.8
       Horizontal SD  0.000        Vert SD   0.000
       Start wk 1071 sec 150058.0      End wk 1071   sec 150063.0

INIT   KI  Init event   Lost          Week        1071
       Init type    On the fly       seconds     150072.0
       Init counter  20              Point ID    <no text>
       Survey type   Real Time        Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>

INIT   KI  Init event   Gained        Week        1071
       Init type    On the fly       seconds     150125.0
       Init counter  21              Point ID    <no text>
       Survey type   Real Time        Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>

GPSVEC TP  Point ID 144      DX  -3219.691      DY  -1654.768
       Class Normal       DZ  -4185.996      Code 265+00E NR
       Mthd Phase Diff.   H.pr 0.034         V.pr 0.046

GPSQC1 NM  Min SVs      6            PDOP max  0.9
       Total GPS pos  6            HDOP max  0.5
       Monitor status Yes          VDOP max  0.7
       Horizontal SD  0.000        Vert SD   0.000
       Start wk 1071 sec 150129.0      End wk 1071   sec 150134.0
```

GPSVEC TP Point ID 145 DX -2598.622 DY -1390.378
Class Normal DZ -3450.947 Code 275+00E NR
Mthd Phase Diff. H.pr 0.029 V.pr 0.039

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1071 sec 150267.0 End wk 1071 sec 150271.0

INIT KI Init event Lost Week 1071
Init type On the fly seconds 150275.0
Init counter 21 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1071
Init type On the fly seconds 150318.0
Init counter 22 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 146 DX -2598.620 DY -1390.371
Class Normal DZ -3450.949 Code 275+00E NR
Mthd Phase Diff. H.pr 0.029 V.pr 0.039

GPSQC1 NM Min SVs 6 PDOP max 0.9
Total GPS pos 7 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1071 sec 150322.0 End wk 1071 sec 150328.0

GPSVEC TP Point ID 3010 DX -2599.600 DY -1389.339
Class Normal DZ -3450.302 Code TOP LEVEE
Mthd Phase Diff. H.pr 0.036 V.pr 0.049

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1071 sec 150357.0 End wk 1071 sec 150361.0

GPSVEC TP Point ID 3011 DX -2059.294 DY -1056.925
Class Normal DZ -2676.398 Code TOP LEVEE
Mthd Phase Diff. H.pr 0.025 V.pr 0.035

```
GPSQC1  NM  Min SVs      6              PDOP max  0.9
        Total GPS pos  6              HDOP max  0.5
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1071 sec 150438.0       End wk 1071   sec 150443.0

GPSVEC  TP  Point ID 147       DX  -2057.819       DY  -1057.972
        Class Normal        DZ  -2676.720       Code 285+00E NR
        Mthd Phase Diff.    H.pr 0.029          V.pr 0.039

GPSQC1  NM  Min SVs      6              PDOP max  1.0
        Total GPS pos  5              HDOP max  0.6
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1071 sec 150464.0       End wk 1071   sec 150468.0

INIT    KI  Init event    Lost            Week        1071
        Init type     On the fly        seconds     150473.0
        Init counter  22                Point ID    <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

INIT    KI  Init event    Gained          Week        1071
        Init type     On the fly        seconds     150504.0
        Init counter  23                Point ID    <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

GPSVEC  TP  Point ID 148       DX  -2057.818       DY  -1057.973
        Class Normal        DZ  -2676.745       Code 285+00E NR
        Mthd Phase Diff.    H.pr 0.021          V.pr 0.030

GPSQC1  NM  Min SVs      6              PDOP max  0.9
        Total GPS pos  6              HDOP max  0.6
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1071 sec 150509.0       End wk 1071   sec 150514.0

INIT    KI  Init event    Lost            Week        1071
        Init type     On the fly        seconds     150526.0
        Init counter  23                Point ID    <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>
```

```
INIT   KI  Init event   Gained          Week        1071
       Init type    On the fly        seconds      150905.0
       Init counter  24               Point ID     <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>

GPSVEC  TP  Point ID 149       DX  -1565.018       DY  -680.965
       Class Normal        DZ  -1863.804       Code 295+00E NR
       Mthd Phase Diff.    H.pr 0.023          V.pr 0.033

GPSQC1  NM  Min SVs       6              PDOP max  1.0
       Total GPS pos  4               HDOP max  0.6
       Monitor status Yes             VDOP max  0.9
       Horizontal SD  0.000            Vert SD   0.000
       Start wk 1071 sec 150910.0       End wk 1071   sec 150914.0

INIT   KI  Init event   Lost            Week        1071
       Init type    On the fly        seconds      150918.0
       Init counter  24               Point ID     <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>

INIT   KI  Init event   Gained          Week        1071
       Init type    On the fly        seconds      150943.0
       Init counter  25               Point ID     <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>

GPSVEC  TP  Point ID 150       DX  -1565.021       DY  -680.969
       Class Normal        DZ  -1863.791       Code 295+00E NR
       Mthd Phase Diff.    H.pr 0.026          V.pr 0.037

GPSQC1  NM  Min SVs       6              PDOP max  1.0
       Total GPS pos  5               HDOP max  0.6
       Monitor status Yes             VDOP max  0.9
       Horizontal SD  0.000            Vert SD   0.000
       Start wk 1071 sec 150948.0       End wk 1071   sec 150952.0

GPSVEC  TP  Point ID 3012      DX  -1566.664       DY  -679.820
       Class Normal        DZ  -1863.286       Code TOP LEVEE
       Mthd Phase Diff.    H.pr 0.029          V.pr 0.041
```

```
GPSQC1  NM  Min SVs      6              PDOP max  1.0
        Total GPS pos  4              HDOP max  0.6
        Monitor status Yes            VDOP max  0.9
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1071 sec 150978.0      End wk 1071   sec 150982.0

GPSVEC  TP  Point ID 3013      DX  -1284.663       DY  -431.468
        Class Normal        DZ  -1353.063       Code TOP LEVEE
        Mthd Phase Diff.    H.pr 0.022          V.pr 0.032

GPSQC1  NM  Min SVs      6              PDOP max  1.2
        Total GPS pos  4              HDOP max  0.7
        Monitor status Yes            VDOP max  1.0
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1071 sec 151059.0      End wk 1071   sec 151062.0

GPSVEC  TP  Point ID 151       DX  -1283.089       DY  -432.698
        Class Normal        DZ  -1353.642       Code 302+50E NR GRD C
        Mthd Phase Diff.    H.pr 0.023          V.pr 0.032

F-CODE  TP  Code 302+50E NR GRD CTRL

GPSQC1  NM  Min SVs      6              PDOP max  1.2
        Total GPS pos  4              HDOP max  0.7
        Monitor status Yes            VDOP max  1.0
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1071 sec 151087.0      End wk 1071   sec 151090.0

INIT    KI  Init event    Lost          Week        1071
        Init type     On the fly      seconds     151096.0
        Init counter  25              Point ID    <no text>
        Survey type   Real Time        Plate H. Dist <null>
        Plate V. Dist <null>          Plate azimuth <null>

INIT    KI  Init event    Gained        Week        1071
        Init type     On the fly      seconds     151125.0
        Init counter  26              Point ID    <no text>
        Survey type   Real Time        Plate H. Dist <null>
        Plate V. Dist <null>          Plate azimuth <null>

GPSVEC  TP  Point ID 152       DX  -1283.134       DY  -432.683
        Class Normal        DZ  -1353.636       Code 302+50E NR GRD C
        Mthd Phase Diff.    H.pr 0.024          V.pr 0.035

F-CODE  TP  Code 302+50E NR GRD CTRL
```

```
GPSQC1  NM  Min SVs      6              PDOP max  1.1
        Total GPS pos  5              HDOP max  0.6
        Monitor status Yes            VDOP max  0.9
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1071 sec 151130.0      End wk 1071   sec 151134.0

INIT   KI  Init event    Lost           Week        1071
        Init type     On the fly       seconds      151150.0
        Init counter  26               Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

INIT   KI  Init event    Gained         Week        1071
        Init type     On the fly       seconds      151171.0
        Init counter  27               Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

NOTE   TS  Time Date 07/17/2000 Time 17:59:40

GPSVEC  TP  Point ID 153       DX  -1283.087       DY  -432.741
        Class Normal       DZ  -1353.632       Code 302+50E NR GRD C
        Mthd Phase Diff.    H.pr 0.024          V.pr 0.036

F-CODE  TP  Code 302+50E NR GRD CTRL

GPSQC1  NM  Min SVs      5              PDOP max  1.2
        Total GPS pos  6              HDOP max  0.7
        Monitor status Yes            VDOP max  1.0
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1071 sec 151187.0      End wk 1071   sec 151192.0

INIT   KI  Init event    Lost           Week        1071
        Init type     On the fly       seconds      151287.0
        Init counter  27               Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

INIT   KI  Init event    Gained         Week        1071
        Init type     On the fly       seconds      151318.0
        Init counter  28               Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>
```

GPSVEC TP Point ID 154 DX -1091.731 DY -359.173
Class Normal DZ -1132.496 Code 305+00E NR
Mthd Phase Diff. H.pr 0.023 V.pr 0.034

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1071 sec 151325.0 End wk 1071 sec 151329.0

INIT KI Init event Lost Week 1071
Init type On the fly seconds 151334.0
Init counter 28 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1071
Init type On the fly seconds 151407.0
Init counter 29 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 155 DX -1091.743 DY -359.190
Class Normal DZ -1132.492 Code 305+00E NR
Mthd Phase Diff. H.pr 0.022 V.pr 0.032

GPSQC1 NM Min SVs 6 PDOP max 0.8
Total GPS pos 10 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1071 sec 151411.0 End wk 1071 sec 151420.0

GPSVEC TP Point ID 3014 DX -1092.614 DY -357.979
Class Normal DZ -1131.495 Code TOP LEVEE
Mthd Phase Diff. H.pr 0.030 V.pr 0.045

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1071 sec 151447.0 End wk 1071 sec 151467.0

GPSVEC TP Point ID 3015 DX -459.227 DY -107.950
Class Normal DZ -412.998 Code TOP LEVEE
Mthd Phase Diff. H.pr 0.022 V.pr 0.032

```
GPSQC1  NM  Min SVs      6              PDOP max  1.1
        Total GPS pos  5              HDOP max  0.6
        Monitor status Yes            VDOP max  0.9
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1071 sec 151571.0       End wk 1071   sec 151575.0

GPSVEC  TP  Point ID 156       DX   -457.685        DY   -109.247
        Class Normal        DZ   -413.575        Code 315+00E NR
        Mthd Phase Diff.    H.pr 0.023           V.pr 0.034

GPSQC1  NM  Min SVs      6              PDOP max  1.1
        Total GPS pos  5              HDOP max  0.6
        Monitor status Yes            VDOP max  0.9
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1071 sec 151593.0       End wk 1071   sec 151597.0

INIT    KI  Init event    Lost            Week        1071
        Init type     On the fly        seconds     151601.0
        Init counter  29                Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

INIT    KI  Init event    Gained          Week        1071
        Init type     On the fly        seconds     151629.0
        Init counter  30                Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

GPSVEC  TP  Point ID 157       DX   -457.693        DY   -109.244
        Class Normal        DZ   -413.588        Code 315+00E NR
        Mthd Phase Diff.    H.pr 0.022           V.pr 0.033

GPSQC1  NM  Min SVs      6              PDOP max  1.1
        Total GPS pos  5              HDOP max  0.6
        Monitor status Yes            VDOP max  0.9
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1071 sec 151638.0       End wk 1071   sec 151642.0

GPSVEC  TP  Point ID 158       DX   35.429          DY   247.374
        Class Normal        DZ   367.334         Code 325+00E NR
        Mthd Phase Diff.    H.pr 0.025           V.pr 0.037
```

```
GPSQC1  NM  Min SVs      6              PDOP max  1.2
        Total GPS pos  4              HDOP max  0.7
        Monitor status Yes            VDOP max  1.0
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1071 sec 151743.0      End wk 1071   sec 151747.0

INIT    KI  Init event    Lost            Week        1071
        Init type     On the fly        seconds      151751.0
        Init counter  30               Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

INIT    KI  Init event    Gained          Week        1071
        Init type     On the fly        seconds      151775.0
        Init counter  31               Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

GPSVEC  TP  Point ID 159       DX   35.445        DY   247.350
        Class Normal        DZ   367.349        Code 325+00E NR
        Mthd Phase Diff.    H.pr 0.024          V.pr 0.036

GPSQC1  NM  Min SVs      6              PDOP max  1.1
        Total GPS pos  5              HDOP max  0.6
        Monitor status Yes            VDOP max  0.9
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1071 sec 151809.0      End wk 1071   sec 151813.0

GPSVEC  TP  Point ID 3016      DX   33.887        DY   248.477
        Class Normal        DZ   367.817        Code TOP LEVEE
        Mthd Phase Diff.    H.pr 0.021          V.pr 0.031

GPSQC1  NM  Min SVs      6              PDOP max  1.2
        Total GPS pos  4              HDOP max  0.7
        Monitor status Yes            VDOP max  1.0
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1071 sec 151846.0      End wk 1071   sec 151849.0

GPSVEC  TP  Point ID 3017      DX   392.374       DY   696.906
        Class Normal        DZ   1200.734       Code TOP LEVEE
        Mthd Phase Diff.    H.pr 0.025          V.pr 0.038
```

```
GPSQC1  NM  Min SVs      6            PDOP max  1.0
        Total GPS pos  6            HDOP max  0.6
        Monitor status Yes          VDOP max  0.8
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1071 sec 151941.0      End wk 1071   sec 151946.0

GPSVEC  TP  Point ID 160      DX   393.773        DY   696.172
        Class Normal       DZ   1200.763        Code 335+00E NR
        Mthd Phase Diff.    H.pr 0.023          V.pr 0.034

GPSQC1  NM  Min SVs      6            PDOP max  1.1
        Total GPS pos  5            HDOP max  0.6
        Monitor status Yes          VDOP max  0.9
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1071 sec 151968.0      End wk 1071   sec 151972.0

INIT    KI  Init event    Lost          Week        1071
        Init type     On the fly      seconds      151976.0
        Init counter  31              Point ID     <no text>
        Survey type   Real Time        Plate H. Dist <null>
        Plate V. Dist <null>          Plate azimuth <null>

INIT    KI  Init event    Gained        Week        1071
        Init type     On the fly      seconds      151998.0
        Init counter  32              Point ID     <no text>
        Survey type   Real Time        Plate H. Dist <null>
        Plate V. Dist <null>          Plate azimuth <null>

GPSVEC  TP  Point ID 161      DX   393.766        DY   696.163
        Class Normal       DZ   1200.752        Code 335+00E NR
        Mthd Phase Diff.    H.pr 0.022          V.pr 0.034

GPSQC1  NM  Min SVs      6            PDOP max  1.1
        Total GPS pos  5            HDOP max  0.6
        Monitor status Yes          VDOP max  0.9
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1071 sec 152004.0      End wk 1071   sec 152008.0

GPSVEC  TP  Point ID 162      DX   685.507        DY   1179.595
        Class Normal       DZ   2047.306        Code 345+00E NR
        Mthd Phase Diff.    H.pr 0.025          V.pr 0.038
```

```
GPSQC1  NM  Min SVs      6              PDOP max  0.9
        Total GPS pos  7              HDOP max  0.5
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1071 sec 152096.0       End wk 1071   sec 152102.0

INIT    KI  Init event    Lost            Week        1071
        Init type     On the fly        seconds      152110.0
        Init counter  32               Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

INIT    KI  Init event    Gained          Week        1071
        Init type     On the fly        seconds      152131.0
        Init counter  33               Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

GPSVEC  TP  Point ID 163       DX   685.508        DY   1179.594
        Class Normal        DZ   2047.319        Code 345+00E NR
        Mthd Phase Diff.    H.pr 0.023          V.pr 0.035

GPSQC1  NM  Min SVs      6              PDOP max  1.2
        Total GPS pos  3              HDOP max  0.6
        Monitor status Yes            VDOP max  1.0
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1071 sec 152137.0       End wk 1071   sec 152139.0

GPSVEC  TP  Point ID 3018      DX   683.958        DY   1180.753
        Class Normal        DZ   2047.841        Code TOP LEVEE
        Mthd Phase Diff.    H.pr 0.022          V.pr 0.033

GPSQC1  NM  Min SVs      6              PDOP max  1.2
        Total GPS pos  4              HDOP max  0.6
        Monitor status Yes            VDOP max  1.0
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1071 sec 152170.0       End wk 1071   sec 152173.0

INIT    KI  Init event    Lost            Week        1071
        Init type     On the fly        seconds      152180.0
        Init counter  33               Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

NOTE    TS  Time Date 07/17/2000 Time 18:40:28
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```
INIT    KI  Init event    Gained          Week        1071
        Init type     On the fly        seconds     153640.0
        Init counter  34                Point ID    <no text>
        Survey type   Real Time         Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

GPSVEC  TP  Point ID 164        DX  -6380.925        DY  -4849.914
        Class Normal        DZ  -10494.764        Code 165+00W NR
        Mthd Phase Diff.    H.pr 0.026            V.pr 0.047

GPSQC1  NM  Min SVs       7             PDOP max  0.6
        Total GPS pos  13             HDOP max  0.3
        Monitor status Yes            VDOP max  0.5
        Horizontal SD  0.000          Vert SD   0.000
        Start wk 1071 sec 153715.0        End wk 1071   sec 153727.0

INIT    KI  Init event    Lost            Week        1071
        Init type     On the fly        seconds     153732.0
        Init counter  34                Point ID    <no text>
        Survey type   Real Time         Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

INIT    KI  Init event    Gained          Week        1071
        Init type     On the fly        seconds     153808.0
        Init counter  35                Point ID    <no text>
        Survey type   Real Time         Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

GPSVEC  TP  Point ID 165        DX  -6380.965        DY  -4849.921
        Class Normal        DZ  -10494.769        Code 165+00W NR
        Mthd Phase Diff.    H.pr 0.031            V.pr 0.056

GPSQC1  NM  Min SVs       7             PDOP max  0.5
        Total GPS pos  20             HDOP max  0.2
        Monitor status Yes            VDOP max  0.4
        Horizontal SD  0.000          Vert SD   0.000
        Start wk 1071 sec 153812.0        End wk 1071   sec 153831.0

GPSVEC  TP  Point ID 3019       DX  -6378.056        DY  -4850.768
        Class Normal        DZ  -10494.944        Code TOP LEVEE
        Mthd Phase Diff.    H.pr 0.034            V.pr 0.061
```

```
GPSQC1  NM  Min SVs      7              PDOP max  0.6
        Total GPS pos  12             HDOP max  0.3
        Monitor status Yes            VDOP max  0.5
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1071 sec 153859.0       End wk 1071   sec 153870.0

GPSVEC  TP  Point ID 3020       DX  -6089.005       DY  -4382.070
        Class Normal        DZ  -9667.433       Code TOP LEVEE
        Mthd Phase Diff.    H.pr 0.035          V.pr 0.065

GPSQC1  NM  Min SVs      7              PDOP max  0.6
        Total GPS pos  13             HDOP max  0.3
        Monitor status Yes            VDOP max  0.5
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1071 sec 153960.0       End wk 1071   sec 153973.0

GPSVEC  TP  Point ID 166        DX  -6091.735       DY  -4381.204
        Class Normal        DZ  -9667.333       Code 175+00W NR
        Mthd Phase Diff.    H.pr 0.027          V.pr 0.051

GPSQC1  NM  Min SVs      7              PDOP max  0.5
        Total GPS pos  16             HDOP max  0.3
        Monitor status Yes            VDOP max  0.5
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1071 sec 153998.0       End wk 1071   sec 154013.0

INIT    KI  Init event    Lost            Week        1071
        Init type     On the fly        seconds     154020.0
        Init counter  35                Point ID    <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

INIT    KI  Init event    Gained          Week        1071
        Init type     On the fly        seconds     154041.0
        Init counter  36                Point ID    <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

GPSVEC  TP  Point ID 167        DX  -6091.694       DY  -4381.189
        Class Normal        DZ  -9667.327       Code 175+00W NR
        Mthd Phase Diff.    H.pr 0.028          V.pr 0.052
```

```
GPSQC1  NM  Min SVs      7              PDOP max  0.8
        Total GPS pos  8              HDOP max  0.4
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1071 sec 154068.0      End wk 1071   sec 154075.0

GPSVEC  TP  Point ID 168       DX  -5977.936       DY  -3837.370
        Class Normal        DZ  -8844.871       Code 185+00W NR
        Mthd Phase Diff.    H.pr 0.028          V.pr 0.053

GPSQC1  NM  Min SVs      7              PDOP max  0.9
        Total GPS pos  5              HDOP max  0.4
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1071 sec 154176.0      End wk 1071   sec 154180.0

INIT    KI  Init event    Lost            Week        1071
        Init type     On the fly        seconds     154186.0
        Init counter  36                Point ID    <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

INIT    KI  Init event    Gained          Week        1071
        Init type     On the fly        seconds     154221.0
        Init counter  37                Point ID    <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

GPSVEC  TP  Point ID 169       DX  -5977.960       DY  -3837.380
        Class Normal        DZ  -8844.901       Code 185+00W NR
        Mthd Phase Diff.    H.pr 0.022          V.pr 0.042

GPSQC1  NM  Min SVs      7              PDOP max  0.9
        Total GPS pos  6              HDOP max  0.4
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1071 sec 154226.0      End wk 1071   sec 154231.0

GPSVEC  TP  Point ID 3021      DX  -5975.770       DY  -3838.130
        Class Normal        DZ  -8845.023       Code TOP LEVEE
        Mthd Phase Diff.    H.pr 0.021          V.pr 0.041
```

```
GPSQC1  NM  Min SVs      7              PDOP max  0.9
        Total GPS pos  6              HDOP max  0.4
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1071 sec 154261.0       End wk 1071   sec 154266.0

GPSVEC  TP  Point ID 3022       DX  -5746.302       DY  -3324.225
        Class Normal        DZ  -7992.769       Code TOP LEVEE
        Mthd Phase Diff.    H.pr 0.021          V.pr 0.040

GPSQC1  NM  Min SVs      7              PDOP max  0.8
        Total GPS pos  7              HDOP max  0.4
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1071 sec 154342.0       End wk 1071   sec 154348.0

GPSVEC  TP  Point ID 170        DX  -5748.184       DY  -3323.528
        Class Normal        DZ  -7992.561       Code 195+00W NR
        Mthd Phase Diff.    H.pr 0.018          V.pr 0.036

GPSQC1  NM  Min SVs      7              PDOP max  0.9
        Total GPS pos  6              HDOP max  0.4
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1071 sec 154371.0       End wk 1071   sec 154376.0

INIT    KI  Init event    Lost            Week        1071
        Init type     On the fly        seconds     154381.0
        Init counter  37                Point ID    <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

INIT    KI  Init event    Gained          Week        1071
        Init type     On the fly        seconds     154409.0
        Init counter  38                Point ID    <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

GPSVEC  TP  Point ID 171        DX  -5748.195       DY  -3323.530
        Class Normal        DZ  -7992.569       Code 195+00W NR
        Mthd Phase Diff.    H.pr 0.021          V.pr 0.042
```

```
GPSQC1  NM  Min SVs      7              PDOP max  1.0
        Total GPS pos  5              HDOP max  0.4
        Monitor status Yes            VDOP max  0.9
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1071 sec 154419.0      End wk 1071   sec 154423.0

GPSVEC  TP  Point ID 172       DX  -5277.519       DY  -2970.772
        Class Normal        DZ  -7228.282       Code 205+00W NR
        Mthd Phase Diff.    H.pr 0.021          V.pr 0.043

GPSQC1  NM  Min SVs      7              PDOP max  0.9
        Total GPS pos  5              HDOP max  0.4
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1071 sec 154550.0      End wk 1071   sec 154554.0

INIT    KI  Init event    Lost            Week        1071
        Init type     On the fly        seconds     154564.0
        Init counter  38                Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

INIT    KI  Init event    Gained          Week        1071
        Init type     On the fly        seconds     154593.0
        Init counter  39                Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

GPSVEC  TP  Point ID 173       DX  -5277.534       DY  -2970.780
        Class Normal        DZ  -7228.310       Code 205+00W NR
        Mthd Phase Diff.    H.pr 0.021          V.pr 0.042

GPSQC1  NM  Min SVs      7              PDOP max  0.8
        Total GPS pos  7              HDOP max  0.4
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1071 sec 154599.0      End wk 1071   sec 154605.0

GPSVEC  TP  Point ID 3023      DX  -5275.231       DY  -2972.044
        Class Normal        DZ  -7229.212       Code TOP LEVEE
        Mthd Phase Diff.    H.pr 0.022          V.pr 0.045
```

```
GPSQC1  NM  Min SVs      7              PDOP max  1.0
        Total GPS pos  5              HDOP max  0.4
        Monitor status Yes            VDOP max  0.9
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1071 sec 154630.0       End wk 1071   sec 154634.0

INIT    KI  Init event    Lost            Week        1071
        Init type     On the fly        seconds      154645.0
        Init counter  39               Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

NOTE    TS  Time Date 07/17/2000 Time 19:19:21

INIT    KI  Init event    Gained          Week        1071
        Init type     On the fly        seconds      155973.0
        Init counter  40               Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

GPSVEC  TP  Point ID 174        DX  -4744.934        DY  -2604.049
        Class Normal        DZ  -6394.645        Code 235+00W NR
        Mthd Phase Diff.    H.pr 0.022           V.pr 0.041

GPSQC1  NM  Min SVs      9              PDOP max  0.5
        Total GPS pos  10             HDOP max  0.2
        Monitor status Yes            VDOP max  0.5
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1071 sec 155987.0       End wk 1071   sec 155996.0

INIT    KI  Init event    Lost            Week        1071
        Init type     On the fly        seconds      156002.0
        Init counter  40               Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

INIT    KI  Init event    Gained          Week        1071
        Init type     On the fly        seconds      156048.0
        Init counter  41               Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

GPSVEC  TP  Point ID 175        DX  -4744.958        DY  -2604.077
        Class Normal        DZ  -6394.623        Code 235+00W NR
        Mthd Phase Diff.    H.pr 0.026           V.pr 0.050
```

```
GPSQC1  NM  Min SVs      9              PDOP max  0.6
        Total GPS pos  8              HDOP max  0.3
        Monitor status Yes            VDOP max  0.5
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1071 sec 156052.0       End wk 1071   sec 156060.0

INIT    KI  Init event    Lost            Week        1071
        Init type     On the fly        seconds      156071.0
        Init counter  41               Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

INIT    KI  Init event    Gained          Week        1071
        Init type     On the fly        seconds      156104.0
        Init counter  42               Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

GPSVEC  TP  Point ID 176       DX  -4744.909       DY  -2604.100
        Class Normal        DZ  -6394.620       Code 235+00W NR
        Mthd Phase Diff.    H.pr 0.017          V.pr 0.033

GPSQC1  NM  Min SVs      9              PDOP max  0.7
        Total GPS pos  6              HDOP max  0.3
        Monitor status Yes            VDOP max  0.6
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1071 sec 156131.0       End wk 1071   sec 156136.0

GPSVEC  TP  Point ID 3024      DX  -4743.891       DY  -2604.883
        Class Normal        DZ  -6395.264       Code TOP LEVEE
        Mthd Phase Diff.    H.pr 0.021          V.pr 0.039

GPSQC1  NM  Min SVs      9              PDOP max  0.7
        Total GPS pos  6              HDOP max  0.3
        Monitor status Yes            VDOP max  0.6
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1071 sec 156187.0       End wk 1071   sec 156192.0

GPSVEC  TP  Point ID 3025      DX  -4019.188       DY  -2423.014
        Class Normal        DZ  -5724.338       Code TOP LEVEE
        Mthd Phase Diff.    H.pr 0.023          V.pr 0.044
```

```
GPSQC1  NM  Min SVs      9              PDOP max  0.7
        Total GPS pos  6              HDOP max  0.3
        Monitor status Yes            VDOP max  0.6
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1071 sec 156289.0       End wk 1071   sec 156294.0

GPSVEC  TP  Point ID 177       DX  -4020.505       DY  -2422.266
        Class Normal        DZ  -5723.967       Code 245+00W NR
        Mthd Phase Diff.    H.pr 0.024          V.pr 0.046

GPSQC1  NM  Min SVs      8              PDOP max  0.7
        Total GPS pos  6              HDOP max  0.3
        Monitor status Yes            VDOP max  0.6
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1071 sec 156316.0       End wk 1071   sec 156321.0

INIT    KI  Init event    Lost            Week        1071
        Init type     On the fly        seconds     156327.0
        Init counter  42                Point ID    <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

INIT    KI  Init event    Gained          Week        1071
        Init type     On the fly        seconds     156362.0
        Init counter  43                Point ID    <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

GPSVEC  TP  Point ID 178       DX  -4020.556       DY  -2422.295
        Class Normal        DZ  -5723.965       Code 245+00W NR
        Mthd Phase Diff.    H.pr 0.022          V.pr 0.042

GPSQC1  NM  Min SVs      9              PDOP max  0.7
        Total GPS pos  6              HDOP max  0.3
        Monitor status Yes            VDOP max  0.6
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1071 sec 156369.0       End wk 1071   sec 156374.0

INIT    KI  Init event    Lost            Week        1071
        Init type     On the fly        seconds     156384.0
        Init counter  43                Point ID    <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>
```

```
INIT   KI  Init event   Gained          Week       1071
       Init type    On the fly       seconds     156417.0
       Init counter  44              Point ID    <no text>
       Survey type   Real Time        Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>

GPSVEC  TP  Point ID 179       DX  -4020.572       DY  -2422.262
       Class Normal       DZ  -5723.977       Code 245+00W NR
       Mthd Phase Diff.    H.pr 0.023          V.pr 0.043

GPSQC1  NM  Min SVs       9              PDOP max  0.6
       Total GPS pos  7              HDOP max  0.3
       Monitor status Yes            VDOP max  0.6
       Horizontal SD  0.000           Vert SD   0.000
       Start wk 1071 sec 156423.0       End wk 1071   sec 156429.0

GPSVEC  TP  Point ID 180       DX  -3820.758       DY  -1902.101
       Class Normal       DZ  -4876.290       Code 255+00W NR
       Mthd Phase Diff.    H.pr 0.023          V.pr 0.043

GPSQC1  NM  Min SVs       9              PDOP max  0.6
       Total GPS pos  7              HDOP max  0.3
       Monitor status Yes            VDOP max  0.6
       Horizontal SD  0.000           Vert SD   0.000
       Start wk 1071 sec 156521.0       End wk 1071   sec 156527.0

INIT   KI  Init event   Lost            Week       1071
       Init type    On the fly       seconds     156532.0
       Init counter  44              Point ID    <no text>
       Survey type   Real Time        Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>

INIT   KI  Init event   Gained          Week       1071
       Init type    On the fly       seconds     156558.0
       Init counter  45              Point ID    <no text>
       Survey type   Real Time        Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>

GPSVEC  TP  Point ID 181       DX  -3820.742       DY  -1902.099
       Class Normal       DZ  -4876.268       Code 255+00W NR
       Mthd Phase Diff.    H.pr 0.019          V.pr 0.036
```

GPSQC1 NM Min SVs 9 PDOP max 0.7
Total GPS pos 5 HDOP max 0.3
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1071 sec 156569.0 End wk 1071 sec 156573.0

GPSVEC TP Point ID 3026 DX -3819.157 DY -1902.590
Class Normal DZ -4876.203 Code TOP LEVEE
Mthd Phase Diff. H.pr 0.019 V.pr 0.035

GPSQC1 NM Min SVs 9 PDOP max 0.6
Total GPS pos 6 HDOP max 0.3
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1071 sec 156609.0 End wk 1071 sec 156615.0

GPSVEC TP Point ID 3027 DX -3798.069 DY -1807.243
Class Normal DZ -4729.646 Code TOP LEVEE
Mthd Phase Diff. H.pr 0.018 V.pr 0.034

GPSQC1 NM Min SVs 9 PDOP max 0.7
Total GPS pos 4 HDOP max 0.3
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1071 sec 156650.0 End wk 1071 sec 156654.0

GPSVEC TP Point ID 182 DX -3799.982 DY -1806.626
Class Normal DZ -4729.658 Code 256+76W NR GRD C
Mthd Phase Diff. H.pr 0.020 V.pr 0.037

F-CODE TP Code 256+76W NR GRD CTRL

GPSQC1 NM Min SVs 9 PDOP max 0.7
Total GPS pos 4 HDOP max 0.3
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1071 sec 156678.0 End wk 1071 sec 156682.0

INIT KI Init event Lost Week 1071
Init type On the fly seconds 156689.0
Init counter 45 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

```
INIT   KI  Init event   Gained          Week        1071
       Init type    On the fly       seconds     156715.0
       Init counter  46              Point ID    <no text>
       Survey type   Real Time        Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>

GPSVEC  TP  Point ID 183       DX  -3799.993       DY  -1806.625
       Class Normal        DZ  -4729.667       Code 256+76W NR GRD C
       Mthd Phase Diff.    H.pr 0.025          V.pr 0.047

F-CODE  TP  Code 256+76W NR GRD CTRL

GPSQC1  NM  Min SVs       9              PDOP max  0.8
       Total GPS pos  4              HDOP max  0.4
       Monitor status Yes            VDOP max  0.7
       Horizontal SD  0.000           Vert SD   0.000
       Start wk 1071 sec 156720.0       End wk 1071   sec 156723.0

GPSVEC  TP  Point ID 184       DX  -3515.308       DY  -1441.155
       Class Normal        DZ  -4053.018       Code 265+00W NR
       Mthd Phase Diff.    H.pr 0.024          V.pr 0.045

GPSQC1  NM  Min SVs       9              PDOP max  0.6
       Total GPS pos  6              HDOP max  0.3
       Monitor status Yes            VDOP max  0.6
       Horizontal SD  0.000           Vert SD   0.000
       Start wk 1071 sec 156809.0       End wk 1071   sec 156815.0

INIT   KI  Init event   Lost            Week        1071
       Init type    On the fly       seconds     156821.0
       Init counter  46              Point ID    <no text>
       Survey type   Real Time        Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>

INIT   KI  Init event   Gained          Week        1071
       Init type    On the fly       seconds     156856.0
       Init counter  47              Point ID    <no text>
       Survey type   Real Time        Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>

GPSVEC  TP  Point ID 185       DX  -3515.318       DY  -1441.112
       Class Normal        DZ  -4053.041       Code 265+00W NR
       Mthd Phase Diff.    H.pr 0.020          V.pr 0.038
```

```
GPSQC1  NM  Min SVs      9              PDOP max  0.7
        Total GPS pos  6              HDOP max  0.3
        Monitor status Yes            VDOP max  0.6
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1071 sec 156864.0      End wk 1071   sec 156869.0

INIT    KI  Init event    Lost            Week        1071
        Init type     On the fly        seconds      156882.0
        Init counter  47               Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

INIT    KI  Init event    Gained          Week        1071
        Init type     On the fly        seconds      156910.0
        Init counter  48               Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

GPSVEC  TP  Point ID 186       DX  -3515.326       DY  -1441.130
        Class Normal        DZ  -4053.070       Code 265+00W NR
        Mthd Phase Diff.    H.pr 0.018          V.pr 0.033

GPSQC1  NM  Min SVs      8              PDOP max  0.9
        Total GPS pos  5              HDOP max  0.4
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1071 sec 156913.0      End wk 1071   sec 156917.0

GPSVEC  TP  Point ID 3028      DX  -3513.983       DY  -1441.935
        Class Normal        DZ  -4053.543       Code TOP LEVEE
        Mthd Phase Diff.    H.pr 0.025          V.pr 0.048

GPSQC1  NM  Min SVs      7              PDOP max  1.0
        Total GPS pos  4              HDOP max  0.5
        Monitor status Yes            VDOP max  0.9
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1071 sec 156949.0      End wk 1071   sec 156953.0

GPSVEC  TP  Point ID 3029      DX  -2902.597       DY  -1186.723
        Class Normal        DZ  -3340.838       Code TOP LEVEE
        Mthd Phase Diff.    H.pr 0.019          V.pr 0.036
```

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1071 sec 157018.0 End wk 1071 sec 157022.0

GPSVEC TP Point ID 187 DX -2904.146 DY -1185.620
Class Normal DZ -3339.929 Code 275+00W NR
Mthd Phase Diff. H.pr 0.021 V.pr 0.040

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 8 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1071 sec 157043.0 End wk 1071 sec 157050.0

INIT KI Init event Lost Week 1071
Init type On the fly seconds 157056.0
Init counter 48 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1071
Init type On the fly seconds 157087.0
Init counter 49 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 188 DX -2904.137 DY -1185.598
Class Normal DZ -3339.949 Code 275+00W NR
Mthd Phase Diff. H.pr 0.024 V.pr 0.045

GPSQC1 NM Min SVs 7 PDOP max 0.7
Total GPS pos 10 HDOP max 0.3
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1071 sec 157092.0 End wk 1071 sec 157101.0

GPSVEC TP Point ID 189 DX -2328.098 DY -869.969
Class Normal DZ -2568.715 Code 285+00W NR
Mthd Phase Diff. H.pr 0.021 V.pr 0.038

```
GPSQC1  NM  Min SVs      8              PDOP max  0.9
        Total GPS pos  6              HDOP max  0.4
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1071 sec 157238.0      End wk 1071   sec 157243.0

INIT    KI  Init event    Lost            Week        1071
        Init type     On the fly        seconds      157249.0
        Init counter  49                Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

INIT    KI  Init event    Gained          Week        1071
        Init type     On the fly        seconds      157286.0
        Init counter  50                Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

GPSVEC  TP  Point ID 190        DX  -2328.131        DY  -870.006
        Class Normal        DZ  -2568.736        Code 285+00W NR
        Mthd Phase Diff.    H.pr 0.020           V.pr 0.036

GPSQC1  NM  Min SVs      8              PDOP max  0.9
        Total GPS pos  5              HDOP max  0.4
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1071 sec 157293.0      End wk 1071   sec 157297.0

GPSVEC  TP  Point ID 3030       DX  -2326.150        DY  -870.789
        Class Normal        DZ  -2569.092        Code TOP LEVEE
        Mthd Phase Diff.    H.pr 0.021           V.pr 0.039

GPSQC1  NM  Min SVs      8              PDOP max  0.9
        Total GPS pos  6              HDOP max  0.4
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1071 sec 157326.0      End wk 1071   sec 157331.0

INIT    KI  Init event    Lost            Week        1071
        Init type     On the fly        seconds      157343.0
        Init counter  50                Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

NOTE    TS  Time Date 07/17/2000 Time 19:51:52
```

```
NOTE   KI  Computed inverse, Start pt: 189, End pt: 190,

NOTE   KI  Azimuth: 201.439°, H Dist: 0.046ft, V Dist: 0.028ft,

NOTE   KI  S Dist: 0.054ft

INIT   KI  Init event   Gained          Week        1071
           Init type    On the fly      seconds     157934.0
           Init counter 51              Point ID    <no text>
           Survey type  Real Time       Plate H. Dist <null>
           Plate V. Dist <null>         Plate azimuth <null>

GPSVEC TP  Point ID 191      DX  -1829.433      DY  -556.122
           Class Normal      DZ  -1840.853      Code 295+00W NR
           Mthd Phase Diff.  H.pr 0.024         V.pr 0.039

GPSQC1 NM  Min SVs      8            PDOP max  0.8
           Total GPS pos 6            HDOP max  0.4
           Monitor status Yes         VDOP max  0.7
           Horizontal SD 0.000        Vert SD   0.000
           Start wk 1071 sec 157957.0     End wk 1071   sec 157963.0

INIT   KI  Init event   Lost          Week        1071
           Init type    On the fly      seconds     157974.0
           Init counter 51              Point ID    <no text>
           Survey type  Real Time       Plate H. Dist <null>
           Plate V. Dist <null>         Plate azimuth <null>

INIT   KI  Init event   Gained          Week        1071
           Init type    On the fly      seconds     158001.0
           Init counter 52              Point ID    <no text>
           Survey type  Real Time       Plate H. Dist <null>
           Plate V. Dist <null>         Plate azimuth <null>

GPSVEC TP  Point ID 192      DX  -1829.445      DY  -556.133
           Class Normal      DZ  -1840.851      Code 295+00W NR
           Mthd Phase Diff.  H.pr 0.024         V.pr 0.039

GPSQC1 NM  Min SVs      8            PDOP max  0.9
           Total GPS pos 6            HDOP max  0.5
           Monitor status Yes         VDOP max  0.7
           Horizontal SD 0.000        Vert SD   0.000
           Start wk 1071 sec 158008.0     End wk 1071   sec 158013.0
```

GPSVEC TP Point ID 3031 DX -1827.940 DY -556.963
Class Normal DZ -1841.377 Code TOP LEVEE
Mthd Phase Diff. H.pr 0.021 V.pr 0.034

GPSQC1 NM Min SVs 8 PDOP max 0.9
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1071 sec 158038.0 End wk 1071 sec 158043.0

INIT KI Init event Lost Week 1071
Init type On the fly seconds 158065.0
Init counter 52 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1071
Init type On the fly seconds 158187.0
Init counter 53 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 193 DX -1450.985 DY -312.960
Class Normal DZ -1282.971 Code 302+16W NR GRD C
Mthd Phase Diff. H.pr 0.025 V.pr 0.041

F-CODE TP Code 302+16W NR GRD CTRL

GPSQC1 NM Min SVs 8 PDOP max 1.0
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1071 sec 158197.0 End wk 1071 sec 158201.0

INIT KI Init event Lost Week 1071
Init type On the fly seconds 158207.0
Init counter 53 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1071
Init type On the fly seconds 158234.0
Init counter 54 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 194 DX -1450.970 DY -312.967
Class Normal DZ -1282.942 Code 302+16W NR GRD C
Mthd Phase Diff. H.pr 0.021 V.pr 0.035

F-CODE TP Code 302+16W NR GRD CTRL

GPSQC1 NM Min SVs 8 PDOP max 0.9
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1071 sec 158259.0 End wk 1071 sec 158264.0

GPSVEC TP Point ID 3032 DX -1449.300 DY -314.016
Class Normal DZ -1283.898 Code TOP LEVEE
Mthd Phase Diff. H.pr 0.024 V.pr 0.039

GPSQC1 NM Min SVs 8 PDOP max 0.9
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1071 sec 158293.0 End wk 1071 sec 158298.0

INIT KI Init event Lost Week 1071
Init type On the fly seconds 158310.0
Init counter 54 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1071
Init type On the fly seconds 158593.0
Init counter 55 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 195 DX -1279.525 DY -239.751
Class Normal DZ -1075.026 Code 305+00W NR
Mthd Phase Diff. H.pr 0.021 V.pr 0.036

GPSQC1 NM Min SVs 8 PDOP max 0.8
Total GPS pos 10 HDOP max 0.4
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1071 sec 158600.0 End wk 1071 sec 158609.0

```
INIT   KI  Init event   Lost          Week        1071
       Init type    On the fly       seconds     158617.0
       Init counter  55              Point ID    <no text>
       Survey type   Real Time        Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>

INIT   KI  Init event   Gained        Week        1071
       Init type    On the fly       seconds     158641.0
       Init counter  56              Point ID    <no text>
       Survey type   Real Time        Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>

GPSVEC  TP  Point ID 196       DX  -1279.525       DY  -239.720
       Class Normal        DZ  -1075.004       Code 305+00W NR
       Mthd Phase Diff.    H.pr 0.023          V.pr 0.040

GPSQC1  NM  Min SVs       8             PDOP max  1.1
       Total GPS pos  4              HDOP max  0.6
       Monitor status Yes            VDOP max  1.0
       Horizontal SD  0.000          Vert SD   0.000
       Start wk 1071 sec 158647.0       End wk 1071   sec 158650.0

GPSVEC  TP  Point ID 3033      DX  -1278.237       DY  -240.625
       Class Normal        DZ  -1075.897       Code TOP LEVEE
       Mthd Phase Diff.    H.pr 0.020          V.pr 0.035

GPSQC1  NM  Min SVs       8             PDOP max  0.9
       Total GPS pos  6              HDOP max  0.5
       Monitor status Yes            VDOP max  0.8
       Horizontal SD  0.000          Vert SD   0.000
       Start wk 1071 sec 158684.0       End wk 1071   sec 158689.0

GPSVEC  TP  Point ID 3034      DX  -750.630        DY  99.346
       Class Normal        DZ  -290.171        Code TOP LEVEE
       Mthd Phase Diff.    H.pr 0.023          V.pr 0.040

GPSQC1  NM  Min SVs       8             PDOP max  1.0
       Total GPS pos  3              HDOP max  0.5
       Monitor status Yes            VDOP max  0.9
       Horizontal SD  0.000          Vert SD   0.000
       Start wk 1071 sec 158931.0       End wk 1071   sec 158939.0

GPSVEC  TP  Point ID 197       DX  -752.376        DY  100.161
       Class Normal        DZ  -289.628        Code 315+00W NR
       Mthd Phase Diff.    H.pr 0.020          V.pr 0.035
```

```
GPSQC1  NM  Min SVs      8              PDOP max  0.8
        Total GPS pos  3              HDOP max  0.4
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1071 sec 158978.0       End wk 1071   sec 158993.0

INIT    KI  Init event    Lost            Week        1071
        Init type     On the fly        seconds      158998.0
        Init counter  56                Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

INIT    KI  Init event    Gained          Week        1071
        Init type     On the fly        seconds      159026.0
        Init counter  57                Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

GPSVEC  TP  Point ID 198        DX  -752.374        DY   100.139
        Class Normal        DZ  -289.627        Code 315+00W NR
        Mthd Phase Diff.    H.pr 0.019          V.pr 0.033

GPSQC1  NM  Min SVs      8              PDOP max  1.0
        Total GPS pos  5              HDOP max  0.5
        Monitor status Yes            VDOP max  0.9
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1071 sec 159030.0       End wk 1071   sec 159034.0

GPSVEC  TP  Point ID 199        DX  -250.798        DY   456.058
        Class Normal        DZ   494.914        Code 325+00W NR
        Mthd Phase Diff.    H.pr 0.028          V.pr 0.048

GPSQC1  NM  Min SVs      8              PDOP max  1.0
        Total GPS pos  6              HDOP max  0.5
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1071 sec 159127.0       End wk 1071   sec 159132.0

INIT    KI  Init event    Lost            Week        1071
        Init type     On the fly        seconds      159145.0
        Init counter  57                Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>
```

```
INIT   KI  Init event   Gained          Week        1071
           Init type    On the fly       seconds     159169.0
           Init counter 58               Point ID    <no text>
           Survey type  Real Time        Plate H. Dist <null>
           Plate V. Dist <null>          Plate azimuth <null>

GPSVEC  TP  Point ID 200      DX  -250.815      DY  456.044
           Class Normal      DZ  494.918       Code 325+00W NR
           Mthd Phase Diff.   H.pr 0.026        V.pr 0.045

GPSQC1  NM  Min SVs      8            PDOP max  1.0
           Total GPS pos  5            HDOP max  0.5
           Monitor status Yes          VDOP max  0.9
           Horizontal SD  0.000        Vert SD   0.000
           Start wk 1071 sec 159176.0      End wk 1071   sec 159180.0

GPSVEC  TP  Point ID 3035     DX  -249.528      DY  455.332
           Class Normal      DZ  494.395       Code TOP LEVEE
           Mthd Phase Diff.   H.pr 0.024        V.pr 0.043

GPSQC1  NM  Min SVs      8            PDOP max  1.0
           Total GPS pos  5            HDOP max  0.5
           Monitor status Yes          VDOP max  0.8
           Horizontal SD  0.000        Vert SD   0.000
           Start wk 1071 sec 159210.0      End wk 1071   sec 159215.0

GPSVEC  TP  Point ID 3036     DX  86.598        DY  906.946
           Class Normal      DZ  1319.201      Code TOP LEVEE
           Mthd Phase Diff.   H.pr 0.028        V.pr 0.049

GPSQC1  NM  Min SVs      8            PDOP max  0.9
           Total GPS pos  8            HDOP max  0.4
           Monitor status Yes          VDOP max  0.7
           Horizontal SD  0.000        Vert SD   0.000
           Start wk 1071 sec 159279.0      End wk 1071   sec 159286.0

GPSVEC  TP  Point ID 201      DX  84.503        DY  907.640
           Class Normal      DZ  1319.304      Code 335+00W NR
           Mthd Phase Diff.   H.pr 0.018        V.pr 0.032

GPSQC1  NM  Min SVs      8            PDOP max  0.9
           Total GPS pos  8            HDOP max  0.4
           Monitor status Yes          VDOP max  0.7
           Horizontal SD  0.000        Vert SD   0.000
           Start wk 1071 sec 159308.0      End wk 1071   sec 159315.0
```

```
INIT   KI  Init event   Lost          Week        1071
        Init type    On the fly      seconds     159321.0
        Init counter  58             Point ID    <no text>
        Survey type   Real Time        Plate H. Dist <null>
        Plate V. Dist <null>          Plate azimuth <null>

INIT   KI  Init event   Gained        Week        1071
        Init type    On the fly      seconds     159346.0
        Init counter  59             Point ID    <no text>
        Survey type   Real Time        Plate H. Dist <null>
        Plate V. Dist <null>          Plate azimuth <null>

GPSVEC  TP  Point ID 202       DX  84.520        DY  907.628
        Class Normal        DZ  1319.322        Code 335+00W NR
        Mthd Phase Diff.    H.pr 0.022          V.pr 0.039

GPSQC1  NM  Min SVs      8            PDOP max  1.0
        Total GPS pos  6            HDOP max  0.5
        Monitor status Yes          VDOP max  0.8
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1071 sec 159350.0      End wk 1071   sec 159355.0

GPSVEC  TP  Point ID 203       DX  405.427       DY  1362.499
        Class Normal        DZ  2142.146        Code 345+00W NR
        Mthd Phase Diff.    H.pr 0.019          V.pr 0.044

GPSQC1  NM  Min SVs      7            PDOP max  1.2
        Total GPS pos  7            HDOP max  0.5
        Monitor status Yes          VDOP max  1.1
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1071 sec 159465.0      End wk 1071   sec 159471.0

INIT   KI  Init event   Lost          Week        1071
        Init type    On the fly      seconds     159486.0
        Init counter  59             Point ID    <no text>
        Survey type   Real Time        Plate H. Dist <null>
        Plate V. Dist <null>          Plate azimuth <null>

INIT   KI  Init event   Gained        Week        1071
        Init type    On the fly      seconds     159516.0
        Init counter  60             Point ID    <no text>
        Survey type   Real Time        Plate H. Dist <null>
        Plate V. Dist <null>          Plate azimuth <null>
```

GPSVEC TP Point ID 204 DX 405.422 DY 1362.505
Class Normal DZ 2142.132 Code 345+00W NR
Mthd Phase Diff. H.pr 0.025 V.pr 0.060

GPSQC1 NM Min SVs 7 PDOP max 1.2
Total GPS pos 8 HDOP max 0.4
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1071 sec 159522.0 End wk 1071 sec 159529.0

GPSVEC TP Point ID 3037 DX 406.981 DY 1361.622
Class Normal DZ 2141.509 Code TOP LEVEE
Mthd Phase Diff. H.pr 0.024 V.pr 0.057

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 9 HDOP max 0.4
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1071 sec 159557.0 End wk 1071 sec 159565.0

INIT KI Init event Lost Week 1071
Init type On the fly seconds 159580.0
Init counter 60 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

NOTE TS Time Date 07/17/2000 Time 20:23:41

INIT KI Init event Gained Week 1071
Init type On the fly seconds 159833.0
Init counter 61 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 205 DX 926.204 DY 1715.325
Class Normal DZ 2928.979 Code 355+00W NR
Mthd Phase Diff. H.pr 0.024 V.pr 0.041

GPSQC1 NM Min SVs 8 PDOP max 0.9
Total GPS pos 7 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1071 sec 159847.0 End wk 1071 sec 159853.0

```
INIT   KI  Init event   Lost            Week        1071
       Init type    On the fly        seconds     159859.0
       Init counter  61               Point ID    <no text>
       Survey type   Real Time          Plate H. Dist <null>
       Plate V. Dist <null>            Plate azimuth <null>

INIT   KI  Init event   Gained          Week        1071
       Init type    On the fly        seconds     159887.0
       Init counter  62               Point ID    <no text>
       Survey type   Real Time          Plate H. Dist <null>
       Plate V. Dist <null>            Plate azimuth <null>

GPSVEC  TP  Point ID 206       DX  926.197        DY  1715.336
       Class Normal        DZ  2928.968        Code 355+00W NR
       Mthd Phase Diff.    H.pr 0.026          V.pr 0.045

GPSQC1  NM  Min SVs       8              PDOP max  0.9
       Total GPS pos  7               HDOP max  0.4
       Monitor status Yes             VDOP max  0.8
       Horizontal SD  0.000            Vert SD   0.000
       Start wk 1071 sec 159894.0       End wk 1071   sec 159900.0

GPSVEC  TP  Point ID 3038      DX  927.567        DY  1714.376
       Class Normal        DZ  2928.098        Code TOP LEVEE
       Mthd Phase Diff.    H.pr 0.025          V.pr 0.044

GPSQC1  NM  Min SVs       8              PDOP max  1.1
       Total GPS pos  4               HDOP max  0.5
       Monitor status Yes             VDOP max  1.0
       Horizontal SD  0.000            Vert SD   0.000
       Start wk 1071 sec 159927.0       End wk 1071   sec 159930.0

INIT   KI  Init event   Lost            Week        1071
       Init type    On the fly        seconds     159940.0
       Init counter  62               Point ID    <no text>
       Survey type   Real Time          Plate H. Dist <null>
       Plate V. Dist <null>            Plate azimuth <null>

SURVEY  KI  Elev mask 10                PDOP mask 6.0

EQUIP   NM  Receiver  4800              Serial no 20152374
       Antenna   4800 Internal
       Method    Measured to bottom of antenna mount
       Tape adj  0.000                 Serial no <no text>
       Radius    0.000                 V.Const   0.511
```

```
SURVEY EVENTKISurvey event Rover survey started

NOTE   TS  Time Date 07/17/2000 Time 20:28:44

GPSANT  KI  Antenna ht 5.246              Measuremt True

GPSREF  KI  Reference BAS3

INIT   KI  Init event   Gained          Week        1071
       Init type    On the fly        seconds      160366.0
       Init counter  1               Point ID     <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>

EQUIP   NM  Receiver  4800              Serial no 20152374
       Antenna   4800 Internal
       Method    Measured to bottom of antenna mount
       Tape adj  0.000              Serial no <no text>
       Radius    0.000              V.Const   0.511

GPSANT  KI  Antenna ht 5.906              Measuremt Uncorrected

GPSVEC  TP  Point ID 207       DX   1162.901        DY   1503.648
       Class Normal        DZ   2768.791        Code 355+00E NR
       Mthd Phase Diff.    H.pr 0.020          V.pr 0.034

GPSQC1  NM  Min SVs       8              PDOP max  0.9
       Total GPS pos  4              HDOP max  0.4
       Monitor status Yes            VDOP max  0.8
       Horizontal SD  0.000          Vert SD   0.000
       Start wk 1071 sec 160420.0       End wk 1071   sec 160434.0

INIT   KI  Init event   Lost          Week        1071
       Init type    On the fly        seconds      160468.0
       Init counter  1               Point ID     <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>

INIT   KI  Init event   Gained          Week        1071
       Init type    On the fly        seconds      160490.0
       Init counter  2               Point ID     <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>
```

```
GPSVEC  TP  Point ID 208        DX   1162.947        DY   1503.657
        Class Normal        DZ   2768.810        Code 355+00E NR
        Mthd Phase Diff.    H.pr 0.017          V.pr 0.029

GPSQC1  NM  Min SVs      8              PDOP max  0.9
        Total GPS pos  6              HDOP max  0.4
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1071 sec 160505.0       End wk 1071   sec 160510.0

GPSVEC  TP  Point ID 3039       DX   1161.456        DY   1504.934
        Class Normal        DZ   2769.481        Code TOP LEVEE
        Mthd Phase Diff.    H.pr 0.019          V.pr 0.033

GPSQC1  NM  Min SVs      8              PDOP max  1.0
        Total GPS pos  4              HDOP max  0.5
        Monitor status Yes            VDOP max  0.9
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1071 sec 160541.0       End wk 1071   sec 160544.0

INIT    KI  Init event    Lost            Week        1071
        Init type     On the fly        seconds     160549.0
        Init counter  2                 Point ID    <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

SURVEY  KI  Elev mask 10                PDOP mask 6.0

EQUIP   BA  Receiver  4800              Serial no 20141803
        Antenna   4800 Internal
        Method    Reading from hook using 4800 tape
        Tape adj  0.000                 Serial no <no text>
        Radius    0.358                 V.Const   0.104

SURVEY EVENTKISurvey event Base survey started

NOTE    TS  Time Date 07/18/2000 Time 16:08:14

EQUIP   BA  Receiver  4800              Serial no 20141803
        Antenna   4800 Internal
        Method    Reading from hook using 4800 tape
        Tape adj  0.000                 Serial no <no text>
        Radius    0.358                 V.Const   0.104

GPSANT  KI  Antenna ht 5.151            Measuremt Uncorrected
```

```
EQUIP  BA  Receiver  4800              Serial no 20141803
       Antenna   4800 Internal
       Method    Reading from hook using 4800 tape
       Tape adj  0.000              Serial no <no text>
       Radius    0.358              V.Const   0.104

GPSANT  KI  Antenna ht 5.151              Measuremt Uncorrected

EQUIP  BA  Receiver  4800              Serial no 20141803
       Antenna   4800 Internal
       Method    Reading from hook using 4800 tape
       Tape adj  0.000              Serial no <no text>
       Radius    0.358              V.Const   0.104

GPSANT  KI  Antenna ht 5.151              Measuremt Uncorrected

GPSREF  KI  Reference BAS3

SURVEY  KI  Elev mask 10                  PDOP mask 6.0

EQUIP  NM  Receiver  4800              Serial no 20152374
       Antenna   4800 Internal
       Method    Measured to bottom of antenna mount
       Tape adj  0.000              Serial no <no text>
       Radius    0.000              V.Const   0.511

SURVEY EVENTKISurvey event Rover survey started

NOTE   TS  Time Date 07/18/2000 Time 16:10:45

GPSANT  KI  Antenna ht 5.243              Measuremt True

GPSREF  KI  Reference BAS3

INIT   KI  Init event    Gained          Week        1071
       Init type     On the fly        seconds     231063.0
       Init counter  2                 Point ID    <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>            Plate azimuth <null>

INIT   KI  Init event    Lost            Week        1071
       Init type     On the fly        seconds     231132.0
       Init counter  2                 Point ID    <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>            Plate azimuth <null>
```

```
NOTE   TS  Time Date 07/18/2000 Time 16:40:29

INIT   KI  Init event   Gained          Week        1071
           Init type    On the fly      seconds     232841.0
           Init counter 3               Point ID    <no text>
           Survey type  Real Time       Plate H. Dist <null>
           Plate V. Dist <null>         Plate azimuth <null>

EQUIP  NM  Receiver 4800                Serial no 20152374
           Antenna  4800 Internal
           Method   Measured to bottom of antenna mount
           Tape adj 0.000               Serial no <no text>
           Radius   0.000               V.Const   0.511

GPSANT KI  Antenna ht 5.906             Measuremt Uncorrected

GPSVEC TP  Point ID 209      DX  9703.378      DY  3532.789
           Class Normal      DZ  10532.185     Code 25+00S SC
           Mthd Phase Diff.  H.pr 0.016        V.pr 0.030

GPSQC1 NM  Min SVs      6            PDOP max  1.1
           Total GPS pos 5            HDOP max  0.5
           Monitor status Yes         VDOP max  1.0
           Horizontal SD 0.000        Vert SD   0.000
           Start wk 1071 sec 232856.0     End wk 1071   sec 232860.0

INIT   KI  Init event   Lost            Week        1071
           Init type    On the fly      seconds     232866.0
           Init counter 3               Point ID    <no text>
           Survey type  Real Time       Plate H. Dist <null>
           Plate V. Dist <null>         Plate azimuth <null>

INIT   KI  Init event   Gained          Week        1071
           Init type    On the fly      seconds     232916.0
           Init counter 4               Point ID    <no text>
           Survey type  Real Time       Plate H. Dist <null>
           Plate V. Dist <null>         Plate azimuth <null>

GPSVEC TP  Point ID 210      DX  9703.367      DY  3532.769
           Class Normal      DZ  10532.193     Code 25+00S SC
           Mthd Phase Diff.  H.pr 0.019        V.pr 0.036
```

```
GPSQC1  NM  Min SVs      6              PDOP max  1.2
        Total GPS pos  4              HDOP max  0.6
        Monitor status Yes            VDOP max  1.1
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1071 sec 232945.0       End wk 1071   sec 232948.0

GPSVEC  TP  Point ID 3040       DX   9702.420        DY   3533.906
        Class Normal        DZ   10533.251        Code TOP LEVEE
        Mthd Phase Diff.    H.pr 0.021           V.pr 0.040

GPSQC1  NM  Min SVs      6              PDOP max  1.1
        Total GPS pos  5              HDOP max  0.5
        Monitor status Yes            VDOP max  1.0
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1071 sec 232972.0       End wk 1071   sec 232976.0

INIT    KI  Init event    Lost            Week        1071
        Init type     On the fly        seconds      232987.0
        Init counter  4                 Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

INIT    KI  Init event    Gained          Week        1071
        Init type     On the fly        seconds      233275.0
        Init counter  5                 Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

GPSVEC  TP  Point ID 211        DX   10231.967        DY   3525.445
        Class Normal        DZ   10836.647        Code 31+00S SC
        Mthd Phase Diff.    H.pr 0.019           V.pr 0.033

GPSQC1  NM  Min SVs      6              PDOP max  1.1
        Total GPS pos  4              HDOP max  0.6
        Monitor status Yes            VDOP max  1.0
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1071 sec 233307.0       End wk 1071   sec 233310.0

INIT    KI  Init event    Lost            Week        1071
        Init type     On the fly        seconds      233314.0
        Init counter  5                 Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>
```

```
INIT   KI  Init event   Gained          Week        1071
       Init type    On the fly       seconds      233394.0
       Init counter  6               Point ID     <no text>
       Survey type   Real Time        Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>

GPSVEC  TP  Point ID 212       DX   10231.953       DY   3525.449
       Class Normal        DZ   10836.638       Code 31+00S SC
       Mthd Phase Diff.    H.pr 0.019          V.pr 0.032

GPSQC1  NM  Min SVs      6              PDOP max  1.0
       Total GPS pos  5              HDOP max  0.5
       Monitor status Yes            VDOP max  0.9
       Horizontal SD  0.000           Vert SD   0.000
       Start wk 1071 sec 233406.0       End wk 1071   sec 233410.0

GPSVEC  TP  Point ID 3041      DX   10231.455       DY   3526.967
       Class Normal        DZ   10838.165       Code TOP LEVEE
       Mthd Phase Diff.    H.pr 0.020          V.pr 0.034

GPSQC1  NM  Min SVs      6              PDOP max  1.0
       Total GPS pos  5              HDOP max  0.5
       Monitor status Yes            VDOP max  0.9
       Horizontal SD  0.000           Vert SD   0.000
       Start wk 1071 sec 233439.0       End wk 1071   sec 233443.0

INIT   KI  Init event   Lost            Week        1071
       Init type    On the fly       seconds      233450.0
       Init counter  6               Point ID     <no text>
       Survey type   Real Time        Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>

INIT   KI  Init event   Gained          Week        1071
       Init type    On the fly       seconds      233661.0
       Init counter  7               Point ID     <no text>
       Survey type   Real Time        Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>

GPSVEC  TP  Point ID 213       DX   9544.206        DY   3743.335
       Class Normal        DZ   10736.519       Code 25+00N SC
       Mthd Phase Diff.    H.pr 0.021          V.pr 0.033
```

```
GPSQC1  NM  Min SVs      6              PDOP max  1.0
        Total GPS pos  5              HDOP max  0.5
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1071 sec 233717.0       End wk 1071   sec 233721.0

INIT    KI  Init event    Lost            Week        1071
        Init type     On the fly        seconds      233725.0
        Init counter  7                 Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

INIT    KI  Init event    Gained          Week        1071
        Init type     On the fly        seconds      233795.0
        Init counter  8                 Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

GPSVEC  TP  Point ID 214        DX   9544.260        DY   3743.306
        Class Normal        DZ   10736.506        Code 25+00N SC
        Mthd Phase Diff.    H.pr 0.023           V.pr 0.035

GPSQC1  NM  Min SVs      6              PDOP max  1.0
        Total GPS pos  4              HDOP max  0.6
        Monitor status Yes            VDOP max  0.9
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1071 sec 233806.0       End wk 1071   sec 233809.0

GPSVEC  TP  Point ID 3042       DX   9545.193        DY   3742.189
        Class Normal        DZ   10735.372        Code TOP LEVEE
        Mthd Phase Diff.    H.pr 0.028           V.pr 0.043

GPSQC1  NM  Min SVs      6              PDOP max  0.9
        Total GPS pos  5              HDOP max  0.5
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1071 sec 233835.0       End wk 1071   sec 233839.0

INIT    KI  Init event    Lost            Week        1071
        Init type     On the fly        seconds      233845.0
        Init counter  8                 Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>
```

```
INIT   KI  Init event   Gained          Week        1071
       Init type    On the fly        seconds      234004.0
       Init counter  9               Point ID     <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>

GPSVEC  TP  Point ID 215       DX   10081.001       DY   3787.547
       Class Normal        DZ   11111.681       Code 31+50N SC
       Mthd Phase Diff.    H.pr 0.022          V.pr 0.032

GPSQC1  NM  Min SVs       6              PDOP max  0.9
       Total GPS pos  4              HDOP max  0.5
       Monitor status Yes            VDOP max  0.8
       Horizontal SD  0.000           Vert SD   0.000
       Start wk 1071 sec 234035.0       End wk 1071   sec 234038.0

INIT   KI  Init event   Lost            Week        1071
       Init type    On the fly        seconds      234042.0
       Init counter  9               Point ID     <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>

INIT   KI  Init event   Gained          Week        1071
       Init type    On the fly        seconds      234079.0
       Init counter  10              Point ID     <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>

GPSVEC  TP  Point ID 216       DX   10081.023       DY   3787.556
       Class Normal        DZ   11111.712       Code 31+50N SC
       Mthd Phase Diff.    H.pr 0.024          V.pr 0.034

GPSQC1  NM  Min SVs       6              PDOP max  0.9
       Total GPS pos  5              HDOP max  0.5
       Monitor status Yes            VDOP max  0.7
       Horizontal SD  0.000           Vert SD   0.000
       Start wk 1071 sec 234083.0       End wk 1071   sec 234087.0

GPSVEC  TP  Point ID 3043      DX   10082.023       DY   3786.223
       Class Normal        DZ   11110.225       Code TOP LEVEE
       Mthd Phase Diff.    H.pr 0.024          V.pr 0.033
```

```
GPSQC1  NM  Min SVs      6              PDOP max  0.8
        Total GPS pos  5              HDOP max  0.5
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1071 sec 234110.0       End wk 1071   sec 234115.0

INIT   KI  Init event   Lost            Week        1071
        Init type     On the fly       seconds      234121.0
        Init counter  10               Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

NOTE   TS  Time Date 07/18/2000 Time 17:36:12

INIT   KI  Init event   Gained          Week        1071
        Init type     On the fly       seconds      236184.0
        Init counter  11               Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

INIT   KI  Init event   Lost            Week        1071
        Init type     On the fly       seconds      236227.0
        Init counter  11               Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

INIT   KI  Init event   Gained          Week        1071
        Init type     On the fly       seconds      236273.0
        Init counter  12               Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

INIT   KI  Init event   Lost            Week        1071
        Init type     On the fly       seconds      236324.0
        Init counter  12               Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

INIT   KI  Init event   Gained          Week        1071
        Init type     On the fly       seconds      236575.0
        Init counter  13               Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>
```

GPSVEC TP Point ID 217 DX -13690.726 DY -11555.550
Class Normal DZ -24122.526 Code RM 3
Mthd Phase Diff. H.pr 0.023 V.pr 0.031

GPSQC1 NM Min SVs 5 PDOP max 1.2
Total GPS pos 6 HDOP max 0.7
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1071 sec 236580.0 End wk 1071 sec 236585.0

INIT KI Init event Lost Week 1071
Init type On the fly seconds 236589.0
Init counter 13 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1071
Init type On the fly seconds 236643.0
Init counter 14 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 218 DX -13690.720 DY -11555.565
Class Normal DZ -24122.534 Code RM 3
Mthd Phase Diff. H.pr 0.029 V.pr 0.040

GPSQC1 NM Min SVs 5 PDOP max 1.0
Total GPS pos 6 HDOP max 0.6
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1071 sec 236648.0 End wk 1071 sec 236653.0

INIT KI Init event Lost Week 1071
Init type On the fly seconds 236677.0
Init counter 14 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

NOTE TS Time Date 07/18/2000 Time 18:06:26

INIT KI Init event Gained Week 1071
Init type On the fly seconds 237998.0
Init counter 15 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 219 DX 7986.826 DY 3236.563
Class Normal DZ 9135.429 Code 451+54E NR/SC
Mthd Phase Diff. H.pr 0.022 V.pr 0.033

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1071 sec 238029.0 End wk 1071 sec 238033.0

INIT KI Init event Lost Week 1071
Init type On the fly seconds 238037.0
Init counter 15 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1071
Init type On the fly seconds 238069.0
Init counter 16 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 220 DX 7986.844 DY 3236.565
Class Normal DZ 9135.426 Code 451+54E NR/SC
Mthd Phase Diff. H.pr 0.023 V.pr 0.034

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 6 HDOP max 0.6
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1071 sec 238077.0 End wk 1071 sec 238082.0

GPSVEC TP Point ID 3044 DX 7986.155 DY 3237.801
Class Normal DZ 9136.477 Code TOP LEVEE
Mthd Phase Diff. H.pr 0.023 V.pr 0.035

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 6 HDOP max 0.6
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1071 sec 238117.0 End wk 1071 sec 238122.0

GPSVEC TP Point ID 3045 DX 8109.593 DY 3235.931
Class Normal DZ 9202.851 Code TOP LEVEE
Mthd Phase Diff. H.pr 0.036 V.pr 0.055

GPSQC1 NM Min SVs 6 PDOP max 0.9
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1071 sec 238167.0 End wk 1071 sec 238173.0

GPSVEC TP Point ID 221 DX 8110.200 DY 3234.629
Class Normal DZ 9201.679 Code 452+60E NR/SC
Mthd Phase Diff. H.pr 0.026 V.pr 0.039

GPSQC1 NM Min SVs 6 PDOP max 0.8
Total GPS pos 9 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1071 sec 238195.0 End wk 1071 sec 238203.0

INIT KI Init event Lost Week 1071
Init type On the fly seconds 238208.0
Init counter 16 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1071
Init type On the fly seconds 238296.0
Init counter 17 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 222 DX 8110.193 DY 3234.660
Class Normal DZ 9201.697 Code 452+60E NR/SC
Mthd Phase Diff. H.pr 0.027 V.pr 0.041

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1071 sec 238300.0 End wk 1071 sec 238305.0

GPSVEC TP Point ID 223 DX 8718.064 DY 3319.886
Class Normal DZ 9669.016 Code 461+31E NR/SC
Mthd Phase Diff. H.pr 0.019 V.pr 0.028

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1071 sec 238616.0 End wk 1071 sec 238621.0

INIT KI Init event Lost Week 1071
Init type On the fly seconds 238629.0
Init counter 17 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1071
Init type On the fly seconds 238669.0
Init counter 18 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 224 DX 8718.066 DY 3319.893
Class Normal DZ 9669.029 Code 461+31E NR/SC
Mthd Phase Diff. H.pr 0.022 V.pr 0.034

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1071 sec 238675.0 End wk 1071 sec 238678.0

GPSVEC TP Point ID 3046 DX 8717.046 DY 3321.611
Class Normal DZ 9670.523 Code TOP LEVEE
Mthd Phase Diff. H.pr 0.027 V.pr 0.041

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1071 sec 238706.0 End wk 1071 sec 238710.0

INIT KI Init event Lost Week 1071
Init type On the fly seconds 238718.0
Init counter 18 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

```
EQUIP  NM  Receiver  4800              Serial no 20152374
       Antenna  4800 Internal
       Method   Measured to bottom of antenna mount
       Tape adj  0.000              Serial no <no text>
       Radius   0.000              V.Const  0.511

SURVEY EVENTKISurvey event Rover survey started

NOTE   TS  Time Date 07/18/2000 Time 19:03:49

NOTE   TS  Time Date 07/18/2000 Time 19:03:49

GPSANT  KI  Antenna ht 5.243              Measuremt True

GPSREF  KI  Reference BAS3

INIT   KI  Init event   Gained          Week       1071
       Init type    On the fly       seconds     241652.0
       Init counter  1              Point ID     <no text>
       Survey type   Real Time        Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>

EQUIP  NM  Receiver  4800              Serial no 20152374
       Antenna  4800 Internal
       Method   Measured to bottom of antenna mount
       Tape adj  0.000              Serial no <no text>
       Radius   0.000              V.Const  0.511

GPSANT  KI  Antenna ht 5.906              Measuremt Uncorrected

GPSVEC  TP  Point ID 225       DX  7857.514       DY  3431.265
       Class Normal       DZ  9332.077       Code 451+54W NR/SC
       Mthd Phase Diff.    H.pr 0.024         V.pr 0.045

GPSQC1  NM  Min SVs      9              PDOP max  0.6
       Total GPS pos  7              HDOP max  0.3
       Monitor status Yes            VDOP max  0.6
       Horizontal SD  0.000          Vert SD   0.000
       Start wk 1071 sec 241686.0       End wk 1071   sec 241692.0

INIT   KI  Init event   Lost          Week       1071
       Init type    On the fly       seconds     241697.0
       Init counter  1              Point ID     <no text>
       Survey type   Real Time        Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>
```

```
INIT   KI  Init event   Gained          Week        1071
           Init type    On the fly      seconds     241721.0
           Init counter 2               Point ID    <no text>
           Survey type  Real Time        Plate H. Dist <null>
           Plate V. Dist <null>         Plate azimuth <null>

GPSVEC  TP  Point ID 226       DX  7857.494       DY  3431.273
           Class Normal       DZ  9332.058       Code 451+54W NR/SC
           Mthd Phase Diff.   H.pr 0.022          V.pr 0.040

GPSQC1  NM  Min SVs      9            PDOP max  0.8
           Total GPS pos  4            HDOP max  0.4
           Monitor status Yes          VDOP max  0.7
           Horizontal SD  0.000        Vert SD   0.000
           Start wk 1071 sec 241729.0      End wk 1071   sec 241732.0

GPSVEC  TP  Point ID 3047      DX  7858.316       DY  3430.215
           Class Normal       DZ  9330.790       Code TOP LEVEE
           Mthd Phase Diff.   H.pr 0.020          V.pr 0.037

GPSQC1  NM  Min SVs      9            PDOP max  0.8
           Total GPS pos  4            HDOP max  0.4
           Monitor status Yes          VDOP max  0.7
           Horizontal SD  0.000        Vert SD   0.000
           Start wk 1071 sec 241758.0      End wk 1071   sec 241761.0

GPSVEC  TP  Point ID 3048      DX  7979.363       DY  3433.934
           Class Normal       DZ  9403.173       Code TOP LEVEE
           Mthd Phase Diff.   H.pr 0.019          V.pr 0.036

GPSQC1  NM  Min SVs      9            PDOP max  0.8
           Total GPS pos  4            HDOP max  0.4
           Monitor status Yes          VDOP max  0.7
           Horizontal SD  0.000        Vert SD   0.000
           Start wk 1071 sec 241804.0      End wk 1071   sec 241807.0

GPSVEC  TP  Point ID 227       DX  7978.562       DY  3435.051
           Class Normal       DZ  9404.580       Code 452+60W NR/SC
           Mthd Phase Diff.   H.pr 0.024          V.pr 0.044

GPSQC1  NM  Min SVs      9            PDOP max  0.6
           Total GPS pos  7            HDOP max  0.3
           Monitor status Yes          VDOP max  0.6
           Horizontal SD  0.000        Vert SD   0.000
           Start wk 1071 sec 241829.0      End wk 1071   sec 241835.0
```

```
INIT   KI  Init event   Lost          Week       1071
       Init type    On the fly      seconds     241841.0
       Init counter  2             Point ID    <no text>
       Survey type   Real Time       Plate H. Dist <null>
       Plate V. Dist <null>         Plate azimuth <null>

INIT   KI  Init event   Gained        Week       1071
       Init type    On the fly      seconds     241865.0
       Init counter  3             Point ID    <no text>
       Survey type   Real Time       Plate H. Dist <null>
       Plate V. Dist <null>         Plate azimuth <null>

GPSVEC TP  Point ID 228      DX  7978.544       DY  3435.036
       Class Normal       DZ  9404.579       Code 452+60W NR/SC
       Mthd Phase Diff.   H.pr 0.018          V.pr 0.034

GPSQC1 NM  Min SVs      9            PDOP max  0.7
       Total GPS pos  5            HDOP max  0.3
       Monitor status Yes          VDOP max  0.6
       Horizontal SD  0.000         Vert SD   0.000
       Start wk 1071 sec 241869.0      End wk 1071   sec 241873.0

INIT   KI  Init event   Lost          Week       1071
       Init type    On the fly      seconds     241887.0
       Init counter  3             Point ID    <no text>
       Survey type   Real Time       Plate H. Dist <null>
       Plate V. Dist <null>         Plate azimuth <null>

INIT   KI  Init event   Gained        Week       1071
       Init type    On the fly      seconds     242076.0
       Init counter  4             Point ID    <no text>
       Survey type   Real Time       Plate H. Dist <null>
       Plate V. Dist <null>         Plate azimuth <null>

GPSVEC TP  Point ID 229      DX  8264.458       DY  3735.851
       Class Normal       DZ  9990.863       Code 460+00W NR/SC
       Mthd Phase Diff.   H.pr 0.021          V.pr 0.040

GPSQC1 NM  Min SVs      9            PDOP max  0.8
       Total GPS pos  4            HDOP max  0.4
       Monitor status Yes          VDOP max  0.7
       Horizontal SD  0.000         Vert SD   0.000
       Start wk 1071 sec 242084.0      End wk 1071   sec 242087.0
```

```
INIT   KI  Init event   Lost          Week        1071
        Init type    On the fly      seconds     242092.0
        Init counter  4             Point ID     <no text>
        Survey type   Real Time        Plate H. Dist <null>
        Plate V. Dist <null>          Plate azimuth <null>

INIT   KI  Init event   Gained         Week        1071
        Init type    On the fly      seconds     242115.0
        Init counter  5             Point ID     <no text>
        Survey type   Real Time        Plate H. Dist <null>
        Plate V. Dist <null>          Plate azimuth <null>

GPSVEC  TP  Point ID 230       DX  8264.414        DY  3735.841
        Class Normal        DZ  9990.850        Code 460+00W NR/SC
        Mthd Phase Diff.    H.pr 0.020          V.pr 0.038

GPSQC1  NM  Min SVs      9             PDOP max  0.7
        Total GPS pos  6            HDOP max  0.3
        Monitor status Yes          VDOP max  0.6
        Horizontal SD  0.000          Vert SD   0.000
        Start wk 1071 sec 242120.0      End wk 1071   sec 242125.0

GPSVEC  TP  Point ID 3049      DX  8266.091        DY  3735.150
        Class Normal        DZ  9990.714        Code TOP LEVEE
        Mthd Phase Diff.    H.pr 0.021          V.pr 0.039

GPSQC1  NM  Min SVs      9             PDOP max  0.8
        Total GPS pos  4            HDOP max  0.4
        Monitor status Yes          VDOP max  0.7
        Horizontal SD  0.000          Vert SD   0.000
        Start wk 1071 sec 242153.0      End wk 1071   sec 242156.0

INIT   KI  Init event   Lost          Week        1071
        Init type    On the fly      seconds     242246.0
        Init counter  5             Point ID     <no text>
        Survey type   Real Time        Plate H. Dist <null>
        Plate V. Dist <null>          Plate azimuth <null>

INIT   KI  Init event   Gained         Week        1071
        Init type    On the fly      seconds     242409.0
        Init counter  6             Point ID     <no text>
        Survey type   Real Time        Plate H. Dist <null>
        Plate V. Dist <null>          Plate azimuth <null>
```

GPSVEC TP Point ID 231 DX 8489.135 DY 4245.471
Class Normal DZ 10830.728 Code 470+00W NR/SC
Mthd Phase Diff. H.pr 0.020 V.pr 0.039

GPSQC1 NM Min SVs 9 PDOP max 0.7
Total GPS pos 6 HDOP max 0.3
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1071 sec 242415.0 End wk 1071 sec 242420.0

INIT KI Init event Lost Week 1071
Init type On the fly seconds 242432.0
Init counter 6 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1071
Init type On the fly seconds 242461.0
Init counter 7 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 232 DX 8489.168 DY 4245.474
Class Normal DZ 10830.739 Code 470+00W NR/SC
Mthd Phase Diff. H.pr 0.022 V.pr 0.041

GPSQC1 NM Min SVs 9 PDOP max 0.7
Total GPS pos 6 HDOP max 0.3
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1071 sec 242467.0 End wk 1071 sec 242472.0

GPSVEC TP Point ID 3050 DX 8491.167 DY 4244.933
Class Normal DZ 10830.612 Code TOP LEVEE
Mthd Phase Diff. H.pr 0.023 V.pr 0.043

GPSQC1 NM Min SVs 9 PDOP max 0.7
Total GPS pos 5 HDOP max 0.3
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1071 sec 242505.0 End wk 1071 sec 242509.0

```
INIT   KI  Init event   Lost          Week        1071
           Init type    On the fly    seconds     242534.0
           Init counter 7             Point ID    <no text>
           Survey type  Real Time      Plate H. Dist <null>
           Plate V. Dist <null>       Plate azimuth <null>

INIT   KI  Init event   Gained        Week        1071
           Init type    On the fly    seconds     242983.0
           Init counter 8             Point ID    <no text>
           Survey type  Real Time      Plate H. Dist <null>
           Plate V. Dist <null>       Plate azimuth <null>

INIT   KI  Init event   Lost          Week        1071
           Init type    On the fly    seconds     243045.0
           Init counter 8             Point ID    <no text>
           Survey type  Real Time      Plate H. Dist <null>
           Plate V. Dist <null>       Plate azimuth <null>

SURVEY  KI  Elev mask 10              PDOP mask 6.0

EQUIP   BA  Receiver  4800            Serial no 20141803
           Antenna   4800 Internal
           Method    Reading from hook using 4800 tape
           Tape adj  0.000             Serial no <no text>
           Radius    0.358             V.Const   0.104

SURVEY EVENTKISurvey event Base survey started

NOTE   TS  Time Date 07/28/2000 Time 14:54:19

EQUIP   BA  Receiver  4800            Serial no 20141803
           Antenna   4800 Internal
           Method    Reading from hook using 4800 tape
           Tape adj  0.000             Serial no <no text>
           Radius    0.358             V.Const   0.104

GPSANT  KI  Antenna ht 4.990          Measuremt Uncorrected

EQUIP   BA  Receiver  4800            Serial no 20141803
           Antenna   4800 Internal
           Method    Reading from hook using 4800 tape
           Tape adj  0.000             Serial no <no text>
           Radius    0.358             V.Const   0.104

GPSANT  KI  Antenna ht 4.990          Measuremt Uncorrected
```

```
EQUIP  BA  Receiver  4800              Serial no 20141803
       Antenna  4800 Internal
       Method   Reading from hook using 4800 tape
       Tape adj  0.000              Serial no <no text>
       Radius   0.358              V.Const  0.104

GPSANT  KI  Antenna ht 4.990              Measuremt Uncorrected

GPSREF  KI  Reference BAS3

EQUIP  NM  Receiver  4800              Serial no 20152374
       Antenna  4800 Internal
       Method   Measured to bottom of antenna mount
       Tape adj  0.000              Serial no <no text>
       Radius   0.000              V.Const  0.511

SURVEY EVENTKISurvey event Rover survey started

NOTE   TS  Time Date 07/28/2000 Time 14:54:49

SURVEY  KI  Elev mask 10              PDOP mask 6.0

EQUIP  NM  Receiver  4800              Serial no 20152374
       Antenna  4800 Internal
       Method   Measured to bottom of antenna mount
       Tape adj  0.000              Serial no <no text>
       Radius   0.000              V.Const  0.511

SURVEY EVENTKISurvey event Rover survey started

NOTE   TS  Time Date 07/28/2000 Time 14:55:12

GPSANT  KI  Antenna ht 5.082              Measuremt True

GPSREF  KI  Reference BAS3

INIT   KI  Init event   Gained          Week        1072
       Init type    On the fly        seconds     486678.0
       Init counter  1               Point ID     <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>
```

```
EQUIP  NM  Receiver  4800              Serial no 20152374
       Antenna   4800 Internal
       Method    Measured to bottom of antenna mount
       Tape adj  0.000              Serial no <no text>
       Radius    0.000              V.Const   0.511

GPSANT  KI  Antenna ht 5.906              Measuremt Uncorrected

GPSVEC  TP  Point ID 233       DX  -5877.100       DY  -5115.453
       Class Normal       DZ  -10603.733       Code SG 165+00E
       Mthd Phase Diff.    H.pr 0.030          V.pr 0.062

GPSQC1  NM  Min SVs       6              PDOP max  0.7
       Total GPS pos  26              HDOP max  0.3
       Monitor status Yes             VDOP max  0.7
       Horizontal SD  0.000           Vert SD   0.000
       Start wk 1072 sec 486873.0       End wk 1072   sec 486900.0

INIT    KI  Init event    Lost            Week        1072
       Init type     On the fly        seconds      486907.0
       Init counter  1                 Point ID     <no text>
       Survey type   Real Time          Plate H. Dist <null>
       Plate V. Dist <null>            Plate azimuth <null>

INIT    KI  Init event    Gained          Week        1072
       Init type     On the fly        seconds      486992.0
       Init counter  2                 Point ID     <no text>
       Survey type   Real Time          Plate H. Dist <null>
       Plate V. Dist <null>            Plate azimuth <null>

GPSVEC  TP  Point ID 234       DX  -5877.094       DY  -5115.484
       Class Normal       DZ  -10603.736       Code SG 165+00E
       Mthd Phase Diff.    H.pr 0.023          V.pr 0.048

GPSQC1  NM  Min SVs       6              PDOP max  1.1
       Total GPS pos  11              HDOP max  0.5
       Monitor status Yes             VDOP max  1.0
       Horizontal SD  0.000           Vert SD   0.000
       Start wk 1072 sec 487002.0       End wk 1072   sec 487012.0

NOTE    KI  LINE. Name: 1, Code: , Method: Two points, Start pt: 233,

NOTE    KI  End pt: 121, Azimuth: 109.020°, Length: 18.058ft,

NOTE    KI  Grade: 39.108°
```

GPSVEC TP Point ID 3051 DX -5879.792 DY -5109.737
Class Normal DZ -10604.379 Code TOE LEVEE
Mthd Phase Diff. H.pr 0.025 V.pr 0.052

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 7 HDOP max 0.6
Monitor status Yes VDOP max 1.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 487126.0 End wk 1072 sec 487132.0

GPSVEC TP Point ID 3052 DX -5885.345 DY -5105.404
Class Normal DZ -10603.126 Code GRD
Mthd Phase Diff. H.pr 0.031 V.pr 0.065

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 7 HDOP max 0.6
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 487161.0 End wk 1072 sec 487168.0

GPSVEC TP Point ID 3053 DX -5899.544 DY -5096.796
Class Normal DZ -10598.403 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.051

GPSQC1 NM Min SVs 7 PDOP max 1.2
Total GPS pos 7 HDOP max 0.5
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 487191.0 End wk 1072 sec 487199.0

GPSVEC TP Point ID 3054 DX -5911.612 DY -5088.964
Class Normal DZ -10594.590 Code GRD
Mthd Phase Diff. H.pr 0.036 V.pr 0.065

GPSQC1 NM Min SVs 9 PDOP max 0.9
Total GPS pos 7 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 487222.0 End wk 1072 sec 487229.0

GPSVEC TP Point ID 3055 DX -5927.892 DY -5086.437
Class Normal DZ -10584.887 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.048

```
GPSQC1  NM  Min SVs      8              PDOP max  0.8
        Total GPS pos  8              HDOP max  0.4
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 487267.0      End wk 1072   sec 487275.0

GPSVEC  TP  Point ID 3056      DX  -5932.875       DY  -5080.201
        Class Normal        DZ  -10584.587      Code GRD
        Mthd Phase Diff.    H.pr 0.029          V.pr 0.052

GPSQC1  NM  Min SVs      9              PDOP max  1.0
        Total GPS pos  5              HDOP max  0.5
        Monitor status Yes            VDOP max  0.9
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 487290.0      End wk 1072   sec 487294.0

GPSVEC  TP  Point ID 3057      DX  -5945.940       DY  -5072.300
        Class Normal        DZ  -10580.483      Code GRD
        Mthd Phase Diff.    H.pr 0.025          V.pr 0.045

GPSQC1  NM  Min SVs      9              PDOP max  1.2
        Total GPS pos  3              HDOP max  0.6
        Monitor status Yes            VDOP max  1.1
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 487313.0      End wk 1072   sec 487315.0

GPSVEC  TP  Point ID 3058      DX  -5957.407       DY  -5065.581
        Class Normal        DZ  -10576.275      Code GRD
        Mthd Phase Diff.    H.pr 0.028          V.pr 0.052

GPSQC1  NM  Min SVs      7              PDOP max  1.1
        Total GPS pos  5              HDOP max  0.5
        Monitor status Yes            VDOP max  0.9
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 487347.0      End wk 1072   sec 487351.0

GPSVEC  TP  Point ID 3059      DX  -5971.981       DY  -5057.054
        Class Normal        DZ  -10571.228      Code GRD
        Mthd Phase Diff.    H.pr 0.024          V.pr 0.055

GPSQC1  NM  Min SVs      7              PDOP max  1.7
        Total GPS pos  4              HDOP max  0.7
        Monitor status Yes            VDOP max  1.6
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 487374.0      End wk 1072   sec 487377.0
```

NOTE TS Time Date 07/28/2000 Time 15:23:35

GPSVEC TP Point ID 3060 DX -5985.792 DY -5051.260
Class Normal DZ -10564.386 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.055

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 13 HDOP max 0.4
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 487413.0 End wk 1072 sec 487426.0

GPSVEC TP Point ID 3061 DX -5988.895 DY -5049.162
Class Normal DZ -10563.485 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.054

GPSQC1 NM Min SVs 7 PDOP max 1.6
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.5
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 487446.0 End wk 1072 sec 487450.0

GPSVEC TP Point ID 3062 DX -5992.913 DY -5045.465
Class Normal DZ -10563.108 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.063

GPSQC1 NM Min SVs 7 PDOP max 1.7
Total GPS pos 4 HDOP max 0.7
Monitor status Yes VDOP max 1.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 487463.0 End wk 1072 sec 487466.0

GPSVEC TP Point ID 3063 DX -5997.590 DY -5038.967
Class Normal DZ -10563.260 Code GRD
Mthd Phase Diff. H.pr 0.019 V.pr 0.045

GPSQC1 NM Min SVs 7 PDOP max 1.3
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 487482.0 End wk 1072 sec 487488.0

GPSVEC TP Point ID 3064 DX -6004.646 DY -5033.908
Class Normal DZ -10561.221 Code GRD
Mthd Phase Diff. H.pr 0.018 V.pr 0.042

```
GPSQC1  NM  Min SVs      7              PDOP max  1.2
        Total GPS pos  9              HDOP max  0.5
        Monitor status Yes            VDOP max  1.1
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 487503.0       End wk 1072   sec 487511.0

GPSVEC  TP  Point ID 3065      DX  -6011.448       DY  -5024.273
        Class Normal       DZ  -10560.886       Code GRD
        Mthd Phase Diff.    H.pr 0.023          V.pr 0.053

GPSQC1  NM  Min SVs      7              PDOP max  1.6
        Total GPS pos  5              HDOP max  0.6
        Monitor status Yes            VDOP max  1.5
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 487529.0       End wk 1072   sec 487533.0

GPSVEC  TP  Point ID 3066      DX  -6021.229       DY  -5018.230
        Class Normal       DZ  -10557.908       Code GRD
        Mthd Phase Diff.    H.pr 0.022          V.pr 0.051

GPSQC1  NM  Min SVs      7              PDOP max  1.6
        Total GPS pos  5              HDOP max  0.6
        Monitor status Yes            VDOP max  1.5
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 487548.0       End wk 1072   sec 487552.0

GPSVEC  TP  Point ID 3067      DX  -6037.340       DY  -5007.412
        Class Normal       DZ  -10552.534       Code GRD
        Mthd Phase Diff.    H.pr 0.026          V.pr 0.059

GPSQC1  NM  Min SVs      7              PDOP max  1.3
        Total GPS pos  8              HDOP max  0.5
        Monitor status Yes            VDOP max  1.2
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 487570.0       End wk 1072   sec 487577.0

GPSVEC  TP  Point ID 3068      DX  -6053.349       DY  -4997.058
        Class Normal       DZ  -10547.237       Code GRD
        Mthd Phase Diff.    H.pr 0.027          V.pr 0.062

GPSQC1  NM  Min SVs      7              PDOP max  1.6
        Total GPS pos  4              HDOP max  0.6
        Monitor status Yes            VDOP max  1.5
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 487588.0       End wk 1072   sec 487592.0
```

GPSVEC TP Point ID 3069 DX -6070.952 DY -4985.950
Class Normal DZ -10541.166 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.059

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 17 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 487614.0 End wk 1072 sec 487630.0

GPSVEC TP Point ID 3070 DX -6086.523 DY -4975.484
Class Normal DZ -10535.881 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.050

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 13 HDOP max 0.4
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 487647.0 End wk 1072 sec 487660.0

GPSVEC TP Point ID 3071 DX -6102.340 DY -4965.023
Class Normal DZ -10530.670 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.063

PSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 14 HDOP max 0.4
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 487677.0 End wk 1072 sec 487690.0

GPSVEC TP Point ID 3072 DX -6119.413 DY -4953.674
Class Normal DZ -10524.879 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.054

GPSQC1 NM Min SVs 7 PDOP max 1.2
Total GPS pos 9 HDOP max 0.5
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 487716.0 End wk 1072 sec 487724.0

GPSVEC TP Point ID 235 DX -6361.985 DY -4844.869
Class Normal DZ -10502.910 Code SG 165+00W
Mthd Phase Diff. H.pr 0.022 V.pr 0.050

```
GPSQC1  NM  Min SVs      7              PDOP max  1.5
        Total GPS pos  5              HDOP max  0.6
        Monitor status Yes            VDOP max  1.4
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 487886.0       End wk 1072   sec 487890.0

INIT    KI  Init event    Lost            Week        1072
        Init type     On the fly        seconds      487896.0
        Init counter  2                 Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

INIT    KI  Init event    Gained          Week        1072
        Init type     On the fly        seconds      487923.0
        Init counter  3                 Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

GPSVEC  TP  Point ID 236        DX  -6362.004        DY  -4844.853
        Class Normal        DZ  -10502.914       Code SG 165+00W
        Mthd Phase Diff.    H.pr 0.023           V.pr 0.053

GPSQC1  NM  Min SVs      7              PDOP max  1.4
        Total GPS pos  6              HDOP max  0.6
        Monitor status Yes            VDOP max  1.3
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 487933.0       End wk 1072   sec 487938.0

NOTE    KI  LINE. Name: 2, Code: , Method: Two points, Start pt: 235,

NOTE    KI  End pt: 164, Azimuth: 271.078°, Length: 15.614ft,

NOTE    KI  Grade: 42.963°

GPSVEC  TP  Point ID 3073       DX  -6356.940        DY  -4843.357
        Class Normal        DZ  -10505.254       Code TOE LEVEE
        Mthd Phase Diff.    H.pr 0.027           V.pr 0.060

GPSQC1  NM  Min SVs      7              PDOP max  1.0
        Total GPS pos  11             HDOP max  0.4
        Monitor status Yes            VDOP max  0.9
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 488031.0       End wk 1072   sec 488043.0
```

GPSVEC TP Point ID 3074 DX -6347.992 DY -4845.958
Class Normal DZ -10505.759 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.051

GPSQC1 NM Min SVs 7 PDOP max 1.6
Total GPS pos 4 HDOP max 0.7
Monitor status Yes VDOP max 1.5
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 488066.0 End wk 1072 sec 488069.0

GPSVEC TP Point ID 3075 DX -6332.430 DY -4852.987
Class Normal DZ -10505.856 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.061

GPSQC1 NM Min SVs 7 PDOP max 1.4
Total GPS pos 6 HDOP max 0.6
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 488092.0 End wk 1072 sec 488097.0

GPSVEC TP Point ID 3076 DX -6318.346 DY -4859.358
Class Normal DZ -10506.114 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.060

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 488124.0 End wk 1072 sec 488131.0

GPSVEC TP Point ID 3077 DX -6309.188 DY -4862.579
Class Normal DZ -10506.415 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.055

GPSQC1 NM Min SVs 7 PDOP max 1.3
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 488150.0 End wk 1072 sec 488155.0

GPSVEC TP Point ID 3078 DX -6291.304 DY -4870.690
Class Normal DZ -10506.229 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.056

```
GPSQC1  NM  Min SVs      7              PDOP max  1.6
        Total GPS pos  4              HDOP max  0.6
        Monitor status Yes            VDOP max  1.4
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 488182.0       End wk 1072   sec 488185.0

GPSVEC  TP  Point ID 3079       DX  -6276.523       DY  -4876.330
        Class Normal        DZ  -10506.470       Code GRD
        Mthd Phase Diff.    H.pr 0.023          V.pr 0.051

GPSQC1  NM  Min SVs      7              PDOP max  1.1
        Total GPS pos  9              HDOP max  0.5
        Monitor status Yes            VDOP max  1.0
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 488206.0       End wk 1072   sec 488214.0

GPSVEC  TP  Point ID 3080       DX  -6257.754       DY  -4884.557
        Class Normal        DZ  -10506.813       Code GRD
        Mthd Phase Diff.    H.pr 0.028          V.pr 0.062

GPSQC1  NM  Min SVs      7              PDOP max  1.0
        Total GPS pos  9              HDOP max  0.4
        Monitor status Yes            VDOP max  0.9
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 488237.0       End wk 1072   sec 488248.0

GPSVEC  TP  Point ID 3081       DX  -6243.473       DY  -4890.599
        Class Normal        DZ  -10506.902       Code GRD
        Mthd Phase Diff.    H.pr 0.029          V.pr 0.063

GPSQC1  NM  Min SVs      7              PDOP max  1.1
        Total GPS pos  8              HDOP max  0.5
        Monitor status Yes            VDOP max  1.0
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 488265.0       End wk 1072   sec 488272.0

GPSVEC  TP  Point ID 3082       DX  -6240.939       DY  -4892.281
        Class Normal        DZ  -10506.854       Code GRD
        Mthd Phase Diff.    H.pr 0.030          V.pr 0.064

GPSQC1  NM  Min SVs      7              PDOP max  1.2
        Total GPS pos  7              HDOP max  0.5
        Monitor status Yes            VDOP max  1.1
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 488285.0       End wk 1072   sec 488291.0
```

GPSVEC TP Point ID 3083 DX -6225.371 DY -4898.477
Class Normal DZ -10506.987 Code GRD
Mthd Phase Diff. H.pr 0.029 V.pr 0.062

GPSQC1 NM Min SVs 7 PDOP max 1.3
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 488310.0 End wk 1072 sec 488315.0

GPSVEC TP Point ID 3084 DX -6215.960 DY -4902.068
Class Normal DZ -10507.166 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.058

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 9 HDOP max 0.4
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 488330.0 End wk 1072 sec 488338.0

GPSVEC TP Point ID 3085 DX -6201.679 DY -4907.837
Class Normal DZ -10507.710 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.045

PSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 9 HDOP max 0.4
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 488353.0 End wk 1072 sec 488361.0

GPSVEC TP Point ID 3086 DX -6199.133 DY -4909.376
Class Normal DZ -10507.444 Code GRD
Mthd Phase Diff. H.pr 0.030 V.pr 0.064

GPSQC1 NM Min SVs 7 PDOP max 1.4
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 488379.0 End wk 1072 sec 488383.0

GPSVEC TP Point ID 3087 DX -6182.816 DY -4915.987
Class Normal DZ -10507.796 Code GRD
Mthd Phase Diff. H.pr 0.029 V.pr 0.062

```
GPSQC1  NM  Min SVs      7              PDOP max  1.5
        Total GPS pos  4              HDOP max  0.6
        Monitor status Yes            VDOP max  1.3
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 488406.0       End wk 1072   sec 488409.0

GPSVEC  TP  Point ID 3088      DX  -6175.143       DY  -4919.099
        Class Normal       DZ  -10507.928       Code GRD
        Mthd Phase Diff.    H.pr 0.028          V.pr 0.059

GPSQC1  NM  Min SVs      7              PDOP max  0.9
        Total GPS pos  11             HDOP max  0.4
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 488433.0       End wk 1072   sec 488443.0

GPSVEC  TP  Point ID 3089      DX  -6171.146       DY  -4921.644
        Class Normal       DZ  -10508.071       Code GRD
        Mthd Phase Diff.    H.pr 0.028          V.pr 0.058

GPSQC1  NM  Min SVs      7              PDOP max  0.9
        Total GPS pos  9              HDOP max  0.4
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 488467.0       End wk 1072   sec 488479.0

GPSVEC  TP  Point ID 3090      DX  -6160.439       DY  -4925.208
        Class Normal       DZ  -10508.457       Code GRD
        Mthd Phase Diff.    H.pr 0.027          V.pr 0.057

GPSQC1  NM  Min SVs      7              PDOP max  1.0
        Total GPS pos  8              HDOP max  0.4
        Monitor status Yes            VDOP max  0.9
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 488495.0       End wk 1072   sec 488504.0

GPSVEC  TP  Point ID 3091      DX  -6149.959       DY  -4929.389
        Class Normal       DZ  -10508.499       Code GRD
        Mthd Phase Diff.    H.pr 0.029          V.pr 0.059

GPSQC1  NM  Min SVs      7              PDOP max  0.8
        Total GPS pos  14             HDOP max  0.4
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 488523.0       End wk 1072   sec 488536.0
```

GPSVEC TP Point ID 3092 DX -6144.827 DY -4931.853
Class Normal DZ -10508.299 Code GRD
Mthd Phase Diff. H.pr 0.030 V.pr 0.062

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 10 HDOP max 0.4
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 488548.0 End wk 1072 sec 488557.0

GPSVEC TP Point ID 3093 DX -6129.660 DY -4938.160
Class Normal DZ -10508.802 Code GRD
Mthd Phase Diff. H.pr 0.031 V.pr 0.063

GPSQC1 NM Min SVs 7 PDOP max 0.7
Total GPS pos 16 HDOP max 0.3
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 488583.0 End wk 1072 sec 488599.0

GPSVEC TP Point ID 3094 DX -6122.413 DY -4940.786
Class Normal DZ -10509.254 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.055

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 10 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 488618.0 End wk 1072 sec 488627.0

GPSVEC TP Point ID 3095 DX -6103.950 DY -4949.038
Class Normal DZ -10508.809 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.049

GPSQC1 NM Min SVs 7 PDOP max 1.2
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 488651.0 End wk 1072 sec 488655.0

GPSVEC TP Point ID 3096 DX -6083.101 DY -4957.503
Class Normal DZ -10509.449 Code GRD
Mthd Phase Diff. H.pr 0.028 V.pr 0.057

```
GPSQC1  NM  Min SVs      7              PDOP max  1.2
        Total GPS pos  5              HDOP max  0.6
        Monitor status Yes            VDOP max  1.1
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 488675.0       End wk 1072   sec 488679.0

INIT    KI  Init event    Lost            Week        1072
        Init type     On the fly        seconds      488757.0
        Init counter  3                 Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

NOTE    TS  Time Date 07/28/2000 Time 15:56:44

INIT    KI  Init event    Gained          Week        1072
        Init type     On the fly        seconds      489416.0
        Init counter  4                 Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

GPSVEC  TP  Point ID 237        DX  -5723.690        DY  -4576.190
        Class Normal        DZ  -9759.355        Code SG 175+00E
        Mthd Phase Diff.    H.pr 0.023           V.pr 0.046

GPSQC1  NM  Min SVs      6              PDOP max  0.9
        Total GPS pos  9              HDOP max  0.4
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 489471.0       End wk 1072   sec 489480.0

INIT    KI  Init event    Lost            Week        1072
        Init type     On the fly        seconds      489486.0
        Init counter  4                 Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

INIT    KI  Init event    Gained          Week        1072
        Init type     On the fly        seconds      489554.0
        Init counter  5                 Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

GPSVEC  TP  Point ID 238        DX  -5723.655        DY  -4576.217
        Class Normal        DZ  -9759.362        Code SG 175+00E
        Mthd Phase Diff.    H.pr 0.028           V.pr 0.054
```

GPSQC1 NM Min SVs 6 PDOP max 0.9
Total GPS pos 6 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 489573.0 End wk 1072 sec 489595.0

NOTE KI LINE. Name: 3, Code: , Method: Two points, Start pt: 237,

NOTE KI End pt: 122, Azimuth: 82.533°, Length: 16.270ft,

NOTE KI Grade: 39.757°

GPSVEC TP Point ID 3097 DX -5726.526 DY -4571.507
Class Normal DZ -9762.431 Code TOE LEVEE
Mthd Phase Diff. H.pr 0.029 V.pr 0.062

GPSQC1 NM Min SVs 5 PDOP max 1.1
Total GPS pos 14 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 489719.0 End wk 1072 sec 489734.0

GPSVEC TP Point ID 3098 DX -5736.543 DY -4567.440
Class Normal DZ -9763.952 Code GRD
Mthd Phase Diff. H.pr 0.028 V.pr 0.052

GPSQC1 NM Min SVs 6 PDOP max 0.9
Total GPS pos 8 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 489752.0 End wk 1072 sec 489759.0

GPSVEC TP Point ID 3099 DX -5748.179 DY -4564.197
Class Normal DZ -9764.962 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.043

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 490232.0 End wk 1072 sec 490235.0

GPSVEC TP Point ID 3100 DX -5765.133 DY -4567.985
Class Normal DZ -9760.581 Code GRD
Mthd Phase Diff. H.pr 0.030 V.pr 0.047

```
GPSQC1  NM  Min SVs      6              PDOP max  1.0
        Total GPS pos  5              HDOP max  0.5
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 490451.0       End wk 1072   sec 490455.0

GPSVEC  TP  Point ID 3101       DX  -5773.399       DY  -4561.643
        Class Normal        DZ  -9763.738       Code GRD
        Mthd Phase Diff.    H.pr 0.033          V.pr 0.051

GPSQC1  NM  Min SVs      6              PDOP max  1.0
        Total GPS pos  5              HDOP max  0.5
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 490483.0       End wk 1072   sec 490487.0

GPSVEC  TP  Point ID 3102       DX  -5776.972       DY  -4560.226
        Class Normal        DZ  -9764.592       Code GRD
        Mthd Phase Diff.    H.pr 0.034          V.pr 0.052

GPSQC1  NM  Min SVs      6              PDOP max  1.0
        Total GPS pos  4              HDOP max  0.6
        Monitor status Yes            VDOP max  0.9
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 490503.0       End wk 1072   sec 490506.0

GPSVEC  TP  Point ID 3103       DX  -5781.071       DY  -4557.425
        Class Normal        DZ  -9766.028       Code GRD
        Mthd Phase Diff.    H.pr 0.033          V.pr 0.051

GPSQC1  NM  Min SVs      6              PDOP max  1.0
        Total GPS pos  4              HDOP max  0.6
        Monitor status Yes            VDOP max  0.9
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 490517.0       End wk 1072   sec 490520.0

GPSVEC  TP  Point ID 3104       DX  -5788.377       DY  -4555.159
        Class Normal        DZ  -9766.892       Code GRD
        Mthd Phase Diff.    H.pr 0.024          V.pr 0.037

GPSQC1  NM  Min SVs      6              PDOP max  1.0
        Total GPS pos  5              HDOP max  0.5
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 490536.0       End wk 1072   sec 490540.0
```

GPSVEC TP Point ID 3105 DX -5803.737 DY -4550.161
Class Normal DZ -9768.667 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.032

GPSQC1 NM Min SVs 6 PDOP max 0.7
Total GPS pos 7 HDOP max 0.4
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 490591.0 End wk 1072 sec 490623.0

GPSVEC TP Point ID 3106 DX -5820.885 DY -4544.603
Class Normal DZ -9770.968 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.040

GPSQC1 NM Min SVs 6 PDOP max 0.9
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 490645.0 End wk 1072 sec 490649.0

GPSVEC TP Point ID 3107 DX -5829.068 DY -4543.137
Class Normal DZ -9770.825 Code GRD
Mthd Phase Diff. H.pr 0.035 V.pr 0.051

GPSQC1 NM Min SVs 6 PDOP max 0.8
Total GPS pos 7 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 490673.0 End wk 1072 sec 490679.0

GPSVEC TP Point ID 3108 DX -5838.397 DY -4539.749
Class Normal DZ -9772.372 Code GRD
Mthd Phase Diff. H.pr 0.033 V.pr 0.048

GPSQC1 NM Min SVs 6 PDOP max 0.9
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 490705.0 End wk 1072 sec 490709.0

GPSVEC TP Point ID 3109 DX -5848.890 DY -4531.580
Class Normal DZ -9776.465 Code GRD
Mthd Phase Diff. H.pr 0.032 V.pr 0.046

```
GPSQC1  NM  Min SVs      6              PDOP max  1.0
        Total GPS pos  4              HDOP max  0.6
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 490732.0       End wk 1072   sec 490735.0

GPSVEC  TP  Point ID 3110       DX  -5856.611       DY  -4529.078
        Class Normal        DZ  -9777.880       Code GRD
        Mthd Phase Diff.    H.pr 0.036          V.pr 0.052

GPSQC1  NM  Min SVs      6              PDOP max  1.0
        Total GPS pos  3              HDOP max  0.6
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 490761.0       End wk 1072   sec 490763.0

GPSVEC  TP  Point ID 3111       DX  -5874.518       DY  -4522.928
        Class Normal        DZ  -9779.715       Code GRD
        Mthd Phase Diff.    H.pr 0.035          V.pr 0.050

GPSQC1  NM  Min SVs      7              PDOP max  0.8
        Total GPS pos  5              HDOP max  0.5
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 490788.0       End wk 1072   sec 490792.0

GPSVEC  TP  Point ID 3112       DX  -5890.873       DY  -4517.641
        Class Normal        DZ  -9782.055       Code GRD
        Mthd Phase Diff.    H.pr 0.036          V.pr 0.053

GPSQC1  NM  Min SVs      7              PDOP max  0.7
        Total GPS pos  6              HDOP max  0.4
        Monitor status Yes            VDOP max  0.6
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 490816.0       End wk 1072   sec 490821.0

GPSVEC  TP  Point ID 3113       DX  -5910.146       DY  -4511.451
        Class Normal        DZ  -9784.120       Code GRD
        Mthd Phase Diff.    H.pr 0.040          V.pr 0.059

GPSQC1  NM  Min SVs      7              PDOP max  0.9
        Total GPS pos  3              HDOP max  0.5
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 490845.0       End wk 1072   sec 490847.0
```

GPSVEC TP Point ID 3114 DX -5921.882 DY -4507.656
Class Normal DZ -9785.543 Code GRD
Mthd Phase Diff. H.pr 0.044 V.pr 0.064

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 4 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 490871.0 End wk 1072 sec 490874.0

GPSVEC TP Point ID 3115 DX -5925.125 DY -4506.979
Class Normal DZ -9785.541 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.037

GPSQC1 NM Min SVs 7 PDOP max 0.7
Total GPS pos 3 HDOP max 0.4
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 490885.0 End wk 1072 sec 490889.0

GPSVEC TP Point ID 3116 DX -5928.574 DY -4505.584
Class Normal DZ -9786.254 Code GRD
Mthd Phase Diff. H.pr 0.032 V.pr 0.047

GPSQC1 NM Min SVs 7 PDOP max 0.7
Total GPS pos 4 HDOP max 0.4
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 490907.0 End wk 1072 sec 490910.0

GPSVEC TP Point ID 3117 DX -5949.090 DY -4498.856
Class Normal DZ -9788.493 Code GRD
Mthd Phase Diff. H.pr 0.038 V.pr 0.054

GPSQC1 NM Min SVs 6 PDOP max 0.7
Total GPS pos 6 HDOP max 0.4
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 490936.0 End wk 1072 sec 490942.0

GPSVEC TP Point ID 3118 DX -5967.902 DY -4492.408
Class Normal DZ -9790.684 Code GRD
Mthd Phase Diff. H.pr 0.032 V.pr 0.044

```
GPSQC1  NM  Min SVs      6              PDOP max  0.9
        Total GPS pos  5              HDOP max  0.5
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 490968.0      End wk 1072   sec 490972.0

GPSVEC  TP  Point ID 3119      DX  -5987.053       DY  -4486.432
        Class Normal       DZ  -9793.195       Code GRD
        Mthd Phase Diff.    H.pr 0.031          V.pr 0.043

GPSQC1  NM  Min SVs      7              PDOP max  0.7
        Total GPS pos  7              HDOP max  0.4
        Monitor status Yes            VDOP max  0.6
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 490997.0      End wk 1072   sec 491003.0

GPSVEC  TP  Point ID 3120      DX  -6005.846       DY  -4480.275
        Class Normal       DZ  -9795.455       Code GRD
        Mthd Phase Diff.    H.pr 0.036          V.pr 0.051

GPSQC1  NM  Min SVs      7              PDOP max  0.9
        Total GPS pos  4              HDOP max  0.5
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 491023.0      End wk 1072   sec 491026.0

GPSVEC  TP  Point ID 239       DX  -6069.520       DY  -4375.394
        Class Normal       DZ  -9676.498       Code SG 175+00W
        Mthd Phase Diff.    H.pr 0.039          V.pr 0.051

GPSQC1  NM  Min SVs      6              PDOP max  0.6
        Total GPS pos  9              HDOP max  0.4
        Monitor status Yes            VDOP max  0.5
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 491173.0      End wk 1072   sec 491182.0

INIT    KI  Init event    Lost            Week        1072
        Init type     On the fly        seconds     491190.0
        Init counter  5                 Point ID    <no text>
        Survey type   Real Time         Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

NOTE    TS  Time Date 07/28/2000 Time 16:28:44
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```
INIT   KI  Init event   Gained          Week        1072
       Init type    On the fly       seconds     491335.0
       Init counter  6              Point ID     <no text>
       Survey type   Real Time        Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>

GPSVEC  TP  Point ID 240       DX  -6069.523       DY  -4375.458
       Class Normal       DZ  -9676.516       Code SG 175+00W
       Mthd Phase Diff.    H.pr 0.042          V.pr 0.059

GPSQC1  NM  Min SVs      6              PDOP max  0.6
       Total GPS pos  19            HDOP max  0.3
       Monitor status Yes           VDOP max  0.4
       Horizontal SD  0.000          Vert SD   0.000
       Start wk 1072 sec 491377.0       End wk 1072   sec 491402.0

INIT   KI  Init event   Lost          Week        1072
       Init type    On the fly       seconds     491423.0
       Init counter  6              Point ID     <no text>
       Survey type   Real Time        Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>

INIT   KI  Init event   Gained          Week        1072
       Init type    On the fly       seconds     491531.0
       Init counter  7              Point ID     <no text>
       Survey type   Real Time        Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>

NOTE   KI  LINE. Name: 4, Code: , Method: Two points, Start pt: 239,

NOTE   KI  End pt: 166, Azimuth: 270.233°, Length: 18.352ft,

NOTE   KI  Grade: 42.350°

GPSVEC  TP  Point ID 3121      DX  -6064.729       DY  -4373.788
       Class Normal       DZ  -9678.813       Code TOE LEVEE
       Mthd Phase Diff.    H.pr 0.043          V.pr 0.060

GPSQC1  NM  Min SVs      5              PDOP max  0.6
       Total GPS pos  18            HDOP max  0.3
       Monitor status Yes           VDOP max  0.5
       Horizontal SD  0.000          Vert SD   0.000
       Start wk 1072 sec 491623.0       End wk 1072   sec 491641.0
```

GPSVEC TP Point ID 3122 DX -6048.183 DY -4379.988
Class Normal DZ -9679.158 Code GRD
Mthd Phase Diff. H.pr 0.038 V.pr 0.059

GPSQC1 NM Min SVs 5 PDOP max 1.2
Total GPS pos 6 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 491675.0 End wk 1072 sec 491681.0

GPSVEC TP Point ID 3123 DX -6032.617 DY -4386.242
Class Normal DZ -9679.073 Code GRD
Mthd Phase Diff. H.pr 0.029 V.pr 0.045

GPSQC1 NM Min SVs 5 PDOP max 1.2
Total GPS pos 6 HDOP max 0.7
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 491712.0 End wk 1072 sec 491717.0

GPSVEC TP Point ID 3124 DX -6012.998 DY -4394.281
Class Normal DZ -9679.267 Code GRD
Mthd Phase Diff. H.pr 0.034 V.pr 0.044

GPSQC1 NM Min SVs 6 PDOP max 0.8
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 491744.0 End wk 1072 sec 491749.0

GPSVEC TP Point ID 3125 DX -5994.309 DY -4401.646
Class Normal DZ -9679.157 Code GRD
Mthd Phase Diff. H.pr 0.045 V.pr 0.058

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 491767.0 End wk 1072 sec 491770.0

GPSVEC TP Point ID 3126 DX -5976.697 DY -4409.560
Class Normal DZ -9679.131 Code GRD
Mthd Phase Diff. H.pr 0.039 V.pr 0.049

```
GPSQC1  NM  Min SVs      6              PDOP max  0.9
        Total GPS pos  4              HDOP max  0.5
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 491785.0       End wk 1072   sec 491789.0

GPSVEC  TP  Point ID 3127      DX  -5957.384       DY  -4417.586
        Class Normal        DZ  -9679.140       Code GRD
        Mthd Phase Diff.    H.pr 0.043          V.pr 0.055

GPSQC1  NM  Min SVs      6              PDOP max  0.9
        Total GPS pos  5              HDOP max  0.5
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 491820.0       End wk 1072   sec 491824.0

GPSVEC  TP  Point ID 3128      DX  -5938.613       DY  -4424.664
        Class Normal        DZ  -9678.979       Code GRD
        Mthd Phase Diff.    H.pr 0.045          V.pr 0.057

GPSQC1  NM  Min SVs      6              PDOP max  0.8
        Total GPS pos  7              HDOP max  0.5
        Monitor status Yes            VDOP max  0.6
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 491846.0       End wk 1072   sec 491852.0

GPSVEC  TP  Point ID 3129      DX  -5921.163       DY  -4431.888
        Class Normal        DZ  -9678.947       Code GRD
        Mthd Phase Diff.    H.pr 0.046          V.pr 0.059

GPSQC1  NM  Min SVs      6              PDOP max  1.0
        Total GPS pos  4              HDOP max  0.6
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 491874.0       End wk 1072   sec 491877.0

GPSVEC  TP  Point ID 3130      DX  -5901.293       DY  -4440.203
        Class Normal        DZ  -9679.271       Code GRD
        Mthd Phase Diff.    H.pr 0.039          V.pr 0.050

GPSQC1  NM  Min SVs      6              PDOP max  0.9
        Total GPS pos  5              HDOP max  0.5
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 491901.0       End wk 1072   sec 491905.0
```

GPSVEC TP Point ID 3131 DX -5883.730 DY -4447.317
Class Normal DZ -9679.413 Code GRD
Mthd Phase Diff. H.pr 0.033 V.pr 0.042

GPSQC1 NM Min SVs 6 PDOP max 0.8
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 491928.0 End wk 1072 sec 491933.0

GPSVEC TP Point ID 3132 DX -5865.972 DY -4455.055
Class Normal DZ -9679.037 Code GRD
Mthd Phase Diff. H.pr 0.039 V.pr 0.049

GPSQC1 NM Min SVs 6 PDOP max 0.9
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 491957.0 End wk 1072 sec 491961.0

GPSVEC TP Point ID 3133 DX -5858.591 DY -4458.415
Class Normal DZ -9678.900 Code GRD
Mthd Phase Diff. H.pr 0.041 V.pr 0.052

GPSQC1 NM Min SVs 6 PDOP max 0.7
Total GPS pos 8 HDOP max 0.4
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 491979.0 End wk 1072 sec 491986.0

GPSVEC TP Point ID 3134 DX -5854.989 DY -4459.138
Class Normal DZ -9679.424 Code GRD
Mthd Phase Diff. H.pr 0.043 V.pr 0.054

GPSQC1 NM Min SVs 6 PDOP max 0.7
Total GPS pos 9 HDOP max 0.4
Monitor status Yes VDOP max 0.5
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 491998.0 End wk 1072 sec 492006.0

GPSVEC TP Point ID 3135 DX -5843.581 DY -4464.187
Class Normal DZ -9679.020 Code GRD
Mthd Phase Diff. H.pr 0.037 V.pr 0.047

```
GPSQC1  NM  Min SVs      6              PDOP max  0.9
        Total GPS pos  5              HDOP max  0.5
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 492026.0      End wk 1072   sec 492030.0

GPSVEC  TP  Point ID 3136      DX  -5831.869       DY  -4468.583
        Class Normal       DZ  -9679.023       Code GRD
        Mthd Phase Diff.    H.pr 0.043          V.pr 0.054

GPSQC1  NM  Min SVs      6              PDOP max  0.9
        Total GPS pos  5              HDOP max  0.5
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 492046.0      End wk 1072   sec 492050.0

GPSVEC  TP  Point ID 3137      DX  -5822.827       DY  -4476.154
        Class Normal       DZ  -9676.686       Code GRD
        Mthd Phase Diff.    H.pr 0.047          V.pr 0.059

GPSQC1  NM  Min SVs      6              PDOP max  0.9
        Total GPS pos  5              HDOP max  0.5
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 492070.0      End wk 1072   sec 492074.0

GPSVEC  TP  Point ID 3138      DX  -5819.560       DY  -4477.036
        Class Normal       DZ  -9676.889       Code GRD
        Mthd Phase Diff.    H.pr 0.041          V.pr 0.052

GPSQC1  NM  Min SVs      6              PDOP max  1.1
        Total GPS pos  3              HDOP max  0.7
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 492091.0      End wk 1072   sec 492093.0

GPSVEC  TP  Point ID 3139      DX  -5808.756       DY  -4482.171
        Class Normal       DZ  -9676.842       Code GRD
        Mthd Phase Diff.    H.pr 0.045          V.pr 0.057

GPSQC1  NM  Min SVs      6              PDOP max  0.8
        Total GPS pos  6              HDOP max  0.5
        Monitor status Yes            VDOP max  0.6
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 492118.0      End wk 1072   sec 492123.0
```

```
GPSVEC  TP  Point ID 3140       DX  -5791.880       DY  -4489.502
        Class Normal        DZ  -9676.618       Code GRD
        Mthd Phase Diff.    H.pr 0.036          V.pr 0.046

GPSQC1  NM  Min SVs      6              PDOP max  0.9
        Total GPS pos  5             HDOP max  0.5
        Monitor status Yes           VDOP max  0.7
        Horizontal SD  0.000          Vert SD   0.000
        Start wk 1072 sec 492151.0       End wk 1072   sec 492155.0

INIT    KI  Init event    Lost            Week        1072
        Init type     On the fly        seconds     492163.0
        Init counter  7                 Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

SURVEY  KI  Elev mask 10                PDOP mask 6.0

EQUIP   NM  Receiver  4800              Serial no 20152374
        Antenna   4800 Internal
        Method    Measured to bottom of antenna mount
        Tape adj  0.000                 Serial no <no text>
        Radius    0.000                 V.Const   0.511

SURVEY EVENTKISurvey event Rover survey started

NOTE    TS  Time Date 07/28/2000 Time 18:23:36

GPSANT  KI  Antenna ht 5.082            Measuremt True

GPSREF  KI  Reference BAS3

INIT    KI  Init event    Gained          Week        1072
        Init type     On the fly        seconds     498268.0
        Init counter  1                 Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

EQUIP   NM  Receiver  4800              Serial no 20152374
        Antenna   4800 Internal
        Method    Measured to bottom of antenna mount
        Tape adj  0.000                 Serial no <no text>
        Radius    0.000                 V.Const   0.511

GPSANT  KI  Antenna ht 5.906            Measuremt Uncorrected
```

```
INIT   KI  Init event   Lost            Week        1072
       Init type    On the fly        seconds     498454.0
       Init counter  1               Point ID     <no text>
       Survey type   Real Time          Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>

INIT   KI  Init event   Gained          Week        1072
       Init type    On the fly        seconds     498585.0
       Init counter  2               Point ID     <no text>
       Survey type   Real Time          Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>

GPSVEC  TP  Point ID 241        DX  -5958.080        DY  -3833.146
       Class Normal        DZ  -8852.889        Code SG 185+00W
       Mthd Phase Diff.    H.pr 0.028           V.pr 0.056

GPSQC1  NM  Min SVs       8              PDOP max  0.7
       Total GPS pos  8              HDOP max  0.3
       Monitor status Yes            VDOP max  0.7
       Horizontal SD  0.000           Vert SD   0.000
       Start wk 1072 sec 498634.0       End wk 1072   sec 498641.0

INIT   KI  Init event   Lost            Week        1072
       Init type    On the fly        seconds     498645.0
       Init counter  2               Point ID     <no text>
       Survey type   Real Time          Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>

INIT   KI  Init event   Gained          Week        1072
       Init type    On the fly        seconds     498699.0
       Init counter  3               Point ID     <no text>
       Survey type   Real Time          Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>

GPSVEC  TP  Point ID 242        DX  -5958.076        DY  -3833.189
       Class Normal        DZ  -8852.899        Code SG 185+00W
       Mthd Phase Diff.    H.pr 0.025           V.pr 0.051

GPSQC1  NM  Min SVs       8              PDOP max  0.7
       Total GPS pos  9              HDOP max  0.3
       Monitor status Yes            VDOP max  0.6
       Horizontal SD  0.000           Vert SD   0.000
       Start wk 1072 sec 498706.0       End wk 1072   sec 498714.0

NOTE   KI  LINE. Name: 5, Code: , Method: Two points, Start pt: 241,
```

NOTE KI End pt: 168, Azimuth: 271.429°, Length: 16.775ft,

NOTE KI Grade: 40.101°

GPSVEC TP Point ID 3141 DX -5953.193 DY -3831.887
Class Normal DZ -8855.321 Code TOE LEVEE
Mthd Phase Diff. H.pr 0.026 V.pr 0.053

GPSQC1 NM Min SVs 8 PDOP max 1.0
Total GPS pos 4 HDOP max 0.4
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 498805.0 End wk 1072 sec 498808.0

GPSVEC TP Point ID 3142 DX -5949.457 DY -3832.691
Class Normal DZ -8855.467 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.045

GPSQC1 NM Min SVs 8 PDOP max 1.0
Total GPS pos 4 HDOP max 0.4
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 498827.0 End wk 1072 sec 498830.0

GPSVEC TP Point ID 3143 DX -5931.474 DY -3840.193
Class Normal DZ -8855.836 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.051

GPSQC1 NM Min SVs 9 PDOP max 0.8
Total GPS pos 4 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 498850.0 End wk 1072 sec 498853.0

GPSVEC TP Point ID 3144 DX -5913.474 DY -3847.748
Class Normal DZ -8856.313 Code GRD
Mthd Phase Diff. H.pr 0.029 V.pr 0.057

GPSQC1 NM Min SVs 9 PDOP max 0.8
Total GPS pos 4 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 498867.0 End wk 1072 sec 498870.0

GPSVEC TP Point ID 3145 DX -5896.615 DY -3855.639
Class Normal DZ -8856.245 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.049

GPSQC1 NM Min SVs 9 PDOP max 0.8
Total GPS pos 4 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 498887.0 End wk 1072 sec 498890.0

GPSVEC TP Point ID 3146 DX -5878.725 DY -3863.519
Class Normal DZ -8856.187 Code GRD
Mthd Phase Diff. H.pr 0.029 V.pr 0.057

GPSQC1 NM Min SVs 9 PDOP max 0.8
Total GPS pos 4 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 498919.0 End wk 1072 sec 498922.0

GPSVEC TP Point ID 3147 DX -5870.122 DY -3872.420
Class Normal DZ -8853.435 Code GRD
Mthd Phase Diff. H.pr 0.033 V.pr 0.064

GPSQC1 NM Min SVs 9 PDOP max 0.7
Total GPS pos 5 HDOP max 0.3
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 498943.0 End wk 1072 sec 498948.0

GPSVEC TP Point ID 3148 DX -5864.038 DY -3878.214
Class Normal DZ -8851.839 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.042

GPSQC1 NM Min SVs 9 PDOP max 0.8
Total GPS pos 5 HDOP max 0.3
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 498967.0 End wk 1072 sec 498971.0

GPSVEC TP Point ID 3149 DX -5853.491 DY -3878.005
Class Normal DZ -8854.587 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.043

```
GPSQC1  NM  Min SVs      9              PDOP max  0.8
        Total GPS pos  4              HDOP max  0.4
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 498998.0       End wk 1072   sec 499001.0

GPSVEC  TP  Point ID 3150      DX  -5838.575       DY  -3884.993
        Class Normal        DZ  -8854.494       Code GRD
        Mthd Phase Diff.    H.pr 0.024          V.pr 0.046

GPSQC1  NM  Min SVs      9              PDOP max  0.5
        Total GPS pos  10             HDOP max  0.2
        Monitor status Yes            VDOP max  0.5
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 499019.0       End wk 1072   sec 499029.0

GPSVEC  TP  Point ID 3151      DX  -5818.415       DY  -3893.610
        Class Normal        DZ  -8854.957       Code GRD
        Mthd Phase Diff.    H.pr 0.027          V.pr 0.053

GPSQC1  NM  Min SVs      9              PDOP max  0.8
        Total GPS pos  5              HDOP max  0.3
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 499058.0       End wk 1072   sec 499062.0

GPSVEC  TP  Point ID 3152      DX  -5812.437       DY  -3897.148
        Class Normal        DZ  -8854.435       Code GRD
        Mthd Phase Diff.    H.pr 0.026          V.pr 0.051

GPSQC1  NM  Min SVs      9              PDOP max  0.9
        Total GPS pos  3              HDOP max  0.4
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 499078.0       End wk 1072   sec 499080.0

GPSVEC  TP  Point ID 3153      DX  -5799.892       DY  -3901.984
        Class Normal        DZ  -8854.668       Code GRD
        Mthd Phase Diff.    H.pr 0.032          V.pr 0.062

GPSQC1  NM  Min SVs      9              PDOP max  0.8
        Total GPS pos  4              HDOP max  0.4
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 499097.0       End wk 1072   sec 499100.0
```

GPSVEC TP Point ID 3154 DX -5781.195 DY -3911.190
Class Normal DZ -8854.172 Code GRD
Mthd Phase Diff. H.pr 0.031 V.pr 0.060

GPSQC1 NM Min SVs 9 PDOP max 0.8
Total GPS pos 5 HDOP max 0.3
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 499121.0 End wk 1072 sec 499125.0

GPSVEC TP Point ID 3155 DX -5775.512 DY -3912.603
Class Normal DZ -8855.184 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.050

GPSQC1 NM Min SVs 9 PDOP max 0.5
Total GPS pos 9 HDOP max 0.2
Monitor status Yes VDOP max 0.5
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 499140.0 End wk 1072 sec 499150.0

GPSVEC TP Point ID 3156 DX -5763.459 DY -3917.711
Class Normal DZ -8855.056 Code GRD
Mthd Phase Diff. H.pr 0.028 V.pr 0.055

PSQC1 NM Min SVs 9 PDOP max 0.7
Total GPS pos 7 HDOP max 0.3
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 499167.0 End wk 1072 sec 499173.0

GPSVEC TP Point ID 3157 DX -5752.157 DY -3922.366
Class Normal DZ -8855.729 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.048

GPSQC1 NM Min SVs 9 PDOP max 0.8
Total GPS pos 4 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 499191.0 End wk 1072 sec 499194.0

GPSVEC TP Point ID 3158 DX -5740.968 DY -3928.306
Class Normal DZ -8855.199 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.046

```
GPSQC1  NM  Min SVs      9              PDOP max  0.8
        Total GPS pos  4              HDOP max  0.3
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 499258.0       End wk 1072   sec 499262.0

GPSVEC  TP  Point ID 3159       DX  -5736.636       DY  -3929.342
        Class Normal        DZ  -8855.909       Code GRD
        Mthd Phase Diff.    H.pr 0.030          V.pr 0.058

GPSQC1  NM  Min SVs      9              PDOP max  0.8
        Total GPS pos  5              HDOP max  0.3
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 499287.0       End wk 1072   sec 499291.0

GPSVEC  TP  Point ID 3160       DX  -5725.738       DY  -3933.951
        Class Normal        DZ  -8855.983       Code GRD
        Mthd Phase Diff.    H.pr 0.029          V.pr 0.055

GPSQC1  NM  Min SVs      9              PDOP max  0.6
        Total GPS pos  9              HDOP max  0.3
        Monitor status Yes            VDOP max  0.5
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 499312.0       End wk 1072   sec 499320.0

GPSVEC  TP  Point ID 3161       DX  -5717.975       DY  -3939.226
        Class Normal        DZ  -8854.856       Code GRD
        Mthd Phase Diff.    H.pr 0.028          V.pr 0.055

GPSQC1  NM  Min SVs      9              PDOP max  0.7
        Total GPS pos  6              HDOP max  0.3
        Monitor status Yes            VDOP max  0.6
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 499336.0       End wk 1072   sec 499341.0

GPSVEC  TP  Point ID 3162       DX  -5708.250       DY  -3942.983
        Class Normal        DZ  -8855.363       Code GRD
        Mthd Phase Diff.    H.pr 0.024          V.pr 0.046

GPSQC1  NM  Min SVs      9              PDOP max  0.8
        Total GPS pos  5              HDOP max  0.3
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 499358.0       End wk 1072   sec 499362.0
```

GPSVEC TP Point ID 3163 DX -5690.774 DY -3952.112
Class Normal DZ -8854.507 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.047

GPSQC1 NM Min SVs 9 PDOP max 0.8
Total GPS pos 3 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 499385.0 End wk 1072 sec 499388.0

GPSVEC TP Point ID 3164 DX -5669.577 DY -3951.858
Class Normal DZ -8860.740 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.050

GPSQC1 NM Min SVs 9 PDOP max 0.8
Total GPS pos 5 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 499434.0 End wk 1072 sec 499438.0

GPSVEC TP Point ID 243 DX -5582.384 DY -4083.343
Class Normal DZ -8986.807 Code SG 185+00E
Mthd Phase Diff. H.pr 0.024 V.pr 0.042

GPSQC1 NM Min SVs 7 PDOP max 0.6
Total GPS pos 18 HDOP max 0.3
Monitor status Yes VDOP max 0.5
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 499619.0 End wk 1072 sec 499638.0

INIT KI Init event Lost(RMS) Week 1072
Init type On the fly seconds 499695.0
Init counter 3 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1072
Init type On the fly seconds 499729.0
Init counter 4 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 244 DX -5582.395 DY -4083.363
Class Normal DZ -8986.778 Code SG 185+00E
Mthd Phase Diff. H.pr 0.035 V.pr 0.062

```
GPSQC1  NM  Min SVs      7              PDOP max  0.8
        Total GPS pos  9              HDOP max  0.4
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 499779.0      End wk 1072   sec 499787.0

NOTE   KI  LINE. Name: 6, Code: , Method: Two points, Start pt: 244,

NOTE   KI  End pt: 125, Azimuth: 89.694°, Length: 16.239ft,

NOTE   KI  Grade: 39.633°

GPSVEC  TP  Point ID 3165      DX  -5584.551       DY  -4078.617
        Class Normal       DZ  -8989.137       Code TOE LEVEE
        Mthd Phase Diff.    H.pr 0.016          V.pr 0.044

GPSQC1  NM  Min SVs      6              PDOP max  1.2
        Total GPS pos  10             HDOP max  0.4
        Monitor status Yes            VDOP max  1.1
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 499901.0      End wk 1072   sec 499911.0

GPSVEC  TP  Point ID 3166      DX  -5591.451       DY  -4075.262
        Class Normal       DZ  -8989.924       Code GRD
        Mthd Phase Diff.    H.pr 0.022          V.pr 0.061

GPSQC1  NM  Min SVs      6              PDOP max  0.8
        Total GPS pos  22             HDOP max  0.3
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 499945.0      End wk 1072   sec 499981.0

GPSVEC  TP  Point ID 3167      DX  -5601.745       DY  -4070.786
        Class Normal       DZ  -8989.796       Code GRD
        Mthd Phase Diff.    H.pr 0.022          V.pr 0.044

GPSQC1  NM  Min SVs      7              PDOP max  1.0
        Total GPS pos  6              HDOP max  0.4
        Monitor status Yes            VDOP max  0.9
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 499996.0      End wk 1072   sec 500001.0

NOTE   TS  Time Date 07/28/2000 Time 18:54:06
```

GPSVEC TP Point ID 3168 DX -5609.493 DY -4068.619
Class Normal DZ -8989.417 Code GRD
Mthd Phase Diff. H.pr 0.029 V.pr 0.054

GPSQC1 NM Min SVs 8 PDOP max 1.1
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 500055.0 End wk 1072 sec 500057.0

GPSVEC TP Point ID 3169 DX -5613.495 DY -4066.475
Class Normal DZ -8990.172 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.046

GPSQC1 NM Min SVs 8 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 500122.0 End wk 1072 sec 500125.0

GPSVEC TP Point ID 3170 DX -5631.159 DY -4059.174
Class Normal DZ -8990.035 Code GRD
Mthd Phase Diff. H.pr 0.029 V.pr 0.055

GPSQC1 NM Min SVs 8 PDOP max 1.0
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 500146.0 End wk 1072 sec 500149.0

GPSVEC TP Point ID 3171 DX -5649.448 DY -4051.931
Class Normal DZ -8990.330 Code GRD
Mthd Phase Diff. H.pr 0.034 V.pr 0.064

GPSQC1 NM Min SVs 8 PDOP max 0.9
Total GPS pos 6 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 500168.0 End wk 1072 sec 500173.0

GPSVEC TP Point ID 3172 DX -5664.766 DY -4045.543
Class Normal DZ -8990.239 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.051

```
GPSQC1  NM  Min SVs      8              PDOP max  0.8
        Total GPS pos  8              HDOP max  0.4
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 500191.0      End wk 1072   sec 500198.0

GPSVEC  TP  Point ID 3173      DX  -5687.510       DY  -4046.051
        Class Normal        DZ  -8984.332       Code GRD
        Mthd Phase Diff.    H.pr 0.034          V.pr 0.063

GPSQC1  NM  Min SVs      8              PDOP max  0.8
        Total GPS pos  8              HDOP max  0.4
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 500249.0      End wk 1072   sec 500256.0

GPSVEC  TP  Point ID 3174      DX  -5692.253       DY  -4042.883
        Class Normal        DZ  -8985.236       Code GRD
        Mthd Phase Diff.    H.pr 0.034          V.pr 0.063

GPSQC1  NM  Min SVs      8              PDOP max  0.8
        Total GPS pos  7              HDOP max  0.4
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 500271.0      End wk 1072   sec 500278.0

GPSVEC  TP  Point ID 3175      DX  -5699.592       DY  -4040.369
        Class Normal        DZ  -8985.073       Code GRD
        Mthd Phase Diff.    H.pr 0.025          V.pr 0.048

GPSQC1  NM  Min SVs      8              PDOP max  1.0
        Total GPS pos  4              HDOP max  0.5
        Monitor status Yes            VDOP max  0.9
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 500295.0      End wk 1072   sec 500298.0

GPSVEC  TP  Point ID 3176      DX  -5709.931       DY  -4035.918
        Class Normal        DZ  -8984.921       Code GRD
        Mthd Phase Diff.    H.pr 0.027          V.pr 0.051

GPSQC1  NM  Min SVs      8              PDOP max  1.0
        Total GPS pos  5              HDOP max  0.5
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 500317.0      End wk 1072   sec 500321.0
```

GPSVEC TP Point ID 3177 DX -5715.192 DY -4032.415
Class Normal DZ -8986.131 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.041

GPSQC1 NM Min SVs 8 PDOP max 0.9
Total GPS pos 6 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 500333.0 End wk 1072 sec 500338.0

GPSVEC TP Point ID 3178 DX -5729.919 DY -4027.351
Class Normal DZ -8985.729 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.053

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 7 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 500366.0 End wk 1072 sec 500373.0

GPSVEC TP Point ID 3179 DX -5738.579 DY -4021.915
Class Normal DZ -8986.852 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.042

GPSQC1 NM Min SVs 8 PDOP max 1.0
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 500397.0 End wk 1072 sec 500400.0

GPSVEC TP Point ID 3180 DX -5750.565 DY -4017.738
Class Normal DZ -8986.549 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.049

GPSQC1 NM Min SVs 8 PDOP max 1.1
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 500414.0 End wk 1072 sec 500417.0

GPSVEC TP Point ID 3181 DX -5760.954 DY -4014.469
Class Normal DZ -8985.876 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.046

```
GPSQC1  NM  Min SVs      8              PDOP max  1.1
        Total GPS pos  4              HDOP max  0.5
        Monitor status Yes            VDOP max  0.9
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 500432.0      End wk 1072   sec 500435.0

GPSVEC  TP  Point ID 3182      DX  -5771.627       DY  -4008.860
        Class Normal        DZ  -8987.134       Code GRD
        Mthd Phase Diff.    H.pr 0.022          V.pr 0.040

GPSQC1  NM  Min SVs      8              PDOP max  1.1
        Total GPS pos  4              HDOP max  0.5
        Monitor status Yes            VDOP max  0.9
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 500459.0      End wk 1072   sec 500462.0

GPSVEC  TP  Point ID 3183      DX  -5784.563       DY  -4003.938
        Class Normal        DZ  -8987.363       Code GRD
        Mthd Phase Diff.    H.pr 0.023          V.pr 0.044

GPSQC1  NM  Min SVs      8              PDOP max  0.8
        Total GPS pos  7              HDOP max  0.4
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 500478.0      End wk 1072   sec 500484.0

GPSVEC  TP  Point ID 3184      DX  -5795.792       DY  -3998.999
        Class Normal        DZ  -8987.224       Code GRD
        Mthd Phase Diff.    H.pr 0.020          V.pr 0.037

GPSQC1  NM  Min SVs      8              PDOP max  0.9
        Total GPS pos  6              HDOP max  0.4
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 500497.0      End wk 1072   sec 500502.0

GPSVEC  TP  Point ID 3185      DX  -5800.120       DY  -3998.260
        Class Normal        DZ  -8986.784       Code GRD
        Mthd Phase Diff.    H.pr 0.027          V.pr 0.050

GPSQC1  NM  Min SVs      8              PDOP max  0.9
        Total GPS pos  6              HDOP max  0.4
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 500517.0      End wk 1072   sec 500522.0
```

GPSVEC TP Point ID 3186 DX -5806.132 DY -3995.556
Class Normal DZ -8986.658 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.049

GPSQC1 NM Min SVs 8 PDOP max 0.8
Total GPS pos 7 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 500542.0 End wk 1072 sec 500549.0

GPSVEC TP Point ID 3187 DX -5811.757 DY -3992.039
Class Normal DZ -8987.916 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.050

GPSQC1 NM Min SVs 7 PDOP max 1.2
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 500568.0 End wk 1072 sec 500571.0

GPSVEC TP Point ID 3188 DX -5831.046 DY -3983.165
Class Normal DZ -8988.666 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.056

GPSQC1 NM Min SVs 7 PDOP max 1.2
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 500593.0 End wk 1072 sec 500597.0

GPSVEC TP Point ID 3189 DX -5844.179 DY -3978.397
Class Normal DZ -8988.330 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.048

GPSQC1 NM Min SVs 7 PDOP max 1.2
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 500620.0 End wk 1072 sec 500624.0

GPSVEC TP Point ID 3190 DX -5856.416 DY -3973.625
Class Normal DZ -8988.454 Code GRD
Mthd Phase Diff. H.pr 0.029 V.pr 0.061

```
GPSQC1  NM  Min SVs      7              PDOP max  1.1
        Total GPS pos  5              HDOP max  0.5
        Monitor status Yes            VDOP max  1.0
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 500641.0       End wk 1072   sec 500646.0

GPSVEC  TP  Point ID 3191       DX  -5860.813       DY  -3972.295
        Class Normal        DZ  -8987.932       Code GRD
        Mthd Phase Diff.    H.pr 0.030          V.pr 0.063

GPSQC1  NM  Min SVs      7              PDOP max  1.3
        Total GPS pos  4              HDOP max  0.5
        Monitor status Yes            VDOP max  1.2
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 500658.0       End wk 1072   sec 500661.0

INIT    KI  Init event    Lost            Week        1072
        Init type     On the fly        seconds     500704.0
        Init counter  4                 Point ID    <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

INIT    KI  Init event    Gained          Week        1072
        Init type     On the fly        seconds     501051.0
        Init counter  5                 Point ID    <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

GPSVEC  TP  Point ID 245        DX  -5366.637       DY  -3567.866
        Class Normal        DZ  -8140.659       Code SG 195+00E
        Mthd Phase Diff.    H.pr 0.028          V.pr 0.053

GPSQC1  NM  Min SVs      7              PDOP max  0.8
        Total GPS pos  14             HDOP max  0.4
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 501159.0       End wk 1072   sec 501172.0

INIT    KI  Init event    Lost            Week        1072
        Init type     On the fly        seconds     501178.0
        Init counter  5                 Point ID    <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>
```

```
INIT   KI  Init event   Gained          Week        1072
           Init type    On the fly       seconds     501207.0
           Init counter 6                Point ID    <no text>
           Survey type  Real Time        Plate H. Dist <null>
           Plate V. Dist <null>          Plate azimuth <null>

GPSVEC  TP  Point ID 246      DX  -5366.604      DY  -3567.831
           Class Normal      DZ  -8140.602      Code SG 195+00E
           Mthd Phase Diff.   H.pr 0.034         V.pr 0.064

GPSQC1  NM  Min SVs      7            PDOP max  0.8
           Total GPS pos  11          HDOP max  0.4
           Monitor status Yes         VDOP max  0.7
           Horizontal SD  0.000       Vert SD   0.000
           Start wk 1072 sec 501216.0      End wk 1072   sec 501226.0

NOTE   KI  LINE. Name: 7, Code: , Method: Two points, Start pt: 245,

NOTE   KI  End pt: 128, Azimuth: 93.482°, Length: 15.417ft,

NOTE   KI  Grade: 40.194°

GPSVEC  TP  Point ID 3192     DX  -5369.020      DY  -3562.952
           Class Normal      DZ  -8142.823      Code TOE LEVEE
           Mthd Phase Diff.   H.pr 0.026         V.pr 0.049

GPSQC1  NM  Min SVs      7            PDOP max  1.2
           Total GPS pos  5           HDOP max  0.6
           Monitor status Yes         VDOP max  1.1
           Horizontal SD  0.000       Vert SD   0.000
           Start wk 1072 sec 501339.0      End wk 1072   sec 501343.0

GPSVEC  TP  Point ID 3193     DX  -5374.615      DY  -3560.313
           Class Normal      DZ  -8142.648      Code GRD
           Mthd Phase Diff.   H.pr 0.033         V.pr 0.063

GPSQC1  NM  Min SVs      7            PDOP max  1.1
           Total GPS pos  6           HDOP max  0.5
           Monitor status Yes         VDOP max  1.0
           Horizontal SD  0.000       Vert SD   0.000
           Start wk 1072 sec 501361.0      End wk 1072   sec 501368.0

GPSVEC  TP  Point ID 3194     DX  -5387.936      DY  -3554.511
           Class Normal      DZ  -8142.136      Code GRD
           Mthd Phase Diff.   H.pr 0.035         V.pr 0.060
```

```
GPSQC1  NM  Min SVs      8              PDOP max  0.9
        Total GPS pos  5              HDOP max  0.5
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 501402.0       End wk 1072   sec 501406.0

GPSVEC  TP  Point ID 3195       DX  -5404.357        DY  -3547.025
        Class Normal        DZ  -8141.092        Code GRD
        Mthd Phase Diff.    H.pr 0.028           V.pr 0.048

GPSQC1  NM  Min SVs      8              PDOP max  0.9
        Total GPS pos  7              HDOP max  0.4
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 501425.0       End wk 1072   sec 501431.0

GPSVEC  TP  Point ID 3196       DX  -5418.897        DY  -3541.065
        Class Normal        DZ  -8139.677        Code GRD
        Mthd Phase Diff.    H.pr 0.036           V.pr 0.062

GPSQC1  NM  Min SVs      8              PDOP max  0.9
        Total GPS pos  7              HDOP max  0.4
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 501447.0       End wk 1072   sec 501453.0

GPSVEC  TP  Point ID 3197       DX  -5426.407        DY  -3537.635
        Class Normal        DZ  -8139.310        Code GRD
        Mthd Phase Diff.    H.pr 0.037           V.pr 0.063

GPSQC1  NM  Min SVs      8              PDOP max  1.1
        Total GPS pos  4              HDOP max  0.6
        Monitor status Yes            VDOP max  1.0
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 501480.0       End wk 1072   sec 501483.0

GPSVEC  TP  Point ID 3198       DX  -5430.849        DY  -3535.937
        Class Normal        DZ  -8139.206        Code GRD
        Mthd Phase Diff.    H.pr 0.038           V.pr 0.065

GPSQC1  NM  Min SVs      8              PDOP max  1.0
        Total GPS pos  5              HDOP max  0.5
        Monitor status Yes            VDOP max  0.9
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 501499.0       End wk 1072   sec 501503.0
```

GPSVEC TP Point ID 3199 DX -5433.598 DY -3534.095
Class Normal DZ -8139.226 Code GRD
Mthd Phase Diff. H.pr 0.036 V.pr 0.062

GPSQC1 NM Min SVs 8 PDOP max 1.1
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 501521.0 End wk 1072 sec 501524.0

GPSVEC TP Point ID 3200 DX -5437.069 DY -3532.801
Class Normal DZ -8138.894 Code GRD
Mthd Phase Diff. H.pr 0.037 V.pr 0.063

GPSQC1 NM Min SVs 8 PDOP max 0.7
Total GPS pos 11 HDOP max 0.4
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 501535.0 End wk 1072 sec 501545.0

GPSVEC TP Point ID 3201 DX -5440.343 DY -3531.049
Class Normal DZ -8139.168 Code GRD
Mthd Phase Diff. H.pr 0.035 V.pr 0.060

GPSQC1 NM Min SVs 8 PDOP max 1.0
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 501559.0 End wk 1072 sec 501563.0

GPSVEC TP Point ID 3202 DX -5443.889 DY -3529.594
Class Normal DZ -8138.646 Code GRD
Mthd Phase Diff. H.pr 0.031 V.pr 0.053

GPSQC1 NM Min SVs 8 PDOP max 0.9
Total GPS pos 7 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 501577.0 End wk 1072 sec 501583.0

GPSVEC TP Point ID 3203 DX -5455.685 DY -3524.342
Class Normal DZ -8138.550 Code GRD
Mthd Phase Diff. H.pr 0.028 V.pr 0.049

GPSQC1 NM Min SVs 8 PDOP max 0.8
Total GPS pos 10 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 501603.0 End wk 1072 sec 501612.0

GPSVEC TP Point ID 3204 DX -5469.660 DY -3517.742
Class Normal DZ -8137.608 Code GRD
Mthd Phase Diff. H.pr 0.035 V.pr 0.061

GPSQC1 NM Min SVs 8 PDOP max 0.7
Total GPS pos 11 HDOP max 0.3
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 501639.0 End wk 1072 sec 501650.0

GPSVEC TP Point ID 3205 DX -5477.789 DY -3516.696
Class Normal DZ -8135.323 Code GRD
Mthd Phase Diff. H.pr 0.033 V.pr 0.057

GPSQC1 NM Min SVs 8 PDOP max 0.7
Total GPS pos 11 HDOP max 0.4
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 501668.0 End wk 1072 sec 501679.0

GPSVEC TP Point ID 3206 DX -5483.446 DY -3515.462
Class Normal DZ -8134.698 Code GRD
Mthd Phase Diff. H.pr 0.035 V.pr 0.061

GPSQC1 NM Min SVs 8 PDOP max 0.7
Total GPS pos 12 HDOP max 0.3
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 501692.0 End wk 1072 sec 501703.0

GPSVEC TP Point ID 3207 DX -5487.413 DY -3513.672
Class Normal DZ -8134.884 Code GRD
Mthd Phase Diff. H.pr 0.035 V.pr 0.061

GPSQC1 NM Min SVs 8 PDOP max 0.8
Total GPS pos 8 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 501729.0 End wk 1072 sec 501739.0

GPSVEC TP Point ID 3208 DX -5495.462 DY -3507.941
Class Normal DZ -8135.261 Code GRD
Mthd Phase Diff. H.pr 0.036 V.pr 0.063

GPSQC1 NM Min SVs 8 PDOP max 0.9
Total GPS pos 7 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 501761.0 End wk 1072 sec 501767.0

GPSVEC TP Point ID 3209 DX -5498.442 DY -3506.570
Class Normal DZ -8135.549 Code GRD
Mthd Phase Diff. H.pr 0.035 V.pr 0.060

GPSQC1 NM Min SVs 8 PDOP max 1.1
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 501780.0 End wk 1072 sec 501783.0

GPSVEC TP Point ID 3210 DX -5500.618 DY -3506.077
Class Normal DZ -8134.564 Code GRD
Mthd Phase Diff. H.pr 0.033 V.pr 0.057

GPSQC1 NM Min SVs 8 PDOP max 0.8
Total GPS pos 8 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 501802.0 End wk 1072 sec 501817.0

GPSVEC TP Point ID 3211 DX -5509.019 DY -3502.973
Class Normal DZ -8134.174 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.042

GPSQC1 NM Min SVs 8 PDOP max 0.8
Total GPS pos 8 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 501837.0 End wk 1072 sec 501845.0

NOTE TS Time Date 07/28/2000 Time 19:24:17

GPSVEC TP Point ID 3212 DX -5514.887 DY -3500.897
Class Normal DZ -8132.893 Code GRD
Mthd Phase Diff. H.pr 0.036 V.pr 0.062

```
GPSQC1  NM  Min SVs      8              PDOP max  0.8
        Total GPS pos  8              HDOP max  0.4
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 501862.0      End wk 1072   sec 501869.0

GPSVEC  TP  Point ID 3213      DX  -5526.001       DY  -3496.587
        Class Normal        DZ  -8132.617       Code GRD
        Mthd Phase Diff.    H.pr 0.037          V.pr 0.065

GPSQC1  NM  Min SVs      8              PDOP max  1.0
        Total GPS pos  6              HDOP max  0.5
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 501888.0      End wk 1072   sec 501893.0

GPSVEC  TP  Point ID 3214      DX  -5537.610       DY  -3492.268
        Class Normal        DZ  -8131.436       Code GRD
        Mthd Phase Diff.    H.pr 0.024          V.pr 0.043

GPSQC1  NM  Min SVs      8              PDOP max  0.8
        Total GPS pos  4              HDOP max  0.4
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 501913.0      End wk 1072   sec 501921.0

GPSVEC  TP  Point ID 3215      DX  -5547.861       DY  -3488.124
        Class Normal        DZ  -8130.549       Code GRD
        Mthd Phase Diff.    H.pr 0.034          V.pr 0.059

GPSQC1  NM  Min SVs      8              PDOP max  1.1
        Total GPS pos  4              HDOP max  0.6
        Monitor status Yes            VDOP max  1.0
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 501938.0      End wk 1072   sec 501941.0

GPSVEC  TP  Point ID 3216      DX  -5557.608       DY  -3483.329
        Class Normal        DZ  -8129.777       Code GRD
        Mthd Phase Diff.    H.pr 0.034          V.pr 0.060

GPSQC1  NM  Min SVs      8              PDOP max  0.9
        Total GPS pos  7              HDOP max  0.4
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 501961.0      End wk 1072   sec 501967.0
```

GPSVEC TP Point ID 3217 DX -5565.721 DY -3479.591
Class Normal DZ -8129.886 Code GRD
Mthd Phase Diff. H.pr 0.037 V.pr 0.064

GPSQC1 NM Min SVs 8 PDOP max 0.8
Total GPS pos 8 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 501984.0 End wk 1072 sec 501991.0

GPSVEC TP Point ID 3218 DX -5572.948 DY -3478.682
Class Normal DZ -8128.100 Code GRD
Mthd Phase Diff. H.pr 0.037 V.pr 0.065

GPSQC1 NM Min SVs 8 PDOP max 0.9
Total GPS pos 7 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 502022.0 End wk 1072 sec 502029.0

GPSVEC TP Point ID 3219 DX -5580.858 DY -3476.177
Class Normal DZ -8127.239 Code GRD
Mthd Phase Diff. H.pr 0.035 V.pr 0.062

GPSQC1 NM Min SVs 8 PDOP max 0.8
Total GPS pos 10 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 502055.0 End wk 1072 sec 502064.0

GPSVEC TP Point ID 3220 DX -5587.140 DY -3472.644
Class Normal DZ -8127.307 Code GRD
Mthd Phase Diff. H.pr 0.032 V.pr 0.056

GPSQC1 NM Min SVs 8 PDOP max 0.9
Total GPS pos 7 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 502080.0 End wk 1072 sec 502086.0

GPSVEC TP Point ID 3221 DX -5594.609 DY -3470.131
Class Normal DZ -8125.872 Code GRD
Mthd Phase Diff. H.pr 0.037 V.pr 0.065

```
GPSQC1  NM  Min SVs      8              PDOP max  1.0
        Total GPS pos  5              HDOP max  0.5
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 502113.0      End wk 1072   sec 502118.0

GPSVEC  TP  Point ID 3222      DX  -5607.678       DY  -3463.743
        Class Normal        DZ  -8125.923       Code GRD
        Mthd Phase Diff.    H.pr 0.037          V.pr 0.065

GPSQC1  NM  Min SVs      8              PDOP max  0.8
        Total GPS pos  8              HDOP max  0.4
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 502143.0      End wk 1072   sec 502150.0

GPSVEC  TP  Point ID 3223      DX  -5620.216       DY  -3457.660
        Class Normal        DZ  -8125.662       Code GRD
        Mthd Phase Diff.    H.pr 0.032          V.pr 0.056

GPSQC1  NM  Min SVs      8              PDOP max  0.7
        Total GPS pos  11             HDOP max  0.4
        Monitor status Yes            VDOP max  0.6
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 502172.0      End wk 1072   sec 502182.0

GPSVEC  TP  Point ID 3224      DX  -5627.980       DY  -3454.042
        Class Normal        DZ  -8125.638       Code GRD
        Mthd Phase Diff.    H.pr 0.037          V.pr 0.065

GPSQC1  NM  Min SVs      8              PDOP max  1.0
        Total GPS pos  6              HDOP max  0.5
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 502198.0      End wk 1072   sec 502203.0

GPSVEC  TP  Point ID 3225      DX  -5641.811       DY  -3448.637
        Class Normal        DZ  -8124.007       Code GRD
        Mthd Phase Diff.    H.pr 0.034          V.pr 0.060

GPSQC1  NM  Min SVs      8              PDOP max  1.0
        Total GPS pos  6              HDOP max  0.5
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 502228.0      End wk 1072   sec 502233.0
```

GPSVEC TP Point ID 247 DX -5730.441 DY -3319.838
Class Normal DZ -8001.463 Code SG 195+00W
Mthd Phase Diff. H.pr 0.022 V.pr 0.052

GPSQC1 NM Min SVs 7 PDOP max 1.4
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 502466.0 End wk 1072 sec 502470.0

INIT KI Init event Lost Week 1072
Init type On the fly seconds 502475.0
Init counter 6 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1072
Init type On the fly seconds 502501.0
Init counter 7 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 248 DX -5730.397 DY -3319.763
Class Normal DZ -8001.500 Code SG 195+00W
Mthd Phase Diff. H.pr 0.016 V.pr 0.038

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 10 HDOP max 0.4
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 502510.0 End wk 1072 sec 502519.0

INIT KI Init event Lost Week 1072
Init type On the fly seconds 502561.0
Init counter 7 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1072
Init type On the fly seconds 502582.0
Init counter 8 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 249 DX -5730.338 DY -3319.721
Class Normal DZ -8001.441 Code SG 195+00W
Mthd Phase Diff. H.pr 0.023 V.pr 0.056

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 8 HDOP max 0.4
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 502628.0 End wk 1072 sec 502637.0

NOTE KI LINE. Name: 8, Code: , Method: Two points, Start pt: 248,

NOTE KI End pt: 170, Azimuth: 277.009°, Length: 15.137ft,

NOTE KI Grade: 41.997°

GPSVEC TP Point ID 3226 DX -5725.877 DY -3318.300
Class Normal DZ -8004.301 Code TOE LEVEE
Mthd Phase Diff. H.pr 0.023 V.pr 0.053

GPSQC1 NM Min SVs 7 PDOP max 1.2
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 502731.0 End wk 1072 sec 502737.0

GPSVEC TP Point ID 3227 DX -5709.299 DY -3325.655
Class Normal DZ -8006.306 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.044

GPSQC1 NM Min SVs 8 PDOP max 1.1
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 502759.0 End wk 1072 sec 502762.0

GPSVEC TP Point ID 3228 DX -5693.659 DY -3333.211
Class Normal DZ -8008.147 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.037

GPSQC1 NM Min SVs 8 PDOP max 0.9
Total GPS pos 7 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 502782.0 End wk 1072 sec 502788.0

GPSVEC TP Point ID 3229 DX -5679.939 DY -3340.002
Class Normal DZ -8009.663 Code GRD
Mthd Phase Diff. H.pr 0.030 V.pr 0.052

GPSQC1 NM Min SVs 8 PDOP max 0.8
Total GPS pos 7 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 502806.0 End wk 1072 sec 502813.0

GPSVEC TP Point ID 3230 DX -5668.623 DY -3345.638
Class Normal DZ -8010.609 Code GRD
Mthd Phase Diff. H.pr 0.032 V.pr 0.055

GPSQC1 NM Min SVs 8 PDOP max 1.0
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 502835.0 End wk 1072 sec 502839.0

GPSVEC TP Point ID 3231 DX -5663.222 DY -3349.720
Class Normal DZ -8010.371 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.047

GPSQC1 NM Min SVs 8 PDOP max 1.0
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 502862.0 End wk 1072 sec 502866.0

GPSVEC TP Point ID 3232 DX -5658.482 DY -3356.127
Class Normal DZ -8009.170 Code GRD
Mthd Phase Diff. H.pr 0.029 V.pr 0.051

GPSQC1 NM Min SVs 8 PDOP max 1.2
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 502910.0 End wk 1072 sec 502912.0

GPSVEC TP Point ID 3233 DX -5651.227 DY -3358.888
Class Normal DZ -8010.013 Code GRD
Mthd Phase Diff. H.pr 0.028 V.pr 0.049

GPSQC1 NM Min SVs 8 PDOP max 1.0
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 502930.0 End wk 1072 sec 502934.0

GPSVEC TP Point ID 3234 DX -5638.742 DY -3365.251
Class Normal DZ -8011.205 Code GRD
Mthd Phase Diff. H.pr 0.031 V.pr 0.054

GPSQC1 NM Min SVs 8 PDOP max 1.0
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 502964.0 End wk 1072 sec 502968.0

GPSVEC TP Point ID 3235 DX -5625.691 DY -3371.526
Class Normal DZ -8012.818 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.038

GPSQC1 NM Min SVs 8 PDOP max 1.0
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 502985.0 End wk 1072 sec 502989.0

GPSVEC TP Point ID 3236 DX -5614.243 DY -3376.529
Class Normal DZ -8014.126 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.039

GPSQC1 NM Min SVs 8 PDOP max 1.1
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 503007.0 End wk 1072 sec 503009.0

GPSVEC TP Point ID 3237 DX -5603.577 DY -3380.571
Class Normal DZ -8016.129 Code GRD
Mthd Phase Diff. H.pr 0.018 V.pr 0.031

GPSQC1 NM Min SVs 8 PDOP max 1.1
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 503025.0 End wk 1072 sec 503028.0

GPSVEC TP Point ID 3238 DX -5586.085 DY -3389.245
Class Normal DZ -8018.079 Code GRD
Mthd Phase Diff. H.pr 0.037 V.pr 0.064

GPSQC1 NM Min SVs 8 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 503058.0 End wk 1072 sec 503062.0

GPSVEC TP Point ID 3239 DX -5577.625 DY -3395.944
Class Normal DZ -8017.503 Code GRD
Mthd Phase Diff. H.pr 0.020 V.pr 0.034

GPSQC1 NM Min SVs 8 PDOP max 1.2
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 503081.0 End wk 1072 sec 503083.0

GPSVEC TP Point ID 3240 DX -5567.298 DY -3401.827
Class Normal DZ -8018.009 Code GRD
Mthd Phase Diff. H.pr 0.030 V.pr 0.051

GPSQC1 NM Min SVs 8 PDOP max 0.9
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 503110.0 End wk 1072 sec 503115.0

GPSVEC TP Point ID 3241 DX -5554.853 DY -3408.977
Class Normal DZ -8018.807 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.045

GPSQC1 NM Min SVs 8 PDOP max 1.0
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 503136.0 End wk 1072 sec 503140.0

GPSVEC TP Point ID 3242 DX -5543.931 DY -3414.182
Class Normal DZ -8020.818 Code GRD
Mthd Phase Diff. H.pr 0.030 V.pr 0.051

```
GPSQC1  NM  Min SVs      8              PDOP max  0.9
        Total GPS pos  6              HDOP max  0.4
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 503163.0       End wk 1072   sec 503168.0

GPSVEC  TP  Point ID 3243       DX  -5540.289       DY  -3415.205
        Class Normal        DZ  -8021.804       Code GRD
        Mthd Phase Diff.    H.pr 0.025          V.pr 0.043

GPSQC1  NM  Min SVs      8              PDOP max  1.2
        Total GPS pos  3              HDOP max  0.6
        Monitor status Yes            VDOP max  1.0
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 503206.0       End wk 1072   sec 503208.0

GPSVEC  TP  Point ID 3244       DX  -5531.443       DY  -3418.767
        Class Normal        DZ  -8022.485       Code GRD
        Mthd Phase Diff.    H.pr 0.030          V.pr 0.051

GPSQC1  NM  Min SVs      8              PDOP max  1.0
        Total GPS pos  4              HDOP max  0.5
        Monitor status Yes            VDOP max  0.9
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 503232.0       End wk 1072   sec 503235.0

GPSVEC  TP  Point ID 3245       DX  -5524.641       DY  -3422.546
        Class Normal        DZ  -8023.112       Code GRD
        Mthd Phase Diff.    H.pr 0.029          V.pr 0.050

GPSQC1  NM  Min SVs      8              PDOP max  1.0
        Total GPS pos  5              HDOP max  0.5
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 503252.0       End wk 1072   sec 503256.0

GPSVEC  TP  Point ID 3246       DX  -5517.090       DY  -3427.362
        Class Normal        DZ  -8023.080       Code GRD
        Mthd Phase Diff.    H.pr 0.037          V.pr 0.063

GPSQC1  NM  Min SVs      8              PDOP max  1.2
        Total GPS pos  3              HDOP max  0.6
        Monitor status Yes            VDOP max  1.0
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 503276.0       End wk 1072   sec 503278.0
```

GPSVEC TP Point ID 3247 DX -5510.689 DY -3428.397
Class Normal DZ -8024.537 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.039

GPSQC1 NM Min SVs 8 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 503327.0 End wk 1072 sec 503330.0

GPSVEC TP Point ID 3248 DX -5498.953 DY -3434.293
Class Normal DZ -8027.110 Code GRD
Mthd Phase Diff. H.pr 0.028 V.pr 0.048

GPSQC1 NM Min SVs 8 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 503346.0 End wk 1072 sec 503349.0

GPSVEC TP Point ID 3249 DX -5490.198 DY -3438.951
Class Normal DZ -8027.052 Code GRD
Mthd Phase Diff. H.pr 0.032 V.pr 0.054

GPSQC1 NM Min SVs 8 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 503365.0 End wk 1072 sec 503368.0

GPSVEC TP Point ID 3250 DX -5477.161 DY -3444.404
Class Normal DZ -8029.237 Code GRD
Mthd Phase Diff. H.pr 0.032 V.pr 0.053

GPSQC1 NM Min SVs 8 PDOP max 1.1
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 503391.0 End wk 1072 sec 503393.0

GPSVEC TP Point ID 3251 DX -5471.352 DY -3442.585
Class Normal DZ -8032.549 Code GRD
Mthd Phase Diff. H.pr 0.030 V.pr 0.050

```
GPSQC1  NM  Min SVs      8              PDOP max  0.9
        Total GPS pos  5              HDOP max  0.5
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 503458.0       End wk 1072   sec 503462.0

GPSVEC  TP  Point ID 3252       DX  -5461.434       DY  -3447.931
        Class Normal        DZ  -8033.120       Code GRD
        Mthd Phase Diff.    H.pr 0.027          V.pr 0.045

GPSQC1  NM  Min SVs      8              PDOP max  0.9
        Total GPS pos  6              HDOP max  0.4
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 503478.0       End wk 1072   sec 503483.0

GPSVEC  TP  Point ID 3253       DX  -5456.689       DY  -3455.438
        Class Normal        DZ  -8031.020       Code GRD
        Mthd Phase Diff.    H.pr 0.027          V.pr 0.045

GPSQC1  NM  Min SVs      8              PDOP max  0.7
        Total GPS pos  9              HDOP max  0.4
        Monitor status Yes            VDOP max  0.6
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 503511.0       End wk 1072   sec 503520.0

INIT    KI  Init event    Lost            Week        1072
        Init type     On the fly        seconds     503549.0
        Init counter  8                 Point ID    <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

NOTE    TS  Time Date 07/28/2000 Time 20:23:12

INIT    KI  Init event    Gained          Week        1072
        Init type     On the fly        seconds     505405.0
        Init counter  9                 Point ID    <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

INIT    KI  Init event    Lost            Week        1072
        Init type     On the fly        seconds     505429.0
        Init counter  9                 Point ID    <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>
```

```
SURVEY  KI  Elev mask 10                PDOP mask 6.0

EQUIP   NM  Receiver  4800              Serial no 20152374
        Antenna   4800 Internal
        Method    Measured to bottom of antenna mount
        Tape adj  0.000               Serial no <no text>
        Radius    0.000               V.Const   0.511

SURVEY EVENTKISurvey event Rover survey started

NOTE    TS  Time Date 07/28/2000 Time 20:26:01

GPSANT  KI  Antenna ht 5.082            Measuremt True

GPSREF  KI  Reference BAS3

INIT    KI  Init event    Gained        Week        1072
        Init type     On the fly      seconds     505602.0
        Init counter  1               Point ID    <no text>
        Survey type   Real Time       Plate H. Dist <null>
        Plate V. Dist <null>          Plate azimuth <null>

EQUIP   NM  Receiver  4800              Serial no 20152374
        Antenna   4800 Internal
        Method    Measured to bottom of antenna mount
        Tape adj  0.000               Serial no <no text>
        Radius    0.000               V.Const   0.511

GPSANT  KI  Antenna ht 5.906            Measuremt Uncorrected

GPSVEC  TP  Point ID 3254       DX  -4982.162       DY  -3140.467
        Class Del normal    DZ  -7319.093       Code SG 205+00E
        Mthd Phase Diff.    H.pr 0.029          V.pr 0.029

GPSQC1  NM  Min SVs       6             PDOP max  1.1
        Total GPS pos  5              HDOP max  0.8
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000          Vert SD   0.000
        Start wk 1072 sec 505837.0      End wk 1072   sec 505841.0

NOTE    TS  Item deleted Date 07/28/2000 Time 20:30:50

GPSVEC  TP  Point ID 250        DX  -4982.143       DY  -3140.482
        Class Normal        DZ  -7319.069       Code SG 205+00E
        Mthd Phase Diff.    H.pr 0.043          V.pr 0.044
```

```
GPSQC1  NM  Min SVs      6              PDOP max  1.1
        Total GPS pos  5              HDOP max  0.8
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 505879.0       End wk 1072   sec 505883.0

INIT    KI  Init event    Lost            Week        1072
        Init type     On the fly        seconds      505904.0
        Init counter  1                 Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

INIT    KI  Init event    Gained          Week        1072
        Init type     On the fly        seconds      505971.0
        Init counter  2                 Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

GPSVEC  TP  Point ID 251        DX  -4982.133        DY  -3140.498
        Class Normal        DZ  -7319.092        Code SG 205+00E
        Mthd Phase Diff.    H.pr 0.043           V.pr 0.043

GPSQC1  NM  Min SVs      6              PDOP max  1.1
        Total GPS pos  5              HDOP max  0.8
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 505994.0       End wk 1072   sec 505998.0

INIT    KI  Init event    Lost            Week        1072
        Init type     On the fly        seconds      506053.0
        Init counter  2                 Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

INIT    KI  Init event    Gained          Week        1072
        Init type     On the fly        seconds      506381.0
        Init counter  3                 Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

GPSVEC  TP  Point ID 252        DX  -5261.123        DY  -2968.742
        Class Normal        DZ  -7239.097        Code SG 205+00W
        Mthd Phase Diff.    H.pr 0.045           V.pr 0.041
```

```
GPSQC1  NM  Min SVs      6              PDOP max  1.0
        Total GPS pos  5              HDOP max  0.8
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 506512.0      End wk 1072   sec 506516.0

INIT    KI  Init event    Lost            Week        1072
        Init type     On the fly        seconds      506521.0
        Init counter  3                 Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

INIT    KI  Init event    Gained          Week        1072
        Init type     On the fly        seconds      506550.0
        Init counter  4                 Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

GPSVEC  TP  Point ID 253       DX  -5261.092       DY  -2968.754
        Class Normal        DZ  -7239.115       Code SG 205+00W
        Mthd Phase Diff.    H.pr 0.038          V.pr 0.039

GPSQC1  NM  Min SVs      7              PDOP max  0.8
        Total GPS pos  7              HDOP max  0.6
        Monitor status Yes            VDOP max  0.6
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 506555.0      End wk 1072   sec 506561.0

NOTE    KI  LINE. Name: 9, Code: , Method: Two points, Start pt: 252,

NOTE    KI  End pt: 251, Azimuth: 106.748°, Length: 337.201ft,

NOTE    KI  Grade: 0.014°

GPSVEC  TP  Point ID 3254      DX  -5256.585       DY  -2967.418
        Class Normal        DZ  -7242.061       Code TOE LEVEE
        Mthd Phase Diff.    H.pr 0.039          V.pr 0.039

GPSQC1  NM  Min SVs      7              PDOP max  0.8
        Total GPS pos  6              HDOP max  0.6
        Monitor status Yes            VDOP max  0.6
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 506665.0      End wk 1072   sec 506671.0
```

GPSVEC TP Point ID 3255 DX -5249.276 DY -2970.806
Class Normal DZ -7244.670 Code GRD
Mthd Phase Diff. H.pr 0.034 V.pr 0.040

GPSQC1 NM Min SVs 8 PDOP max 0.8
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 506685.0 End wk 1072 sec 506688.0

GPSVEC TP Point ID 3256 DX -5235.341 DY -2979.662
Class Normal DZ -7248.172 Code GRD
Mthd Phase Diff. H.pr 0.042 V.pr 0.045

GPSQC1 NM Min SVs 7 PDOP max 0.7
Total GPS pos 5 HDOP max 0.4
Monitor status Yes VDOP max 0.5
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 506703.0 End wk 1072 sec 506709.0

GPSVEC TP Point ID 3257 DX -5224.191 DY -2987.202
Class Normal DZ -7251.718 Code GRD
Mthd Phase Diff. H.pr 0.040 V.pr 0.047

GPSQC1 NM Min SVs 8 PDOP max 0.8
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 506732.0 End wk 1072 sec 506735.0

GPSVEC TP Point ID 3258 DX -5208.803 DY -2996.219
Class Normal DZ -7256.497 Code GRD
Mthd Phase Diff. H.pr 0.041 V.pr 0.050

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 506759.0 End wk 1072 sec 506762.0

GPSVEC TP Point ID 3259 DX -5194.505 DY -3005.168
Class Normal DZ -7260.145 Code GRD
Mthd Phase Diff. H.pr 0.029 V.pr 0.041

```
GPSQC1  NM  Min SVs      7              PDOP max  1.0
        Total GPS pos  5              HDOP max  0.6
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 506779.0       End wk 1072   sec 506783.0

GPSVEC  TP  Point ID 3260       DX  -5181.797       DY  -3013.132
        Class Normal        DZ  -7263.726       Code GRD
        Mthd Phase Diff.    H.pr 0.027          V.pr 0.038

GPSQC1  NM  Min SVs      7              PDOP max  1.1
        Total GPS pos  4              HDOP max  0.6
        Monitor status Yes            VDOP max  0.9
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 506801.0       End wk 1072   sec 506804.0

GPSVEC  TP  Point ID 3261       DX  -5167.330       DY  -3021.988
        Class Normal        DZ  -7268.009       Code GRD
        Mthd Phase Diff.    H.pr 0.026          V.pr 0.037

GPSQC1  NM  Min SVs      7              PDOP max  0.8
        Total GPS pos  7              HDOP max  0.5
        Monitor status Yes            VDOP max  0.6
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 506819.0       End wk 1072   sec 506826.0

GPSVEC  TP  Point ID 3262       DX  -5151.787       DY  -3031.811
        Class Normal        DZ  -7272.567       Code GRD
        Mthd Phase Diff.    H.pr 0.038          V.pr 0.054

GPSQC1  NM  Min SVs      7              PDOP max  1.1
        Total GPS pos  4              HDOP max  0.6
        Monitor status Yes            VDOP max  0.9
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 506848.0       End wk 1072   sec 506851.0

GPSVEC  TP  Point ID 3263       DX  -5137.719       DY  -3040.252
        Class Normal        DZ  -7276.587       Code GRD
        Mthd Phase Diff.    H.pr 0.027          V.pr 0.038

GPSQC1  NM  Min SVs      7              PDOP max  1.2
        Total GPS pos  3              HDOP max  0.7
        Monitor status Yes            VDOP max  1.0
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 506872.0       End wk 1072   sec 506874.0
```

GPSVEC TP Point ID 3264 DX -5126.630 DY -3046.850
Class Normal DZ -7279.840 Code GRD
Mthd Phase Diff. H.pr 0.031 V.pr 0.043

GPSQC1 NM Min SVs 7 PDOP max 1.2
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 506896.0 End wk 1072 sec 506898.0

GPSVEC TP Point ID 3265 DX -5113.919 DY -3054.563
Class Normal DZ -7283.444 Code GRD
Mthd Phase Diff. H.pr 0.030 V.pr 0.042

GPSQC1 NM Min SVs 7 PDOP max 1.2
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 506922.0 End wk 1072 sec 506924.0

GPSVEC TP Point ID 3266 DX -5111.098 DY -3056.131
Class Normal DZ -7284.722 Code GRD
Mthd Phase Diff. H.pr 0.037 V.pr 0.051

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 506934.0 End wk 1072 sec 506937.0

GPSVEC TP Point ID 3267 DX -5098.003 DY -3064.587
Class Normal DZ -7288.133 Code GRD
Mthd Phase Diff. H.pr 0.043 V.pr 0.060

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 506954.0 End wk 1072 sec 506958.0

GPSVEC TP Point ID 3268 DX -5085.959 DY -3072.042
Class Normal DZ -7291.618 Code GRD
Mthd Phase Diff. H.pr 0.039 V.pr 0.052

```
GPSQC1  NM  Min SVs      7              PDOP max  0.9
        Total GPS pos  5              HDOP max  0.6
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 506974.0      End wk 1072   sec 506979.0

GPSVEC  TP  Point ID 3269      DX  -5071.849       DY  -3080.644
        Class Normal        DZ  -7295.798       Code GRD
        Mthd Phase Diff.    H.pr 0.034          V.pr 0.048

GPSQC1  NM  Min SVs      7              PDOP max  1.1
        Total GPS pos  4              HDOP max  0.6
        Monitor status Yes            VDOP max  0.9
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 506998.0      End wk 1072   sec 507001.0

GPSVEC  TP  Point ID 3270      DX  -5064.450       DY  -3085.116
        Class Normal        DZ  -7297.665       Code GRD
        Mthd Phase Diff.    H.pr 0.039          V.pr 0.054

GPSQC1  NM  Min SVs      7              PDOP max  1.2
        Total GPS pos  3              HDOP max  0.7
        Monitor status Yes            VDOP max  1.0
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 507012.0      End wk 1072   sec 507014.0

GPSVEC  TP  Point ID 3271      DX  -5061.223       DY  -3087.881
        Class Normal        DZ  -7298.348       Code GRD
        Mthd Phase Diff.    H.pr 0.028          V.pr 0.039

GPSQC1  NM  Min SVs      7              PDOP max  1.1
        Total GPS pos  4              HDOP max  0.6
        Monitor status Yes            VDOP max  0.9
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 507026.0      End wk 1072   sec 507029.0

GPSVEC  TP  Point ID 3272      DX  -5046.255       DY  -3100.445
        Class Normal        DZ  -7308.153       Code GRD
        Mthd Phase Diff.    H.pr 0.043          V.pr 0.059

GPSQC1  NM  Min SVs      7              PDOP max  0.8
        Total GPS pos  9              HDOP max  0.5
        Monitor status Yes            VDOP max  0.6
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 507049.0      End wk 1072   sec 507057.0
```

```
INIT   KI  Init event   Lost          Week        1072
        Init type    On the fly      seconds     507077.0
        Init counter  4              Point ID    <no text>
        Survey type   Real Time        Plate H. Dist <null>
        Plate V. Dist <null>          Plate azimuth <null>

INIT   KI  Init event   Gained        Week        1072
        Init type    On the fly      seconds     507156.0
        Init counter  5              Point ID    <no text>
        Survey type   Real Time        Plate H. Dist <null>
        Plate V. Dist <null>          Plate azimuth <null>

GPSVEC  TP  Point ID 3273      DX  -5035.496      DY  -3102.054
        Class Normal       DZ  -7306.171      Code GRD
        Mthd Phase Diff.    H.pr 0.035         V.pr 0.049

GPSQC1  NM  Min SVs      7            PDOP max  1.1
        Total GPS pos  4            HDOP max  0.6
        Monitor status Yes          VDOP max  0.9
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1072 sec 507186.0      End wk 1072   sec 507189.0

NOTE   TS  Time Date 07/28/2000 Time 20:53:24

GPSVEC  TP  Point ID 3274      DX  -5025.546      DY  -3109.054
        Class Normal       DZ  -7309.402      Code GRD
        Mthd Phase Diff.    H.pr 0.023         V.pr 0.032

GPSQC1  NM  Min SVs      7            PDOP max  1.0
        Total GPS pos  4            HDOP max  0.6
        Monitor status Yes          VDOP max  0.9
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1072 sec 507211.0      End wk 1072   sec 507214.0

GPSVEC  TP  Point ID 3275      DX  -5012.989      DY  -3116.404
        Class Normal       DZ  -7312.707      Code GRD
        Mthd Phase Diff.    H.pr 0.028         V.pr 0.039

GPSQC1  NM  Min SVs      7            PDOP max  1.0
        Total GPS pos  4            HDOP max  0.6
        Monitor status Yes          VDOP max  0.9
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1072 sec 507238.0      End wk 1072   sec 507241.0
```

```
GPSVEC  TP  Point ID 3276      DX  -5006.583      DY  -3120.282
        Class Normal       DZ  -7314.485      Code GRD
        Mthd Phase Diff.   H.pr 0.037          V.pr 0.051

GPSQC1  NM  Min SVs      7            PDOP max  1.0
        Total GPS pos  4            HDOP max  0.6
        Monitor status Yes          VDOP max  0.8
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1072 sec 507255.0      End wk 1072   sec 507259.0

GPSVEC  TP  Point ID 3277      DX  -4997.213      DY  -3126.267
        Class Normal       DZ  -7317.192      Code GRD
        Mthd Phase Diff.   H.pr 0.042          V.pr 0.058

GPSQC1  NM  Min SVs      7            PDOP max  1.2
        Total GPS pos  3            HDOP max  0.7
        Monitor status Yes          VDOP max  0.9
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1072 sec 507279.0      End wk 1072   sec 507281.0

GPSVEC  TP  Point ID 3278      DX  -4984.891      DY  -3134.506
        Class Normal       DZ  -7320.093      Code GRD
        Mthd Phase Diff.   H.pr 0.021          V.pr 0.033

GPSQC1  NM  Min SVs      6            PDOP max  1.6
        Total GPS pos  4            HDOP max  0.9
        Monitor status Yes          VDOP max  1.4
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1072 sec 507299.0      End wk 1072   sec 507303.0

GPSVEC  TP  Point ID 3279      DX  -4983.749      DY  -3135.918
        Class Normal       DZ  -7320.046      Code TOE LEVEE
        Mthd Phase Diff.   H.pr 0.032          V.pr 0.050

GPSQC1  NM  Min SVs      6            PDOP max  1.2
        Total GPS pos  10           HDOP max  0.6
        Monitor status Yes          VDOP max  1.0
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1072 sec 507318.0      End wk 1072   sec 507330.0

INIT    KI  Init event   Lost          Week        1072
        Init type    On the fly      seconds     507339.0
        Init counter  5              Point ID    <no text>
        Survey type   Real Time        Plate H. Dist <null>
        Plate V. Dist <null>         Plate azimuth <null>
```

```
SURVEY  KI  Elev mask 10                PDOP mask 6.0

EQUIP   BA  Receiver  4800               Serial no 20141803
        Antenna   4800 Internal
        Method    Reading from hook using 4800 tape
        Tape adj  0.000                   Serial no <no text>
        Radius    0.358                   V.Const   0.104

SURVEY EVENTKISurvey event Base survey started

NOTE    TS  Time Date 07/29/2000 Time 14:48:42

EQUIP   BA  Receiver  4800               Serial no 20141803
        Antenna   4800 Internal
        Method    Reading from hook using 4800 tape
        Tape adj  0.000                   Serial no <no text>
        Radius    0.358                   V.Const   0.104

GPSANT  KI  Antenna ht 5.000              Measuremt Uncorrected

EQUIP   BA  Receiver  4800               Serial no 20141803
        Antenna   4800 Internal
        Method    Reading from hook using 4800 tape
        Tape adj  0.000                   Serial no <no text>
        Radius    0.358                   V.Const   0.104

GPSANT  KI  Antenna ht 5.000              Measuremt Uncorrected

GPSREF  KI  Reference BAS3

EQUIP   NM  Receiver  4800               Serial no 20152374
        Antenna   4800 Internal
        Method    Measured to bottom of antenna mount
        Tape adj  0.000                   Serial no <no text>
        Radius    0.000                   V.Const   0.511

SURVEY EVENTKISurvey event Rover survey started

NOTE    TS  Time Date 07/29/2000 Time 14:49:31

GPSANT  KI  Antenna ht 5.092              Measuremt True

GPSREF  KI  Reference BAS3
```

```
INIT   KI  Init event   Gained          Week        1072
       Init type    On the fly        seconds      571839.0
       Init counter  1               Point ID     <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>

EQUIP  NM  Receiver  4800                Serial no 20152374
       Antenna   4800 Internal
       Method    Measured to bottom of antenna mount
       Tape adj  0.000               Serial no <no text>
       Radius    0.000               V.Const   0.511

GPSANT  KI  Antenna ht 5.906              Measuremt Uncorrected

INIT   KI  Init event   Lost            Week        1072
       Init type    On the fly        seconds      572018.0
       Init counter  1               Point ID     <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>

NOTE   TS  Time Date 07/29/2000 Time 15:15:32

INIT   KI  Init event   Gained          Week        1072
       Init type    On the fly        seconds      573344.0
       Init counter  2               Point ID     <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>

GPSVEC  TP  Point ID 254        DX  -4358.206        DY  -2786.646
       Class Normal        DZ  -6460.897        Code SG 235+00E
       Mthd Phase Diff.    H.pr 0.022           V.pr 0.031

GPSQC1  NM  Min SVs       6              PDOP max  1.0
       Total GPS pos  8              HDOP max  0.6
       Monitor status Yes            VDOP max  0.8
       Horizontal SD  0.000          Vert SD   0.000
       Start wk 1072 sec 573398.0       End wk 1072   sec 573406.0

INIT   KI  Init event   Lost            Week        1072
       Init type    On the fly        seconds      573411.0
       Init counter  2               Point ID     <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>
```

```
INIT   KI  Init event   Gained          Week        1072
           Init type    On the fly      seconds     573479.0
           Init counter 3               Point ID    <no text>
           Survey type  Real Time        Plate H. Dist <null>
           Plate V. Dist <null>         Plate azimuth <null>

GPSVEC  TP  Point ID 255       DX  -4358.205       DY  -2786.657
           Class Normal       DZ  -6460.911       Code SG 235+00E
           Mthd Phase Diff.    H.pr 0.045          V.pr 0.063

GPSQC1  NM  Min SVs      6              PDOP max  1.2
           Total GPS pos  6             HDOP max  0.7
           Monitor status Yes           VDOP max  1.0
           Horizontal SD  0.000          Vert SD   0.000
           Start wk 1072 sec 573490.0      End wk 1072   sec 573495.0

NOTE   KI  LINE. Name: 10, Code: , Method: Two points, Start pt: 254,

NOTE   KI  End pt: 134, Azimuth: 144.389°, Length: 19.943ft,

NOTE   KI  Grade: 41.358°

GPSVEC  TP  Point ID 3280      DX  -4358.405       DY  -2780.692
           Class Normal       DZ  -6460.300       Code TOE LEVEE
           Mthd Phase Diff.    H.pr 0.032          V.pr 0.047

GPSQC1  NM  Min SVs      5              PDOP max  1.3
           Total GPS pos  5             HDOP max  0.7
           Monitor status Yes           VDOP max  1.0
           Horizontal SD  0.000          Vert SD   0.000
           Start wk 1072 sec 573597.0      End wk 1072   sec 573603.0

GPSVEC  TP  Point ID 3281      DX  -4364.769       DY  -2769.266
           Class Normal       DZ  -6449.113       Code GRD
           Mthd Phase Diff.    H.pr 0.024          V.pr 0.048

GPSQC1  NM  Min SVs      6              PDOP max  1.6
           Total GPS pos  5             HDOP max  0.7
           Monitor status Yes           VDOP max  1.5
           Horizontal SD  0.000          Vert SD   0.000
           Start wk 1072 sec 573627.0      End wk 1072   sec 573631.0

GPSVEC  TP  Point ID 3282      DX  -4372.079       DY  -2756.777
           Class Normal       DZ  -6435.740       Code GRD
           Mthd Phase Diff.    H.pr 0.021          V.pr 0.048
```

```
GPSQC1  NM  Min SVs      7              PDOP max  1.5
        Total GPS pos  5              HDOP max  0.6
        Monitor status Yes            VDOP max  1.4
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 573645.0      End wk 1072   sec 573650.0

GPSVEC  TP  Point ID 3283      DX  -4379.722       DY  -2744.210
        Class Normal        DZ  -6422.078       Code GRD
        Mthd Phase Diff.    H.pr 0.016          V.pr 0.037

GPSQC1  NM  Min SVs      7              PDOP max  1.4
        Total GPS pos  7              HDOP max  0.5
        Monitor status Yes            VDOP max  1.3
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 573665.0      End wk 1072   sec 573671.0

GPSVEC  TP  Point ID 3284      DX  -4386.935       DY  -2731.702
        Class Normal        DZ  -6408.915       Code GRD
        Mthd Phase Diff.    H.pr 0.017          V.pr 0.039

GPSQC1  NM  Min SVs      7              PDOP max  1.4
        Total GPS pos  6              HDOP max  0.5
        Monitor status Yes            VDOP max  1.3
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 573686.0      End wk 1072   sec 573691.0

GPSVEC  TP  Point ID 3285      DX  -4394.119       DY  -2719.185
        Class Normal        DZ  -6395.827       Code GRD
        Mthd Phase Diff.    H.pr 0.016          V.pr 0.037

GPSQC1  NM  Min SVs      7              PDOP max  1.6
        Total GPS pos  5              HDOP max  0.6
        Monitor status Yes            VDOP max  1.5
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 573706.0      End wk 1072   sec 573710.0

GPSVEC  TP  Point ID 3286      DX  -4401.131       DY  -2707.000
        Class Normal        DZ  -6382.812       Code GRD
        Mthd Phase Diff.    H.pr 0.025          V.pr 0.058

GPSQC1  NM  Min SVs      7              PDOP max  1.2
        Total GPS pos  9              HDOP max  0.5
        Monitor status Yes            VDOP max  1.1
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 573726.0      End wk 1072   sec 573734.0
```

GPSVEC TP Point ID 3287 DX -4407.867 DY -2695.787
Class Normal DZ -6370.161 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.062

GPSQC1 NM Min SVs 7 PDOP max 1.3
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 573751.0 End wk 1072 sec 573758.0

GPSVEC TP Point ID 3288 DX -4415.809 DY -2683.256
Class Normal DZ -6356.116 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.048

GPSQC1 NM Min SVs 7 PDOP max 1.5
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 573779.0 End wk 1072 sec 573784.0

GPSVEC TP Point ID 3289 DX -4419.713 DY -2676.125
Class Normal DZ -6349.138 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.054

GPSQC1 NM Min SVs 7 PDOP max 1.5
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 573799.0 End wk 1072 sec 573803.0

GPSVEC TP Point ID 3290 DX -4424.601 DY -2668.467
Class Normal DZ -6340.465 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.061

GPSQC1 NM Min SVs 7 PDOP max 1.2
Total GPS pos 8 HDOP max 0.5
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 573815.0 End wk 1072 sec 573823.0

GPSVEC TP Point ID 3291 DX -4431.189 DY -2656.122
Class Normal DZ -6328.192 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.058

```
GPSQC1  NM  Min SVs      7              PDOP max  1.3
        Total GPS pos  8              HDOP max  0.5
        Monitor status Yes            VDOP max  1.2
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 573841.0       End wk 1072   sec 573848.0

GPSVEC  TP  Point ID 3292      DX  -4438.005       DY  -2643.486
        Class Normal        DZ  -6314.942       Code GRD
        Mthd Phase Diff.    H.pr 0.023          V.pr 0.054

GPSQC1  NM  Min SVs      7              PDOP max  1.7
        Total GPS pos  4              HDOP max  0.7
        Monitor status Yes            VDOP max  1.6
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 573866.0       End wk 1072   sec 573869.0

GPSVEC  TP  Point ID 3293      DX  -4445.830       DY  -2630.841
        Class Normal        DZ  -6301.307       Code GRD
        Mthd Phase Diff.    H.pr 0.021          V.pr 0.049

GPSQC1  NM  Min SVs      7              PDOP max  1.3
        Total GPS pos  8              HDOP max  0.5
        Monitor status Yes            VDOP max  1.2
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 573887.0       End wk 1072   sec 573894.0

GPSVEC  TP  Point ID 3294      DX  -4447.876       DY  -2626.687
        Class Normal        DZ  -6297.090       Code GRD
        Mthd Phase Diff.    H.pr 0.022          V.pr 0.051

GPSQC1  NM  Min SVs      7              PDOP max  1.6
        Total GPS pos  5              HDOP max  0.6
        Monitor status Yes            VDOP max  1.4
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 573914.0       End wk 1072   sec 573918.0

GPSVEC  TP  Point ID 3295      DX  -4451.129       DY  -2622.740
        Class Normal        DZ  -6291.760       Code GRD
        Mthd Phase Diff.    H.pr 0.023          V.pr 0.053

GPSQC1  NM  Min SVs      7              PDOP max  1.3
        Total GPS pos  6              HDOP max  0.5
        Monitor status Yes            VDOP max  1.2
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 573932.0       End wk 1072   sec 573938.0
```

GPSVEC TP Point ID 3296 DX -4455.544 DY -2613.998
Class Normal DZ -6283.310 Code GRD
Mthd Phase Diff. H.pr 0.019 V.pr 0.043

GPSQC1 NM Min SVs 7 PDOP max 1.4
Total GPS pos 6 HDOP max 0.6
Monitor status Yes VDOP max 1.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 573967.0 End wk 1072 sec 573972.0

GPSVEC TP Point ID 3297 DX -4461.594 DY -2603.547
Class Normal DZ -6272.769 Code GRD
Mthd Phase Diff. H.pr 0.020 V.pr 0.046

GPSQC1 NM Min SVs 7 PDOP max 1.3
Total GPS pos 8 HDOP max 0.5
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 573987.0 End wk 1072 sec 573994.0

GPSVEC TP Point ID 3298 DX -4467.914 DY -2592.261
Class Normal DZ -6260.577 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.055

GPSQC1 NM Min SVs 7 PDOP max 1.3
Total GPS pos 8 HDOP max 0.5
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 574025.0 End wk 1072 sec 574032.0

GPSVEC TP Point ID 256 DX -4726.743 DY -2602.638
Class Normal DZ -6415.946 Code SG 235+00W
Mthd Phase Diff. H.pr 0.021 V.pr 0.048

GPSQC1 NM Min SVs 7 PDOP max 1.2
Total GPS pos 7 HDOP max 0.5
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 574192.0 End wk 1072 sec 574199.0

INIT KI Init event Lost Week 1072
Init type On the fly seconds 574205.0
Init counter 3 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

```
INIT   KI  Init event   Gained          Week        1072
       Init type    On the fly       seconds      574292.0
       Init counter  4              Point ID     <no text>
       Survey type   Real Time        Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>

GPSVEC  TP  Point ID 257       DX  -4726.750       DY  -2602.563
       Class Normal       DZ  -6415.960       Code SG 235+00W
       Mthd Phase Diff.    H.pr 0.019          V.pr 0.041

GPSQC1  NM  Min SVs       7              PDOP max  1.1
       Total GPS pos  9              HDOP max  0.5
       Monitor status Yes            VDOP max  1.0
       Horizontal SD  0.000           Vert SD   0.000
       Start wk 1072 sec 574300.0       End wk 1072   sec 574308.0

INIT   KI  Init event   Lost          Week        1072
       Init type    On the fly       seconds      574325.0
       Init counter  4              Point ID     <no text>
       Survey type   Real Time        Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>

INIT   KI  Init event   Gained          Week        1072
       Init type    On the fly       seconds      574372.0
       Init counter  5              Point ID     <no text>
       Survey type   Real Time        Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>

GPSVEC  TP  Point ID 258       DX  -4726.750       DY  -2602.619
       Class Normal       DZ  -6415.941       Code SG 235+00W
       Mthd Phase Diff.    H.pr 0.024          V.pr 0.052

GPSQC1  NM  Min SVs       7              PDOP max  1.1
       Total GPS pos  8              HDOP max  0.5
       Monitor status Yes            VDOP max  1.0
       Horizontal SD  0.000           Vert SD   0.000
       Start wk 1072 sec 574404.0       End wk 1072   sec 574411.0

NOTE   KI  LINE. Name: 11, Code: , Method: Two points, Start pt: 256,

NOTE   KI  End pt: 174, Azimuth: 309.234°, Length: 20.980ft,

NOTE   KI  Grade: 41.810°
```

GPSVEC TP Point ID 3299 DX -4723.185 DY -2602.152
Class Normal DZ -6420.443 Code TOE LEVEE
Mthd Phase Diff. H.pr 0.024 V.pr 0.052

GPSQC1 NM Min SVs 7 PDOP max 1.2
Total GPS pos 7 HDOP max 0.5
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 574496.0 End wk 1072 sec 574502.0

GPSVEC TP Point ID 3300 DX -4720.944 DY -2603.303
Class Normal DZ -6422.258 Code GRD
Mthd Phase Diff. H.pr 0.030 V.pr 0.064

GPSQC1 NM Min SVs 7 PDOP max 1.4
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 574520.0 End wk 1072 sec 574524.0

GPSVEC TP Point ID 3301 DX -4715.050 DY -2610.066
Class Normal DZ -6427.477 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.050

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 7 HDOP max 0.4
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 574553.0 End wk 1072 sec 574562.0

GPSVEC TP Point ID 3302 DX -4713.204 DY -2611.341
Class Normal DZ -6429.411 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.049

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 9 HDOP max 0.4
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 574573.0 End wk 1072 sec 574581.0

GPSVEC TP Point ID 3303 DX -4708.577 DY -2616.305
Class Normal DZ -6433.430 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.056

```
GPSQC1  NM  Min SVs      7              PDOP max  1.0
        Total GPS pos  9              HDOP max  0.4
        Monitor status Yes            VDOP max  0.9
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 574598.0       End wk 1072   sec 574609.0

GPSVEC  TP  Point ID 3304      DX  -4697.674       DY  -2627.943
        Class Normal        DZ  -6442.998       Code GRD
        Mthd Phase Diff.    H.pr 0.024          V.pr 0.050

GPSQC1  NM  Min SVs      7              PDOP max  1.2
        Total GPS pos  6              HDOP max  0.5
        Monitor status Yes            VDOP max  1.1
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 574627.0       End wk 1072   sec 574632.0

GPSVEC  TP  Point ID 3305      DX  -4692.864       DY  -2633.515
        Class Normal        DZ  -6447.116       Code GRD
        Mthd Phase Diff.    H.pr 0.028          V.pr 0.059

GPSQC1  NM  Min SVs      7              PDOP max  0.8
        Total GPS pos  17             HDOP max  0.3
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 574652.0       End wk 1072   sec 574670.0

GPSVEC  TP  Point ID 3306      DX  -4684.565       DY  -2641.699
        Class Normal        DZ  -6454.824       Code GRD
        Mthd Phase Diff.    H.pr 0.018          V.pr 0.037

GPSQC1  NM  Min SVs      7              PDOP max  1.1
        Total GPS pos  7              HDOP max  0.5
        Monitor status Yes            VDOP max  0.9
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 574693.0       End wk 1072   sec 574702.0

GPSVEC  TP  Point ID 3307      DX  -4682.634       DY  -2644.354
        Class Normal        DZ  -6456.389       Code GRD
        Mthd Phase Diff.    H.pr 0.024          V.pr 0.050

GPSQC1  NM  Min SVs      7              PDOP max  1.3
        Total GPS pos  4              HDOP max  0.6
        Monitor status Yes            VDOP max  1.2
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 574719.0       End wk 1072   sec 574722.0
```

GPSVEC TP Point ID 3308 DX -4679.715 DY -2646.417
Class Normal DZ -6459.059 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.056

GPSQC1 NM Min SVs 7 PDOP max 1.3
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 574732.0 End wk 1072 sec 574736.0

GPSVEC TP Point ID 3309 DX -4669.958 DY -2656.490
Class Normal DZ -6467.818 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.043

GPSQC1 NM Min SVs 7 PDOP max 1.2
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 574749.0 End wk 1072 sec 574755.0

GPSVEC TP Point ID 3310 DX -4665.523 DY -2661.755
Class Normal DZ -6472.114 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.046

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 12 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 574768.0 End wk 1072 sec 574789.0

GPSVEC TP Point ID 3311 DX -4663.245 DY -2664.753
Class Normal DZ -6473.532 Code GRD
Mthd Phase Diff. H.pr 0.029 V.pr 0.058

GPSQC1 NM Min SVs 7 PDOP max 1.2
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 574807.0 End wk 1072 sec 574811.0

GPSVEC TP Point ID 3312 DX -4655.304 DY -2672.114
Class Normal DZ -6480.989 Code GRD
Mthd Phase Diff. H.pr 0.031 V.pr 0.063

```
GPSQC1  NM  Min SVs      7              PDOP max  1.1
        Total GPS pos  6              HDOP max  0.5
        Monitor status Yes            VDOP max  1.0
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 574827.0      End wk 1072   sec 574833.0

GPSVEC  TP  Point ID 3313      DX  -4643.213       DY  -2685.127
        Class Normal        DZ  -6491.998       Code GRD
        Mthd Phase Diff.    H.pr 0.025          V.pr 0.049

GPSQC1  NM  Min SVs      7              PDOP max  1.0
        Total GPS pos  9              HDOP max  0.4
        Monitor status Yes            VDOP max  0.9
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 574849.0      End wk 1072   sec 574857.0

GPSVEC  TP  Point ID 3314      DX  -4631.103       DY  -2697.929
        Class Normal        DZ  -6502.953       Code GRD
        Mthd Phase Diff.    H.pr 0.026          V.pr 0.051

GPSQC1  NM  Min SVs      7              PDOP max  1.3
        Total GPS pos  4              HDOP max  0.6
        Monitor status Yes            VDOP max  1.2
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 574877.0      End wk 1072   sec 574881.0

GPSVEC  TP  Point ID 3315      DX  -4619.829       DY  -2709.394
        Class Normal        DZ  -6512.798       Code GRD
        Mthd Phase Diff.    H.pr 0.030          V.pr 0.060

GPSQC1  NM  Min SVs      7              PDOP max  1.2
        Total GPS pos  5              HDOP max  0.5
        Monitor status Yes            VDOP max  1.1
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 574906.0      End wk 1072   sec 574910.0

GPSVEC  TP  Point ID 3316      DX  -4608.978       DY  -2720.962
        Class Normal        DZ  -6522.622       Code GRD
        Mthd Phase Diff.    H.pr 0.023          V.pr 0.045

GPSQC1  NM  Min SVs      7              PDOP max  1.1
        Total GPS pos  5              HDOP max  0.5
        Monitor status Yes            VDOP max  1.0
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 574935.0      End wk 1072   sec 574939.0
```

GPSVEC TP Point ID 3317 DX -4595.920 DY -2734.574
Class Normal DZ -6534.085 Code GRD
Mthd Phase Diff. H.pr 0.019 V.pr 0.044

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 574962.0 End wk 1072 sec 574966.0

GPSVEC TP Point ID 3318 DX -4585.107 DY -2745.833
Class Normal DZ -6543.585 Code GRD
Mthd Phase Diff. H.pr 0.019 V.pr 0.043

GPSQC1 NM Min SVs 6 PDOP max 1.5
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 574994.0 End wk 1072 sec 574997.0

GPSVEC TP Point ID 3319 DX -4571.968 DY -2760.727
Class Normal DZ -6555.633 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.056

GPSQC1 NM Min SVs 6 PDOP max 1.6
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 1.5
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 575041.0 End wk 1072 sec 575043.0

GPSVEC TP Point ID 3320 DX -4565.933 DY -2766.488
Class Normal DZ -6560.758 Code GRD
Mthd Phase Diff. H.pr 0.017 V.pr 0.039

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 575060.0 End wk 1072 sec 575064.0

GPSVEC TP Point ID 3321 DX -4561.007 DY -2772.536
Class Normal DZ -6565.056 Code TOE LEVEE
Mthd Phase Diff. H.pr 0.037 V.pr 0.056

```
GPSQC1  NM  Min SVs      5              PDOP max  1.5
        Total GPS pos  5              HDOP max  0.8
        Monitor status Yes            VDOP max  1.2
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 575087.0      End wk 1072   sec 575091.0

INIT    KI  Init event    Lost            Week        1072
        Init type     On the fly        seconds      575095.0
        Init counter  5                 Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

NOTE    TS  Time Date 07/29/2000 Time 15:51:42

INIT    KI  Init event    Gained          Week        1072
        Init type     On the fly        seconds      575515.0
        Init counter  6                 Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

GPSVEC  TP  Point ID 259        DX  -3615.463        DY  -2637.341
        Class Normal        DZ  -5822.496        Code SG 245+00E
        Mthd Phase Diff.    H.pr 0.030           V.pr 0.040

GPSQC1  NM  Min SVs      5              PDOP max  1.5
        Total GPS pos  4              HDOP max  0.9
        Monitor status Yes            VDOP max  1.2
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 575656.0      End wk 1072   sec 575659.0

INIT    KI  Init event    Lost            Week        1072
        Init type     On the fly        seconds      575665.0
        Init counter  6                 Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

INIT    KI  Init event    Gained          Week        1072
        Init type     On the fly        seconds      575839.0
        Init counter  7                 Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

GPSVEC  TP  Point ID 260        DX  -3615.473        DY  -2637.342
        Class Normal        DZ  -5822.496        Code SG 245+00E
        Mthd Phase Diff.    H.pr 0.020           V.pr 0.038
```

```
GPSQC1  NM  Min SVs      6              PDOP max  1.2
        Total GPS pos  4              HDOP max  0.6
        Monitor status Yes            VDOP max  1.1
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 575850.0       End wk 1072   sec 575853.0

NOTE    KI  LINE. Name: 12, Code: , Method: Two points, Start pt: 260,

NOTE    KI  End pt: 136, Azimuth: 107.527°, Length: 17.966ft,

NOTE    KI  Grade: 40.519°

GPSVEC  TP  Point ID 3322       DX  -3617.286        DY  -2631.985
        Class Normal        DZ  -5823.770        Code TOE LEVEE
        Mthd Phase Diff.    H.pr 0.019           V.pr 0.034

GPSQC1  NM  Min SVs      6              PDOP max  1.3
        Total GPS pos  3              HDOP max  0.6
        Monitor status Yes            VDOP max  1.2
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 575952.0       End wk 1072   sec 575954.0

GPSVEC  TP  Point ID 3323       DX  -3624.772        DY  -2626.761
        Class Normal        DZ  -5821.985        Code GRD
        Mthd Phase Diff.    H.pr 0.020           V.pr 0.037

GPSQC1  NM  Min SVs      6              PDOP max  1.1
        Total GPS pos  5              HDOP max  0.5
        Monitor status Yes            VDOP max  1.0
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 575977.0       End wk 1072   sec 575981.0

GPSVEC  TP  Point ID 3324       DX  -3638.055        DY  -2618.303
        Class Normal        DZ  -5817.973        Code GRD
        Mthd Phase Diff.    H.pr 0.022           V.pr 0.040

GPSQC1  NM  Min SVs      6              PDOP max  1.2
        Total GPS pos  4              HDOP max  0.6
        Monitor status Yes            VDOP max  1.0
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 575997.0       End wk 1072   sec 576000.0

GPSVEC  TP  Point ID 3325       DX  -3647.217        DY  -2612.474
        Class Normal        DZ  -5815.162        Code GRD
        Mthd Phase Diff.    H.pr 0.019           V.pr 0.035
```

```
GPSQC1  NM  Min SVs      6              PDOP max  1.3
        Total GPS pos  3              HDOP max  0.6
        Monitor status Yes            VDOP max  1.2
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 576030.0       End wk 1072   sec 576032.0

GPSVEC  TP  Point ID 3326       DX  -3662.382       DY  -2602.683
        Class Normal        DZ  -5810.643       Code GRD
        Mthd Phase Diff.    H.pr 0.025          V.pr 0.045

GPSQC1  NM  Min SVs      6              PDOP max  1.2
        Total GPS pos  4              HDOP max  0.6
        Monitor status Yes            VDOP max  1.0
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 576050.0       End wk 1072   sec 576053.0

GPSVEC  TP  Point ID 3327       DX  -3678.004       DY  -2592.557
        Class Normal        DZ  -5805.979       Code GRD
        Mthd Phase Diff.    H.pr 0.024          V.pr 0.043

GPSQC1  NM  Min SVs      6              PDOP max  1.2
        Total GPS pos  4              HDOP max  0.6
        Monitor status Yes            VDOP max  1.0
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 576069.0       End wk 1072   sec 576072.0

GPSVEC  TP  Point ID 3328       DX  -3681.455       DY  -2590.845
        Class Normal        DZ  -5804.828       Code GRD
        Mthd Phase Diff.    H.pr 0.018          V.pr 0.032

GPSQC1  NM  Min SVs      6              PDOP max  1.3
        Total GPS pos  3              HDOP max  0.6
        Monitor status Yes            VDOP max  1.1
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 576092.0       End wk 1072   sec 576094.0

GPSVEC  TP  Point ID 3329       DX  -3694.367       DY  -2583.528
        Class Normal        DZ  -5800.823       Code GRD
        Mthd Phase Diff.    H.pr 0.019          V.pr 0.033

GPSQC1  NM  Min SVs      6              PDOP max  1.2
        Total GPS pos  4              HDOP max  0.6
        Monitor status Yes            VDOP max  1.0
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 576112.0       End wk 1072   sec 576115.0
```

GPSVEC TP Point ID 3330 DX -3701.128 DY -2578.546
Class Normal DZ -5798.890 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.047

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 576135.0 End wk 1072 sec 576137.0

GPSVEC TP Point ID 3331 DX -3706.964 DY -2575.407
Class Normal DZ -5796.753 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.037

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 576154.0 End wk 1072 sec 576157.0

GPSVEC TP Point ID 3332 DX -3709.012 DY -2573.970
Class Normal DZ -5796.735 Code GRD
Mthd Phase Diff. H.pr 0.019 V.pr 0.034

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 576168.0 End wk 1072 sec 576171.0

GPSVEC TP Point ID 3333 DX -3711.983 DY -2572.584
Class Normal DZ -5795.436 Code GRD
Mthd Phase Diff. H.pr 0.019 V.pr 0.033

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 576183.0 End wk 1072 sec 576187.0

GPSVEC TP Point ID 3334 DX -3714.185 DY -2570.316
Class Normal DZ -5794.966 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.036

```
GPSQC1  NM  Min SVs      6              PDOP max  1.1
        Total GPS pos  4              HDOP max  0.6
        Monitor status Yes            VDOP max  1.0
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 576204.0       End wk 1072   sec 576207.0

GPSVEC  TP  Point ID 3335      DX  -3729.306       DY  -2561.803
        Class Normal        DZ  -5790.300       Code GRD
        Mthd Phase Diff.    H.pr 0.022          V.pr 0.038

GPSQC1  NM  Min SVs      6              PDOP max  1.1
        Total GPS pos  4              HDOP max  0.6
        Monitor status Yes            VDOP max  1.0
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 576228.0       End wk 1072   sec 576231.0

GPSVEC  TP  Point ID 3336      DX  -3744.857       DY  -2551.139
        Class Normal        DZ  -5785.663       Code GRD
        Mthd Phase Diff.    H.pr 0.032          V.pr 0.055

GPSQC1  NM  Min SVs      6              PDOP max  1.3
        Total GPS pos  3              HDOP max  0.6
        Monitor status Yes            VDOP max  1.1
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 576254.0       End wk 1072   sec 576256.0

GPSVEC  TP  Point ID 3337      DX  -3761.624       DY  -2540.691
        Class Normal        DZ  -5781.019       Code GRD
        Mthd Phase Diff.    H.pr 0.019          V.pr 0.032

GPSQC1  NM  Min SVs      6              PDOP max  1.1
        Total GPS pos  4              HDOP max  0.6
        Monitor status Yes            VDOP max  1.0
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 576280.0       End wk 1072   sec 576283.0

GPSVEC  TP  Point ID 3338      DX  -3777.902       DY  -2530.501
        Class Normal        DZ  -5775.646       Code GRD
        Mthd Phase Diff.    H.pr 0.022          V.pr 0.037

GPSQC1  NM  Min SVs      6              PDOP max  1.1
        Total GPS pos  4              HDOP max  0.6
        Monitor status Yes            VDOP max  1.0
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 576310.0       End wk 1072   sec 576313.0
```

GPSVEC TP Point ID 3339 DX -3780.712 DY -2529.527
Class Normal DZ -5774.496 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.043

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 576328.0 End wk 1072 sec 576331.0

GPSVEC TP Point ID 3340 DX -3785.843 DY -2526.322
Class Normal DZ -5773.050 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.035

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 576344.0 End wk 1072 sec 576347.0

GPSVEC TP Point ID 3341 DX -3789.521 DY -2523.213
Class Normal DZ -5772.561 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.036

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 576363.0 End wk 1072 sec 576366.0

GPSVEC TP Point ID 3342 DX -3796.228 DY -2519.645
Class Normal DZ -5769.990 Code GRD
Mthd Phase Diff. H.pr 0.019 V.pr 0.032

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 576388.0 End wk 1072 sec 576391.0

GPSVEC TP Point ID 3343 DX -3799.924 DY -2516.700
Class Normal DZ -5769.122 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.036

```
GPSQC1  NM  Min SVs      6              PDOP max  1.2
        Total GPS pos  3              HDOP max  0.6
        Monitor status Yes            VDOP max  1.0
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 576405.0      End wk 1072   sec 576407.0

GPSVEC  TP  Point ID 3344      DX  -3808.977       DY  -2511.478
        Class Normal       DZ  -5766.228       Code GRD
        Mthd Phase Diff.    H.pr 0.023          V.pr 0.038

GPSQC1  NM  Min SVs      6              PDOP max  1.1
        Total GPS pos  4              HDOP max  0.6
        Monitor status Yes            VDOP max  0.9
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 576420.0      End wk 1072   sec 576423.0

GPSVEC  TP  Point ID 3345      DX  -3826.152       DY  -2500.302
        Class Normal       DZ  -5761.214       Code GRD
        Mthd Phase Diff.    H.pr 0.023          V.pr 0.038

GPSQC1  NM  Min SVs      6              PDOP max  1.1
        Total GPS pos  4              HDOP max  0.6
        Monitor status Yes            VDOP max  0.9
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 576448.0      End wk 1072   sec 576451.0

GPSVEC  TP  Point ID 3346      DX  -3834.187       DY  -2495.916
        Class Normal       DZ  -5758.638       Code GRD
        Mthd Phase Diff.    H.pr 0.026          V.pr 0.042

GPSQC1  NM  Min SVs      6              PDOP max  1.2
        Total GPS pos  3              HDOP max  0.6
        Monitor status Yes            VDOP max  1.0
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 576466.0      End wk 1072   sec 576468.0

GPSVEC  TP  Point ID 3347      DX  -3841.907       DY  -2491.213
        Class Normal       DZ  -5756.073       Code GRD
        Mthd Phase Diff.    H.pr 0.034          V.pr 0.054

GPSQC1  NM  Min SVs      6              PDOP max  1.1
        Total GPS pos  4              HDOP max  0.6
        Monitor status Yes            VDOP max  0.9
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 576486.0      End wk 1072   sec 576489.0
```

```
GPSVEC  TP  Point ID 3348       DX  -3860.455       DY  -2479.146
        Class Normal        DZ  -5750.781       Code GRD
        Mthd Phase Diff.    H.pr 0.024          V.pr 0.039

GPSQC1  NM  Min SVs     6               PDOP max  1.1
        Total GPS pos  4            HDOP max  0.6
        Monitor status Yes          VDOP max  0.9
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1072 sec 576519.0      End wk 1072   sec 576522.0

GPSVEC  TP  Point ID 261        DX  -3998.942        DY  -2418.610
        Class Normal        DZ  -5736.863       Code SG 245+00W
        Mthd Phase Diff.    H.pr 0.022          V.pr 0.035

GPSQC1  NM  Min SVs     6               PDOP max  0.9
        Total GPS pos  6            HDOP max  0.5
        Monitor status Yes          VDOP max  0.7
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1072 sec 576654.0      End wk 1072   sec 576659.0

INIT    KI  Init event    Lost          Week        1072
        Init type     On the fly      seconds     576672.0
        Init counter  7               Point ID    <no text>
        Survey type   Real Time        Plate H. Dist <null>
        Plate V. Dist <null>          Plate azimuth <null>

INIT    KI  Init event    Gained        Week        1072
        Init type     On the fly      seconds     576711.0
        Init counter  8               Point ID    <no text>
        Survey type   Real Time        Plate H. Dist <null>
        Plate V. Dist <null>          Plate azimuth <null>

GPSVEC  TP  Point ID 262        DX  -3998.931        DY  -2418.647
        Class Normal        DZ  -5736.848       Code SG 245+00W
        Mthd Phase Diff.    H.pr 0.022          V.pr 0.034

GPSQC1  NM  Min SVs     6               PDOP max  0.9
        Total GPS pos  6            HDOP max  0.5
        Monitor status Yes          VDOP max  0.7
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1072 sec 576747.0      End wk 1072   sec 576752.0

NOTE    KI  LINE. Name: 13, Code: , Method: Two points, Start pt: 262,

NOTE    KI  End pt: 178, Azimuth: 283.300°, Length: 19.124ft,
```

NOTE KI Grade: 41.500°

PSVEC TP Point ID 3349 DX -3994.392 DY -2417.366
Class Normal DZ -5739.848 Code TOE LEVEE
Mthd Phase Diff. H.pr 0.027 V.pr 0.040

GPSQC1 NM Min SVs 6 PDOP max 0.9
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 576837.0 End wk 1072 sec 576841.0

GPSVEC TP Point ID 3350 DX -3990.930 DY -2418.574
Class Normal DZ -5740.940 Code GRD
Mthd Phase Diff. H.pr 0.031 V.pr 0.046

GPSQC1 NM Min SVs 6 PDOP max 0.9
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 576853.0 End wk 1072 sec 576858.0

GPSVEC TP Point ID 3351 DX -3981.019 DY -2424.387
Class Normal DZ -5742.934 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.036

GPSQC1 NM Min SVs 6 PDOP max 0.9
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 576870.0 End wk 1072 sec 576874.0

GPSVEC TP Point ID 3352 DX -3970.295 DY -2430.359
Class Normal DZ -5745.371 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.038

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 576893.0 End wk 1072 sec 576895.0

GPSVEC TP Point ID 3353 DX -3960.088 DY -2436.356
Class Normal DZ -5747.514 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.030

GPSQC1 NM Min SVs 6 PDOP max 0.9
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 576916.0 End wk 1072 sec 576920.0

GPSVEC TP Point ID 3354 DX -3945.904 DY -2443.927
Class Normal DZ -5751.062 Code GRD
Mthd Phase Diff. H.pr 0.028 V.pr 0.042

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 4 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 576938.0 End wk 1072 sec 576941.0

GPSVEC TP Point ID 3355 DX -3927.784 DY -2454.506
Class Normal DZ -5754.973 Code GRD
Mthd Phase Diff. H.pr 0.037 V.pr 0.054

GPSQC1 NM Min SVs 7 PDOP max 0.7
Total GPS pos 6 HDOP max 0.4
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 576962.0 End wk 1072 sec 576967.0

GPSVEC TP Point ID 3356 DX -3911.176 DY -2463.813
Class Normal DZ -5758.631 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.040

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 4 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 576985.0 End wk 1072 sec 576988.0

GPSVEC TP Point ID 3357 DX -3894.243 DY -2473.400
Class Normal DZ -5762.321 Code GRD
Mthd Phase Diff. H.pr 0.030 V.pr 0.045

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 577007.0 End wk 1072 sec 577009.0

GPSVEC TP Point ID 3358 DX -3876.973 DY -2483.230
Class Normal DZ -5766.253 Code GRD
Mthd Phase Diff. H.pr 0.028 V.pr 0.041

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 4 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 577028.0 End wk 1072 sec 577031.0

GPSVEC TP Point ID 3359 DX -3861.131 DY -2492.352
Class Normal DZ -5769.718 Code GRD
Mthd Phase Diff. H.pr 0.038 V.pr 0.056

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 577055.0 End wk 1072 sec 577057.0

GPSVEC TP Point ID 3360 DX -3853.569 DY -2497.392
Class Normal DZ -5771.328 Code GRD
Mthd Phase Diff. H.pr 0.031 V.pr 0.045

PSQC1 NM Min SVs 7 PDOP max 0.7
Total GPS pos 5 HDOP max 0.4
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 577076.0 End wk 1072 sec 577080.0

GPSVEC TP Point ID 3361 DX -3839.921 DY -2504.165
Class Normal DZ -5774.377 Code GRD
Mthd Phase Diff. H.pr 0.034 V.pr 0.049

GPSQC1 NM Min SVs 7 PDOP max 0.7
Total GPS pos 5 HDOP max 0.4
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 577098.0 End wk 1072 sec 577102.0

GPSVEC TP Point ID 3362 DX -3826.869 DY -2511.713
Class Normal DZ -5777.388 Code GRD
Mthd Phase Diff. H.pr 0.029 V.pr 0.042

```
GPSQC1  NM  Min SVs      7              PDOP max  0.8
        Total GPS pos  4              HDOP max  0.4
        Monitor status Yes            VDOP max  0.6
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 577154.0      End wk 1072   sec 577157.0

GPSVEC  TP  Point ID 3363      DX  -3809.153       DY  -2521.689
        Class Normal       DZ  -5781.230       Code GRD
        Mthd Phase Diff.    H.pr 0.031          V.pr 0.044

GPSQC1  NM  Min SVs      7              PDOP max  0.7
        Total GPS pos  4              HDOP max  0.4
        Monitor status Yes            VDOP max  0.5
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 577188.0      End wk 1072   sec 577192.0

GPSVEC  TP  Point ID 3364      DX  -3797.541       DY  -2527.840
        Class Normal       DZ  -5783.740       Code GRD
        Mthd Phase Diff.    H.pr 0.026          V.pr 0.038

GPSQC1  NM  Min SVs      7              PDOP max  0.8
        Total GPS pos  4              HDOP max  0.4
        Monitor status Yes            VDOP max  0.6
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 577210.0      End wk 1072   sec 577213.0

GPSVEC  TP  Point ID 3365      DX  -3790.716       DY  -2532.790
        Class Normal       DZ  -5785.138       Code GRD
        Mthd Phase Diff.    H.pr 0.030          V.pr 0.042

GPSQC1  NM  Min SVs      7              PDOP max  0.8
        Total GPS pos  3              HDOP max  0.4
        Monitor status Yes            VDOP max  0.6
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 577230.0      End wk 1072   sec 577233.0

GPSVEC  TP  Point ID 3366      DX  -3782.914       DY  -2536.506
        Class Normal       DZ  -5786.925       Code GRD
        Mthd Phase Diff.    H.pr 0.035          V.pr 0.049

GPSQC1  NM  Min SVs      7              PDOP max  0.8
        Total GPS pos  4              HDOP max  0.4
        Monitor status Yes            VDOP max  0.6
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 577247.0      End wk 1072   sec 577250.0
```

```
GPSVEC  TP  Point ID 3367       DX  -3762.070       DY  -2548.305
        Class Normal        DZ  -5791.604       Code GRD
        Mthd Phase Diff.    H.pr 0.023          V.pr 0.033

GPSQC1  NM  Min SVs     7               PDOP max  0.8
        Total GPS pos  4            HDOP max  0.4
        Monitor status Yes          VDOP max  0.6
        Horizontal SD  0.000        Vert SD   0.000
        Start wk 1072 sec 577277.0      End wk 1072   sec 577280.0

GPSVEC  TP  Point ID 3368       DX  -3741.104       DY  -2560.364
        Class Normal        DZ  -5796.346       Code GRD
        Mthd Phase Diff.    H.pr 0.027          V.pr 0.038

GPSQC1  NM  Min SVs     7               PDOP max  0.8
        Total GPS pos  4            HDOP max  0.4
        Monitor status Yes          VDOP max  0.6
        Horizontal SD  0.000        Vert SD   0.000
        Start wk 1072 sec 577304.0      End wk 1072   sec 577307.0

NOTE    TS  Time Date 07/29/2000 Time 16:22:02

INIT    KI  Init event    Lost          Week        1072
        Init type     On the fly      seconds     577333.0
        Init counter  8               Point ID    <no text>
        Survey type   Real Time       Plate H. Dist <null>
        Plate V. Dist <null>          Plate azimuth <null>

INIT    KI  Init event    Gained        Week        1072
        Init type     On the fly      seconds     577802.0
        Init counter  9               Point ID    <no text>
        Survey type   Real Time       Plate H. Dist <null>
        Plate V. Dist <null>          Plate azimuth <null>

GPSVEC  TP  Point ID 263        DX  -3462.223       DY  -2122.705
        Class Normal        DZ  -5012.486       Code SG 255+00E
        Mthd Phase Diff.    H.pr 0.035          V.pr 0.045

GPSQC1  NM  Min SVs     6               PDOP max  0.7
        Total GPS pos  8            HDOP max  0.4
        Monitor status Yes          VDOP max  0.5
        Horizontal SD  0.000        Vert SD   0.000
        Start wk 1072 sec 577876.0      End wk 1072   sec 577885.0
```

```
INIT   KI  Init event   Lost          Week       1072
           Init type    On the fly    seconds    577894.0
           Init counter 9             Point ID   <no text>
           Survey type  Real Time     Plate H. Dist <null>
           Plate V. Dist <null>       Plate azimuth <null>

INIT   KI  Init event   Gained        Week       1072
           Init type    On the fly    seconds    577961.0
           Init counter 10            Point ID   <no text>
           Survey type  Real Time     Plate H. Dist <null>
           Plate V. Dist <null>       Plate azimuth <null>

GPSVEC  TP  Point ID 264      DX  -3462.275      DY  -2122.685
           Class Normal      DZ  -5012.508      Code SG 255+00E
           Mthd Phase Diff.  H.pr 0.033         V.pr 0.042

GPSQC1  NM  Min SVs      6          PDOP max  0.9
           Total GPS pos  4         HDOP max  0.5
           Monitor status Yes       VDOP max  0.7
           Horizontal SD  0.000     Vert SD   0.000
           Start wk 1072 sec 577966.0     End wk 1072   sec 577970.0

NOTE   KI  LINE. Name: 14, Code: , Method: Two points, Start pt: 264,

NOTE   KI  End pt: 138, Azimuth: 60.871°, Length: 20.470ft,

NOTE   KI  Grade: 41.312°

GPSVEC  TP  Point ID 3369     DX  -3464.691      DY  -2118.524
           Class Normal      DZ  -5016.107      Code TOE LEVEE
           Mthd Phase Diff.  H.pr 0.036         V.pr 0.046

GPSQC1  NM  Min SVs      6          PDOP max  1.1
           Total GPS pos  3         HDOP max  0.7
           Monitor status Yes       VDOP max  0.8
           Horizontal SD  0.000     Vert SD   0.000
           Start wk 1072 sec 578051.0     End wk 1072   sec 578054.0

GPSVEC  TP  Point ID 3370     DX  -3478.582      DY  -2117.245
           Class Normal      DZ  -5023.363      Code GRD
           Mthd Phase Diff.  H.pr 0.034         V.pr 0.043
```

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 578082.0 End wk 1072 sec 578085.0

GPSVEC TP Point ID 3371 DX -3496.525 DY -2115.796
Class Normal DZ -5031.413 Code GRD
Mthd Phase Diff. H.pr 0.029 V.pr 0.036

GPSQC1 NM Min SVs 6 PDOP max 0.9
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 578111.0 End wk 1072 sec 578116.0

GPSVEC TP Point ID 3372 DX -3515.665 DY -2113.739
Class Normal DZ -5039.926 Code GRD
Mthd Phase Diff. H.pr 0.030 V.pr 0.038

GPSQC1 NM Min SVs 6 PDOP max 0.9
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 578134.0 End wk 1072 sec 578143.0

GPSVEC TP Point ID 3373 DX -3533.206 DY -2112.179
Class Normal DZ -5048.130 Code GRD
Mthd Phase Diff. H.pr 0.030 V.pr 0.038

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 578170.0 End wk 1072 sec 578173.0

GPSVEC TP Point ID 3374 DX -3551.063 DY -2110.502
Class Normal DZ -5056.269 Code GRD
Mthd Phase Diff. H.pr 0.044 V.pr 0.056

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 578198.0 End wk 1072 sec 578201.0

GPSVEC TP Point ID 3375 DX -3569.571 DY -2108.942
Class Normal DZ -5064.325 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.030

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 578222.0 End wk 1072 sec 578224.0

GPSVEC TP Point ID 3376 DX -3579.938 DY -2108.538
Class Normal DZ -5068.731 Code GRD
Mthd Phase Diff. H.pr 0.040 V.pr 0.050

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 578237.0 End wk 1072 sec 578240.0

GPSVEC TP Point ID 3377 DX -3589.233 DY -2107.430
Class Normal DZ -5072.878 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.033

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 578258.0 End wk 1072 sec 578261.0

GPSVEC TP Point ID 3378 DX -3592.551 DY -2107.992
Class Normal DZ -5074.368 Code GRD
Mthd Phase Diff. H.pr 0.030 V.pr 0.037

GPSQC1 NM Min SVs 6 PDOP max 0.9
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 578271.0 End wk 1072 sec 578274.0

GPSVEC TP Point ID 3379 DX -3596.944 DY -2106.892
Class Normal DZ -5076.277 Code GRD
Mthd Phase Diff. H.pr 0.029 V.pr 0.036

```
GPSQC1  NM  Min SVs      6              PDOP max  1.0
        Total GPS pos  4              HDOP max  0.6
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 578283.0      End wk 1072   sec 578286.0

GPSVEC  TP  Point ID 3380      DX  -3601.841       DY  -2106.504
        Class Normal        DZ  -5078.603       Code GRD
        Mthd Phase Diff.    H.pr 0.040          V.pr 0.050

GPSQC1  NM  Min SVs      6              PDOP max  1.0
        Total GPS pos  4              HDOP max  0.6
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 578302.0      End wk 1072   sec 578305.0

GPSVEC  TP  Point ID 3381      DX  -3604.844       DY  -2106.655
        Class Normal        DZ  -5079.612       Code GRD
        Mthd Phase Diff.    H.pr 0.025          V.pr 0.032

GPSQC1  NM  Min SVs      6              PDOP max  0.8
        Total GPS pos  5              HDOP max  0.5
        Monitor status Yes            VDOP max  0.6
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 578318.0      End wk 1072   sec 578323.0

GPSVEC  TP  Point ID 3382      DX  -3620.853       DY  -2104.821
        Class Normal        DZ  -5087.417       Code GRD
        Mthd Phase Diff.    H.pr 0.047          V.pr 0.060

GPSQC1  NM  Min SVs      5              PDOP max  1.1
        Total GPS pos  6              HDOP max  0.7
        Monitor status Yes            VDOP max  0.9
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 578342.0      End wk 1072   sec 578347.0

GPSVEC  TP  Point ID 3383      DX  -3627.541       DY  -2104.335
        Class Normal        DZ  -5090.112       Code GRD
        Mthd Phase Diff.    H.pr 0.031          V.pr 0.040

GPSQC1  NM  Min SVs      5              PDOP max  1.4
        Total GPS pos  3              HDOP max  0.8
        Monitor status Yes            VDOP max  1.1
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 578360.0      End wk 1072   sec 578362.0
```

GPSVEC TP Point ID 3384 DX -3643.091 DY -2102.770
Class Normal DZ -5096.980 Code GRD
Mthd Phase Diff. H.pr 0.035 V.pr 0.045

GPSQC1 NM Min SVs 5 PDOP max 1.1
Total GPS pos 6 HDOP max 0.7
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 578380.0 End wk 1072 sec 578385.0

GPSVEC TP Point ID 3385 DX -3661.072 DY -2101.279
Class Normal DZ -5105.223 Code GRD
Mthd Phase Diff. H.pr 0.043 V.pr 0.054

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 578409.0 End wk 1072 sec 578412.0

GPSVEC TP Point ID 3386 DX -3679.770 DY -2099.910
Class Normal DZ -5113.072 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.030

GPSQC1 NM Min SVs 5 PDOP max 0.9
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 578433.0 End wk 1072 sec 578436.0

GPSVEC TP Point ID 3387 DX -3697.611 DY -2098.289
Class Normal DZ -5121.347 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.027

GPSQC1 NM Min SVs 5 PDOP max 1.2
Total GPS pos 6 HDOP max 0.7
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 578460.0 End wk 1072 sec 578465.0

GPSVEC TP Point ID 3388 DX -3707.049 DY -2097.715
Class Normal DZ -5125.220 Code GRD
Mthd Phase Diff. H.pr 0.035 V.pr 0.044

```
GPSQC1  NM  Min SVs      5              PDOP max  1.4
        Total GPS pos  4              HDOP max  0.8
        Monitor status Yes            VDOP max  1.1
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 578479.0       End wk 1072   sec 578482.0

GPSVEC  TP  Point ID 3389       DX  -3719.337       DY  -2096.636
        Class Normal        DZ  -5130.921       Code GRD
        Mthd Phase Diff.    H.pr 0.033          V.pr 0.042

GPSQC1  NM  Min SVs      5              PDOP max  1.3
        Total GPS pos  5              HDOP max  0.8
        Monitor status Yes            VDOP max  1.0
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 578504.0       End wk 1072   sec 578508.0

GPSVEC  TP  Point ID 3390       DX  -3733.777       DY  -2095.212
        Class Normal        DZ  -5137.436       Code GRD
        Mthd Phase Diff.    H.pr 0.045          V.pr 0.057

GPSQC1  NM  Min SVs      5              PDOP max  1.3
        Total GPS pos  4              HDOP max  0.8
        Monitor status Yes            VDOP max  1.0
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 578527.0       End wk 1072   sec 578531.0

NOTE    TS  Time Date 07/29/2000 Time 17:00:23

INIT    KI  Init event    Lost            Week        1072
        Init type     On the fly       seconds     579634.0
        Init counter  10               Point ID    <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

INIT    KI  Init event    Gained          Week        1072
        Init type     On the fly       seconds     579805.0
        Init counter  11               Point ID    <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

NOTE    KI  LINE. Name: 15, Code: , Method: Two points, Start pt: 140,

NOTE    KI  End pt: 182, Azimuth: 265.783°, Length: 345.325ft,

NOTE    KI  Grade: 0.113°
```

```
INIT   KI  Init event   Lost(RMS)        Week        1072
        Init type    On the fly        seconds      580094.0
        Init counter  11               Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

SURVEY  KI  Elev mask 10                PDOP mask 6.0

EQUIP   NM  Receiver  4800              Serial no 20152374
        Antenna   4800 Internal
        Method    Measured to bottom of antenna mount
        Tape adj  0.000               Serial no <no text>
        Radius    0.000               V.Const   0.511

SURVEY EVENTKISurvey event Rover survey started

NOTE   TS  Time Date 07/29/2000 Time 17:20:44

GPSANT  KI  Antenna ht 5.092            Measuremt True

GPSREF  KI  Reference BAS3

SURVEY  KI  Elev mask 10                PDOP mask 6.0

NOTE   TS  Time Date 07/29/2000 Time 17:37:26

EQUIP   NM  Receiver  4800              Serial no 20152374
        Antenna   4800 Internal
        Method    Measured to bottom of antenna mount
        Tape adj  0.000               Serial no <no text>
        Radius    0.000               V.Const   0.511

SURVEY EVENTKISurvey event Rover survey started

NOTE   TS  Time Date 07/29/2000 Time 17:37:28

SURVEY  KI  Elev mask 10                PDOP mask 6.0

EQUIP   NM  Receiver  4800              Serial no 20152374
        Antenna   4800 Internal
        Method    Measured to bottom of antenna mount
        Tape adj  0.000               Serial no <no text>
        Radius    0.000               V.Const   0.511

SURVEY EVENTKISurvey event Rover survey started
```

```
NOTE   TS  Time Date 07/29/2000 Time 17:50:54

GPSANT  KI  Antenna ht 5.092              Measuremt True

GPSREF  KI  Reference BAS3

INIT   KI  Init event   Gained          Week        1072
       Init type    On the fly        seconds      583269.0
       Init counter  1               Point ID     <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>

EQUIP   NM  Receiver  4800              Serial no 20152374
       Antenna   4800 Internal
       Method    Measured to bottom of antenna mount
       Tape adj  0.000              Serial no <no text>
       Radius    0.000              V.Const   0.511

GPSANT  KI  Antenna ht 5.906              Measuremt Uncorrected

GPSVEC  TP  Point ID 265       DX  -3487.216       DY  -1905.309
       Class Normal        DZ  -4717.633       Code SG 258+55E
       Mthd Phase Diff.    H.pr 0.025          V.pr 0.048

GPSQC1  NM  Min SVs       7              PDOP max  0.9
       Total GPS pos  6              HDOP max  0.4
       Monitor status Yes            VDOP max  0.8
       Horizontal SD  0.000           Vert SD   0.000
       Start wk 1072 sec 583300.0       End wk 1072   sec 583305.0

INIT   KI  Init event   Lost            Week        1072
       Init type    On the fly        seconds      583311.0
       Init counter  1               Point ID     <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>

INIT   KI  Init event   Gained          Week        1072
       Init type    On the fly        seconds      583343.0
       Init counter  2               Point ID     <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>

GPSVEC  TP  Point ID 266       DX  -3487.214       DY  -1905.351
       Class Normal        DZ  -4717.676       Code SG 258+55E
       Mthd Phase Diff.    H.pr 0.019          V.pr 0.037
```

```
GPSQC1  NM  Min SVs      7              PDOP max  0.9
        Total GPS pos  6              HDOP max  0.4
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 583349.0       End wk 1072   sec 583354.0

INIT    KI  Init event    Lost            Week        1072
        Init type     On the fly        seconds      583374.0
        Init counter  2                 Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

INIT    KI  Init event    Gained          Week        1072
        Init type     On the fly        seconds      583461.0
        Init counter  3                 Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

GPSVEC  TP  Point ID 267        DX  -3777.801        DY  -1800.679
        Class Normal        DZ  -4736.909        Code SG 256+76W
        Mthd Phase Diff.    H.pr 0.019           V.pr 0.038

GPSQC1  NM  Min SVs      7              PDOP max  1.1
        Total GPS pos  4              HDOP max  0.5
        Monitor status Yes            VDOP max  0.9
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 583510.0       End wk 1072   sec 583513.0

INIT    KI  Init event    Lost            Week        1072
        Init type     On the fly        seconds      583520.0
        Init counter  3                 Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

INIT    KI  Init event    Gained          Week        1072
        Init type     On the fly        seconds      583553.0
        Init counter  4                 Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

GPSVEC  TP  Point ID 268        DX  -3777.840        DY  -1800.671
        Class Normal        DZ  -4736.945        Code SG 256+76W
        Mthd Phase Diff.    H.pr 0.026           V.pr 0.052
```

```
GPSQC1  NM  Min SVs      7              PDOP max  1.0
        Total GPS pos  5              HDOP max  0.4
        Monitor status Yes            VDOP max  0.9
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 583561.0       End wk 1072   sec 583565.0

NOTE   TS  Time Date 07/29/2000 Time 18:08:50

GPSVEC  TP  Point ID 269       DX  -3795.436       DY  -1894.474
        Class Normal        DZ  -4883.641       Code SG 255+00W
        Mthd Phase Diff.    H.pr 0.024          V.pr 0.049

GPSQC1  NM  Min SVs      7              PDOP max  0.7
        Total GPS pos  10             HDOP max  0.3
        Monitor status Yes            VDOP max  0.6
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 583731.0       End wk 1072   sec 583741.0

INIT   KI  Init event    Lost            Week        1072
        Init type     On the fly       seconds      583748.0
        Init counter  4               Point ID     <no text>
        Survey type   Real Time         Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

INIT   KI  Init event    Gained          Week        1072
        Init type     On the fly       seconds      583779.0
        Init counter  5               Point ID     <no text>
        Survey type   Real Time         Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

GPSVEC  TP  Point ID 270       DX  -3795.446       DY  -1894.491
        Class Normal        DZ  -4883.647       Code SG 255+00W
        Mthd Phase Diff.    H.pr 0.022          V.pr 0.045

GPSQC1  NM  Min SVs      7              PDOP max  1.0
        Total GPS pos  5              HDOP max  0.4
        Monitor status Yes            VDOP max  0.9
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 583789.0       End wk 1072   sec 583793.0

NOTE   KI  LINE. Name: 16, Code: , Method: Two points, Start pt: 270,

NOTE   KI  End pt: 180, Azimuth: 261.697°, Length: 20.765ft,

NOTE   KI  Grade: 41.052°
```

GPSVEC TP Point ID 3391 DX -3789.987 DY -1892.420
Class Normal DZ -4885.515 Code TOE LEVEE
Mthd Phase Diff. H.pr 0.023 V.pr 0.048

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 5 HDOP max 0.4
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 583885.0 End wk 1072 sec 583889.0

GPSVEC TP Point ID 3392 DX -3787.116 DY -1893.042
Class Normal DZ -4885.446 Code GRD
Mthd Phase Diff. H.pr 0.020 V.pr 0.039

GPSQC1 NM Min SVs 6 PDOP max 1.5
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 1.4
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 583905.0 End wk 1072 sec 583907.0

GPSVEC TP Point ID 3393 DX -3776.508 DY -1896.406
Class Normal DZ -4883.480 Code GRD
Mthd Phase Diff. H.pr 0.018 V.pr 0.037

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 583929.0 End wk 1072 sec 583932.0

GPSVEC TP Point ID 3394 DX -3756.338 DY -1902.724
Class Normal DZ -4881.123 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.043

GPSQC1 NM Min SVs 8 PDOP max 0.9
Total GPS pos 4 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 583949.0 End wk 1072 sec 583952.0

GPSVEC TP Point ID 3395 DX -3737.540 DY -1908.815
Class Normal DZ -4879.148 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.043

```
GPSQC1  NM  Min SVs      8              PDOP max  0.9
        Total GPS pos  4              HDOP max  0.4
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 583971.0       End wk 1072   sec 583974.0

GPSVEC  TP  Point ID 3396       DX  -3718.453       DY  -1914.902
        Class Normal        DZ  -4876.444       Code GRD
        Mthd Phase Diff.    H.pr 0.018          V.pr 0.034

GPSQC1  NM  Min SVs      8              PDOP max  1.0
        Total GPS pos  3              HDOP max  0.5
        Monitor status Yes            VDOP max  0.9
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 584002.0       End wk 1072   sec 584004.0

GPSVEC  TP  Point ID 3397       DX  -3699.217       DY  -1920.755
        Class Normal        DZ  -4873.549       Code GRD
        Mthd Phase Diff.    H.pr 0.020          V.pr 0.037

GPSQC1  NM  Min SVs      8              PDOP max  0.9
        Total GPS pos  4              HDOP max  0.4
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 584025.0       End wk 1072   sec 584028.0

GPSVEC  TP  Point ID 3398       DX  -3680.542       DY  -1927.114
        Class Normal        DZ  -4871.429       Code GRD
        Mthd Phase Diff.    H.pr 0.022          V.pr 0.043

GPSQC1  NM  Min SVs      8              PDOP max  0.9
        Total GPS pos  4              HDOP max  0.4
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 584044.0       End wk 1072   sec 584047.0

GPSVEC  TP  Point ID 3399       DX  -3661.788       DY  -1932.785
        Class Normal        DZ  -4868.780       Code GRD
        Mthd Phase Diff.    H.pr 0.025          V.pr 0.047

GPSQC1  NM  Min SVs      8              PDOP max  0.9
        Total GPS pos  3              HDOP max  0.4
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 584074.0       End wk 1072   sec 584077.0
```

GPSVEC TP Point ID 3400 DX -3651.845 DY -1935.285
Class Normal DZ -4868.076 Code GRD
Mthd Phase Diff. H.pr 0.020 V.pr 0.039

GPSQC1 NM Min SVs 8 PDOP max 0.9
Total GPS pos 4 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 584094.0 End wk 1072 sec 584097.0

GPSVEC TP Point ID 3401 DX -3641.123 DY -1939.058
Class Normal DZ -4866.707 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.044

GPSQC1 NM Min SVs 8 PDOP max 0.9
Total GPS pos 4 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 584112.0 End wk 1072 sec 584115.0

GPSVEC TP Point ID 3402 DX -3628.565 DY -1942.933
Class Normal DZ -4864.655 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.047

GPSQC1 NM Min SVs 8 PDOP max 0.8
Total GPS pos 5 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 584155.0 End wk 1072 sec 584159.0

GPSVEC TP Point ID 3403 DX -3624.070 DY -1944.358
Class Normal DZ -4864.091 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.045

GPSQC1 NM Min SVs 8 PDOP max 0.8
Total GPS pos 4 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 584171.0 End wk 1072 sec 584176.0

GPSVEC TP Point ID 3404 DX -3608.943 DY -1949.390
Class Normal DZ -4862.457 Code GRD
Mthd Phase Diff. H.pr 0.032 V.pr 0.061

```
GPSQC1  NM  Min SVs      8              PDOP max  0.8
        Total GPS pos  5              HDOP max  0.4
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 584197.0      End wk 1072   sec 584201.0

GPSVEC  TP  Point ID 3405      DX  -3603.215       DY  -1951.062
        Class Normal       DZ  -4861.548       Code GRD
        Mthd Phase Diff.    H.pr 0.017          V.pr 0.033

GPSQC1  NM  Min SVs      8              PDOP max  0.9
        Total GPS pos  4              HDOP max  0.4
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 584217.0      End wk 1072   sec 584220.0

GPSVEC  TP  Point ID 3406      DX  -3599.471       DY  -1952.387
        Class Normal       DZ  -4860.553       Code GRD
        Mthd Phase Diff.    H.pr 0.026          V.pr 0.047

GPSQC1  NM  Min SVs      9              PDOP max  0.7
        Total GPS pos  3              HDOP max  0.3
        Monitor status Yes            VDOP max  0.6
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 584231.0      End wk 1072   sec 584235.0

GPSVEC  TP  Point ID 3407      DX  -3597.632       DY  -1952.689
        Class Normal       DZ  -4860.737       Code GRD
        Mthd Phase Diff.    H.pr 0.031          V.pr 0.057

GPSQC1  NM  Min SVs      9              PDOP max  0.8
        Total GPS pos  4              HDOP max  0.4
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 584247.0      End wk 1072   sec 584250.0

GPSVEC  TP  Point ID 3408      DX  -3587.280       DY  -1955.718
        Class Normal       DZ  -4859.520       Code GRD
        Mthd Phase Diff.    H.pr 0.028          V.pr 0.051

GPSQC1  NM  Min SVs      9              PDOP max  0.8
        Total GPS pos  4              HDOP max  0.4
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 584267.0      End wk 1072   sec 584270.0
```

GPSVEC TP Point ID 3409 DX -3584.031 DY -1957.156
Class Normal DZ -4858.643 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.041

GPSQC1 NM Min SVs 9 PDOP max 0.7
Total GPS pos 4 HDOP max 0.3
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 584284.0 End wk 1072 sec 584288.0

GPSVEC TP Point ID 3410 DX -3579.561 DY -1958.268
Class Normal DZ -4858.373 Code GRD
Mthd Phase Diff. H.pr 0.033 V.pr 0.060

GPSQC1 NM Min SVs 9 PDOP max 0.8
Total GPS pos 4 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 584299.0 End wk 1072 sec 584302.0

GPSVEC TP Point ID 3411 DX -3575.517 DY -1960.043
Class Normal DZ -4857.718 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.044

GPSQC1 NM Min SVs 9 PDOP max 0.8
Total GPS pos 4 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 584316.0 End wk 1072 sec 584319.0

GPSVEC TP Point ID 3412 DX -3569.643 DY -1961.279
Class Normal DZ -4857.609 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.040

GPSQC1 NM Min SVs 9 PDOP max 0.7
Total GPS pos 4 HDOP max 0.3
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 584330.0 End wk 1072 sec 584335.0

GPSVEC TP Point ID 3413 DX -3559.732 DY -1964.948
Class Normal DZ -4855.484 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.041

GPSQC1 NM Min SVs 9 PDOP max 0.7
Total GPS pos 5 HDOP max 0.3
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 584362.0 End wk 1072 sec 584366.0

GPSVEC TP Point ID 3414 DX -3555.158 DY -1965.648
Class Normal DZ -4855.476 Code GRD
Mthd Phase Diff. H.pr 0.019 V.pr 0.034

GPSQC1 NM Min SVs 9 PDOP max 0.8
Total GPS pos 4 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 584377.0 End wk 1072 sec 584380.0

GPSVEC TP Point ID 3415 DX -3550.916 DY -1967.016
Class Normal DZ -4854.933 Code GRD
Mthd Phase Diff. H.pr 0.028 V.pr 0.051

GPSQC1 NM Min SVs 9 PDOP max 0.7
Total GPS pos 5 HDOP max 0.3
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 584411.0 End wk 1072 sec 584415.0

GPSVEC TP Point ID 3416 DX -3546.958 DY -1968.913
Class Normal DZ -4854.128 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.044

GPSQC1 NM Min SVs 9 PDOP max 0.8
Total GPS pos 4 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 584434.0 End wk 1072 sec 584437.0

GPSVEC TP Point ID 3417 DX -3540.879 DY -1970.110
Class Normal DZ -4854.129 Code GRD
Mthd Phase Diff. H.pr 0.034 V.pr 0.064

GPSQC1 NM Min SVs 9 PDOP max 0.8
Total GPS pos 4 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 584453.0 End wk 1072 sec 584456.0

GPSVEC TP Point ID 3418 DX -3531.761 DY -1973.731
Class Normal DZ -4852.095 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.046

GPSQC1 NM Min SVs 8 PDOP max 1.0
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 584472.0 End wk 1072 sec 584475.0

GPSVEC TP Point ID 3419 DX -3509.640 DY -1979.972
Class Normal DZ -4849.673 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.044

GPSQC1 NM Min SVs 8 PDOP max 0.9
Total GPS pos 4 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 584502.0 End wk 1072 sec 584505.0

GPSVEC TP Point ID 3420 DX -3494.837 DY -1913.701
Class Normal DZ -4746.726 Code TOE LEVEE
Mthd Phase Diff. H.pr 0.028 V.pr 0.049

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 584607.0 End wk 1072 sec 584612.0

GPSVEC TP Point ID 3421 DX -3505.734 DY -1910.162
Class Normal DZ -4747.196 Code GRD
Mthd Phase Diff. H.pr 0.019 V.pr 0.038

GPSQC1 NM Min SVs 8 PDOP max 1.0
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 584636.0 End wk 1072 sec 584638.0

GPSVEC TP Point ID 3422 DX -3508.386 DY -1908.847
Class Normal DZ -4747.675 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.042

```
GPSQC1  NM  Min SVs      8              PDOP max  1.0
        Total GPS pos  3              HDOP max  0.5
        Monitor status Yes            VDOP max  0.9
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 584647.0       End wk 1072   sec 584649.0

GPSVEC  TP  Point ID 3423       DX  -3516.787       DY  -1906.810
        Class Normal        DZ  -4747.956       Code GRD
        Mthd Phase Diff.    H.pr 0.023          V.pr 0.046

GPSQC1  NM  Min SVs      8              PDOP max  1.0
        Total GPS pos  3              HDOP max  0.5
        Monitor status Yes            VDOP max  0.9
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 584673.0       End wk 1072   sec 584675.0

GPSVEC  TP  Point ID 3424       DX  -3519.741       DY  -1904.879
        Class Normal        DZ  -4748.829       Code GRD
        Mthd Phase Diff.    H.pr 0.022          V.pr 0.043

GPSQC1  NM  Min SVs      8              PDOP max  0.9
        Total GPS pos  4              HDOP max  0.4
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 584694.0       End wk 1072   sec 584697.0

GPSVEC  TP  Point ID 3425       DX  -3535.850       DY  -1899.861
        Class Normal        DZ  -4749.166       Code GRD
        Mthd Phase Diff.    H.pr 0.020          V.pr 0.038

GPSQC1  NM  Min SVs      9              PDOP max  0.8
        Total GPS pos  3              HDOP max  0.4
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 584719.0       End wk 1072   sec 584721.0

GPSVEC  TP  Point ID 3426       DX  -3540.704       DY  -1897.730
        Class Normal        DZ  -4749.829       Code GRD
        Mthd Phase Diff.    H.pr 0.031          V.pr 0.060

GPSQC1  NM  Min SVs      9              PDOP max  0.9
        Total GPS pos  3              HDOP max  0.4
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 584731.0       End wk 1072   sec 584733.0
```

GPSVEC TP Point ID 3427 DX -3554.606 DY -1892.704
Class Normal DZ -4750.781 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.042

GPSQC1 NM Min SVs 9 PDOP max 0.9
Total GPS pos 3 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 584750.0 End wk 1072 sec 584752.0

GPSVEC TP Point ID 3428 DX -3563.443 DY -1889.395
Class Normal DZ -4751.176 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.041

GPSQC1 NM Min SVs 9 PDOP max 0.9
Total GPS pos 3 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 584767.0 End wk 1072 sec 584769.0

GPSVEC TP Point ID 3429 DX -3566.514 DY -1888.626
Class Normal DZ -4751.071 Code GRD
Mthd Phase Diff. H.pr 0.028 V.pr 0.054

GPSQC1 NM Min SVs 9 PDOP max 0.9
Total GPS pos 3 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 584778.0 End wk 1072 sec 584780.0

GPSVEC TP Point ID 3430 DX -3575.247 DY -1885.551
Class Normal DZ -4751.812 Code GRD
Mthd Phase Diff. H.pr 0.030 V.pr 0.057

GPSQC1 NM Min SVs 9 PDOP max 0.9
Total GPS pos 3 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 584790.0 End wk 1072 sec 584792.0

GPSVEC TP Point ID 3431 DX -3578.996 DY -1883.525
Class Normal DZ -4752.272 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.052

```
GPSQC1  NM  Min SVs      9              PDOP max  0.9
        Total GPS pos  3              HDOP max  0.4
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 584801.0       End wk 1072   sec 584803.0

GPSVEC  TP  Point ID 3432      DX  -3586.747       DY  -1880.890
        Class Normal        DZ  -4753.082       Code GRD
        Mthd Phase Diff.    H.pr 0.020          V.pr 0.039

GPSQC1  NM  Min SVs      9              PDOP max  0.9
        Total GPS pos  3              HDOP max  0.4
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 584818.0       End wk 1072   sec 584820.0

GPSVEC  TP  Point ID 3433      DX  -3600.815       DY  -1876.285
        Class Normal        DZ  -4753.190       Code GRD
        Mthd Phase Diff.    H.pr 0.025          V.pr 0.049

GPSQC1  NM  Min SVs      9              PDOP max  0.9
        Total GPS pos  3              HDOP max  0.4
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 584841.0       End wk 1072   sec 584843.0

GPSVEC  TP  Point ID 3434      DX  -3612.847       DY  -1871.504
        Class Normal        DZ  -4754.208       Code GRD
        Mthd Phase Diff.    H.pr 0.022          V.pr 0.043

GPSQC1  NM  Min SVs      9              PDOP max  0.8
        Total GPS pos  4              HDOP max  0.3
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 584864.0       End wk 1072   sec 584868.0

GPSVEC  TP  Point ID 3435      DX  -3618.977       DY  -1869.496
        Class Normal        DZ  -4755.996       Code GRD
        Mthd Phase Diff.    H.pr 0.031          V.pr 0.059

GPSQC1  NM  Min SVs      9              PDOP max  0.9
        Total GPS pos  3              HDOP max  0.4
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 584896.0       End wk 1072   sec 584898.0
```

GPSVEC TP Point ID 3436 DX -3629.230 DY -1865.501
Class Normal DZ -4755.596 Code GRD
Mthd Phase Diff. H.pr 0.019 V.pr 0.037

GPSQC1 NM Min SVs 9 PDOP max 0.9
Total GPS pos 3 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 584915.0 End wk 1072 sec 584917.0

GPSVEC TP Point ID 3437 DX -3638.855 DY -1861.665
Class Normal DZ -4756.751 Code GRD
Mthd Phase Diff. H.pr 0.020 V.pr 0.039

GPSQC1 NM Min SVs 9 PDOP max 0.9
Total GPS pos 3 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 584931.0 End wk 1072 sec 584933.0

GPSVEC TP Point ID 3438 DX -3650.088 DY -1857.948
Class Normal DZ -4757.153 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.044

GPSQC1 NM Min SVs 9 PDOP max 0.9
Total GPS pos 3 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 584951.0 End wk 1072 sec 584953.0

GPSVEC TP Point ID 3439 DX -3662.521 DY -1853.323
Class Normal DZ -4757.844 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.043

GPSQC1 NM Min SVs 9 PDOP max 0.8
Total GPS pos 3 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 584970.0 End wk 1072 sec 584973.0

GPSVEC TP Point ID 3440 DX -3665.036 DY -1851.671
Class Normal DZ -4758.488 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.048

```
GPSQC1  NM  Min SVs      9              PDOP max  0.9
        Total GPS pos  3              HDOP max  0.4
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 584980.0      End wk 1072   sec 584982.0

GPSVEC  TP  Point ID 3441      DX  -3670.358       DY  -1850.525
        Class Normal       DZ  -4758.801       Code GRD
        Mthd Phase Diff.    H.pr 0.024          V.pr 0.048

GPSQC1  NM  Min SVs      9              PDOP max  0.9
        Total GPS pos  3              HDOP max  0.4
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 584999.0      End wk 1072   sec 585001.0

GPSVEC  TP  Point ID 3442      DX  -3681.864       DY  -1846.239
        Class Normal       DZ  -4760.011       Code GRD
        Mthd Phase Diff.    H.pr 0.022          V.pr 0.044

GPSQC1  NM  Min SVs      9              PDOP max  0.8
        Total GPS pos  4              HDOP max  0.4
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 585022.0      End wk 1072   sec 585025.0

GPSVEC  TP  Point ID 3443      DX  -3687.321       DY  -1844.252
        Class Normal       DZ  -4760.274       Code GRD
        Mthd Phase Diff.    H.pr 0.020          V.pr 0.040

GPSQC1  NM  Min SVs      9              PDOP max  0.9
        Total GPS pos  3              HDOP max  0.4
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 585035.0      End wk 1072   sec 585037.0

GPSVEC  TP  Point ID 3444      DX  -3693.035       DY  -1842.854
        Class Normal       DZ  -4759.756       Code GRD
        Mthd Phase Diff.    H.pr 0.021          V.pr 0.040

GPSQC1  NM  Min SVs      9              PDOP max  0.9
        Total GPS pos  3              HDOP max  0.4
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 585047.0      End wk 1072   sec 585049.0
```

GPSVEC TP Point ID 3445 DX -3699.245 DY -1840.138
Class Normal DZ -4760.639 Code GRD
Mthd Phase Diff. H.pr 0.018 V.pr 0.036

GPSQC1 NM Min SVs 9 PDOP max 0.8
Total GPS pos 3 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 585060.0 End wk 1072 sec 585063.0

GPSVEC TP Point ID 3446 DX -3703.988 DY -1839.274
Class Normal DZ -4759.753 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.041

GPSQC1 NM Min SVs 9 PDOP max 0.9
Total GPS pos 3 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 585075.0 End wk 1072 sec 585077.0

GPSVEC TP Point ID 3447 DX -3707.652 DY -1836.733
Class Normal DZ -4761.091 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.049

GPSQC1 NM Min SVs 9 PDOP max 0.9
Total GPS pos 3 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 585092.0 End wk 1072 sec 585094.0

GPSVEC TP Point ID 3448 DX -3719.383 DY -1833.497
Class Normal DZ -4761.500 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.043

GPSQC1 NM Min SVs 9 PDOP max 0.9
Total GPS pos 3 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 585117.0 End wk 1072 sec 585119.0

GPSVEC TP Point ID 3449 DX -3726.839 DY -1829.502
Class Normal DZ -4762.711 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.040

```
GPSQC1  NM  Min SVs      9              PDOP max  0.9
        Total GPS pos  3              HDOP max  0.4
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 585136.0       End wk 1072   sec 585138.0

GPSVEC  TP  Point ID 3450       DX  -3736.490       DY  -1826.591
        Class Normal        DZ  -4762.213       Code GRD
        Mthd Phase Diff.    H.pr 0.026          V.pr 0.047

GPSQC1  NM  Min SVs      8              PDOP max  1.0
        Total GPS pos  3              HDOP max  0.5
        Monitor status Yes            VDOP max  0.9
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 585166.0       End wk 1072   sec 585168.0

GPSVEC  TP  Point ID 3451       DX  -3740.326       DY  -1824.910
        Class Normal        DZ  -4764.181       Code GRD
        Mthd Phase Diff.    H.pr 0.032          V.pr 0.063

GPSQC1  NM  Min SVs      9              PDOP max  0.8
        Total GPS pos  4              HDOP max  0.4
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 585194.0       End wk 1072   sec 585197.0

GPSVEC  TP  Point ID 3452       DX  -3747.766       DY  -1822.971
        Class Normal        DZ  -4763.550       Code GRD
        Mthd Phase Diff.    H.pr 0.032          V.pr 0.062

GPSQC1  NM  Min SVs      9              PDOP max  0.8
        Total GPS pos  4              HDOP max  0.4
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 585214.0       End wk 1072   sec 585217.0

GPSVEC  TP  Point ID 3453       DX  -3754.621       DY  -1820.624
        Class Normal        DZ  -4764.213       Code GRD
        Mthd Phase Diff.    H.pr 0.021          V.pr 0.041

GPSQC1  NM  Min SVs      9              PDOP max  0.9
        Total GPS pos  3              HDOP max  0.4
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 585234.0       End wk 1072   sec 585236.0
```

GPSVEC TP Point ID 3454 DX -3762.927 DY -1817.534
Class Normal DZ -4764.918 Code GRD
Mthd Phase Diff. H.pr 0.029 V.pr 0.057

GPSQC1 NM Min SVs 9 PDOP max 0.9
Total GPS pos 3 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 585265.0 End wk 1072 sec 585267.0

GPSVEC TP Point ID 3455 DX -3770.072 DY -1814.909
Class Normal DZ -4765.209 Code GRD
Mthd Phase Diff. H.pr 0.020 V.pr 0.040

GPSQC1 NM Min SVs 8 PDOP max 1.1
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 585285.0 End wk 1072 sec 585287.0

GPSVEC TP Point ID 3456 DX -3773.889 DY -1814.054
Class Normal DZ -4765.107 Code TOE LEVEE
Mthd Phase Diff. H.pr 0.027 V.pr 0.054

GPSQC1 NM Min SVs 8 PDOP max 1.1
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 585313.0 End wk 1072 sec 585315.0

NOTE TS Time Date 07/29/2000 Time 18:40:11

GPSVEC TP Point ID 3457 DX -3772.252 DY -1798.579
Class Normal DZ -4739.447 Code TOE LEVEE
Mthd Phase Diff. H.pr 0.028 V.pr 0.055

GPSQC1 NM Min SVs 8 PDOP max 1.0
Total GPS pos 3 HDOP max 0.4
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 585620.0 End wk 1072 sec 585623.0

GPSVEC TP Point ID 3458 DX -3768.446 DY -1799.655
Class Normal DZ -4739.329 Code CNC
Mthd Phase Diff. H.pr 0.029 V.pr 0.056

```
GPSQC1  NM  Min SVs      8              PDOP max  1.0
        Total GPS pos  4              HDOP max  0.4
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 585636.0       End wk 1072   sec 585639.0

GPSVEC  TP  Point ID 3459       DX  -3750.935       DY  -1806.205
        Class Normal        DZ  -4738.131       Code CNC
        Mthd Phase Diff.    H.pr 0.025          V.pr 0.048

GPSQC1  NM  Min SVs      9              PDOP max  0.9
        Total GPS pos  3              HDOP max  0.4
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 585665.0       End wk 1072   sec 585667.0

GPSVEC  TP  Point ID 3460       DX  -3732.392       DY  -1812.923
        Class Normal        DZ  -4736.900       Code CNC
        Mthd Phase Diff.    H.pr 0.023          V.pr 0.045

GPSQC1  NM  Min SVs      9              PDOP max  0.9
        Total GPS pos  3              HDOP max  0.4
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 585687.0       End wk 1072   sec 585689.0

GPSVEC  TP  Point ID 3461       DX  -3714.188       DY  -1819.354
        Class Normal        DZ  -4735.428       Code CNC
        Mthd Phase Diff.    H.pr 0.024          V.pr 0.047

GPSQC1  NM  Min SVs      9              PDOP max  0.9
        Total GPS pos  3              HDOP max  0.4
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 585703.0       End wk 1072   sec 585705.0

GPSVEC  TP  Point ID 3462       DX  -3694.773       DY  -1826.259
        Class Normal        DZ  -4734.236       Code CNC
        Mthd Phase Diff.    H.pr 0.028          V.pr 0.054

GPSQC1  NM  Min SVs      9              PDOP max  0.9
        Total GPS pos  3              HDOP max  0.4
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 585722.0       End wk 1072   sec 585724.0
```

GPSVEC TP Point ID 3463 DX -3675.814 DY -1833.236
Class Normal DZ -4732.933 Code CNC
Mthd Phase Diff. H.pr 0.026 V.pr 0.049

GPSQC1 NM Min SVs 9 PDOP max 0.9
Total GPS pos 3 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 585741.0 End wk 1072 sec 585743.0

GPSVEC TP Point ID 3464 DX -3658.825 DY -1839.158
Class Normal DZ -4731.639 Code CNC
Mthd Phase Diff. H.pr 0.024 V.pr 0.046

GPSQC1 NM Min SVs 9 PDOP max 0.9
Total GPS pos 3 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 585756.0 End wk 1072 sec 585758.0

GPSVEC TP Point ID 3465 DX -3652.630 DY -1841.394
Class Normal DZ -4731.301 Code CNC
Mthd Phase Diff. H.pr 0.019 V.pr 0.037

GPSQC1 NM Min SVs 9 PDOP max 0.9
Total GPS pos 3 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 585768.0 End wk 1072 sec 585770.0

GPSVEC TP Point ID 3466 DX -3646.094 DY -1843.441
Class Normal DZ -4731.461 Code CNC
Mthd Phase Diff. H.pr 0.023 V.pr 0.044

GPSQC1 NM Min SVs 9 PDOP max 0.8
Total GPS pos 4 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 585779.0 End wk 1072 sec 585783.0

GPSVEC TP Point ID 3467 DX -3636.711 DY -1846.427
Class Normal DZ -4730.911 Code CNC
Mthd Phase Diff. H.pr 0.019 V.pr 0.037

```
GPSQC1  NM  Min SVs      9              PDOP max  0.8
        Total GPS pos  4              HDOP max  0.4
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 585792.0       End wk 1072   sec 585795.0

GPSVEC  TP  Point ID 3468       DX  -3624.687       DY  -1850.688
        Class Normal        DZ  -4729.997       Code CNC
        Mthd Phase Diff.    H.pr 0.021          V.pr 0.041

GPSQC1  NM  Min SVs      9              PDOP max  0.8
        Total GPS pos  4              HDOP max  0.4
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 585805.0       End wk 1072   sec 585808.0

GPSVEC  TP  Point ID 3469       DX  -3614.879       DY  -1854.803
        Class Normal        DZ  -4729.149       Code CNC
        Mthd Phase Diff.    H.pr 0.023          V.pr 0.044

GPSQC1  NM  Min SVs      9              PDOP max  0.9
        Total GPS pos  3              HDOP max  0.4
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 585818.0       End wk 1072   sec 585821.0

GPSVEC  TP  Point ID 3470       DX  -3604.225       DY  -1859.028
        Class Normal        DZ  -4728.172       Code CNC
        Mthd Phase Diff.    H.pr 0.029          V.pr 0.055

GPSQC1  NM  Min SVs      9              PDOP max  0.9
        Total GPS pos  3              HDOP max  0.4
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 585834.0       End wk 1072   sec 585836.0

GPSVEC  TP  Point ID 3471       DX  -3582.849       DY  -1866.861
        Class Normal        DZ  -4726.729       Code CNC
        Mthd Phase Diff.    H.pr 0.025          V.pr 0.047

GPSQC1  NM  Min SVs      9              PDOP max  0.8
        Total GPS pos  4              HDOP max  0.4
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 585852.0       End wk 1072   sec 585855.0
```

GPSVEC TP Point ID 3472 DX -3563.721 DY -1873.650
Class Normal DZ -4725.209 Code CNC
Mthd Phase Diff. H.pr 0.027 V.pr 0.052

GPSQC1 NM Min SVs 9 PDOP max 0.9
Total GPS pos 3 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 585872.0 End wk 1072 sec 585874.0

GPSVEC TP Point ID 3473 DX -3544.223 DY -1880.686
Class Normal DZ -4723.972 Code CNC
Mthd Phase Diff. H.pr 0.029 V.pr 0.053

GPSQC1 NM Min SVs 8 PDOP max 0.9
Total GPS pos 4 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 585887.0 End wk 1072 sec 585890.0

GPSVEC TP Point ID 3474 DX -3524.998 DY -1887.644
Class Normal DZ -4722.694 Code CNC
Mthd Phase Diff. H.pr 0.020 V.pr 0.037

GPSQC1 NM Min SVs 8 PDOP max 0.8
Total GPS pos 3 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 585906.0 End wk 1072 sec 585909.0

GPSVEC TP Point ID 3475 DX -3507.260 DY -1894.043
Class Normal DZ -4721.443 Code CNC
Mthd Phase Diff. H.pr 0.027 V.pr 0.053

GPSQC1 NM Min SVs 7 PDOP max 1.3
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 585922.0 End wk 1072 sec 585924.0

GPSVEC TP Point ID 3476 DX -3492.685 DY -1899.082
Class Normal DZ -4720.607 Code CNC
Mthd Phase Diff. H.pr 0.032 V.pr 0.061

```
GPSQC1  NM  Min SVs      7              PDOP max  1.0
        Total GPS pos  6              HDOP max  0.5
        Monitor status Yes            VDOP max  0.9
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 585939.0      End wk 1072   sec 585944.0

GPSVEC  TP  Point ID 3477      DX  -3489.578       DY  -1901.196
        Class Normal       DZ  -4719.880       Code TOE LEVEE
        Mthd Phase Diff.    H.pr 0.024          V.pr 0.044

GPSQC1  NM  Min SVs      7              PDOP max  0.9
        Total GPS pos  7              HDOP max  0.5
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 585961.0      End wk 1072   sec 585967.0

INIT    KI  Init event    Lost            Week        1072
        Init type     On the fly        seconds      585975.0
        Init counter  5                 Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

SURVEY  KI  Elev mask 10                PDOP mask 6.0

EQUIP   NM  Receiver  4800              Serial no 20152374
        Antenna   4800 Internal
        Method    Measured to bottom of antenna mount
        Tape adj  0.000                 Serial no <no text>
        Radius    0.000                 V.Const   0.511

SURVEY EVENTKISurvey event Rover survey started

NOTE    TS  Time Date 07/29/2000 Time 18:54:38

GPSANT  KI  Antenna ht 5.092            Measuremt True

GPSREF  KI  Reference BAS3

INIT    KI  Init event    Gained          Week        1072
        Init type     On the fly        seconds      586494.0
        Init counter  1                 Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>
```

```
EQUIP  NM  Receiver  4800              Serial no 20152374
       Antenna  4800 Internal
       Method   Measured to bottom of antenna mount
       Tape adj  0.000              Serial no <no text>
       Radius   0.000              V.Const  0.511

GPSANT  KI  Antenna ht 5.906              Measuremt Uncorrected

GPSVEC  TP  Point ID 271        DX  -3225.260        DY  -1639.945
       Class Normal        DZ  -4186.976        Code SG 265+00E
       Mthd Phase Diff.    H.pr 0.028          V.pr 0.053

GPSQC1  NM  Min SVs       8              PDOP max  0.8
       Total GPS pos  8              HDOP max  0.4
       Monitor status Yes            VDOP max  0.7
       Horizontal SD  0.000           Vert SD   0.000
       Start wk 1072 sec 586596.0       End wk 1072   sec 586603.0

INIT    KI  Init event    Lost            Week        1072
       Init type     On the fly        seconds      586609.0
       Init counter  1                 Point ID     <no text>
       Survey type   Real Time          Plate H. Dist <null>
       Plate V. Dist <null>            Plate azimuth <null>

INIT    KI  Init event    Gained          Week        1072
       Init type     On the fly        seconds      586634.0
       Init counter  2                 Point ID     <no text>
       Survey type   Real Time          Plate H. Dist <null>
       Plate V. Dist <null>            Plate azimuth <null>

GPSVEC  TP  Point ID 272        DX  -3225.266        DY  -1639.928
       Class Normal        DZ  -4186.970        Code SG 265+00E
       Mthd Phase Diff.    H.pr 0.029          V.pr 0.055

GPSQC1  NM  Min SVs       8              PDOP max  0.9
       Total GPS pos  7              HDOP max  0.4
       Monitor status Yes            VDOP max  0.8
       Horizontal SD  0.000           Vert SD   0.000
       Start wk 1072 sec 586638.0       End wk 1072   sec 586644.0

NOTE    KI  LINE. Name: 17, Code: , Method: Two points, Start pt: 142,

NOTE    KI  End pt: 184, Azimuth: 294.237°, Length: 388.146ft,

NOTE    KI  Grade: 0.326°
```

NOTE KI LINE. Name: 18, Code: , Method: Two points, Start pt: 271,

NOTE KI End pt: 142, Azimuth: 117.649°, Length: 12.138ft,

NOTE KI Grade: 40.458°

GPSVEC TP Point ID 3478 DX -3227.027 DY -1634.125
Class Normal DZ -4187.774 Code TOE LEVEE
Mthd Phase Diff. H.pr 0.012 V.pr 0.041

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 20 HDOP max 0.3
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 586875.0 End wk 1072 sec 586896.0

GPSVEC TP Point ID 3479 DX -3236.207 DY -1626.402
Class Normal DZ -4183.350 Code GRD
Mthd Phase Diff. H.pr 0.013 V.pr 0.044

GPSQC1 NM Min SVs 6 PDOP max 2.0
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 586922.0 End wk 1072 sec 586926.0

GPSVEC TP Point ID 3480 DX -3248.996 DY -1614.752
Class Normal DZ -4176.937 Code GRD
Mthd Phase Diff. H.pr 0.017 V.pr 0.037

GPSQC1 NM Min SVs 7 PDOP max 1.5
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 586943.0 End wk 1072 sec 586945.0

GPSVEC TP Point ID 3481 DX -3262.085 DY -1603.477
Class Normal DZ -4170.265 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.053

GPSQC1 NM Min SVs 7 PDOP max 1.5
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.4
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 586976.0 End wk 1072 sec 586978.0

GPSVEC TP Point ID 3482 DX -3276.762 DY -1591.229
Class Normal DZ -4163.111 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.051

GPSQC1 NM Min SVs 7 PDOP max 1.3
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 587000.0 End wk 1072 sec 587003.0

GPSVEC TP Point ID 3483 DX -3293.136 DY -1577.560
Class Normal DZ -4154.132 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.042

GPSQC1 NM Min SVs 8 PDOP max 1.2
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 587030.0 End wk 1072 sec 587032.0

GPSVEC TP Point ID 3484 DX -3309.220 DY -1564.365
Class Normal DZ -4145.970 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.044

GPSQC1 NM Min SVs 8 PDOP max 1.2
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 587055.0 End wk 1072 sec 587057.0

GPSVEC TP Point ID 3485 DX -3319.377 DY -1555.669
Class Normal DZ -4140.622 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.045

GPSQC1 NM Min SVs 8 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 587081.0 End wk 1072 sec 587084.0

GPSVEC TP Point ID 3486 DX -3323.384 DY -1552.954
Class Normal DZ -4138.748 Code GRD
Mthd Phase Diff. H.pr 0.032 V.pr 0.052

```
GPSQC1  NM  Min SVs      8              PDOP max  1.2
        Total GPS pos  3              HDOP max  0.6
        Monitor status Yes            VDOP max  1.0
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 587098.0       End wk 1072   sec 587100.0

GPSVEC  TP  Point ID 3487       DX  -3329.713       DY  -1547.094
        Class Normal        DZ  -4135.495       Code GRD
        Mthd Phase Diff.    H.pr 0.023          V.pr 0.038

GPSQC1  NM  Min SVs      8              PDOP max  1.0
        Total GPS pos  4              HDOP max  0.5
        Monitor status Yes            VDOP max  0.9
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 587120.0       End wk 1072   sec 587123.0

GPSVEC  TP  Point ID 3488       DX  -3335.576       DY  -1542.021
        Class Normal        DZ  -4132.258       Code GRD
        Mthd Phase Diff.    H.pr 0.032          V.pr 0.053

GPSQC1  NM  Min SVs      8              PDOP max  1.0
        Total GPS pos  3              HDOP max  0.5
        Monitor status Yes            VDOP max  0.9
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 587140.0       End wk 1072   sec 587143.0

GPSVEC  TP  Point ID 3489       DX  -3349.142       DY  -1531.338
        Class Normal        DZ  -4125.357       Code GRD
        Mthd Phase Diff.    H.pr 0.027          V.pr 0.044

GPSQC1  NM  Min SVs      8              PDOP max  1.2
        Total GPS pos  3              HDOP max  0.6
        Monitor status Yes            VDOP max  1.0
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 587161.0       End wk 1072   sec 587163.0

GPSVEC  TP  Point ID 3490       DX  -3358.751       DY  -1524.111
        Class Normal        DZ  -4120.097       Code GRD
        Mthd Phase Diff.    H.pr 0.023          V.pr 0.038

GPSQC1  NM  Min SVs      8              PDOP max  1.1
        Total GPS pos  4              HDOP max  0.5
        Monitor status Yes            VDOP max  0.9
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 587177.0       End wk 1072   sec 587180.0
```

GPSVEC TP Point ID 3491 DX -3366.851 DY -1517.635
Class Normal DZ -4116.101 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.043

GPSQC1 NM Min SVs 7 PDOP max 1.2
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 587192.0 End wk 1072 sec 587194.0

GPSVEC TP Point ID 3492 DX -3380.209 DY -1508.031
Class Normal DZ -4108.701 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.036

GPSQC1 NM Min SVs 8 PDOP max 1.1
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 587218.0 End wk 1072 sec 587221.0

GPSVEC TP Point ID 3493 DX -3385.299 DY -1504.850
Class Normal DZ -4105.426 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.040

GPSQC1 NM Min SVs 8 PDOP max 1.1
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 587240.0 End wk 1072 sec 587243.0

GPSVEC TP Point ID 3494 DX -3387.162 DY -1502.568
Class Normal DZ -4104.494 Code GRD
Mthd Phase Diff. H.pr 0.030 V.pr 0.050

GPSQC1 NM Min SVs 8 PDOP max 1.2
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 587257.0 End wk 1072 sec 587259.0

GPSVEC TP Point ID 3495 DX -3396.680 DY -1495.481
Class Normal DZ -4099.308 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.040

```
GPSQC1  NM  Min SVs      8              PDOP max  1.1
        Total GPS pos  4              HDOP max  0.5
        Monitor status Yes            VDOP max  0.9
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 587291.0       End wk 1072   sec 587294.0

GPSVEC  TP  Point ID 3496       DX  -3407.937       DY  -1486.828
        Class Normal        DZ  -4093.128       Code GRD
        Mthd Phase Diff.    H.pr 0.022          V.pr 0.037

GPSQC1  NM  Min SVs      8              PDOP max  0.9
        Total GPS pos  4              HDOP max  0.5
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 587369.0       End wk 1072   sec 587374.0

GPSVEC  TP  Point ID 3497       DX  -3420.494       DY  -1477.388
        Class Normal        DZ  -4086.380       Code GRD
        Mthd Phase Diff.    H.pr 0.028          V.pr 0.046

GPSQC1  NM  Min SVs      8              PDOP max  1.1
        Total GPS pos  4              HDOP max  0.6
        Monitor status Yes            VDOP max  0.9
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 587401.0       End wk 1072   sec 587404.0

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GPSVEC  TP  Point ID 3498       DX  -3432.966       DY  -1467.440
        Class Normal        DZ  -4079.949       Code GRD
        Mthd Phase Diff.    H.pr 0.031          V.pr 0.053

GPSQC1  NM  Min SVs      8              PDOP max  1.1
        Total GPS pos  4              HDOP max  0.6
        Monitor status Yes            VDOP max  0.9
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 587429.0       End wk 1072   sec 587432.0

GPSVEC  TP  Point ID 3499       DX  -3440.288       DY  -1461.938
        Class Normal        DZ  -4076.178       Code GRD
        Mthd Phase Diff.    H.pr 0.026          V.pr 0.043
```

```
GPSQC1  NM  Min SVs      8              PDOP max  0.9
        Total GPS pos  7              HDOP max  0.4
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 587442.0      End wk 1072   sec 587448.0

GPSVEC  TP  Point ID 273       DX  -3498.186       DY  -1438.650
        Class Normal        DZ  -4065.291       Code SG 265+00W
        Mthd Phase Diff.    H.pr 0.022          V.pr 0.053

GPSQC1  NM  Min SVs      7              PDOP max  1.4
        Total GPS pos  5              HDOP max  0.5
        Monitor status Yes            VDOP max  1.2
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 587525.0      End wk 1072   sec 587529.0

INIT    KI  Init event    Lost            Week        1072
        Init type     On the fly        seconds     587537.0
        Init counter  2                 Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

INIT    KI  Init event    Gained          Week        1072
        Init type     On the fly        seconds     587555.0
        Init counter  3                 Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

GPSVEC  TP  Point ID 274       DX  -3498.188       DY  -1438.651
        Class Normal        DZ  -4065.287       Code SG 265+00W
        Mthd Phase Diff.    H.pr 0.016          V.pr 0.038

GPSQC1  NM  Min SVs      7              PDOP max  1.7
        Total GPS pos  3              HDOP max  0.7
        Monitor status Yes            VDOP max  1.5
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 587570.0      End wk 1072   sec 587572.0

NOTE    KI  LINE. Name: 17, Code: , Method: Two points, Start pt: 274,

NOTE    KI  End pt: 184, Azimuth: 289.963°, Length: 15.824ft,

NOTE    KI  Grade: 42.056°
```

GPSVEC TP Point ID 3500 DX -3493.333 DY -1437.757
Class Normal DZ -4068.843 Code TOE LEVEE
Mthd Phase Diff. H.pr 0.023 V.pr 0.055

GPSQC1 NM Min SVs 7 PDOP max 1.3
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 587700.0 End wk 1072 sec 587705.0

GPSVEC TP Point ID 3501 DX -3483.667 DY -1442.799
Class Normal DZ -4072.906 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.050

GPSQC1 NM Min SVs 7 PDOP max 1.4
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 1.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 587724.0 End wk 1072 sec 587728.0

GPSVEC TP Point ID 3502 DX -3466.260 DY -1453.431
Class Normal DZ -4079.555 Code GRD
Mthd Phase Diff. H.pr 0.029 V.pr 0.049

GPSQC1 NM Min SVs 8 PDOP max 0.9
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 587759.0 End wk 1072 sec 587763.0

GPSVEC TP Point ID 3503 DX -3451.836 DY -1462.812
Class Normal DZ -4084.268 Code GRD
Mthd Phase Diff. H.pr 0.020 V.pr 0.035

GPSQC1 NM Min SVs 8 PDOP max 1.0
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 587795.0 End wk 1072 sec 587798.0

GPSVEC TP Point ID 3504 DX -3433.753 DY -1475.058
Class Normal DZ -4091.162 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.042

```
GPSQC1  NM  Min SVs      8              PDOP max  0.9
        Total GPS pos  3              HDOP max  0.5
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 587833.0       End wk 1072   sec 587838.0

GPSVEC  TP  Point ID 3505       DX  -3416.506       DY  -1486.043
        Class Normal        DZ  -4096.903       Code GRD
        Mthd Phase Diff.    H.pr 0.025          V.pr 0.043

GPSQC1  NM  Min SVs      8              PDOP max  1.3
        Total GPS pos  3              HDOP max  0.6
        Monitor status Yes            VDOP max  1.1
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 587857.0       End wk 1072   sec 587859.0

GPSVEC  TP  Point ID 3506       DX  -3400.471       DY  -1496.187
        Class Normal        DZ  -4102.449       Code GRD
        Mthd Phase Diff.    H.pr 0.026          V.pr 0.045

GPSQC1  NM  Min SVs      8              PDOP max  1.0
        Total GPS pos  4              HDOP max  0.5
        Monitor status Yes            VDOP max  0.9
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 587889.0       End wk 1072   sec 587893.0

INIT    KI  Init event    Lost            Week        1072
        Init type     On the fly        seconds     587942.0
        Init counter  3                 Point ID    <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

INIT    KI  Init event    Gained          Week        1072
        Init type     On the fly        seconds     588361.0
        Init counter  4                 Point ID    <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

GPSVEC  TP  Point ID 275        DX  -2606.831       DY  -1366.955
        Class Normal        DZ  -3453.179       Code SG 275+00E
        Mthd Phase Diff.    H.pr 0.026          V.pr 0.048
```

```
GPSQC1  NM  Min SVs      7              PDOP max  1.3
        Total GPS pos  4              HDOP max  0.6
        Monitor status Yes            VDOP max  1.1
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 588545.0       End wk 1072   sec 588548.0

INIT    KI  Init event    Lost            Week        1072
        Init type     On the fly        seconds      588554.0
        Init counter  4                 Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

INIT    KI  Init event    Gained          Week        1072
        Init type     On the fly        seconds      588584.0
        Init counter  5                 Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

GPSVEC  TP  Point ID 276        DX  -2606.825        DY  -1366.955
        Class Normal        DZ  -3453.178        Code SG 275+00E
        Mthd Phase Diff.    H.pr 0.024           V.pr 0.045

GPSQC1  NM  Min SVs      7              PDOP max  1.1
        Total GPS pos  4              HDOP max  0.5
        Monitor status Yes            VDOP max  1.0
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 588590.0       End wk 1072   sec 588594.0

INIT    KI  Init event    Lost            Week        1072
        Init type     On the fly        seconds      588729.0
        Init counter  5                 Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

INIT    KI  Init event    Gained          Week        1072
        Init type     On the fly        seconds      589074.0
        Init counter  6                 Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

GPSVEC  TP  Point ID 277        DX  -2066.678        DY  -1040.186
        Class Normal        DZ  -2681.624        Code SG 285+00E
        Mthd Phase Diff.    H.pr 0.026           V.pr 0.046
```

```
GPSQC1  NM  Min SVs      7              PDOP max  1.3
        Total GPS pos  3              HDOP max  0.6
        Monitor status Yes            VDOP max  1.2
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 589128.0       End wk 1072   sec 589130.0

INIT    KI  Init event    Lost            Week        1072
        Init type     On the fly        seconds      589136.0
        Init counter  6                 Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

INIT    KI  Init event    Gained          Week        1072
        Init type     On the fly        seconds      589159.0
        Init counter  7                 Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

GPSVEC  TP  Point ID 278        DX  -2066.673        DY  -1040.160
        Class Normal        DZ  -2681.633        Code SG 285+00E
        Mthd Phase Diff.    H.pr 0.030           V.pr 0.053

GPSQC1  NM  Min SVs      6              PDOP max  1.4
        Total GPS pos  6              HDOP max  0.7
        Monitor status Yes            VDOP max  1.2
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 589167.0       End wk 1072   sec 589173.0

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INIT    KI  Init event    Lost            Week        1072
        Init type     On the fly        seconds      589281.0
        Init counter  7                 Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

INIT    KI  Init event    Gained          Week        1072
        Init type     On the fly        seconds      589501.0
        Init counter  8                 Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

GPSVEC  TP  Point ID 279        DX  -2308.740        DY  -866.667
        Class Normal        DZ  -2579.110        Code SG 285+00W
        Mthd Phase Diff.    H.pr 0.024           V.pr 0.051
```

GPSQC1 NM Min SVs 7 PDOP max 1.6
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 1.4
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 589556.0 End wk 1072 sec 589558.0

INIT KI Init event Lost Week 1072
Init type On the fly seconds 589564.0
Init counter 8 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1072
Init type On the fly seconds 589589.0
Init counter 9 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 280 DX -2308.751 DY -866.678
Class Normal DZ -2579.127 Code SG 285+00W
Mthd Phase Diff. H.pr 0.018 V.pr 0.038

GPSQC1 NM Min SVs 7 PDOP max 1.6
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 1.4
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 589594.0 End wk 1072 sec 589596.0

NOTE KI LINE. Name: 19, Code: , Method: Two points, Start pt: 279,

NOTE KI End pt: 277, Azimuth: 113.276°, Length: 314.937ft,

NOTE KI Grade: 0.119°

GPSVEC TP Point ID 3507 DX -2303.776 DY -865.979
Class Normal DZ -2583.060 Code TOE LEVEE
Mthd Phase Diff. H.pr 0.019 V.pr 0.039

GPSQC1 NM Min SVs 7 PDOP max 1.6
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 1.4
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 589686.0 End wk 1072 sec 589688.0

GPSVEC TP Point ID 3508 DX -2291.155 DY -874.147
Class Normal DZ -2588.508 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.035

GPSQC1 NM Min SVs 8 PDOP max 1.0
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 589714.0 End wk 1072 sec 589717.0

GPSVEC TP Point ID 3509 DX -2275.863 DY -884.453
Class Normal DZ -2595.298 Code GRD
Mthd Phase Diff. H.pr 0.028 V.pr 0.047

GPSQC1 NM Min SVs 8 PDOP max 1.1
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 589779.0 End wk 1072 sec 589781.0

GPSVEC TP Point ID 3510 DX -2260.846 DY -894.752
Class Normal DZ -2601.936 Code GRD
Mthd Phase Diff. H.pr 0.028 V.pr 0.047

GPSQC1 NM Min SVs 8 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 589798.0 End wk 1072 sec 589801.0

GPSVEC TP Point ID 3511 DX -2244.759 DY -905.940
Class Normal DZ -2608.572 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.039

GPSQC1 NM Min SVs 8 PDOP max 1.1
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 589821.0 End wk 1072 sec 589823.0

GPSVEC TP Point ID 3512 DX -2229.892 DY -916.498
Class Normal DZ -2615.434 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.041

GPSQC1 NM Min SVs 8 PDOP max 1.1
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 589841.0 End wk 1072 sec 589843.0

GPSVEC TP Point ID 3513 DX -2214.223 DY -926.853
Class Normal DZ -2622.431 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.043

GPSQC1 NM Min SVs 8 PDOP max 0.8
Total GPS pos 6 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 589862.0 End wk 1072 sec 589867.0

GPSVEC TP Point ID 3514 DX -2198.483 DY -937.627
Class Normal DZ -2628.951 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.034

GPSQC1 NM Min SVs 8 PDOP max 1.1
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 589891.0 End wk 1072 sec 589893.0

GPSVEC TP Point ID 3515 DX -2183.147 DY -948.437
Class Normal DZ -2635.839 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.037

GPSQC1 NM Min SVs 8 PDOP max 1.1
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 589910.0 End wk 1072 sec 589912.0

GPSVEC TP Point ID 3516 DX -2167.989 DY -959.686
Class Normal DZ -2642.131 Code GRD
Mthd Phase Diff. H.pr 0.032 V.pr 0.052

GPSQC1 NM Min SVs 8 PDOP max 1.1
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 589931.0 End wk 1072 sec 589933.0

GPSVEC TP Point ID 3517 DX -2154.488 DY -970.250
Class Normal DZ -2647.245 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.043

GPSQC1 NM Min SVs 8 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 589957.0 End wk 1072 sec 589960.0

GPSVEC TP Point ID 3518 DX -2147.567 DY -975.601
Class Normal DZ -2650.163 Code GRD
Mthd Phase Diff. H.pr 0.033 V.pr 0.053

GPSQC1 NM Min SVs 8 PDOP max 1.1
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 589976.0 End wk 1072 sec 589978.0

GPSVEC TP Point ID 3519 DX -2133.863 DY -984.990
Class Normal DZ -2656.066 Code GRD
Mthd Phase Diff. H.pr 0.029 V.pr 0.047

GPSQC1 NM Min SVs 8 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 590002.0 End wk 1072 sec 590005.0

GPSVEC TP Point ID 3520 DX -2121.932 DY -994.145
Class Normal DZ -2660.800 Code GRD
Mthd Phase Diff. H.pr 0.030 V.pr 0.049

GPSQC1 NM Min SVs 8 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 590022.0 End wk 1072 sec 590025.0

GPSVEC TP Point ID 3521 DX -2107.121 DY -1005.125
Class Normal DZ -2666.990 Code GRD
Mthd Phase Diff. H.pr 0.029 V.pr 0.047

GPSQC1 NM Min SVs 8 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 590037.0 End wk 1072 sec 590040.0

GPSVEC TP Point ID 3522 DX -2094.707 DY -1014.446
Class Normal DZ -2672.306 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.036

GPSQC1 NM Min SVs 8 PDOP max 1.1
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 590056.0 End wk 1072 sec 590058.0

GPSVEC TP Point ID 3523 DX -2089.494 DY -1018.609
Class Normal DZ -2673.752 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.043

GPSQC1 NM Min SVs 8 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 590076.0 End wk 1072 sec 590079.0

GPSVEC TP Point ID 3524 DX -2078.008 DY -1027.238
Class Normal DZ -2678.957 Code GRD
Mthd Phase Diff. H.pr 0.030 V.pr 0.048

GPSQC1 NM Min SVs 8 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 590097.0 End wk 1072 sec 590100.0

GPSVEC TP Point ID 3525 DX -2068.483 DY -1034.653
Class Normal DZ -2682.427 Code TOE LEVEE
Mthd Phase Diff. H.pr 0.029 V.pr 0.042

GPSQC1 NM Min SVs 6 PDOP max 1.7
Total GPS pos 3 HDOP max 0.9
Monitor status Yes VDOP max 1.4
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 590118.0 End wk 1072 sec 590120.0

```
INIT   KI  Init event   Lost          Week       1072
       Init type    On the fly       seconds    590127.0
       Init counter  9              Point ID    <no text>
       Survey type   Real Time        Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>

INIT   KI  Init event   Gained        Week       1072
       Init type    On the fly       seconds    590577.0
       Init counter  10             Point ID    <no text>
       Survey type   Real Time        Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>

GPSVEC TP  Point ID 281       DX  -2886.514       DY  -1183.892
       Class Normal       DZ  -3355.488       Code SG 275+00W
       Mthd Phase Diff.    H.pr 0.027          V.pr 0.047

GPSQC1 NM  Min SVs      7              PDOP max  1.2
       Total GPS pos  4             HDOP max  0.6
       Monitor status Yes           VDOP max  1.1
       Horizontal SD  0.000          Vert SD   0.000
       Start wk 1072 sec 590606.0      End wk 1072   sec 590609.0

INIT   KI  Init event   Lost          Week       1072
       Init type    On the fly       seconds    590616.0
       Init counter  10             Point ID    <no text>
       Survey type   Real Time        Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>

INIT   KI  Init event   Gained        Week       1072
       Init type    On the fly       seconds    590687.0
       Init counter  11             Point ID    <no text>
       Survey type   Real Time        Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>

GPSVEC TP  Point ID 282       DX  -2886.504       DY  -1183.950
       Class Normal       DZ  -3355.466       Code SG 275+00W
       Mthd Phase Diff.    H.pr 0.031          V.pr 0.052

GPSQC1 NM  Min SVs      7              PDOP max  1.4
       Total GPS pos  3             HDOP max  0.7
       Monitor status Yes           VDOP max  1.2
       Horizontal SD  0.000          Vert SD   0.000
       Start wk 1072 sec 590696.0      End wk 1072   sec 590698.0
```

```
INIT  KI  Init event    Lost            Week        1072
          Init type     On the fly      seconds     590712.0
          Init counter  11              Point ID    <no text>
          Survey type   Real Time       Plate H. Dist <null>
          Plate V. Dist <null>          Plate azimuth <null>

INIT  KI  Init event    Gained          Week        1072
          Init type     On the fly      seconds     590739.0
          Init counter  12              Point ID    <no text>
          Survey type   Real Time       Plate H. Dist <null>
          Plate V. Dist <null>          Plate azimuth <null>

GPSVEC  TP  Point ID 283      DX  -2886.508      DY  -1183.935
          Class Normal      DZ  -3355.524      Code SG 275+00W
          Mthd Phase Diff.  H.pr 0.025         V.pr 0.042

GPSQC1  NM  Min SVs     7             PDOP max  1.4
          Total GPS pos  3            HDOP max  0.7
          Monitor status Yes          VDOP max  1.2
          Horizontal SD  0.000        Vert SD   0.000
          Start wk 1072 sec 590748.0      End wk 1072   sec 590750.0

NOTE  KI  LINE. Name: 20, Code: , Method: Two points, Start pt: 275,

NOTE  KI  End pt: 281, Azimuth: 289.733°, Length: 348.201ft,

NOTE  KI  Grade: 0.197°

GPSVEC  TP  Point ID 3526     DX  -2881.924      DY  -1182.764
          Class Normal      DZ  -3359.013      Code TOE LEVEE
          Mthd Phase Diff.  H.pr 0.027         V.pr 0.045

GPSQC1  NM  Min SVs     7             PDOP max  1.3
          Total GPS pos  3            HDOP max  0.7
          Monitor status Yes          VDOP max  1.1
          Horizontal SD  0.000        Vert SD   0.000
          Start wk 1072 sec 590831.0      End wk 1072   sec 590833.0

GPSVEC  TP  Point ID 3527     DX  -2874.414      DY  -1186.983
          Class Normal      DZ  -3361.891      Code GRD
          Mthd Phase Diff.  H.pr 0.029         V.pr 0.048
```

```
GPSQC1  NM  Min SVs      7              PDOP max  1.3
        Total GPS pos  3              HDOP max  0.7
        Monitor status Yes            VDOP max  1.1
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 590857.0      End wk 1072   sec 590859.0

GPSVEC  TP  Point ID 3528      DX  -2862.421       DY  -1194.942
        Class Normal        DZ  -3366.181       Code GRD
        Mthd Phase Diff.    H.pr 0.023          V.pr 0.033

GPSQC1  NM  Min SVs      8              PDOP max  1.0
        Total GPS pos  3              HDOP max  0.6
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 590925.0      End wk 1072   sec 590927.0

GPSVEC  TP  Point ID 3529      DX  -2847.027       DY  -1205.126
        Class Normal        DZ  -3371.372       Code GRD
        Mthd Phase Diff.    H.pr 0.023          V.pr 0.034

GPSQC1  NM  Min SVs      8              PDOP max  0.9
        Total GPS pos  3              HDOP max  0.5
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 590951.0      End wk 1072   sec 590954.0

GPSVEC  TP  Point ID 3530      DX  -2842.544       DY  -1207.461
        Class Normal        DZ  -3373.213       Code GRD
        Mthd Phase Diff.    H.pr 0.037          V.pr 0.054

GPSQC1  NM  Min SVs      8              PDOP max  1.0
        Total GPS pos  3              HDOP max  0.6
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 590965.0      End wk 1072   sec 590967.0

GPSVEC  TP  Point ID 3531      DX  -2838.863       DY  -1210.382
        Class Normal        DZ  -3374.403       Code GRD
        Mthd Phase Diff.    H.pr 0.023          V.pr 0.034

GPSQC1  NM  Min SVs      8              PDOP max  1.0
        Total GPS pos  3              HDOP max  0.6
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 590974.0      End wk 1072   sec 590976.0
```

GPSVEC TP Point ID 3532 DX -2829.273 DY -1216.184
Class Normal DZ -3377.797 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.033

GPSQC1 NM Min SVs 8 PDOP max 1.0
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 590989.0 End wk 1072 sec 590991.0

GPSVEC TP Point ID 3533 DX -2818.780 DY -1223.447
Class Normal DZ -3381.395 Code GRD
Mthd Phase Diff. H.pr 0.036 V.pr 0.052

GPSQC1 NM Min SVs 8 PDOP max 1.0
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 591006.0 End wk 1072 sec 591008.0

GPSVEC TP Point ID 3534 DX -2803.583 DY -1232.730
Class Normal DZ -3386.793 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.034

GPSQC1 NM Min SVs 8 PDOP max 1.0
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 591025.0 End wk 1072 sec 591027.0

GPSVEC TP Point ID 3535 DX -2788.336 DY -1242.310
Class Normal DZ -3392.329 Code GRD
Mthd Phase Diff. H.pr 0.030 V.pr 0.044

GPSQC1 NM Min SVs 8 PDOP max 1.0
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 591045.0 End wk 1072 sec 591047.0

SURVEY EVENTKISurvey event Error while setting receiver mode

SURVEY KI Elev mask 10 PDOP mask 6.0

NOTE TS Time Date 07/29/2000 Time 20:11:20

```
EQUIP   NM  Receiver  4800              Serial no 20152374
        Antenna   4800 Internal
        Method    Measured to bottom of antenna mount
        Tape adj  0.000              Serial no <no text>
        Radius    0.000              V.Const   0.511

SURVEY EVENTKISurvey event Rover survey started

NOTE    TS  Time Date 07/29/2000 Time 20:11:55

GPSANT  KI  Antenna ht 5.092              Measuremt True

GPSREF  KI  Reference BAS3

INIT    KI  Init event    Gained          Week        1072
        Init type     On the fly       seconds      591131.0
        Init counter  12               Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

EQUIP   NM  Receiver  4800              Serial no 20152374
        Antenna   4800 Internal
        Method    Measured to bottom of antenna mount
        Tape adj  0.000              Serial no <no text>
        Radius    0.000              V.Const   0.511

GPSANT  KI  Antenna ht 5.906              Measuremt Uncorrected

GPSVEC  TP  Point ID 3536       DX  -2773.129       DY  -1251.150
        Class Normal        DZ  -3397.912       Code GRD
        Mthd Phase Diff.    H.pr 0.040          V.pr 0.058

GPSQC1  NM  Min SVs       8             PDOP max  0.4
        Total GPS pos  17             HDOP max  0.2
        Monitor status Yes            VDOP max  0.4
        Horizontal SD  0.000          Vert SD   0.000
        Start wk 1072 sec 591137.0       End wk 1072   sec 591156.0

GPSVEC  TP  Point ID 3537       DX  -2762.744       DY  -1257.716
        Class Normal        DZ  -3402.015       Code GRD
        Mthd Phase Diff.    H.pr 0.028          V.pr 0.040
```

GPSQC1 NM Min SVs 8 PDOP max 0.9
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 591185.0 End wk 1072 sec 591188.0

GPSVEC TP Point ID 3538 DX -2750.244 DY -1263.451
Class Normal DZ -3407.643 Code GRD
Mthd Phase Diff. H.pr 0.033 V.pr 0.047

GPSQC1 NM Min SVs 8 PDOP max 0.9
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 591206.0 End wk 1072 sec 591209.0

GPSVEC TP Point ID 3539 DX -2736.560 DY -1272.597
Class Normal DZ -3412.079 Code GRD
Mthd Phase Diff. H.pr 0.033 V.pr 0.047

GPSQC1 NM Min SVs 8 PDOP max 0.9
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 591225.0 End wk 1072 sec 591228.0

GPSVEC TP Point ID 3540 DX -2722.369 DY -1281.584
Class Normal DZ -3416.865 Code GRD
Mthd Phase Diff. H.pr 0.030 V.pr 0.043

GPSQC1 NM Min SVs 8 PDOP max 1.0
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 591242.0 End wk 1072 sec 591244.0

GPSVEC TP Point ID 3541 DX -2719.865 DY -1284.614
Class Normal DZ -3417.167 Code GRD
Mthd Phase Diff. H.pr 0.032 V.pr 0.045

GPSQC1 NM Min SVs 8 PDOP max 0.9
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 591254.0 End wk 1072 sec 591257.0

GPSVEC TP Point ID 3542 DX -2714.882 DY -1288.855
Class Normal DZ -3418.652 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.037

GPSQC1 NM Min SVs 8 PDOP max 1.0
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 591267.0 End wk 1072 sec 591269.0

GPSVEC TP Point ID 3543 DX -2700.444 DY -1299.276
Class Normal DZ -3423.320 Code GRD
Mthd Phase Diff. H.pr 0.034 V.pr 0.048

GPSQC1 NM Min SVs 8 PDOP max 1.0
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 591285.0 End wk 1072 sec 591287.0

GPSVEC TP Point ID 3544 DX -2684.674 DY -1310.043
Class Normal DZ -3428.967 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.033

GPSQC1 NM Min SVs 8 PDOP max 1.0
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 591302.0 End wk 1072 sec 591304.0

GPSVEC TP Point ID 3545 DX -2669.249 DY -1320.574
Class Normal DZ -3433.720 Code GRD
Mthd Phase Diff. H.pr 0.031 V.pr 0.043

GPSQC1 NM Min SVs 8 PDOP max 1.0
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1072 sec 591319.0 End wk 1072 sec 591321.0

GPSVEC TP Point ID 3546 DX -2653.019 DY -1331.463
Class Normal DZ -3439.458 Code GRD
Mthd Phase Diff. H.pr 0.033 V.pr 0.046

```
GPSQC1  NM  Min SVs      8              PDOP max  1.0
        Total GPS pos  3              HDOP max  0.6
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 591335.0       End wk 1072   sec 591337.0

GPSVEC  TP  Point ID 3547       DX   -2638.065       DY   -1341.358
        Class Normal        DZ   -3444.755       Code GRD
        Mthd Phase Diff.    H.pr 0.024           V.pr 0.034

GPSQC1  NM  Min SVs      7              PDOP max  1.2
        Total GPS pos  3              HDOP max  0.7
        Monitor status Yes            VDOP max  0.9
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 591355.0       End wk 1072   sec 591357.0

GPSVEC  TP  Point ID 3548       DX   -2623.042       DY   -1352.047
        Class Normal        DZ   -3449.304       Code GRD
        Mthd Phase Diff.    H.pr 0.041           V.pr 0.037

GPSQC1  NM  Min SVs      7              PDOP max  1.1
        Total GPS pos  4              HDOP max  0.8
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 591374.0       End wk 1072   sec 591377.0

GPSVEC  TP  Point ID 3549       DX   -2612.320       DY   -1358.748
        Class Normal        DZ   -3453.432       Code GRD
        Mthd Phase Diff.    H.pr 0.042           V.pr 0.038

GPSQC1  NM  Min SVs      7              PDOP max  1.2
        Total GPS pos  3              HDOP max  0.9
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 591389.0       End wk 1072   sec 591391.0

GPSVEC  TP  Point ID 3550       DX   -2608.926       DY   -1361.360
        Class Normal        DZ   -3454.287       Code TOE LEVEE
        Mthd Phase Diff.    H.pr 0.033           V.pr 0.037

GPSQC1  NM  Min SVs      6              PDOP max  1.4
        Total GPS pos  3              HDOP max  0.9
        Monitor status Yes            VDOP max  1.1
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1072 sec 591409.0       End wk 1072   sec 591411.0
```

```
INIT   KI  Init event   Lost          Week        1072
           Init type    On the fly    seconds     591418.0
           Init counter 12            Point ID    <no text>
           Survey type  Real Time      Plate H. Dist <null>
           Plate V. Dist <null>       Plate azimuth <null>

SURVEY  KI  Elev mask 10              PDOP mask 6.0

EQUIP   BA  Receiver  4800            Serial no 20141803
           Antenna   4800 Internal
           Method    Reading from hook using 4800 tape
           Tape adj  0.000             Serial no <no text>
           Radius    0.358             V.Const   0.104

SURVEY EVENTKISurvey event Base survey started

NOTE    TS  Time Date 08/01/2000 Time 15:28:54

EQUIP   BA  Receiver  4800            Serial no 20141803
           Antenna   4800 Internal
           Method    Reading from hook using 4800 tape
           Tape adj  0.000             Serial no <no text>
           Radius    0.358             V.Const   0.104

GPSANT  KI  Antenna ht 4.970          Measuremt Uncorrected

EQUIP   BA  Receiver  4800            Serial no 20141803
           Antenna   4800 Internal
           Method    Reading from hook using 4800 tape
           Tape adj  0.000             Serial no <no text>
           Radius    0.358             V.Const   0.104

GPSANT  KI  Antenna ht 4.970          Measuremt Uncorrected

EQUIP   BA  Receiver  4800            Serial no 20141803
           Antenna   4800 Internal
           Method    Reading from hook using 4800 tape
           Tape adj  0.000             Serial no <no text>
           Radius    0.358             V.Const   0.104

GPSANT  KI  Antenna ht 4.970          Measuremt Uncorrected

GPSREF  KI  Reference BAS3

SURVEY  KI  Elev mask 10              PDOP mask 6.0
```

```
EQUIP   NM  Receiver  4800                Serial no 20152374
        Antenna   4800 Internal
        Method    Measured to bottom of antenna mount
        Tape adj  0.000                 Serial no <no text>
        Radius    0.000                 V.Const   0.511

SURVEY EVENTKISurvey event Rover survey started

NOTE    TS  Time Date 08/01/2000 Time 15:29:59

GPSANT  KI  Antenna ht 5.062                Measuremt True

GPSREF  KI  Reference BAS3

INIT    KI  Init event    Gained            Week        1073
        Init type     On the fly        seconds     230045.0
        Init counter  1                 Point ID    <no text>
        Survey type   Real Time           Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

INIT    KI  Init event    Lost              Week        1073
        Init type     On the fly        seconds     230145.0
        Init counter  1                 Point ID    <no text>
        Survey type   Real Time           Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

EQUIP   NM  Receiver  4800                Serial no 20152374
        Antenna   4800 Internal
        Method    Measured to bottom of antenna mount
        Tape adj  0.000                 Serial no <no text>
        Radius    0.000                 V.Const   0.511

SURVEY EVENTKISurvey event Rover survey started

NOTE    TS  Time Date 08/01/2000 Time 15:56:34

GPSANT  KI  Antenna ht 5.062                Measuremt True

NOTE    TS  Time Date 08/01/2000 Time 15:58:46

GPSREF  KI  Reference BAS3
```

```
INIT   KI  Init event   Gained          Week        1073
       Init type    On the fly       seconds      230435.0
       Init counter  1              Point ID     <no text>
       Survey type   Real Time        Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>

EQUIP  NM  Receiver  4800              Serial no 20152374
       Antenna   4800 Internal
       Method    Measured to bottom of antenna mount
       Tape adj  0.000              Serial no <no text>
       Radius    0.000              V.Const   0.511

GPSANT  KI  Antenna ht 5.906            Measuremt Uncorrected

GPSVEC  TP  Point ID 284       DX  -1574.154       DY  -660.709
       Class Normal        DZ  -1867.569       Code SG 295+00E
       Mthd Phase Diff.    H.pr 0.032          V.pr 0.034

GPSQC1  NM  Min SVs       5             PDOP max  1.2
       Total GPS pos  5             HDOP max  0.8
       Monitor status Yes           VDOP max  0.9
       Horizontal SD  0.000          Vert SD   0.000
       Start wk 1073 sec 230445.0      End wk 1073   sec 230449.0

INIT   KI  Init event   Lost            Week        1073
       Init type    On the fly       seconds      230455.0
       Init counter  1              Point ID     <no text>
       Survey type   Real Time        Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>

INIT   KI  Init event   Gained          Week        1073
       Init type    On the fly       seconds      230500.0
       Init counter  2              Point ID     <no text>
       Survey type   Real Time        Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>

GPSVEC  TP  Point ID 285       DX  -1574.159       DY  -660.694
       Class Normal        DZ  -1867.560       Code SG 295+00E
       Mthd Phase Diff.    H.pr 0.033          V.pr 0.035

GPSQC1  NM  Min SVs       5             PDOP max  1.2
       Total GPS pos  5             HDOP max  0.8
       Monitor status Yes           VDOP max  0.8
       Horizontal SD  0.000          Vert SD   0.000
       Start wk 1073 sec 230505.0      End wk 1073   sec 230509.0
```

```
INIT   KI  Init event   Lost          Week       1073
       Init type    On the fly      seconds     230579.0
       Init counter  2             Point ID    <no text>
       Survey type   Real Time        Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>

INIT   KI  Init event   Gained        Week       1073
       Init type    On the fly      seconds     230723.0
       Init counter  3             Point ID    <no text>
       Survey type   Real Time        Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>

GPSVEC  TP  Point ID 286       DX  -1810.015       DY  -553.870
       Class Normal        DZ  -1854.559       Code SG 295+00W
       Mthd Phase Diff.    H.pr 0.040          V.pr 0.041

GPSQC1  NM  Min SVs      4             PDOP max  1.2
       Total GPS pos  5            HDOP max  0.8
       Monitor status Yes          VDOP max  0.8
       Horizontal SD  0.000          Vert SD   0.000
       Start wk 1073 sec 230731.0      End wk 1073   sec 230735.0

INIT   KI  Init event   Lost          Week       1073
       Init type    On the fly      seconds     230740.0
       Init counter  3             Point ID    <no text>
       Survey type   Real Time        Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>

INIT   KI  Init event   Gained        Week       1073
       Init type    On the fly      seconds     230816.0
       Init counter  4             Point ID    <no text>
       Survey type   Real Time        Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>

GPSVEC  TP  Point ID 287       DX  -1810.020       DY  -553.853
       Class Normal        DZ  -1854.560       Code SG 295+00W
       Mthd Phase Diff.    H.pr 0.038          V.pr 0.037

GPSQC1  NM  Min SVs      5             PDOP max  1.1
       Total GPS pos  5            HDOP max  0.8
       Monitor status Yes          VDOP max  0.8
       Horizontal SD  0.000          Vert SD   0.000
       Start wk 1073 sec 230822.0      End wk 1073   sec 230826.0

NOTE   KI  LINE. Name: 21, Code: , Method: Two points, Start pt: 286,
```

NOTE KI End pt: 284, Azimuth: 93.753°, Length: 259.221ft,

NOTE KI Grade: 0.156°

GPSVEC TP Point ID 3551 DX -1805.735 DY -552.537
Class Normal DZ -1856.539 Code TOE LEVEE
Mthd Phase Diff. H.pr 0.040 V.pr 0.039

GPSQC1 NM Min SVs 5 PDOP max 0.8
Total GPS pos 9 HDOP max 0.6
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 230914.0 End wk 1073 sec 230923.0

GPSVEC TP Point ID 3552 DX -1803.812 DY -552.799
Class Normal DZ -1857.220 Code GRD
Mthd Phase Diff. H.pr 0.047 V.pr 0.045

GPSQC1 NM Min SVs 5 PDOP max 1.1
Total GPS pos 5 HDOP max 0.8
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 230941.0 End wk 1073 sec 230945.0

GPSVEC TP Point ID 3553 DX -1788.902 DY -558.719
Class Normal DZ -1858.533 Code GRD
Mthd Phase Diff. H.pr 0.033 V.pr 0.032

GPSQC1 NM Min SVs 5 PDOP max 1.2
Total GPS pos 4 HDOP max 0.9
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 230967.0 End wk 1073 sec 230970.0

GPSVEC TP Point ID 3554 DX -1771.710 DY -566.068
Class Normal DZ -1859.927 Code GRD
Mthd Phase Diff. H.pr 0.042 V.pr 0.040

GPSQC1 NM Min SVs 5 PDOP max 1.1
Total GPS pos 5 HDOP max 0.8
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 230987.0 End wk 1073 sec 230991.0

GPSVEC TP Point ID 3555 DX -1758.598 DY -571.624
Class Normal DZ -1860.395 Code GRD
Mthd Phase Diff. H.pr 0.035 V.pr 0.042

GPSQC1 NM Min SVs 6 PDOP max 0.9
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 231009.0 End wk 1073 sec 231011.0

GPSVEC TP Point ID 3556 DX -1745.687 DY -577.440
Class Normal DZ -1861.085 Code GRD
Mthd Phase Diff. H.pr 0.032 V.pr 0.039

GPSQC1 NM Min SVs 6 PDOP max 0.8
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 231028.0 End wk 1073 sec 231031.0

GPSVEC TP Point ID 3557 DX -1730.334 DY -584.393
Class Normal DZ -1862.127 Code GRD
Mthd Phase Diff. H.pr 0.031 V.pr 0.037

GPSQC1 NM Min SVs 6 PDOP max 0.7
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 231064.0 End wk 1073 sec 231068.0

GPSVEC TP Point ID 3558 DX -1720.393 DY -590.024
Class Normal DZ -1862.197 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.028

GPSQC1 NM Min SVs 6 PDOP max 0.7
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 231084.0 End wk 1073 sec 231088.0

GPSVEC TP Point ID 3559 DX -1711.792 DY -592.668
Class Normal DZ -1863.382 Code GRD
Mthd Phase Diff. H.pr 0.038 V.pr 0.038

```
GPSQC1  NM  Min SVs      6              PDOP max  0.8
        Total GPS pos  6              HDOP max  0.6
        Monitor status Yes            VDOP max  0.6
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 231099.0       End wk 1073   sec 231130.0

GPSVEC  TP  Point ID 3560       DX  -1706.820       DY  -595.906
        Class Normal        DZ  -1862.765       Code GRD
        Mthd Phase Diff.    H.pr 0.029          V.pr 0.034

GPSQC1  NM  Min SVs      6              PDOP max  0.7
        Total GPS pos  5              HDOP max  0.5
        Monitor status Yes            VDOP max  0.6
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 231140.0       End wk 1073   sec 231144.0

GPSVEC  TP  Point ID 3561       DX  -1702.729       DY  -596.798
        Class Normal        DZ  -1863.703       Code GRD
        Mthd Phase Diff.    H.pr 0.045          V.pr 0.053

GPSQC1  NM  Min SVs      6              PDOP max  0.5
        Total GPS pos  10             HDOP max  0.4
        Monitor status Yes            VDOP max  0.4
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 231157.0       End wk 1073   sec 231166.0

GPSVEC  TP  Point ID 3562       DX  -1693.583       DY  -602.020
        Class Normal        DZ  -1863.588       Code GRD
        Mthd Phase Diff.    H.pr 0.044          V.pr 0.037

GPSQC1  NM  Min SVs      5              PDOP max  1.6
        Total GPS pos  4              HDOP max  1.2
        Monitor status Yes            VDOP max  1.0
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 231181.0       End wk 1073   sec 231184.0

GPSVEC  TP  Point ID 3563       DX  -1689.868       DY  -602.918
        Class Normal        DZ  -1864.438       Code GRD
        Mthd Phase Diff.    H.pr 0.046          V.pr 0.039

GPSQC1  NM  Min SVs      5              PDOP max  1.9
        Total GPS pos  3              HDOP max  1.5
        Monitor status Yes            VDOP max  1.2
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 231193.0       End wk 1073   sec 231195.0
```

GPSVEC TP Point ID 3564 DX -1673.092 DY -610.649
Class Normal DZ -1865.212 Code GRD
Mthd Phase Diff. H.pr 0.040 V.pr 0.034

GPSQC1 NM Min SVs 5 PDOP max 1.4
Total GPS pos 5 HDOP max 1.0
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 231218.0 End wk 1073 sec 231223.0

GPSVEC TP Point ID 3565 DX -1656.363 DY -618.772
Class Normal DZ -1865.698 Code GRD
Mthd Phase Diff. H.pr 0.036 V.pr 0.031

GPSQC1 NM Min SVs 5 PDOP max 1.7
Total GPS pos 4 HDOP max 1.3
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 231241.0 End wk 1073 sec 231244.0

GPSVEC TP Point ID 3566 DX -1639.542 DY -626.290
Class Normal DZ -1866.788 Code GRD
Mthd Phase Diff. H.pr 0.033 V.pr 0.038

GPSQC1 NM Min SVs 6 PDOP max 0.8
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 231261.0 End wk 1073 sec 231264.0

GPSVEC TP Point ID 3567 DX -1623.454 DY -633.820
Class Normal DZ -1867.455 Code GRD
Mthd Phase Diff. H.pr 0.047 V.pr 0.040

GPSQC1 NM Min SVs 5 PDOP max 1.2
Total GPS pos 9 HDOP max 0.9
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 231276.0 End wk 1073 sec 231284.0

GPSVEC TP Point ID 3568 DX -1608.513 DY -640.502
Class Normal DZ -1868.152 Code GRD
Mthd Phase Diff. H.pr 0.037 V.pr 0.043

```
GPSQC1  NM  Min SVs      6              PDOP max  0.7
        Total GPS pos  6              HDOP max  0.4
        Monitor status Yes            VDOP max  0.5
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 231302.0      End wk 1073   sec 231307.0

GPSVEC  TP  Point ID 3569      DX  -1601.941       DY  -644.127
        Class Normal        DZ  -1868.247       Code GRD
        Mthd Phase Diff.    H.pr 0.047          V.pr 0.055

GPSQC1  NM  Min SVs      6              PDOP max  0.8
        Total GPS pos  3              HDOP max  0.5
        Monitor status Yes            VDOP max  0.6
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 231323.0      End wk 1073   sec 231326.0

GPSVEC  TP  Point ID 3570      DX  -1587.545       DY  -650.364
        Class Normal        DZ  -1869.462       Code GRD
        Mthd Phase Diff.    H.pr 0.035          V.pr 0.041

GPSQC1  NM  Min SVs      6              PDOP max  0.8
        Total GPS pos  4              HDOP max  0.5
        Monitor status Yes            VDOP max  0.6
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 231341.0      End wk 1073   sec 231344.0

GPSVEC  TP  Point ID 3571      DX  -1578.675       DY  -654.520
        Class Normal        DZ  -1869.707       Code GRD
        Mthd Phase Diff.    H.pr 0.040          V.pr 0.034

GPSQC1  NM  Min SVs      5              PDOP max  1.2
        Total GPS pos  7              HDOP max  0.9
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 231358.0      End wk 1073   sec 231365.0

GPSVEC  TP  Point ID 3572      DX  -1576.367       DY  -656.119
        Class Normal        DZ  -1869.536       Code TOE LEVEE
        Mthd Phase Diff.    H.pr 0.045          V.pr 0.039

GPSQC1  NM  Min SVs      5              PDOP max  1.2
        Total GPS pos  8              HDOP max  0.9
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 231383.0      End wk 1073   sec 231391.0
```

```
INIT   KI  Init event    Lost            Week        1073
       Init type     On the fly       seconds      231398.0
       Init counter  4               Point ID     <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>

SURVEY  KI  Elev mask 10                PDOP mask 6.0

EQUIP   NM  Receiver  4800              Serial no 20152374
       Antenna   4800 Internal
       Method    Measured to bottom of antenna mount
       Tape adj  0.000              Serial no <no text>
       Radius    0.000              V.Const   0.511

SURVEY EVENTKISurvey event Rover survey started

NOTE    TS  Time Date 08/01/2000 Time 20:02:08

SURVEY  KI  Elev mask 10                PDOP mask 6.0

SURVEY  KI  Elev mask 10                PDOP mask 6.0

EQUIP   NM  Receiver  4800              Serial no 20152374
       Antenna   4800 Internal
       Method    Measured to bottom of antenna mount
       Tape adj  0.000              Serial no <no text>
       Radius    0.000              V.Const   0.511

SURVEY EVENTKISurvey event Rover survey started

NOTE    TS  Time Date 08/01/2000 Time 20:02:58

GPSANT  KI  Antenna ht 5.062            Measuremt True

GPSREF  KI  Reference BAS3

INIT   KI  Init event    Gained          Week        1073
       Init type     On the fly       seconds      245916.0
       Init counter  1               Point ID     <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>
```

```
EQUIP  NM  Receiver  4800              Serial no 20152374
       Antenna  4800 Internal
       Method   Measured to bottom of antenna mount
       Tape adj  0.000              Serial no <no text>
       Radius   0.000              V.Const  0.511

GPSANT  KI  Antenna ht 5.906              Measuremt Uncorrected

GPSVEC  TP  Point ID 288       DX  -1292.296       DY  -411.799
       Class Normal       DZ  -1355.578       Code SG 302+50E
       Mthd Phase Diff.    H.pr 0.036          V.pr 0.035

GPSQC1  NM  Min SVs      6              PDOP max  1.1
       Total GPS pos  5              HDOP max  0.8
       Monitor status Yes            VDOP max  0.8
       Horizontal SD  0.000           Vert SD   0.000
       Start wk 1073 sec 245952.0       End wk 1073   sec 245956.0

INIT   KI  Init event   Lost            Week        1073
       Init type    On the fly        seconds      245963.0
       Init counter  1               Point ID     <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>

INIT   KI  Init event   Gained          Week        1073
       Init type    On the fly        seconds      245997.0
       Init counter  2               Point ID     <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>

GPSVEC  TP  Point ID 289       DX  -1292.248       DY  -411.749
       Class Normal       DZ  -1355.576       Code SG 302+50E
       Mthd Phase Diff.    H.pr 0.036          V.pr 0.044

GPSQC1  NM  Min SVs      8              PDOP max  0.8
       Total GPS pos  4              HDOP max  0.5
       Monitor status Yes            VDOP max  0.6
       Horizontal SD  0.000           Vert SD   0.000
       Start wk 1073 sec 246003.0       End wk 1073   sec 246006.0

INIT   KI  Init event   Lost            Week        1073
       Init type    On the fly        seconds      246022.0
       Init counter  2               Point ID     <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>
```

```
INIT   KI  Init event   Gained          Week        1073
       Init type    On the fly       seconds      246051.0
       Init counter  3              Point ID     <no text>
       Survey type   Real Time        Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>

GPSVEC  TP  Point ID 290       DX  -1292.270       DY  -411.758
       Class Normal       DZ  -1355.567       Code SG 302+50E
       Mthd Phase Diff.    H.pr 0.021          V.pr 0.030

GPSQC1  NM  Min SVs      7              PDOP max  1.1
       Total GPS pos  4              HDOP max  0.6
       Monitor status Yes            VDOP max  0.9
       Horizontal SD  0.000          Vert SD   0.000
       Start wk 1073 sec 246058.0       End wk 1073   sec 246061.0

INIT   KI  Init event   Lost          Week        1073
       Init type    On the fly       seconds      246081.0
       Init counter  3              Point ID     <no text>
       Survey type   Real Time        Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>

INIT   KI  Init event   Gained          Week        1073
       Init type    On the fly       seconds      246165.0
       Init counter  4              Point ID     <no text>
       Survey type   Real Time        Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>

GPSVEC  TP  Point ID 291       DX  -1434.080       DY  -311.233
       Class Normal       DZ  -1296.861       Code SG 302+16W
       Mthd Phase Diff.    H.pr 0.031          V.pr 0.031

GPSQC1  NM  Min SVs      7              PDOP max  1.0
       Total GPS pos  4              HDOP max  0.7
       Monitor status Yes            VDOP max  0.7
       Horizontal SD  0.000          Vert SD   0.000
       Start wk 1073 sec 246206.0       End wk 1073   sec 246210.0

INIT   KI  Init event   Lost          Week        1073
       Init type    On the fly       seconds      246217.0
       Init counter  4              Point ID     <no text>
       Survey type   Real Time        Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>
```

```
INIT   KI  Init event   Gained          Week        1073
       Init type    On the fly       seconds      246250.0
       Init counter  5              Point ID     <no text>
       Survey type   Real Time        Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>

GPSVEC  TP  Point ID 292       DX  -1434.090       DY  -311.175
       Class Normal       DZ  -1296.867       Code SG 302+16W
       Mthd Phase Diff.    H.pr 0.038          V.pr 0.038

GPSQC1  NM  Min SVs       7              PDOP max  0.8
       Total GPS pos  7              HDOP max  0.6
       Monitor status Yes            VDOP max  0.6
       Horizontal SD  0.000           Vert SD   0.000
       Start wk 1073 sec 246255.0       End wk 1073   sec 246261.0

INIT   KI  Init event   Lost          Week        1073
       Init type    On the fly       seconds      246275.0
       Init counter  5              Point ID     <no text>
       Survey type   Real Time        Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>

INIT   KI  Init event   Gained          Week        1073
       Init type    On the fly       seconds      246307.0
       Init counter  6              Point ID     <no text>
       Survey type   Real Time        Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>

GPSVEC  TP  Point ID 293       DX  -1434.087       DY  -311.101
       Class Normal       DZ  -1296.851       Code SG 302+16W
       Mthd Phase Diff.    H.pr 0.038          V.pr 0.038

GPSQC1  NM  Min SVs       7              PDOP max  1.0
       Total GPS pos  5              HDOP max  0.7
       Monitor status Yes            VDOP max  0.7
       Horizontal SD  0.000           Vert SD   0.000
       Start wk 1073 sec 246311.0       End wk 1073   sec 246315.0

INIT   KI  Init event   Lost          Week        1073
       Init type    On the fly       seconds      246331.0
       Init counter  6              Point ID     <no text>
       Survey type   Real Time        Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>
```

```
INIT   KI  Init event   Gained          Week        1073
           Init type    On the fly       seconds     246385.0
           Init counter 7                Point ID    <no text>
           Survey type  Real Time        Plate H. Dist <null>
           Plate V. Dist <null>          Plate azimuth <null>

GPSVEC  TP  Point ID 294      DX  -1434.100      DY  -311.259
           Class Normal      DZ  -1296.886      Code SG 302+16W
           Mthd Phase Diff.   H.pr 0.032         V.pr 0.042

GPSQC1  NM  Min SVs      6            PDOP max  1.6
           Total GPS pos  5            HDOP max  1.0
           Monitor status Yes          VDOP max  1.3
           Horizontal SD  0.000        Vert SD   0.000
           Start wk 1073 sec 246389.0      End wk 1073   sec 246393.0

NOTE   KI  LINE. Name: 22, Code: , Method: Two points, Start pt: 294,

NOTE   KI  End pt: 290, Azimuth: 112.828°, Length: 183.440ft,

NOTE   KI  Grade: 0.077°

GPSVEC  TP  Point ID 3573     DX  -1446.013      DY  -319.356
           Class Normal      DZ  -1324.079      Code TOE LEVEE
           Mthd Phase Diff.   H.pr 0.045         V.pr 0.059

GPSQC1  NM  Min SVs      6            PDOP max  0.8
           Total GPS pos  16           HDOP max  0.5
           Monitor status Yes          VDOP max  0.7
           Horizontal SD  0.000        Vert SD   0.000
           Start wk 1073 sec 246488.0      End wk 1073   sec 246508.0

GPSVEC  TP  Point ID 3574     DX  -1443.197      DY  -320.840
           Class Normal      DZ  -1325.870      Code GRD
           Mthd Phase Diff.   H.pr 0.037         V.pr 0.037

GPSQC1  NM  Min SVs      7            PDOP max  0.8
           Total GPS pos  8            HDOP max  0.5
           Monitor status Yes          VDOP max  0.5
           Horizontal SD  0.000        Vert SD   0.000
           Start wk 1073 sec 246521.0      End wk 1073   sec 246528.0

GPSVEC  TP  Point ID 3575     DX  -1434.743      DY  -326.958
           Class Normal      DZ  -1329.147      Code GRD
           Mthd Phase Diff.   H.pr 0.046         V.pr 0.054
```

```
GPSQC1  NM  Min SVs      8              PDOP max  0.8
        Total GPS pos  4              HDOP max  0.5
        Monitor status Yes            VDOP max  0.6
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 246552.0       End wk 1073   sec 246555.0

GPSVEC  TP  Point ID 3576       DX  -1427.915       DY  -331.162
        Class Normal        DZ  -1331.971       Code GRD
        Mthd Phase Diff.    H.pr 0.033          V.pr 0.046

GPSQC1  NM  Min SVs      7              PDOP max  0.9
        Total GPS pos  6              HDOP max  0.5
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 246569.0       End wk 1073   sec 246574.0

GPSVEC  TP  Point ID 3577       DX  -1422.213       DY  -335.872
        Class Normal        DZ  -1334.181       Code GRD
        Mthd Phase Diff.    H.pr 0.038          V.pr 0.053

GPSQC1  NM  Min SVs      7              PDOP max  1.0
        Total GPS pos  4              HDOP max  0.6
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 246587.0       End wk 1073   sec 246590.0

GPSVEC  TP  Point ID 3578       DX  -1407.758       DY  -345.707
        Class Normal        DZ  -1340.109       Code GRD
        Mthd Phase Diff.    H.pr 0.029          V.pr 0.040

GPSQC1  NM  Min SVs      7              PDOP max  1.2
        Total GPS pos  3              HDOP max  0.7
        Monitor status Yes            VDOP max  1.0
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 246606.0       End wk 1073   sec 246608.0

GPSVEC  TP  Point ID 3579       DX  -1393.985       DY  -355.126
        Class Normal        DZ  -1345.720       Code GRD
        Mthd Phase Diff.    H.pr 0.025          V.pr 0.035

GPSQC1  NM  Min SVs      7              PDOP max  1.2
        Total GPS pos  3              HDOP max  0.7
        Monitor status Yes            VDOP max  1.0
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 246622.0       End wk 1073   sec 246624.0
```

GPSVEC TP Point ID 3580 DX -1384.645 DY -361.966
Class Normal DZ -1349.386 Code GRD
Mthd Phase Diff. H.pr 0.036 V.pr 0.051

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 246637.0 End wk 1073 sec 246640.0

GPSVEC TP Point ID 3581 DX -1372.857 DY -370.205
Class Normal DZ -1354.542 Code GRD
Mthd Phase Diff. H.pr 0.035 V.pr 0.049

GPSQC1 NM Min SVs 7 PDOP max 1.2
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 246655.0 End wk 1073 sec 246657.0

GPSVEC TP Point ID 3582 DX -1366.332 DY -375.601
Class Normal DZ -1357.039 Code GRD
Mthd Phase Diff. H.pr 0.037 V.pr 0.051

GPSQC1 NM Min SVs 7 PDOP max 1.2
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 246669.0 End wk 1073 sec 246671.0

GPSVEC TP Point ID 3583 DX -1352.733 DY -384.671
Class Normal DZ -1362.766 Code GRD
Mthd Phase Diff. H.pr 0.039 V.pr 0.054

GPSQC1 NM Min SVs 7 PDOP max 1.2
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 246689.0 End wk 1073 sec 246691.0

GPSVEC TP Point ID 3584 DX -1345.455 DY -389.707
Class Normal DZ -1366.020 Code GRD
Mthd Phase Diff. H.pr 0.037 V.pr 0.052

```
GPSQC1  NM  Min SVs      7              PDOP max  1.1
        Total GPS pos  3              HDOP max  0.6
        Monitor status Yes            VDOP max  0.9
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 246708.0      End wk 1073   sec 246711.0

GPSVEC  TP  Point ID 3585      DX  -1340.090       DY  -393.588
        Class Normal       DZ  -1367.650       Code GRD
        Mthd Phase Diff.    H.pr 0.032          V.pr 0.044

GPSQC1  NM  Min SVs      7              PDOP max  1.2
        Total GPS pos  3              HDOP max  0.7
        Monitor status Yes            VDOP max  1.0
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 246722.0      End wk 1073   sec 246724.0

NOTE    TS  Time Date 08/01/2000 Time 20:32:02

GPSVEC  TP  Point ID 3586      DX  -1335.674       DY  -396.121
        Class Normal       DZ  -1370.019       Code GRD
        Mthd Phase Diff.    H.pr 0.034          V.pr 0.048

GPSQC1  NM  Min SVs      7              PDOP max  1.2
        Total GPS pos  3              HDOP max  0.7
        Monitor status Yes            VDOP max  1.0
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 246733.0      End wk 1073   sec 246735.0

GPSVEC  TP  Point ID 3587      DX  -1330.597       DY  -399.836
        Class Normal       DZ  -1372.307       Code GRD
        Mthd Phase Diff.    H.pr 0.027          V.pr 0.037

GPSQC1  NM  Min SVs      7              PDOP max  1.2
        Total GPS pos  3              HDOP max  0.7
        Monitor status Yes            VDOP max  1.0
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 246747.0      End wk 1073   sec 246749.0

GPSVEC  TP  Point ID 3588      DX  -1326.723       DY  -403.483
        Class Normal       DZ  -1373.564       Code GRD
        Mthd Phase Diff.    H.pr 0.028          V.pr 0.040
```

GPSQC1 NM Min SVs 7 PDOP max 1.2
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 246758.0 End wk 1073 sec 246760.0

GPSVEC TP Point ID 3589 DX -1322.375 DY -406.528
Class Normal DZ -1375.630 Code GRD
Mthd Phase Diff. H.pr 0.030 V.pr 0.042

GPSQC1 NM Min SVs 7 PDOP max 1.2
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 246772.0 End wk 1073 sec 246774.0

GPSVEC TP Point ID 3590 DX -1318.265 DY -409.769
Class Normal DZ -1377.215 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.037

GPSQC1 NM Min SVs 7 PDOP max 1.2
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 246783.0 End wk 1073 sec 246785.0

GPSVEC TP Point ID 3591 DX -1313.359 DY -412.748
Class Normal DZ -1378.802 Code GRD
Mthd Phase Diff. H.pr 0.038 V.pr 0.053

GPSQC1 NM Min SVs 7 PDOP max 1.2
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 246796.0 End wk 1073 sec 246798.0

GPSVEC TP Point ID 3592 DX -1309.562 DY -416.064
Class Normal DZ -1380.162 Code GRD
Mthd Phase Diff. H.pr 0.031 V.pr 0.044

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 246811.0 End wk 1073 sec 246815.0

GPSVEC TP Point ID 3593 DX -1308.080 DY -418.284
Class Normal DZ -1380.625 Code TOE LEVEE
Mthd Phase Diff. H.pr 0.030 V.pr 0.041

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 246833.0 End wk 1073 sec 246836.0

GPSVEC TP Point ID 3594 DX -1293.805 DY -406.444
Class Normal DZ -1356.763 Code TOE LEVEE
Mthd Phase Diff. H.pr 0.024 V.pr 0.033

GPSQC1 NM Min SVs 7 PDOP max 1.2
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 246851.0 End wk 1073 sec 246853.0

GPSVEC TP Point ID 3595 DX -1296.669 DY -404.032
Class Normal DZ -1355.887 Code CNC
Mthd Phase Diff. H.pr 0.023 V.pr 0.032

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 246866.0 End wk 1073 sec 246870.0

GPSVEC TP Point ID 3596 DX -1310.237 DY -394.402
Class Normal DZ -1350.074 Code CNC
Mthd Phase Diff. H.pr 0.024 V.pr 0.033

GPSQC1 NM Min SVs 7 PDOP max 1.2
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 246887.0 End wk 1073 sec 246889.0

GPSVEC TP Point ID 3597 DX -1324.072 DY -384.530
Class Normal DZ -1344.411 Code CNC
Mthd Phase Diff. H.pr 0.025 V.pr 0.034

```
GPSQC1  NM  Min SVs      7              PDOP max  1.2
        Total GPS pos  3              HDOP max  0.7
        Monitor status Yes            VDOP max  0.9
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 246903.0      End wk 1073   sec 246905.0

GPSVEC  TP  Point ID 3598      DX  -1337.771       DY  -375.014
        Class Normal       DZ  -1338.766       Code CNC
        Mthd Phase Diff.    H.pr 0.023          V.pr 0.032

GPSQC1  NM  Min SVs      7              PDOP max  1.0
        Total GPS pos  4              HDOP max  0.6
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 246918.0      End wk 1073   sec 246921.0

GPSVEC  TP  Point ID 3599      DX  -1347.976       DY  -367.864
        Class Normal       DZ  -1334.506       Code CNC
        Mthd Phase Diff.    H.pr 0.024          V.pr 0.033

GPSQC1  NM  Min SVs      7              PDOP max  1.2
        Total GPS pos  3              HDOP max  0.7
        Monitor status Yes            VDOP max  0.9
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 246932.0      End wk 1073   sec 246934.0

GPSVEC  TP  Point ID 3600      DX  -1362.191       DY  -357.695
        Class Normal       DZ  -1328.499       Code CNC
        Mthd Phase Diff.    H.pr 0.036          V.pr 0.050

GPSQC1  NM  Min SVs      7              PDOP max  1.0
        Total GPS pos  5              HDOP max  0.6
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 246947.0      End wk 1073   sec 246951.0

GPSVEC  TP  Point ID 3601      DX  -1377.325       DY  -347.018
        Class Normal       DZ  -1322.458       Code CNC
        Mthd Phase Diff.    H.pr 0.036          V.pr 0.050

GPSQC1  NM  Min SVs      7              PDOP max  1.2
        Total GPS pos  3              HDOP max  0.7
        Monitor status Yes            VDOP max  0.9
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 246967.0      End wk 1073   sec 246969.0
```

GPSVEC TP Point ID 3602 DX -1391.940 DY -336.593
Class Normal DZ -1316.188 Code CNC
Mthd Phase Diff. H.pr 0.035 V.pr 0.048

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 246983.0 End wk 1073 sec 246986.0

GPSVEC TP Point ID 3603 DX -1407.514 DY -325.613
Class Normal DZ -1309.824 Code CNC
Mthd Phase Diff. H.pr 0.032 V.pr 0.045

GPSQC1 NM Min SVs 7 PDOP max 1.2
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 247000.0 End wk 1073 sec 247002.0

GPSVEC TP Point ID 3604 DX -1422.488 DY -314.977
Class Normal DZ -1303.629 Code CNC
Mthd Phase Diff. H.pr 0.037 V.pr 0.051

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 7 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 247016.0 End wk 1073 sec 247022.0

GPSVEC TP Point ID 3605 DX -1429.261 DY -310.031
Class Normal DZ -1300.811 Code TOE LEVEE
Mthd Phase Diff. H.pr 0.043 V.pr 0.054

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 10 HDOP max 0.7
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 247039.0 End wk 1073 sec 247048.0

INIT KI Init event Lost Week 1073
Init type On the fly seconds 247056.0
Init counter 7 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

```
INIT   KI  Init event   Gained          Week        1073
       Init type    On the fly       seconds     247398.0
       Init counter  8              Point ID     <no text>
       Survey type   Real Time        Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>

GPSVEC  TP  Point ID 295       DX  -1261.611       DY  -238.652
       Class Normal        DZ  -1093.274       Code SG 305+00W
       Mthd Phase Diff.    H.pr 0.043          V.pr 0.053

GPSQC1  NM  Min SVs       6              PDOP max  1.5
       Total GPS pos  4              HDOP max  1.0
       Monitor status Yes            VDOP max  1.2
       Horizontal SD  0.000          Vert SD   0.000
       Start wk 1073 sec 247434.0       End wk 1073   sec 247437.0

INIT   KI  Init event   Lost          Week        1073
       Init type    On the fly       seconds     247443.0
       Init counter  8              Point ID     <no text>
       Survey type   Real Time        Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>

INIT   KI  Init event   Gained          Week        1073
       Init type    On the fly       seconds     247472.0
       Init counter  9              Point ID     <no text>
       Survey type   Real Time        Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>

GPSVEC  TP  Point ID 296       DX  -1261.629       DY  -238.640
       Class Normal        DZ  -1093.275       Code SG 305+00W
       Mthd Phase Diff.    H.pr 0.033          V.pr 0.040

GPSQC1  NM  Min SVs       6              PDOP max  1.7
       Total GPS pos  3              HDOP max  1.1
       Monitor status Yes            VDOP max  1.3
       Horizontal SD  0.000          Vert SD   0.000
       Start wk 1073 sec 247481.0       End wk 1073   sec 247483.0

NOTE   KI  LINE. Name: 23, Code: , Method: Two points, Start pt: 296,

NOTE   KI  End pt: 196, Azimuth: 304.248°, Length: 19.493ft,

NOTE   KI  Grade: 40.709°
```

GPSVEC TP Point ID 3606 DX -1257.677 DY -237.480
Class Normal DZ -1097.631 Code TOE LEVEE
Mthd Phase Diff. H.pr 0.032 V.pr 0.039

GPSQC1 NM Min SVs 6 PDOP max 1.6
Total GPS pos 3 HDOP max 1.0
Monitor status Yes VDOP max 1.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 247565.0 End wk 1073 sec 247567.0

GPSVEC TP Point ID 3607 DX -1256.190 DY -238.671
Class Normal DZ -1098.713 Code GRD
Mthd Phase Diff. H.pr 0.045 V.pr 0.053

GPSQC1 NM Min SVs 6 PDOP max 1.6
Total GPS pos 3 HDOP max 1.0
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 247879.0 End wk 1073 sec 247881.0

GPSVEC TP Point ID 3608 DX -1247.918 DY -245.970
Class Normal DZ -1104.778 Code GRD
Mthd Phase Diff. H.pr 0.035 V.pr 0.046

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 247944.0 End wk 1073 sec 247946.0

GPSVEC TP Point ID 3609 DX -1241.391 DY -250.727
Class Normal DZ -1110.173 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.035

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 247966.0 End wk 1073 sec 247968.0

GPSVEC TP Point ID 3610 DX -1235.333 DY -255.754
Class Normal DZ -1114.308 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.037

```
GPSQC1  NM  Min SVs      8              PDOP max  0.9
        Total GPS pos  3              HDOP max  0.5
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 247998.0       End wk 1073   sec 248000.0

GPSVEC  TP  Point ID 3611       DX  -1234.225       DY  -257.395
        Class Normal        DZ  -1114.597       Code GRD
        Mthd Phase Diff.    H.pr 0.026          V.pr 0.037

GPSQC1  NM  Min SVs      8              PDOP max  0.9
        Total GPS pos  3              HDOP max  0.5
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 248019.0       End wk 1073   sec 248021.0

GPSVEC  TP  Point ID 3612       DX  -1228.464       DY  -263.186
        Class Normal        DZ  -1118.892       Code GRD
        Mthd Phase Diff.    H.pr 0.029          V.pr 0.041

GPSQC1  NM  Min SVs      8              PDOP max  0.9
        Total GPS pos  3              HDOP max  0.5
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 248052.0       End wk 1073   sec 248054.0

GPSVEC  TP  Point ID 3613       DX  -1226.519       DY  -264.669
        Class Normal        DZ  -1120.677       Code GRD
        Mthd Phase Diff.    H.pr 0.021          V.pr 0.031

GPSQC1  NM  Min SVs      8              PDOP max  0.8
        Total GPS pos  4              HDOP max  0.4
        Monitor status Yes            VDOP max  0.6
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 248067.0       End wk 1073   sec 248070.0

GPSVEC  TP  Point ID 3614       DX  -1223.393       DY  -268.896
        Class Normal        DZ  -1122.358       Code GRD
        Mthd Phase Diff.    H.pr 0.020          V.pr 0.029

GPSQC1  NM  Min SVs      8              PDOP max  0.9
        Total GPS pos  3              HDOP max  0.5
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 248087.0       End wk 1073   sec 248089.0
```

GPSVEC TP Point ID 3615 DX -1220.780 DY -269.993
Class Normal DZ -1124.895 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.038

GPSQC1 NM Min SVs 8 PDOP max 0.8
Total GPS pos 4 HDOP max 0.4
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 248102.0 End wk 1073 sec 248105.0

GPSVEC TP Point ID 3616 DX -1217.829 DY -271.912
Class Normal DZ -1127.201 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.034

GPSQC1 NM Min SVs 8 PDOP max 0.8
Total GPS pos 3 HDOP max 0.4
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 248129.0 End wk 1073 sec 248132.0

GPSVEC TP Point ID 3617 DX -1211.579 DY -277.210
Class Normal DZ -1131.981 Code GRD
Mthd Phase Diff. H.pr 0.036 V.pr 0.052

GPSQC1 NM Min SVs 8 PDOP max 0.9
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 248146.0 End wk 1073 sec 248148.0

GPSVEC TP Point ID 3618 DX -1210.551 DY -279.276
Class Normal DZ -1131.729 Code GRD
Mthd Phase Diff. H.pr 0.028 V.pr 0.040

GPSQC1 NM Min SVs 8 PDOP max 0.9
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 248160.0 End wk 1073 sec 248162.0

GPSVEC TP Point ID 3619 DX -1208.950 DY -280.158
Class Normal DZ -1133.345 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.039

GPSQC1 NM Min SVs 8 PDOP max 0.9
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 248170.0 End wk 1073 sec 248172.0

GPSVEC TP Point ID 3620 DX -1207.635 DY -281.923
Class Normal DZ -1134.151 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.040

GPSQC1 NM Min SVs 8 PDOP max 0.8
Total GPS pos 3 HDOP max 0.4
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 248184.0 End wk 1073 sec 248187.0

GPSVEC TP Point ID 3621 DX -1205.529 DY -283.636
Class Normal DZ -1135.875 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.038

GPSQC1 NM Min SVs 8 PDOP max 0.9
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 248198.0 End wk 1073 sec 248200.0

GPSVEC TP Point ID 3622 DX -1197.777 DY -290.643
Class Normal DZ -1141.078 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.036

GPSQC1 NM Min SVs 8 PDOP max 0.7
Total GPS pos 3 HDOP max 0.4
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 248224.0 End wk 1073 sec 248239.0

GPSVEC TP Point ID 3623 DX -1194.318 DY -293.433
Class Normal DZ -1143.643 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.037

GPSQC1 NM Min SVs 8 PDOP max 0.8
Total GPS pos 3 HDOP max 0.4
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 248270.0 End wk 1073 sec 248274.0

GPSVEC TP Point ID 3624 DX -1190.463 DY -298.011
Class Normal DZ -1146.488 Code GRD
Mthd Phase Diff. H.pr 0.030 V.pr 0.043

GPSQC1 NM Min SVs 8 PDOP max 0.7
Total GPS pos 3 HDOP max 0.4
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 248323.0 End wk 1073 sec 248336.0

GPSVEC TP Point ID 3625 DX -1184.042 DY -304.734
Class Normal DZ -1150.588 Code GRD
Mthd Phase Diff. H.pr 0.034 V.pr 0.049

GPSQC1 NM Min SVs 8 PDOP max 0.8
Total GPS pos 4 HDOP max 0.4
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 248371.0 End wk 1073 sec 248374.0

GPSVEC TP Point ID 3626 DX -1182.465 DY -304.643
Class Normal DZ -1152.316 Code GRD
Mthd Phase Diff. H.pr 0.035 V.pr 0.051

GPSQC1 NM Min SVs 8 PDOP max 0.8
Total GPS pos 4 HDOP max 0.4
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 248385.0 End wk 1073 sec 248388.0

GPSVEC TP Point ID 3627 DX -1179.189 DY -307.924
Class Normal DZ -1154.668 Code GRD
Mthd Phase Diff. H.pr 0.038 V.pr 0.055

GPSQC1 NM Min SVs 8 PDOP max 0.8
Total GPS pos 4 HDOP max 0.4
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 248402.0 End wk 1073 sec 248405.0

GPSVEC TP Point ID 3628 DX -1176.000 DY -312.143
Class Normal DZ -1156.496 Code GRD
Mthd Phase Diff. H.pr 0.033 V.pr 0.048

GPSQC1 NM Min SVs 8 PDOP max 0.8
Total GPS pos 4 HDOP max 0.4
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 248415.0 End wk 1073 sec 248418.0

GPSVEC TP Point ID 3629 DX -1171.520 DY -315.597
Class Normal DZ -1159.821 Code GRD
Mthd Phase Diff. H.pr 0.034 V.pr 0.049

GPSQC1 NM Min SVs 8 PDOP max 0.7
Total GPS pos 6 HDOP max 0.4
Monitor status Yes VDOP max 0.5
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 248429.0 End wk 1073 sec 248434.0

GPSVEC TP Point ID 3630 DX -1167.238 DY -319.358
Class Normal DZ -1162.820 Code GRD
Mthd Phase Diff. H.pr 0.034 V.pr 0.049

GPSQC1 NM Min SVs 8 PDOP max 0.7
Total GPS pos 5 HDOP max 0.4
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 248446.0 End wk 1073 sec 248450.0

GPSVEC TP Point ID 3631 DX -1165.810 DY -321.400
Class Normal DZ -1163.958 Code GRD
Mthd Phase Diff. H.pr 0.033 V.pr 0.048

GPSQC1 NM Min SVs 8 PDOP max 0.8
Total GPS pos 4 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 248459.0 End wk 1073 sec 248462.0

GPSVEC TP Point ID 3632 DX -1163.409 DY -323.494
Class Normal DZ -1165.806 Code GRD
Mthd Phase Diff. H.pr 0.032 V.pr 0.046

GPSQC1 NM Min SVs 8 PDOP max 0.7
Total GPS pos 6 HDOP max 0.4
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 248473.0 End wk 1073 sec 248478.0

GPSVEC TP Point ID 3633 DX -1157.282 DY -329.754
Class Normal DZ -1169.554 Code GRD
Mthd Phase Diff. H.pr 0.035 V.pr 0.050

GPSQC1 NM Min SVs 8 PDOP max 0.8
Total GPS pos 4 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 248491.0 End wk 1073 sec 248494.0

GPSVEC TP Point ID 3634 DX -1148.800 DY -338.489
Class Normal DZ -1175.942 Code GRD
Mthd Phase Diff. H.pr 0.033 V.pr 0.051

GPSQC1 NM Min SVs 7 PDOP max 1.6
Total GPS pos 3 HDOP max 0.9
Monitor status Yes VDOP max 1.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 248510.0 End wk 1073 sec 248512.0

GPSVEC TP Point ID 3635 DX -1147.415 DY -340.919
Class Normal DZ -1176.460 Code TOE LEVEE
Mthd Phase Diff. H.pr 0.033 V.pr 0.051

GPSQC1 NM Min SVs 7 PDOP max 1.6
Total GPS pos 3 HDOP max 0.9
Monitor status Yes VDOP max 1.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 248531.0 End wk 1073 sec 248533.0

NOTE TS Time Date 08/01/2000 Time 21:03:09

GPSVEC TP Point ID 297 DX -1096.779 DY -333.654
Class Normal DZ -1130.602 Code SG 305+00E
Mthd Phase Diff. H.pr 0.028 V.pr 0.044

GPSQC1 NM Min SVs 6 PDOP max 1.6
Total GPS pos 3 HDOP max 0.9
Monitor status Yes VDOP max 1.4
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 248599.0 End wk 1073 sec 248601.0

```
INIT   KI  Init event   Lost          Week        1073
           Init type    On the fly    seconds     248607.0
           Init counter 9             Point ID    <no text>
           Survey type  Real Time     Plate H. Dist <null>
           Plate V. Dist <null>       Plate azimuth <null>

INIT   KI  Init event   Gained        Week        1073
           Init type    On the fly    seconds     248632.0
           Init counter 10            Point ID    <no text>
           Survey type  Real Time     Plate H. Dist <null>
           Plate V. Dist <null>       Plate azimuth <null>

GPSVEC TP  Point ID 298      DX  -1096.740      DY  -333.663
           Class Normal      DZ  -1130.594      Code SG 305+00E
           Mthd Phase Diff.  H.pr 0.032         V.pr 0.050

GPSQC1 NM  Min SVs      7          PDOP max  1.1
           Total GPS pos 7         HDOP max  0.6
           Monitor status Yes      VDOP max  0.9
           Horizontal SD 0.000     Vert SD   0.000
           Start wk 1073 sec 248654.0     End wk 1073   sec 248660.0

NOTE   KI  LINE. Name: 24, Code: , Method: Two points, Start pt: 298,

NOTE   KI  End pt: 154, Azimuth: 133.739°, Length: 19.728ft,

NOTE   KI  Grade: 41.113°

GPSVEC TP  Point ID 3636     DX  -1097.589      DY  -327.627
           Class Normal      DZ  -1130.531      Code TOE LEVEE
           Mthd Phase Diff.  H.pr 0.026         V.pr 0.040

GPSQC1 NM  Min SVs      7          PDOP max  1.6
           Total GPS pos 3         HDOP max  0.9
           Monitor status Yes      VDOP max  1.4
           Horizontal SD 0.000     Vert SD   0.000
           Start wk 1073 sec 248719.0     End wk 1073   sec 248721.0

GPSVEC TP  Point ID 3637     DX  -1105.928      DY  -317.784
           Class Normal      DZ  -1121.980      Code GRD
           Mthd Phase Diff.  H.pr 0.025         V.pr 0.036
```

```
GPSQC1  NM  Min SVs      8              PDOP max  0.8
        Total GPS pos  3              HDOP max  0.4
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 248739.0       End wk 1073   sec 248742.0

GPSVEC  TP  Point ID 3638      DX  -1112.330       DY  -308.202
        Class Normal        DZ  -1114.805       Code GRD
        Mthd Phase Diff.    H.pr 0.027          V.pr 0.039

GPSQC1  NM  Min SVs      8              PDOP max  0.9
        Total GPS pos  3              HDOP max  0.5
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 248762.0       End wk 1073   sec 248764.0

GPSVEC  TP  Point ID 3639      DX  -1115.904       DY  -303.290
        Class Normal        DZ  -1111.198       Code GRD
        Mthd Phase Diff.    H.pr 0.024          V.pr 0.034

GPSQC1  NM  Min SVs      8              PDOP max  0.9
        Total GPS pos  3              HDOP max  0.5
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 248777.0       End wk 1073   sec 248779.0

GPSVEC  TP  Point ID 3640      DX  -1123.336       DY  -294.358
        Class Normal        DZ  -1103.272       Code GRD
        Mthd Phase Diff.    H.pr 0.032          V.pr 0.046

GPSQC1  NM  Min SVs      8              PDOP max  0.9
        Total GPS pos  3              HDOP max  0.5
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 248802.0       End wk 1073   sec 248804.0

GPSVEC  TP  Point ID 3641      DX  -1131.354       DY  -284.322
        Class Normal        DZ  -1094.193       Code GRD
        Mthd Phase Diff.    H.pr 0.024          V.pr 0.035

GPSQC1  NM  Min SVs      8              PDOP max  0.9
        Total GPS pos  3              HDOP max  0.5
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 248819.0       End wk 1073   sec 248821.0
```

GPSVEC TP Point ID 3642 DX -1132.962 DY -283.380
Class Normal DZ -1092.506 Code GRD
Mthd Phase Diff. H.pr 0.029 V.pr 0.042

GPSQC1 NM Min SVs 8 PDOP max 0.9
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 248835.0 End wk 1073 sec 248837.0

GPSVEC TP Point ID 3643 DX -1135.062 DY -279.758
Class Normal DZ -1089.926 Code GRD
Mthd Phase Diff. H.pr 0.032 V.pr 0.046

GPSQC1 NM Min SVs 8 PDOP max 0.9
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 248853.0 End wk 1073 sec 248855.0

GPSVEC TP Point ID 3644 DX -1138.958 DY -275.749
Class Normal DZ -1086.500 Code GRD
Mthd Phase Diff. H.pr 0.029 V.pr 0.042

GPSQC1 NM Min SVs 8 PDOP max 0.9
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 248871.0 End wk 1073 sec 248873.0

GPSVEC TP Point ID 3645 DX -1143.128 DY -270.200
Class Normal DZ -1081.701 Code GRD
Mthd Phase Diff. H.pr 0.031 V.pr 0.045

GPSQC1 NM Min SVs 8 PDOP max 0.9
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 248888.0 End wk 1073 sec 248890.0

GPSVEC TP Point ID 3646 DX -1144.615 DY -268.807
Class Normal DZ -1079.701 Code GRD
Mthd Phase Diff. H.pr 0.029 V.pr 0.042

```
GPSQC1  NM  Min SVs      8              PDOP max  0.9
        Total GPS pos  3              HDOP max  0.5
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 248902.0      End wk 1073   sec 248904.0

GPSVEC  TP  Point ID 3647      DX  -1152.997       DY  -258.746
        Class Normal       DZ  -1070.791       Code GRD
        Mthd Phase Diff.    H.pr 0.035          V.pr 0.051

GPSQC1  NM  Min SVs      8              PDOP max  0.9
        Total GPS pos  3              HDOP max  0.5
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 248919.0      End wk 1073   sec 248921.0

GPSVEC  TP  Point ID 3648      DX  -1162.518       DY  -246.771
        Class Normal       DZ  -1060.254       Code GRD
        Mthd Phase Diff.    H.pr 0.037          V.pr 0.054

GPSQC1  NM  Min SVs      8              PDOP max  0.9
        Total GPS pos  3              HDOP max  0.5
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 248939.0      End wk 1073   sec 248941.0

GPSVEC  TP  Point ID 3649      DX  -1164.871       DY  -245.318
        Class Normal       DZ  -1057.721       Code GRD
        Mthd Phase Diff.    H.pr 0.033          V.pr 0.048

GPSQC1  NM  Min SVs      8              PDOP max  0.9
        Total GPS pos  3              HDOP max  0.5
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 248954.0      End wk 1073   sec 248956.0

GPSVEC  TP  Point ID 3650      DX  -1167.521       DY  -241.890
        Class Normal       DZ  -1054.086       Code GRD
        Mthd Phase Diff.    H.pr 0.025          V.pr 0.037

GPSQC1  NM  Min SVs      8              PDOP max  0.9
        Total GPS pos  3              HDOP max  0.5
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 248970.0      End wk 1073   sec 248972.0
```

GPSVEC TP Point ID 3651 DX -1168.872 DY -239.633
Class Normal DZ -1053.397 Code GRD
Mthd Phase Diff. H.pr 0.034 V.pr 0.050

GPSQC1 NM Min SVs 8 PDOP max 0.8
Total GPS pos 4 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 248984.0 End wk 1073 sec 248987.0

GPSVEC TP Point ID 3652 DX -1173.204 DY -235.919
Class Normal DZ -1048.813 Code GRD
Mthd Phase Diff. H.pr 0.031 V.pr 0.046

GPSQC1 NM Min SVs 8 PDOP max 0.9
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 249007.0 End wk 1073 sec 249009.0

GPSVEC TP Point ID 3653 DX -1173.798 DY -233.769
Class Normal DZ -1047.592 Code GRD
Mthd Phase Diff. H.pr 0.033 V.pr 0.047

GPSQC1 NM Min SVs 8 PDOP max 0.9
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 249021.0 End wk 1073 sec 249023.0

GPSVEC TP Point ID 3654 DX -1182.788 DY -223.987
Class Normal DZ -1038.364 Code GRD
Mthd Phase Diff. H.pr 0.034 V.pr 0.049

GPSQC1 NM Min SVs 8 PDOP max 0.9
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 249043.0 End wk 1073 sec 249045.0

GPSVEC TP Point ID 3655 DX -1187.370 DY -220.131
Class Normal DZ -1032.515 Code GRD
Mthd Phase Diff. H.pr 0.038 V.pr 0.055

```
GPSQC1  NM  Min SVs      8              PDOP max  0.9
        Total GPS pos  3              HDOP max  0.5
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 249059.0       End wk 1073   sec 249061.0

GPSVEC  TP  Point ID 3656       DX  -1195.109       DY  -211.162
        Class Normal        DZ  -1024.653       Code GRD
        Mthd Phase Diff.    H.pr 0.043          V.pr 0.044

GPSQC1  NM  Min SVs      6              PDOP max  1.2
        Total GPS pos  4              HDOP max  0.8
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 249078.0       End wk 1073   sec 249081.0

GPSVEC  TP  Point ID 3657       DX  -1196.741       DY  -209.881
        Class Normal        DZ  -1022.507       Code TOE LEVEE
        Mthd Phase Diff.    H.pr 0.043          V.pr 0.045

GPSQC1  NM  Min SVs      6              PDOP max  1.2
        Total GPS pos  4              HDOP max  0.8
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 249097.0       End wk 1073   sec 249100.0

INIT    KI  Init event    Lost            Week        1073
        Init type     On the fly      seconds     249106.0
        Init counter  10              Point ID    <no text>
        Survey type   Real Time         Plate H. Dist <null>
        Plate V. Dist <null>          Plate azimuth <null>

INIT    KI  Init event    Gained          Week        1073
        Init type     On the fly      seconds     249514.0
        Init counter  11              Point ID    <no text>
        Survey type   Real Time         Plate H. Dist <null>
        Plate V. Dist <null>          Plate azimuth <null>

GPSVEC  TP  Point ID 299        DX  -731.051        DY  103.116
        Class Normal        DZ  -304.429        Code SG 315+00W
        Mthd Phase Diff.    H.pr 0.043          V.pr 0.053
```

```
GPSQC1  NM  Min SVs      5              PDOP max  2.0
        Total GPS pos  14              HDOP max  1.2
        Monitor status Yes             VDOP max  1.6
        Horizontal SD  0.000            Vert SD   0.000
        Start wk 1073 sec 249566.0       End wk 1073   sec 249579.0

INIT   KI  Init event    Lost            Week        1073
        Init type     On the fly        seconds      249585.0
        Init counter  11               Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

INIT   KI  Init event    Gained          Week        1073
        Init type     On the fly        seconds      249666.0
        Init counter  12               Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

GPSVEC  TP  Point ID 300        DX  -731.067        DY   103.131
        Class Normal        DZ  -304.434        Code SG 315+00W
        Mthd Phase Diff.    H.pr 0.028          V.pr 0.035

GPSQC1  NM  Min SVs      5              PDOP max  2.9
        Total GPS pos  6               HDOP max  1.8
        Monitor status Yes             VDOP max  2.2
        Horizontal SD  0.000            Vert SD   0.000
        Start wk 1073 sec 249674.0       End wk 1073   sec 249679.0

INIT   KI  Init event    Lost            Week        1073
        Init type     On the fly        seconds      249781.0
        Init counter  12               Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

INIT   KI  Init event    Gained          Week        1073
        Init type     On the fly        seconds      249922.0
        Init counter  13               Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

GPSVEC  TP  Point ID 301        DX  -468.953        DY  -82.921
        Class Normal        DZ  -417.790        Code SG 315+00E
        Mthd Phase Diff.    H.pr 0.026          V.pr 0.052
```

```
GPSQC1  NM  Min SVs      6              PDOP max  1.9
        Total GPS pos  4              HDOP max  0.8
        Monitor status Yes            VDOP max  1.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 249974.0       End wk 1073   sec 249977.0

INIT    KI  Init event    Lost            Week        1073
        Init type     On the fly        seconds      249980.0
        Init counter  13               Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

INIT    KI  Init event    Gained          Week        1073
        Init type     On the fly        seconds      250013.0
        Init counter  14               Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

GPSVEC  TP  Point ID 302       DX  -468.916        DY  -82.964
        Class Normal        DZ  -417.797        Code SG 315+00E
        Mthd Phase Diff.    H.pr 0.027          V.pr 0.054

GPSQC1  NM  Min SVs      6              PDOP max  1.7
        Total GPS pos  4              HDOP max  0.8
        Monitor status Yes            VDOP max  1.5
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 250044.0       End wk 1073   sec 250048.0

NOTE    KI  LINE. Name: 25, Code: , Method: Two points, Start pt: 301,

NOTE    KI  End pt: 300, Azimuth: 293.479°, Length: 340.783ft,

NOTE    KI  Grade: 0.338°

GPSVEC  TP  Point ID 3658      DX  -470.281        DY  -78.034
        Class Normal        DZ  -418.870        Code TOE LEVEE
        Mthd Phase Diff.    H.pr 0.024          V.pr 0.049

GPSQC1  NM  Min SVs      6              PDOP max  1.5
        Total GPS pos  6              HDOP max  0.7
        Monitor status Yes            VDOP max  1.3
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 250124.0       End wk 1073   sec 250130.0
```

GPSVEC TP Point ID 3659 DX -473.208 DY -75.274
Class Normal DZ -418.010 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.047

GPSQC1 NM Min SVs 6 PDOP max 1.5
Total GPS pos 7 HDOP max 0.7
Monitor status Yes VDOP max 1.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 250144.0 End wk 1073 sec 250150.0

GPSVEC TP Point ID 3660 DX -487.433 DY -65.080
Class Normal DZ -411.734 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.044

GPSQC1 NM Min SVs 6 PDOP max 1.9
Total GPS pos 4 HDOP max 0.8
Monitor status Yes VDOP max 1.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 250166.0 End wk 1073 sec 250169.0

GPSVEC TP Point ID 3661 DX -502.174 DY -54.099
Class Normal DZ -405.664 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.055

GPSQC1 NM Min SVs 6 PDOP max 1.9
Total GPS pos 4 HDOP max 0.8
Monitor status Yes VDOP max 1.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 250186.0 End wk 1073 sec 250189.0

GPSVEC TP Point ID 3662 DX -517.192 DY -44.341
Class Normal DZ -398.614 Code GRD
Mthd Phase Diff. H.pr 0.031 V.pr 0.044

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 250206.0 End wk 1073 sec 250208.0

GPSVEC TP Point ID 3663 DX -525.713 DY -37.818
Class Normal DZ -394.884 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.038

```
GPSQC1  NM  Min SVs      7              PDOP max  0.7
        Total GPS pos  4              HDOP max  0.4
        Monitor status Yes            VDOP max  0.6
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 250222.0      End wk 1073   sec 250227.0

GPSVEC  TP  Point ID 3664      DX  -536.124        DY  -30.745
        Class Normal        DZ  -390.701        Code GRD
        Mthd Phase Diff.    H.pr 0.032          V.pr 0.044

GPSQC1  NM  Min SVs      7              PDOP max  0.7
        Total GPS pos  6              HDOP max  0.4
        Monitor status Yes            VDOP max  0.6
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 250244.0      End wk 1073   sec 250249.0

GPSVEC  TP  Point ID 3665      DX  -549.980        DY  -20.645
        Class Normal        DZ  -384.425        Code GRD
        Mthd Phase Diff.    H.pr 0.027          V.pr 0.037

GPSQC1  NM  Min SVs      7              PDOP max  0.8
        Total GPS pos  5              HDOP max  0.4
        Monitor status Yes            VDOP max  0.6
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 250272.0      End wk 1073   sec 250276.0

GPSVEC  TP  Point ID 3666      DX  -562.446        DY  -11.898
        Class Normal        DZ  -379.441        Code GRD
        Mthd Phase Diff.    H.pr 0.032          V.pr 0.044

GPSQC1  NM  Min SVs      7              PDOP max  0.8
        Total GPS pos  5              HDOP max  0.4
        Monitor status Yes            VDOP max  0.6
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 250295.0      End wk 1073   sec 250299.0

GPSVEC  TP  Point ID 3667      DX  -571.637        DY  -5.364
        Class Normal        DZ  -375.515        Code GRD
        Mthd Phase Diff.    H.pr 0.029          V.pr 0.041

GPSQC1  NM  Min SVs      7              PDOP max  0.8
        Total GPS pos  5              HDOP max  0.4
        Monitor status Yes            VDOP max  0.6
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 250319.0      End wk 1073   sec 250323.0
```

```
GPSVEC  TP  Point ID 3668      DX  -575.161       DY  -3.355
        Class Normal       DZ  -373.467       Code GRD
        Mthd Phase Diff.   H.pr 0.033         V.pr 0.046

GPSQC1  NM  Min SVs      7            PDOP max  0.9
        Total GPS pos  3            HDOP max  0.5
        Monitor status Yes          VDOP max  0.8
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1073 sec 250333.0      End wk 1073   sec 250335.0

GPSVEC  TP  Point ID 3669      DX  -581.113       DY  0.716
        Class Normal       DZ  -371.016       Code GRD
        Mthd Phase Diff.   H.pr 0.026         V.pr 0.036

GPSQC1  NM  Min SVs      7            PDOP max  0.9
        Total GPS pos  3            HDOP max  0.5
        Monitor status Yes          VDOP max  0.8
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1073 sec 250350.0      End wk 1073   sec 250352.0

GPSVEC  TP  Point ID 3670      DX  -588.256       DY  7.190
        Class Normal       DZ  -368.434       Code GRD
        Mthd Phase Diff.   H.pr 0.033         V.pr 0.046

GPSQC1  NM  Min SVs      7            PDOP max  0.9
        Total GPS pos  3            HDOP max  0.5
        Monitor status Yes          VDOP max  0.8
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1073 sec 250365.0      End wk 1073   sec 250367.0

GPSVEC  TP  Point ID 3671      DX  -594.673       DY  13.417
        Class Normal       DZ  -366.236       Code GRD
        Mthd Phase Diff.   H.pr 0.036         V.pr 0.051

GPSQC1  NM  Min SVs      7            PDOP max  0.8
        Total GPS pos  3            HDOP max  0.4
        Monitor status Yes          VDOP max  0.6
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1073 sec 250377.0      End wk 1073   sec 250380.0

GPSVEC  TP  Point ID 3672      DX  -596.224       DY  15.334
        Class Normal       DZ  -365.991       Code GRD
        Mthd Phase Diff.   H.pr 0.027         V.pr 0.055
```

```
GPSQC1  NM  Min SVs      6              PDOP max  1.8
        Total GPS pos  4              HDOP max  0.8
        Monitor status Yes            VDOP max  1.6
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 250393.0      End wk 1073   sec 250396.0

NOTE   TS  Time Date 08/01/2000 Time 21:33:23

GPSVEC  TP  Point ID 3673      DX  -610.764        DY   26.150
        Class Normal        DZ  -359.776        Code GRD
        Mthd Phase Diff.    H.pr 0.024          V.pr 0.050

GPSQC1  NM  Min SVs      6              PDOP max  2.0
        Total GPS pos  3              HDOP max  0.9
        Monitor status Yes            VDOP max  1.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 250413.0      End wk 1073   sec 250415.0

GPSVEC  TP  Point ID 3674      DX  -625.667        DY   36.307
        Class Normal        DZ  -353.805        Code GRD
        Mthd Phase Diff.    H.pr 0.020          V.pr 0.041

GPSQC1  NM  Min SVs      6              PDOP max  2.0
        Total GPS pos  3              HDOP max  0.9
        Monitor status Yes            VDOP max  1.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 250433.0      End wk 1073   sec 250435.0

GPSVEC  TP  Point ID 3675      DX  -636.119        DY   44.315
        Class Normal        DZ  -349.216        Code GRD
        Mthd Phase Diff.    H.pr 0.022          V.pr 0.046

GPSQC1  NM  Min SVs      6              PDOP max  1.7
        Total GPS pos  5              HDOP max  0.7
        Monitor status Yes            VDOP max  1.5
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 250448.0      End wk 1073   sec 250452.0

GPSVEC  TP  Point ID 3676      DX  -643.080        DY   49.546
        Class Normal        DZ  -346.373        Code GRD
        Mthd Phase Diff.    H.pr 0.023          V.pr 0.047
```

```
GPSQC1  NM  Min SVs      6              PDOP max  2.0
        Total GPS pos  3              HDOP max  0.9
        Monitor status Yes            VDOP max  1.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 250463.0       End wk 1073   sec 250465.0

GPSVEC  TP  Point ID 3677       DX   -647.414        DY   50.645
        Class Normal        DZ   -343.371        Code GRD
        Mthd Phase Diff.    H.pr 0.026           V.pr 0.054

GPSQC1  NM  Min SVs      6              PDOP max  1.6
        Total GPS pos  5              HDOP max  0.7
        Monitor status Yes            VDOP max  1.5
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 250479.0       End wk 1073   sec 250483.0

GPSVEC  TP  Point ID 3678       DX   -652.328        DY   53.364
        Class Normal        DZ   -341.079        Code GRD
        Mthd Phase Diff.    H.pr 0.023           V.pr 0.047

GPSQC1  NM  Min SVs      6              PDOP max  1.5
        Total GPS pos  6              HDOP max  0.7
        Monitor status Yes            VDOP max  1.4
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 250492.0       End wk 1073   sec 250497.0

GPSVEC  TP  Point ID 3679       DX   -662.560        DY   59.996
        Class Normal        DZ   -336.362        Code GRD
        Mthd Phase Diff.    H.pr 0.024           V.pr 0.050

GPSQC1  NM  Min SVs      6              PDOP max  1.6
        Total GPS pos  5              HDOP max  0.7
        Monitor status Yes            VDOP max  1.5
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 250507.0       End wk 1073   sec 250511.0

GPSVEC  TP  Point ID 3680       DX   -666.368        DY   62.913
        Class Normal        DZ   -334.718        Code GRD
        Mthd Phase Diff.    H.pr 0.024           V.pr 0.049

GPSQC1  NM  Min SVs      6              PDOP max  2.0
        Total GPS pos  3              HDOP max  0.9
        Monitor status Yes            VDOP max  1.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 250519.0       End wk 1073   sec 250521.0
```

GPSVEC TP Point ID 3681 DX -680.972 DY 72.051
Class Normal DZ -327.776 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.054

GPSQC1 NM Min SVs 6 PDOP max 1.8
Total GPS pos 4 HDOP max 0.8
Monitor status Yes VDOP max 1.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 250533.0 End wk 1073 sec 250536.0

GPSVEC TP Point ID 3682 DX -695.862 DY 82.119
Class Normal DZ -321.475 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.054

GPSQC1 NM Min SVs 6 PDOP max 1.8
Total GPS pos 4 HDOP max 0.8
Monitor status Yes VDOP max 1.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 250553.0 End wk 1073 sec 250556.0

GPSVEC TP Point ID 3683 DX -710.061 DY 92.215
Class Normal DZ -315.539 Code GRD
Mthd Phase Diff. H.pr 0.016 V.pr 0.052

GPSQC1 NM Min SVs 5 PDOP max 2.1
Total GPS pos 9 HDOP max 0.6
Monitor status Yes VDOP max 2.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 250567.0 End wk 1073 sec 250575.0

GPSVEC TP Point ID 3684 DX -723.903 DY 102.754
Class Normal DZ -309.262 Code GRD
Mthd Phase Diff. H.pr 0.014 V.pr 0.048

GPSQC1 NM Min SVs 5 PDOP max 2.4
Total GPS pos 7 HDOP max 0.7
Monitor status Yes VDOP max 2.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 250590.0 End wk 1073 sec 250596.0

GPSVEC TP Point ID 3685 DX -726.299 DY 103.993
Class Normal DZ -308.192 Code TOE LEVEE
Mthd Phase Diff. H.pr 0.014 V.pr 0.049

```
GPSQC1  NM  Min SVs      5              PDOP max  2.6
        Total GPS pos  5              HDOP max  0.7
        Monitor status Yes            VDOP max  2.5
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 250608.0       End wk 1073   sec 250613.0

INIT    KI  Init event    Lost          Week        1073
        Init type    On the fly       seconds      250618.0
        Init counter  14              Point ID     <no text>
        Survey type   Real Time         Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

SURVEY  KI  Elev mask 10                PDOP mask 6.0

EQUIP   BA  Receiver  4800              Serial no 20141803
        Antenna   4800 Internal
        Method    Reading from hook using 4800 tape
        Tape adj  0.000               Serial no <no text>
        Radius    0.358               V.Const   0.104

SURVEY EVENTKISurvey event Base survey started

NOTE    TS  Time Date 08/02/2000 Time 15:03:20

EQUIP   BA  Receiver  4800              Serial no 20141803
        Antenna   4800 Internal
        Method    Reading from hook using 4800 tape
        Tape adj  0.000               Serial no <no text>
        Radius    0.358               V.Const   0.104

GPSANT  KI  Antenna ht 4.997            Measuremt Uncorrected

EQUIP   BA  Receiver  4800              Serial no 20141803
        Antenna   4800 Internal
        Method    Reading from hook using 4800 tape
        Tape adj  0.000               Serial no <no text>
        Radius    0.358               V.Const   0.104

GPSANT  KI  Antenna ht 4.997            Measuremt Uncorrected

EQUIP   BA  Receiver  4800              Serial no 20141803
        Antenna   4800 Internal
        Method    Reading from hook using 4800 tape
        Tape adj  0.000               Serial no <no text>
        Radius    0.358               V.Const   0.104
```

```
GPSANT  KI  Antenna ht 4.997            Measuremt Uncorrected

GPSREF  KI  Reference BAS3

EQUIP   NM  Receiver  4800             Serial no 20152374
        Antenna   4800 Internal
        Method    Measured to bottom of antenna mount
        Tape adj  0.000             Serial no <no text>
        Radius    0.000             V.Const   0.511

SURVEY EVENTKISurvey event Rover survey started

NOTE    TS  Time Date 08/02/2000 Time 15:03:49

SURVEY  KI  Elev mask 10                PDOP mask 6.0

EQUIP   NM  Receiver  4800             Serial no 20152374
        Antenna   4800 Internal
        Method    Measured to bottom of antenna mount
        Tape adj  0.000             Serial no <no text>
        Radius    0.000             V.Const   0.511

SURVEY EVENTKISurvey event Rover survey started

NOTE    TS  Time Date 08/02/2000 Time 15:04:32

GPSANT  KI  Antenna ht 5.089            Measuremt True

GPSREF  KI  Reference BAS3

INIT    KI  Init event    Gained        Week        1073
        Init type     On the fly      seconds     313490.0
        Init counter  1               Point ID    <no text>
        Survey type   Real Time        Plate H. Dist <null>
        Plate V. Dist <null>          Plate azimuth <null>

INIT    KI  Init event    Lost          Week        1073
        Init type     On the fly      seconds     313525.0
        Init counter  1               Point ID    <no text>
        Survey type   Real Time        Plate H. Dist <null>
        Plate V. Dist <null>          Plate azimuth <null>
```

```
INIT   KI  Init event   Gained          Week        1073
       Init type    On the fly        seconds     314075.0
       Init counter  2               Point ID     <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>

EQUIP  NM  Receiver  4800                Serial no 20152374
       Antenna   4800 Internal
       Method    Measured to bottom of antenna mount
       Tape adj  0.000                 Serial no <no text>
       Radius    0.000                 V.Const   0.511

GPSANT  KI  Antenna ht 5.906              Measuremt Uncorrected

GPSVEC  TP  Point ID 303        DX  -233.074        DY  458.274
       Class Normal        DZ  482.906        Code SG 325+00W
       Mthd Phase Diff.    H.pr 0.027         V.pr 0.059

GPSQC1  NM  Min SVs       7              PDOP max  1.2
       Total GPS pos  7              HDOP max  0.5
       Monitor status Yes            VDOP max  1.1
       Horizontal SD  0.000           Vert SD   0.000
       Start wk 1073 sec 314164.0       End wk 1073   sec 314170.0

INIT   KI  Init event   Lost            Week        1073
       Init type    On the fly        seconds     314200.0
       Init counter  2               Point ID     <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>

INIT   KI  Init event   Gained          Week        1073
       Init type    On the fly        seconds     314226.0
       Init counter  3               Point ID     <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>

NOTE   TS  Time Date 08/02/2000 Time 15:17:24

GPSVEC  TP  Point ID 304        DX  -233.070        DY  458.256
       Class Normal        DZ  482.904        Code SG 325+00W
       Mthd Phase Diff.    H.pr 0.025         V.pr 0.055
```

```
GPSQC1  NM  Min SVs      7              PDOP max  1.3
        Total GPS pos  6              HDOP max  0.5
        Monitor status Yes            VDOP max  1.2
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 314251.0       End wk 1073   sec 314256.0

INIT    KI  Init event    Lost            Week        1073
        Init type     On the fly        seconds      314279.0
        Init counter  3                 Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

INIT    KI  Init event    Gained          Week        1073
        Init type     On the fly        seconds      314410.0
        Init counter  4                 Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

GPSVEC  TP  Point ID 305        DX   27.225          DY   268.128
        Class Normal         DZ   364.673          Code SG 325+00E
        Mthd Phase Diff.     H.pr 0.032            V.pr 0.054

GPSQC1  NM  Min SVs      6              PDOP max  1.6
        Total GPS pos  4              HDOP max  0.8
        Monitor status Yes            VDOP max  1.4
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 314446.0       End wk 1073   sec 314449.0

INIT    KI  Init event    Lost            Week        1073
        Init type     On the fly        seconds      314454.0
        Init counter  4                 Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

INIT    KI  Init event    Gained          Week        1073
        Init type     On the fly        seconds      314496.0
        Init counter  5                 Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

GPSVEC  TP  Point ID 306        DX   27.154          DY   268.105
        Class Normal         DZ   364.649          Code SG 325+00E
        Mthd Phase Diff.     H.pr 0.022            V.pr 0.046
```

```
GPSQC1  NM  Min SVs      7            PDOP max  0.9
        Total GPS pos  11            HDOP max  0.4
        Monitor status Yes           VDOP max  0.8
        Horizontal SD  0.000          Vert SD   0.000
        Start wk 1073 sec 314524.0      End wk 1073   sec 314535.0

NOTE    KI  LINE. Name: 26, Code: , Method: Two points, Start pt: 303,

NOTE    KI  End pt: 305, Azimuth: 114.490°, Length: 343.303ft,

NOTE    KI  Grade: -0.164°

GPSVEC  TP  Point ID 3686      DX   25.707        DY   272.640
        Class Normal        DZ   363.888        Code TOE LEVEE
        Mthd Phase Diff.    H.pr 0.029          V.pr 0.046

GPSQC1  NM  Min SVs      6            PDOP max  1.1
        Total GPS pos  9             HDOP max  0.6
        Monitor status Yes           VDOP max  0.9
        Horizontal SD  0.000          Vert SD   0.000
        Start wk 1073 sec 314621.0      End wk 1073   sec 314629.0

GPSVEC  TP  Point ID 3687      DX   20.983        DY   277.127
        Class Normal        DZ   365.424        Code GRD
        Mthd Phase Diff.    H.pr 0.022          V.pr 0.044

GPSQC1  NM  Min SVs      7            PDOP max  1.5
        Total GPS pos  3             HDOP max  0.7
        Monitor status Yes           VDOP max  1.4
        Horizontal SD  0.000          Vert SD   0.000
        Start wk 1073 sec 314641.0      End wk 1073   sec 314643.0

GPSVEC  TP  Point ID 3688      DX   13.923        DY   282.849
        Class Normal        DZ   368.872        Code GRD
        Mthd Phase Diff.    H.pr 0.023          V.pr 0.046

GPSQC1  NM  Min SVs      7            PDOP max  1.3
        Total GPS pos  4             HDOP max  0.6
        Monitor status Yes           VDOP max  1.2
        Horizontal SD  0.000          Vert SD   0.000
        Start wk 1073 sec 314658.0      End wk 1073   sec 314661.0

GPSVEC  TP  Point ID 3689      DX   12.259        DY   284.732
        Class Normal        DZ   369.241        Code GRD
        Mthd Phase Diff.    H.pr 0.023          V.pr 0.046
```

GPSQC1 NM Min SVs 7 PDOP max 1.3
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 314668.0 End wk 1073 sec 314671.0

GPSVEC TP Point ID 3690 DX -2.435 DY 296.057
Class Normal DZ 375.660 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.053

GPSQC1 NM Min SVs 7 PDOP max 1.5
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 1.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 314690.0 End wk 1073 sec 314692.0

GPSVEC TP Point ID 3691 DX -16.680 DY 306.551
Class Normal DZ 381.936 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.054

GPSQC1 NM Min SVs 7 PDOP max 1.3
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 314707.0 End wk 1073 sec 314710.0

GPSVEC TP Point ID 3692 DX -29.800 DY 316.122
Class Normal DZ 388.056 Code GRD
Mthd Phase Diff. H.pr 0.017 V.pr 0.033

GPSQC1 NM Min SVs 7 PDOP max 1.2
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 314741.0 End wk 1073 sec 314744.0

GPSVEC TP Point ID 3693 DX -44.412 DY 327.012
Class Normal DZ 394.651 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.041

GPSQC1 NM Min SVs 7 PDOP max 1.5
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 1.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 314764.0 End wk 1073 sec 314766.0

GPSVEC TP Point ID 3694 DX -57.357 DY 336.871
Class Normal DZ 400.158 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.042

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 314780.0 End wk 1073 sec 314785.0

GPSVEC TP Point ID 3695 DX -70.580 DY 347.551
Class Normal DZ 406.031 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.051

GPSQC1 NM Min SVs 7 PDOP max 1.4
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 1.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 314803.0 End wk 1073 sec 314805.0

GPSVEC TP Point ID 3696 DX -74.238 DY 350.077
Class Normal DZ 407.931 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.044

PSQC1 NM Min SVs 7 PDOP max 1.4
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 1.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 314816.0 End wk 1073 sec 314818.0

GPSVEC TP Point ID 3697 DX -76.196 DY 351.658
Class Normal DZ 408.234 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.049

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 11 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 314828.0 End wk 1073 sec 314838.0

GPSVEC TP Point ID 3698 DX -89.815 DY 361.949
Class Normal DZ 414.227 Code GRD
Mthd Phase Diff. H.pr 0.014 V.pr 0.032

```
GPSQC1  NM  Min SVs      6              PDOP max  1.6
        Total GPS pos  3              HDOP max  0.7
        Monitor status Yes            VDOP max  1.5
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 314853.0      End wk 1073   sec 314855.0

GPSVEC  TP  Point ID 3699      DX  -99.315        DY  369.265
        Class Normal        DZ  418.522        Code GRD
        Mthd Phase Diff.    H.pr 0.020         V.pr 0.045

GPSQC1  NM  Min SVs      6              PDOP max  1.6
        Total GPS pos  3              HDOP max  0.7
        Monitor status Yes            VDOP max  1.5
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 314866.0      End wk 1073   sec 314868.0

GPSVEC  TP  Point ID 3700      DX  -108.681       DY  375.765
        Class Normal        DZ  422.905        Code GRD
        Mthd Phase Diff.    H.pr 0.019         V.pr 0.043

GPSQC1  NM  Min SVs      6              PDOP max  1.1
        Total GPS pos  8              HDOP max  0.4
        Monitor status Yes            VDOP max  1.0
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 314878.0      End wk 1073   sec 314885.0

GPSVEC  TP  Point ID 3701      DX  -112.077       DY  378.541
        Class Normal        DZ  424.318        Code GRD
        Mthd Phase Diff.    H.pr 0.020         V.pr 0.044

GPSQC1  NM  Min SVs      6              PDOP max  1.6
        Total GPS pos  3              HDOP max  0.7
        Monitor status Yes            VDOP max  1.5
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 314893.0      End wk 1073   sec 314895.0

GPSVEC  TP  Point ID 3702      DX  -117.389       DY  381.323
        Class Normal        DZ  427.218        Code GRD
        Mthd Phase Diff.    H.pr 0.024         V.pr 0.053

GPSQC1  NM  Min SVs      6              PDOP max  1.6
        Total GPS pos  3              HDOP max  0.7
        Monitor status Yes            VDOP max  1.5
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 314909.0      End wk 1073   sec 314911.0
```

GPSVEC TP Point ID 3703 DX -129.494 DY 389.427
Class Normal DZ 432.940 Code GRD
Mthd Phase Diff. H.pr 0.018 V.pr 0.041

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 314928.0 End wk 1073 sec 314930.0

GPSVEC TP Point ID 3704 DX -143.697 DY 399.275
Class Normal DZ 439.669 Code GRD
Mthd Phase Diff. H.pr 0.018 V.pr 0.040

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 314944.0 End wk 1073 sec 314947.0

GPSVEC TP Point ID 3705 DX -154.603 DY 406.974
Class Normal DZ 444.647 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.047

GPSQC1 NM Min SVs 6 PDOP max 1.6
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 1.4
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 314968.0 End wk 1073 sec 314970.0

GPSVEC TP Point ID 3706 DX -169.028 DY 417.559
Class Normal DZ 451.545 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.046

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 314986.0 End wk 1073 sec 314989.0

GPSVEC TP Point ID 3707 DX -183.892 DY 427.705
Class Normal DZ 458.016 Code GRD
Mthd Phase Diff. H.pr 0.020 V.pr 0.044

```
GPSQC1  NM  Min SVs      6              PDOP max  1.3
        Total GPS pos  5              HDOP max  0.5
        Monitor status Yes            VDOP max  1.2
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 315001.0      End wk 1073   sec 315005.0

GPSVEC  TP  Point ID 3708      DX  -196.317       DY   436.838
        Class Normal       DZ  463.838        Code GRD
        Mthd Phase Diff.   H.pr 0.015         V.pr 0.032

GPSQC1  NM  Min SVs      6              PDOP max  1.3
        Total GPS pos  3              HDOP max  0.5
        Monitor status Yes            VDOP max  1.2
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 315022.0      End wk 1073   sec 315025.0

GPSVEC  TP  Point ID 3709      DX  -208.696       DY   445.735
        Class Normal       DZ  469.490        Code GRD
        Mthd Phase Diff.   H.pr 0.024         V.pr 0.052

GPSQC1  NM  Min SVs      6              PDOP max  1.6
        Total GPS pos  3              HDOP max  0.7
        Monitor status Yes            VDOP max  1.4
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 315040.0      End wk 1073   sec 315042.0

GPSVEC  TP  Point ID 3710      DX  -216.406       DY   450.953
        Class Normal       DZ  473.300        Code GRD
        Mthd Phase Diff.   H.pr 0.020         V.pr 0.044

GPSQC1  NM  Min SVs      6              PDOP max  1.6
        Total GPS pos  3              HDOP max  0.7
        Monitor status Yes            VDOP max  1.4
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 315057.0      End wk 1073   sec 315059.0

GPSVEC  TP  Point ID 3711      DX  -225.695       DY   457.362
        Class Normal       DZ  477.520        Code GRD
        Mthd Phase Diff.   H.pr 0.018         V.pr 0.038

GPSQC1  NM  Min SVs      6              PDOP max  1.6
        Total GPS pos  3              HDOP max  0.7
        Monitor status Yes            VDOP max  1.4
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 315070.0      End wk 1073   sec 315072.0
```

GPSVEC TP Point ID 3712 DX -228.753 DY 459.320
Class Normal DZ 479.086 Code TOE LEVEE
Mthd Phase Diff. H.pr 0.018 V.pr 0.038

GPSQC1 NM Min SVs 6 PDOP max 1.5
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 1.4
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 315088.0 End wk 1073 sec 315090.0

INIT KI Init event Lost Week 1073
Init type On the fly seconds 315112.0
Init counter 5 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1073
Init type On the fly seconds 315357.0
Init counter 6 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 307 DX 102.207 DY 910.881
Class Normal DZ 1312.224 Code SG 335+00W
Mthd Phase Diff. H.pr 0.025 V.pr 0.049

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 315408.0 End wk 1073 sec 315410.0

INIT KI Init event Lost Week 1073
Init type On the fly seconds 315418.0
Init counter 6 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1073
Init type On the fly seconds 315458.0
Init counter 7 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 308 DX 102.164 DY 910.883
Class Normal DZ 1312.223 Code SG 335+00W
Mthd Phase Diff. H.pr 0.023 V.pr 0.047

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 315466.0 End wk 1073 sec 315471.0

NOTE KI LINE. Name: 27, Code: , Method: Two points, Start pt: 308,

NOTE KI End pt: 202, Azimuth: 272.271°, Length: 15.104ft,

NOTE KI Grade: 38.846°

GPSVEC TP Point ID 3713 DX 106.652 DY 912.247
Class Normal DZ 1309.909 Code TOE LEVEE
Mthd Phase Diff. H.pr 0.023 V.pr 0.043

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 315759.0 End wk 1073 sec 315762.0

GPSVEC TP Point ID 3714 DX 111.648 DY 911.068
Class Normal DZ 1309.404 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.041

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 315779.0 End wk 1073 sec 315781.0

GPSVEC TP Point ID 3715 DX 120.123 DY 906.718
Class Normal DZ 1309.205 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.041

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 315792.0 End wk 1073 sec 315794.0

GPSVEC TP Point ID 3716 DX 137.087 DY 900.190
Class Normal DZ 1308.767 Code GRD
Mthd Phase Diff. H.pr 0.020 V.pr 0.037

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 315813.0 End wk 1073 sec 315816.0

GPSVEC TP Point ID 3717 DX 151.063 DY 893.674
Class Normal DZ 1308.347 Code GRD
Mthd Phase Diff. H.pr 0.030 V.pr 0.054

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 315839.0 End wk 1073 sec 315841.0

GPSVEC TP Point ID 3718 DX 166.736 DY 887.187
Class Normal DZ 1307.607 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.039

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 315858.0 End wk 1073 sec 315861.0

GPSVEC TP Point ID 3719 DX 184.211 DY 880.590
Class Normal DZ 1306.709 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.049

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 315882.0 End wk 1073 sec 315884.0

GPSVEC TP Point ID 3720 DX 200.702 DY 873.678
Class Normal DZ 1305.532 Code GRD
Mthd Phase Diff. H.pr 0.017 V.pr 0.030

```
GPSQC1  NM  Min SVs      6              PDOP max  1.3
        Total GPS pos  3              HDOP max  0.6
        Monitor status Yes            VDOP max  1.1
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 315899.0      End wk 1073   sec 315901.0

GPSVEC  TP  Point ID 3721      DX   211.816        DY   868.762
        Class Normal        DZ   1305.526        Code GRD
        Mthd Phase Diff.    H.pr 0.020           V.pr 0.036

GPSQC1  NM  Min SVs      6              PDOP max  1.3
        Total GPS pos  3              HDOP max  0.6
        Monitor status Yes            VDOP max  1.1
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 315916.0      End wk 1073   sec 315918.0

GPSVEC  TP  Point ID 3722      DX   222.034        DY   864.682
        Class Normal        DZ   1304.992        Code GRD
        Mthd Phase Diff.    H.pr 0.023           V.pr 0.041

GPSQC1  NM  Min SVs      6              PDOP max  1.3
        Total GPS pos  3              HDOP max  0.6
        Monitor status Yes            VDOP max  1.1
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 315934.0      End wk 1073   sec 315937.0

GPSVEC  TP  Point ID 3723      DX   234.534        DY   859.930
        Class Normal        DZ   1304.174        Code GRD
        Mthd Phase Diff.    H.pr 0.018           V.pr 0.031

GPSQC1  NM  Min SVs      6              PDOP max  1.3
        Total GPS pos  3              HDOP max  0.6
        Monitor status Yes            VDOP max  1.1
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 315954.0      End wk 1073   sec 315957.0

GPSVEC  TP  Point ID 3724      DX   246.584        DY   855.627
        Class Normal        DZ   1303.375        Code GRD
        Mthd Phase Diff.    H.pr 0.025           V.pr 0.044

GPSQC1  NM  Min SVs      6              PDOP max  1.3
        Total GPS pos  3              HDOP max  0.6
        Monitor status Yes            VDOP max  1.1
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 315973.0      End wk 1073   sec 315976.0
```

```
GPSVEC  TP  Point ID 3725      DX  247.678        DY  856.103
        Class Normal       DZ  1302.669       Code GRD
        Mthd Phase Diff.   H.pr 0.019          V.pr 0.033

GPSQC1  NM  Min SVs      6            PDOP max  1.3
        Total GPS pos  3            HDOP max  0.6
        Monitor status Yes          VDOP max  1.1
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1073 sec 315984.0      End wk 1073   sec 315987.0

GPSVEC  TP  Point ID 3726      DX  250.455        DY  854.783
        Class Normal       DZ  1302.432       Code GRD
        Mthd Phase Diff.   H.pr 0.021          V.pr 0.037

GPSQC1  NM  Min SVs      6            PDOP max  1.1
        Total GPS pos  3            HDOP max  0.6
        Monitor status Yes          VDOP max  1.0
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1073 sec 316000.0      End wk 1073   sec 316002.0

GPSVEC  TP  Point ID 3727      DX  253.632        DY  852.837
        Class Normal       DZ  1302.844       Code GRD
        Mthd Phase Diff.   H.pr 0.023          V.pr 0.039

GPSQC1  NM  Min SVs      6            PDOP max  1.3
        Total GPS pos  3            HDOP max  0.6
        Monitor status Yes          VDOP max  1.1
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1073 sec 316016.0      End wk 1073   sec 316018.0

GPSVEC  TP  Point ID 3728      DX  264.635        DY  847.776
        Class Normal       DZ  1302.511       Code GRD
        Mthd Phase Diff.   H.pr 0.025          V.pr 0.043

GPSQC1  NM  Min SVs      6            PDOP max  1.3
        Total GPS pos  3            HDOP max  0.6
        Monitor status Yes          VDOP max  1.1
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1073 sec 316034.0      End wk 1073   sec 316037.0

GPSVEC  TP  Point ID 3729      DX  268.855        DY  846.762
        Class Normal       DZ  1302.189       Code GRD
        Mthd Phase Diff.   H.pr 0.021          V.pr 0.036
```

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 316050.0 End wk 1073 sec 316052.0

NOTE TS Time Date 08/02/2000 Time 15:47:30

GPSVEC TP Point ID 3730 DX 273.216 DY 845.022
Class Normal DZ 1301.710 Code GRD
Mthd Phase Diff. H.pr 0.020 V.pr 0.034

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 316059.0 End wk 1073 sec 316062.0

GPSVEC TP Point ID 3731 DX 275.739 DY 843.621
Class Normal DZ 1301.844 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.036

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 316076.0 End wk 1073 sec 316078.0

GPSVEC TP Point ID 3732 DX 282.459 DY 840.855
Class Normal DZ 1301.224 Code GRD
Mthd Phase Diff. H.pr 0.019 V.pr 0.033

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 316094.0 End wk 1073 sec 316097.0

GPSVEC TP Point ID 3733 DX 293.653 DY 836.536
Class Normal DZ 1300.756 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.047

```
GPSQC1  NM  Min SVs      6            PDOP max  1.1
        Total GPS pos  3            HDOP max  0.6
        Monitor status Yes          VDOP max  1.0
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1073 sec 316113.0      End wk 1073   sec 316116.0

GPSVEC  TP  Point ID 3734      DX   294.721        DY   834.933
        Class Normal        DZ   1301.487        Code GRD
        Mthd Phase Diff.    H.pr 0.022          V.pr 0.036

GPSQC1  NM  Min SVs      6            PDOP max  1.2
        Total GPS pos  3            HDOP max  0.6
        Monitor status Yes          VDOP max  1.1
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1073 sec 316126.0      End wk 1073   sec 316128.0

GPSVEC  TP  Point ID 3735      DX   303.551        DY   829.982
        Class Normal        DZ   1301.918        Code GRD
        Mthd Phase Diff.    H.pr 0.025          V.pr 0.042

GPSQC1  NM  Min SVs      6            PDOP max  1.2
        Total GPS pos  3            HDOP max  0.6
        Monitor status Yes          VDOP max  1.1
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1073 sec 316143.0      End wk 1073   sec 316145.0

GPSVEC  TP  Point ID 3736      DX   320.475        DY   822.112
        Class Normal        DZ   1301.649        Code GRD
        Mthd Phase Diff.    H.pr 0.025          V.pr 0.042

GPSQC1  NM  Min SVs      6            PDOP max  1.2
        Total GPS pos  3            HDOP max  0.6
        Monitor status Yes          VDOP max  1.1
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1073 sec 316161.0      End wk 1073   sec 316163.0

GPSVEC  TP  Point ID 3737      DX   335.445        DY   815.364
        Class Normal        DZ   1301.542        Code GRD
        Mthd Phase Diff.    H.pr 0.025          V.pr 0.042

GPSQC1  NM  Min SVs      6            PDOP max  1.2
        Total GPS pos  3            HDOP max  0.6
        Monitor status Yes          VDOP max  1.1
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1073 sec 316174.0      End wk 1073   sec 316177.0
```

```
GPSVEC  TP  Point ID 3738      DX  351.804        DY  807.386
        Class Normal       DZ  1300.995       Code GRD
        Mthd Phase Diff.   H.pr 0.030          V.pr 0.050

GPSQC1  NM  Min SVs      6            PDOP max  1.2
        Total GPS pos  3            HDOP max  0.6
        Monitor status Yes          VDOP max  1.1
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1073 sec 316191.0      End wk 1073   sec 316193.0

GPSVEC  TP  Point ID 3739      DX  365.949        DY  801.035
        Class Normal       DZ  1301.025       Code GRD
        Mthd Phase Diff.   H.pr 0.019          V.pr 0.032

GPSQC1  NM  Min SVs      6            PDOP max  1.1
        Total GPS pos  3            HDOP max  0.6
        Monitor status Yes          VDOP max  0.9
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1073 sec 316210.0      End wk 1073   sec 316212.0

GPSVEC  TP  Point ID 3740      DX  378.707        DY  795.043
        Class Normal       DZ  1300.686       Code GRD
        Mthd Phase Diff.   H.pr 0.028          V.pr 0.045

GPSQC1  NM  Min SVs      6            PDOP max  1.2
        Total GPS pos  3            HDOP max  0.6
        Monitor status Yes          VDOP max  1.0
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1073 sec 316242.0      End wk 1073   sec 316244.0

GPSVEC  TP  Point ID 309       DX  384.445        DY  711.114
        Class Normal       DZ  1194.318       Code SG 335+00E
        Mthd Phase Diff.   H.pr 0.033          V.pr 0.053

GPSQC1  NM  Min SVs      6            PDOP max  1.1
        Total GPS pos  3            HDOP max  0.6
        Monitor status Yes          VDOP max  0.9
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1073 sec 316328.0      End wk 1073   sec 316331.0

INIT    KI  Init event   Lost          Week       1073
        Init type    On the fly       seconds    316343.0
        Init counter  7               Point ID   <no text>
        Survey type   Real Time        Plate H. Dist <null>
        Plate V. Dist <null>          Plate azimuth <null>
```

```
INIT   KI  Init event   Gained          Week        1073
           Init type    On the fly       seconds     316438.0
           Init counter 8                Point ID    <no text>
           Survey type  Real Time        Plate H. Dist <null>
           Plate V. Dist <null>          Plate azimuth <null>

GPSVEC  TP  Point ID 310      DX  384.487       DY  711.110
           Class Normal      DZ  1194.380      Code SG 335+00E
           Mthd Phase Diff.   H.pr 0.025       V.pr 0.039

GPSQC1  NM  Min SVs      6            PDOP max  1.2
           Total GPS pos  3            HDOP max  0.6
           Monitor status Yes          VDOP max  1.0
           Horizontal SD  0.000        Vert SD   0.000
           Start wk 1073 sec 316464.0      End wk 1073   sec 316467.0

NOTE   KI  LINE. Name: 28, Code: , Method: Two points, Start pt: 310,

NOTE   KI  End pt: 160, Azimuth: 91.739°, Length: 14.257ft,

NOTE   KI  Grade: 40.724°

GPSVEC  TP  Point ID 3741     DX  381.974       DY  715.677
           Class Normal      DZ  1192.207      Code TOE LEVEE
           Mthd Phase Diff.   H.pr 0.027       V.pr 0.050

GPSQC1  NM  Min SVs      5            PDOP max  2.0
           Total GPS pos  3            HDOP max  0.9
           Monitor status Yes          VDOP max  1.7
           Horizontal SD  0.000        Vert SD   0.000
           Start wk 1073 sec 316542.0      End wk 1073   sec 316544.0

GPSVEC  TP  Point ID 3742     DX  375.506       DY  718.995
           Class Normal      DZ  1192.151      Code GRD
           Mthd Phase Diff.   H.pr 0.029       V.pr 0.044

GPSQC1  NM  Min SVs      6            PDOP max  1.0
           Total GPS pos  4            HDOP max  0.6
           Monitor status Yes          VDOP max  0.9
           Horizontal SD  0.000        Vert SD   0.000
           Start wk 1073 sec 316559.0      End wk 1073   sec 316562.0

GPSVEC  TP  Point ID 3743     DX  368.993       DY  721.607
           Class Normal      DZ  1192.427      Code GRD
           Mthd Phase Diff.   H.pr 0.026       V.pr 0.039
```

```
GPSQC1  NM  Min SVs      6              PDOP max  1.2
        Total GPS pos  3              HDOP max  0.6
        Monitor status Yes            VDOP max  1.0
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 316575.0       End wk 1073   sec 316577.0

GPSVEC  TP  Point ID 3744      DX   361.997        DY   724.416
        Class Normal        DZ   1192.871        Code GRD
        Mthd Phase Diff.    H.pr 0.025           V.pr 0.037

GPSQC1  NM  Min SVs      6              PDOP max  1.0
        Total GPS pos  3              HDOP max  0.6
        Monitor status Yes            VDOP max  0.9
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 316588.0       End wk 1073   sec 316591.0

GPSVEC  TP  Point ID 3745      DX   347.075        DY   731.487
        Class Normal        DZ   1192.680        Code GRD
        Mthd Phase Diff.    H.pr 0.022           V.pr 0.033

GPSQC1  NM  Min SVs      6              PDOP max  1.0
        Total GPS pos  3              HDOP max  0.6
        Monitor status Yes            VDOP max  0.9
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 316603.0       End wk 1073   sec 316606.0

GPSVEC  TP  Point ID 3746      DX   330.403        DY   739.386
        Class Normal        DZ   1192.632        Code GRD
        Mthd Phase Diff.    H.pr 0.029           V.pr 0.044

GPSQC1  NM  Min SVs      6              PDOP max  1.1
        Total GPS pos  3              HDOP max  0.6
        Monitor status Yes            VDOP max  1.0
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 316625.0       End wk 1073   sec 316627.0

GPSVEC  TP  Point ID 3747      DX   325.661        DY   741.643
        Class Normal        DZ   1192.456        Code GRD
        Mthd Phase Diff.    H.pr 0.025           V.pr 0.038

GPSQC1  NM  Min SVs      6              PDOP max  1.1
        Total GPS pos  3              HDOP max  0.6
        Monitor status Yes            VDOP max  0.9
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 316641.0       End wk 1073   sec 316643.0
```

GPSVEC TP Point ID 3748 DX 314.000 DY 746.490
Class Normal DZ 1193.099 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.040

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 316663.0 End wk 1073 sec 316665.0

GPSVEC TP Point ID 3749 DX 299.907 DY 753.356
Class Normal DZ 1193.048 Code GRD
Mthd Phase Diff. H.pr 0.029 V.pr 0.043

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 316688.0 End wk 1073 sec 316691.0

GPSVEC TP Point ID 3750 DX 280.772 DY 761.781
Class Normal DZ 1192.902 Code GRD
Mthd Phase Diff. H.pr 0.029 V.pr 0.043

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 316722.0 End wk 1073 sec 316724.0

GPSVEC TP Point ID 3751 DX 268.408 DY 767.619
Class Normal DZ 1192.775 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.034

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 316740.0 End wk 1073 sec 316742.0

GPSVEC TP Point ID 3752 DX 260.658 DY 771.415
Class Normal DZ 1192.601 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.039

```
GPSQC1  NM  Min SVs      7              PDOP max  0.9
        Total GPS pos  3              HDOP max  0.5
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 316758.0      End wk 1073   sec 316760.0

GPSVEC  TP  Point ID 3753      DX   258.722        DY   772.861
        Class Normal        DZ   1192.278        Code GRD
        Mthd Phase Diff.    H.pr 0.026           V.pr 0.038

GPSQC1  NM  Min SVs      7              PDOP max  0.8
        Total GPS pos  3              HDOP max  0.4
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 316770.0      End wk 1073   sec 316772.0

GPSVEC  TP  Point ID 3754      DX   253.938        DY   775.286
        Class Normal        DZ   1192.574        Code GRD
        Mthd Phase Diff.    H.pr 0.023           V.pr 0.033

GPSQC1  NM  Min SVs      7              PDOP max  0.9
        Total GPS pos  3              HDOP max  0.5
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 316783.0      End wk 1073   sec 316785.0

GPSVEC  TP  Point ID 3755      DX   242.061        DY   780.742
        Class Normal        DZ   1192.311        Code GRD
        Mthd Phase Diff.    H.pr 0.024           V.pr 0.035

GPSQC1  NM  Min SVs      7              PDOP max  0.9
        Total GPS pos  3              HDOP max  0.5
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 316800.0      End wk 1073   sec 316802.0

GPSVEC  TP  Point ID 3756      DX   235.732        DY   783.264
        Class Normal        DZ   1192.895        Code GRD
        Mthd Phase Diff.    H.pr 0.028           V.pr 0.041

GPSQC1  NM  Min SVs      7              PDOP max  0.9
        Total GPS pos  3              HDOP max  0.5
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 316821.0      End wk 1073   sec 316823.0
```

GPSVEC TP Point ID 3757 DX 233.783 DY 784.038
Class Normal DZ 1193.292 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.039

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 316836.0 End wk 1073 sec 316838.0

GPSVEC TP Point ID 3758 DX 226.324 DY 786.397
Class Normal DZ 1193.086 Code GRD
Mthd Phase Diff. H.pr 0.030 V.pr 0.044

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 316853.0 End wk 1073 sec 316855.0

GPSVEC TP Point ID 3759 DX 217.807 DY 789.792
Class Normal DZ 1194.030 Code GRD
Mthd Phase Diff. H.pr 0.031 V.pr 0.045

PSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 316870.0 End wk 1073 sec 316872.0

GPSVEC TP Point ID 3760 DX 208.491 DY 792.742
Class Normal DZ 1194.363 Code GRD
Mthd Phase Diff. H.pr 0.032 V.pr 0.046

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 316887.0 End wk 1073 sec 316889.0

GPSVEC TP Point ID 3761 DX 198.422 DY 796.263
Class Normal DZ 1195.363 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.037

```
GPSQC1  NM  Min SVs      7              PDOP max  0.9
        Total GPS pos  3              HDOP max  0.5
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 316904.0      End wk 1073   sec 316906.0

GPSVEC  TP  Point ID 3762      DX   181.629        DY   803.342
        Class Normal        DZ   1195.869        Code GRD
        Mthd Phase Diff.    H.pr 0.029           V.pr 0.042

GPSQC1  NM  Min SVs      7              PDOP max  0.9
        Total GPS pos  3              HDOP max  0.5
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 316928.0      End wk 1073   sec 316930.0

GPSVEC  TP  Point ID 3763      DX   166.335        DY   809.064
        Class Normal        DZ   1196.655        Code GRD
        Mthd Phase Diff.    H.pr 0.027           V.pr 0.039

GPSQC1  NM  Min SVs      7              PDOP max  0.9
        Total GPS pos  3              HDOP max  0.5
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 316951.0      End wk 1073   sec 316953.0

GPSVEC  TP  Point ID 3764      DX   146.715        DY   817.025
        Class Normal        DZ   1197.012        Code GRD
        Mthd Phase Diff.    H.pr 0.028           V.pr 0.041

GPSQC1  NM  Min SVs      7              PDOP max  0.9
        Total GPS pos  3              HDOP max  0.5
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 316975.0      End wk 1073   sec 316977.0

GPSVEC  TP  Point ID 3765      DX   129.081        DY   824.609
        Class Normal        DZ   1197.872        Code GRD
        Mthd Phase Diff.    H.pr 0.034           V.pr 0.049

GPSQC1  NM  Min SVs      7              PDOP max  0.7
        Total GPS pos  5              HDOP max  0.4
        Monitor status Yes            VDOP max  0.6
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 316998.0      End wk 1073   sec 317003.0
```

GPSVEC TP Point ID 3873 DX 9678.122 DY 3578.776
Class Normal DZ 10563.289 Code CNC
Mthd Phase Diff. H.pr 0.024 V.pr 0.046

GPSQC1 NM Min SVs 8 PDOP max 1.2
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 326312.0 End wk 1073 sec 326314.0

GPSVEC TP Point ID 3874 DX 9687.345 DY 3565.917
Class Normal DZ 10550.740 Code CNC
Mthd Phase Diff. H.pr 0.027 V.pr 0.050

GPSQC1 NM Min SVs 8 PDOP max 1.2
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 326330.0 End wk 1073 sec 326332.0

GPSVEC TP Point ID 3875 DX 9695.103 DY 3555.675
Class Normal DZ 10541.085 Code CNC
Mthd Phase Diff. H.pr 0.025 V.pr 0.048

GPSQC1 NM Min SVs 7 PDOP max 1.2
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 326346.0 End wk 1073 sec 326348.0

GPSVEC TP Point ID 3876 DX 9699.232 DY 3550.275
Class Normal DZ 10535.908 Code CNC
Mthd Phase Diff. H.pr 0.016 V.pr 0.052

GPSQC1 NM Min SVs 6 PDOP max 1.5
Total GPS pos 9 HDOP max 0.4
Monitor status Yes VDOP max 1.4
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 326363.0 End wk 1073 sec 326371.0

NOTE TS Time Date 08/02/2000 Time 18:40:42

GPSVEC TP Point ID 3877 DX 9699.864 DY 3548.438
Class Normal DZ 10534.803 Code TOE LEVEE
Mthd Phase Diff. H.pr 0.013 V.pr 0.042

GPSVEC TP Point ID 3766 DX 109.697 DY 832.558
Class Normal DZ 1198.504 Code GRD
Mthd Phase Diff. H.pr 0.034 V.pr 0.048

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 317026.0 End wk 1073 sec 317028.0

INIT KI Init event Lost Week 1073
Init type On the fly seconds 317033.0
Init counter 8 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1073
Init type On the fly seconds 317594.0
Init counter 9 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 311 DX 422.133 DY 1363.914
Class Normal DZ 2130.267 Code SG 345+00W
Mthd Phase Diff. H.pr 0.027 V.pr 0.041

GPSQC1 NM Min SVs 5 PDOP max 1.7
Total GPS pos 3 HDOP max 0.9
Monitor status Yes VDOP max 1.4
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 317636.0 End wk 1073 sec 317639.0

INIT KI Init event Lost Week 1073
Init type On the fly seconds 317651.0
Init counter 9 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1073
Init type On the fly seconds 317699.0
Init counter 10 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

```
GPSVEC  TP  Point ID 312        DX  422.140        DY  1363.891
        Class Normal        DZ  2130.218        Code SG 345+00W
        Mthd Phase Diff.    H.pr 0.025          V.pr 0.038

GPSQC1  NM  Min SVs      5              PDOP max  1.6
        Total GPS pos  3              HDOP max  0.9
        Monitor status Yes            VDOP max  1.4
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 317730.0       End wk 1073   sec 317732.0

INIT    KI  Init event    Lost            Week        1073
        Init type     On the fly        seconds     317753.0
        Init counter  10                Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

INIT    KI  Init event    Gained          Week        1073
        Init type     On the fly        seconds     317806.0
        Init counter  11                Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

INIT    KI  Init event    Lost            Week        1073
        Init type     On the fly        seconds     317813.0
        Init counter  11                Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

NOTE    TS  Time Date 08/02/2000 Time 16:18:13

INIT    KI  Init event    Gained          Week        1073
        Init type     On the fly        seconds     317904.0
        Init counter  12                Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

GPSVEC  TP  Point ID 313        DX  678.460        DY  1195.159
        Class Normal        DZ  2045.327        Code SG 345+00E
        Mthd Phase Diff.    H.pr 0.033          V.pr 0.042

GPSQC1  NM  Min SVs      6              PDOP max  1.0
        Total GPS pos  4              HDOP max  0.6
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 317933.0       End wk 1073   sec 317936.0
```

```
INIT   KI  Init event   Lost          Week        1073
           Init type    On the fly    seconds     317940.0
           Init counter 12            Point ID    <no text>
           Survey type  Real Time      Plate H. Dist <null>
           Plate V. Dist <null>       Plate azimuth <null>

INIT   KI  Init event   Gained        Week        1073
           Init type    On the fly    seconds     317990.0
           Init counter 13            Point ID    <no text>
           Survey type  Real Time      Plate H. Dist <null>
           Plate V. Dist <null>       Plate azimuth <null>

GPSVEC TP  Point ID 314      DX  678.422      DY  1195.161
           Class Normal      DZ  2045.316     Code SG 345+00E
           Mthd Phase Diff.  H.pr 0.043       V.pr 0.054

GPSQC1 NM  Min SVs      6          PDOP max 0.9
           Total GPS pos 5         HDOP max 0.5
           Monitor status Yes      VDOP max 0.7
           Horizontal SD 0.000     Vert SD  0.000
           Start wk 1073 sec 317998.0    End wk 1073  sec 318002.0

NOTE   KI  LINE. Name: 29, Code: , Method: Two points, Start pt: 311,

NOTE   KI  End pt: 313, Azimuth: 109.147°, Length: 318.377ft,

NOTE   KI  Grade: 0.395°

GPSVEC TP  Point ID 3767     DX  676.440      DY  1200.301
           Class Normal      DZ  2044.534     Code TOE LEVEE
           Mthd Phase Diff.  H.pr 0.032       V.pr 0.040

GPSQC1 NM  Min SVs      5          PDOP max 1.1
           Total GPS pos 4         HDOP max 0.7
           Monitor status Yes      VDOP max 0.8
           Horizontal SD 0.000     Vert SD  0.000
           Start wk 1073 sec 318081.0    End wk 1073  sec 318085.0

GPSVEC TP  Point ID 3768     DX  673.868      DY  1202.289
           Class Normal      DZ  2044.869     Code GRD
           Mthd Phase Diff.  H.pr 0.036       V.pr 0.045
```

```
GPSQC1  NM  Min SVs      5            PDOP max  1.1
        Total GPS pos  4            HDOP max  0.7
        Monitor status Yes          VDOP max  0.9
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1073 sec 318100.0      End wk 1073   sec 318103.0

GPSVEC  TP  Point ID 3769      DX   658.998        DY   1212.263
        Class Normal        DZ   2049.726        Code GRD
        Mthd Phase Diff.    H.pr 0.032           V.pr 0.040

GPSQC1  NM  Min SVs      6            PDOP max  1.1
        Total GPS pos  3            HDOP max  0.7
        Monitor status Yes          VDOP max  0.8
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1073 sec 318124.0      End wk 1073   sec 318126.0

GPSVEC  TP  Point ID 3770      DX   646.500        DY   1220.766
        Class Normal        DZ   2053.839        Code GRD
        Mthd Phase Diff.    H.pr 0.043           V.pr 0.054

GPSQC1  NM  Min SVs      6            PDOP max  0.9
        Total GPS pos  5            HDOP max  0.5
        Monitor status Yes          VDOP max  0.7
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1073 sec 318143.0      End wk 1073   sec 318147.0

GPSVEC  TP  Point ID 3771      DX   633.923        DY   1229.989
        Class Normal        DZ   2057.388        Code GRD
        Mthd Phase Diff.    H.pr 0.042           V.pr 0.052

GPSQC1  NM  Min SVs      6            PDOP max  0.6
        Total GPS pos  12           HDOP max  0.4
        Monitor status Yes          VDOP max  0.5
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1073 sec 318163.0      End wk 1073   sec 318174.0

GPSVEC  TP  Point ID 3772      DX   629.463        DY   1233.305
        Class Normal        DZ   2058.636        Code GRD
        Mthd Phase Diff.    H.pr 0.039           V.pr 0.049

GPSQC1  NM  Min SVs      6            PDOP max  0.8
        Total GPS pos  6            HDOP max  0.5
        Monitor status Yes          VDOP max  0.6
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1073 sec 318184.0      End wk 1073   sec 318190.0
```

GPSVEC TP Point ID 3773 DX 620.455 DY 1238.470
Class Normal DZ 2062.087 Code GRD
Mthd Phase Diff. H.pr 0.038 V.pr 0.047

GPSQC1 NM Min SVs 5 PDOP max 0.8
Total GPS pos 8 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 318204.0 End wk 1073 sec 318211.0

GPSVEC TP Point ID 3774 DX 606.120 DY 1247.849
Class Normal DZ 2067.248 Code GRD
Mthd Phase Diff. H.pr 0.042 V.pr 0.053

GPSQC1 NM Min SVs 5 PDOP max 1.2
Total GPS pos 5 HDOP max 0.8
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 318228.0 End wk 1073 sec 318232.0

GPSVEC TP Point ID 3775 DX 591.824 DY 1257.190
Class Normal DZ 2071.547 Code GRD
Mthd Phase Diff. H.pr 0.030 V.pr 0.038

GPSQC1 NM Min SVs 5 PDOP max 1.4
Total GPS pos 4 HDOP max 0.8
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 318252.0 End wk 1073 sec 318255.0

GPSVEC TP Point ID 3776 DX 577.016 DY 1267.366
Class Normal DZ 2076.285 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.035

GPSQC1 NM Min SVs 5 PDOP max 1.5
Total GPS pos 3 HDOP max 0.9
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 318271.0 End wk 1073 sec 318273.0

GPSVEC TP Point ID 3777 DX 566.817 DY 1273.931
Class Normal DZ 2080.165 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.034

```
GPSQC1  NM  Min SVs      5            PDOP max  1.4
        Total GPS pos  3            HDOP max  0.8
        Monitor status Yes          VDOP max  1.1
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1073 sec 318287.0      End wk 1073   sec 318290.0

GPSVEC  TP  Point ID 3778      DX   553.885        DY   1282.195
        Class Normal        DZ   2084.277        Code GRD
        Mthd Phase Diff.    H.pr 0.035          V.pr 0.044

GPSQC1  NM  Min SVs      5            PDOP max  1.4
        Total GPS pos  4            HDOP max  0.8
        Monitor status Yes          VDOP max  1.1
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1073 sec 318303.0      End wk 1073   sec 318306.0

GPSVEC  TP  Point ID 3779      DX   542.741        DY   1288.687
        Class Normal        DZ   2088.133        Code GRD
        Mthd Phase Diff.    H.pr 0.039          V.pr 0.049

GPSQC1  NM  Min SVs      5            PDOP max  1.4
        Total GPS pos  3            HDOP max  0.8
        Monitor status Yes          VDOP max  1.1
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1073 sec 318317.0      End wk 1073   sec 318320.0

GPSVEC  TP  Point ID 3780      DX   535.148        DY   1294.433
        Class Normal        DZ   2090.892        Code E/CNC
        Mthd Phase Diff.    H.pr 0.032          V.pr 0.041

GPSQC1  NM  Min SVs      5            PDOP max  1.5
        Total GPS pos  3            HDOP max  0.9
        Monitor status Yes          VDOP max  1.2
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1073 sec 318337.0      End wk 1073   sec 318339.0

GPSVEC  TP  Point ID 3781      DX   526.640        DY   1299.713
        Class Normal        DZ   2093.394        Code E/CNC
        Mthd Phase Diff.    H.pr 0.032          V.pr 0.041

GPSQC1  NM  Min SVs      5            PDOP max  1.5
        Total GPS pos  3            HDOP max  0.9
        Monitor status Yes          VDOP max  1.2
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1073 sec 318348.0      End wk 1073   sec 318350.0
```

```
GPSVEC  TP  Point ID 3782      DX  514.390        DY  1307.883
        Class Normal       DZ  2097.244       Code GRD
        Mthd Phase Diff.   H.pr 0.030          V.pr 0.038

GPSQC1  NM  Min SVs      5            PDOP max  1.4
        Total GPS pos  4            HDOP max  0.8
        Monitor status Yes          VDOP max  1.1
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1073 sec 318363.0      End wk 1073   sec 318366.0

GPSVEC  TP  Point ID 3783      DX  498.092        DY  1318.112
        Class Normal       DZ  2103.123       Code GRD
        Mthd Phase Diff.   H.pr 0.035          V.pr 0.045

GPSQC1  NM  Min SVs      5            PDOP max  1.4
        Total GPS pos  4            HDOP max  0.8
        Monitor status Yes          VDOP max  1.1
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1073 sec 318424.0      End wk 1073   sec 318427.0

GPSVEC  TP  Point ID 3784      DX  485.927        DY  1326.401
        Class Normal       DZ  2107.055       Code GRD
        Mthd Phase Diff.   H.pr 0.029          V.pr 0.038

GPSQC1  NM  Min SVs      5            PDOP max  1.4
        Total GPS pos  4            HDOP max  0.9
        Monitor status Yes          VDOP max  1.1
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1073 sec 318443.0      End wk 1073   sec 318446.0

INIT    KI  Init event    Lost          Week        1073
        Init type     On the fly      seconds     318512.0
        Init counter  13              Point ID    <no text>
        Survey type   Real Time        Plate H. Dist <null>
        Plate V. Dist <null>          Plate azimuth <null>

NOTE    TS  Time Date 08/02/2000 Time 17:04:36

INIT    KI  Init event    Gained        Week        1073
        Init type     On the fly      seconds     320688.0
        Init counter  14              Point ID    <no text>
        Survey type   Real Time        Plate H. Dist <null>
        Plate V. Dist <null>          Plate azimuth <null>
```

GPSVEC TP Point ID 3785 DX 481.066 DY 1329.158
Class Normal DZ 2108.682 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.037

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 320768.0 End wk 1073 sec 320770.0

GPSVEC TP Point ID 3786 DX 470.285 DY 1336.314
Class Normal DZ 2112.728 Code GRD
Mthd Phase Diff. H.pr 0.028 V.pr 0.042

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 6 HDOP max 0.6
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 320786.0 End wk 1073 sec 320791.0

GPSVEC TP Point ID 3787 DX 463.074 DY 1340.457
Class Normal DZ 2115.077 Code GRD
Mthd Phase Diff. H.pr 0.034 V.pr 0.051

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 4 HDOP max 0.7
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 320814.0 End wk 1073 sec 320817.0

GPSVEC TP Point ID 3788 DX 459.363 DY 1343.818
Class Normal DZ 2116.062 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.031

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 320826.0 End wk 1073 sec 320828.0

GPSVEC TP Point ID 3789 DX 454.430 DY 1346.078
Class Normal DZ 2117.637 Code GRD
Mthd Phase Diff. H.pr 0.035 V.pr 0.052

```
GPSQC1  NM  Min SVs      6              PDOP max  1.0
        Total GPS pos  5              HDOP max  0.6
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 320842.0      End wk 1073   sec 320846.0

GPSVEC  TP  Point ID 3790      DX   443.240        DY   1352.869
        Class Normal        DZ   2122.069        Code GRD
        Mthd Phase Diff.    H.pr 0.025           V.pr 0.043

GPSQC1  NM  Min SVs      5              PDOP max  1.7
        Total GPS pos  3              HDOP max  0.8
        Monitor status Yes            VDOP max  1.4
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 320858.0      End wk 1073   sec 320860.0

GPSVEC  TP  Point ID 3791      DX   439.303        DY   1356.487
        Class Normal        DZ   2122.569        Code GRD
        Mthd Phase Diff.    H.pr 0.024           V.pr 0.042

GPSQC1  NM  Min SVs      5              PDOP max  1.7
        Total GPS pos  3              HDOP max  0.8
        Monitor status Yes            VDOP max  1.4
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 320870.0      End wk 1073   sec 320872.0

GPSVEC  TP  Point ID 3792      DX   426.963        DY   1365.038
        Class Normal        DZ   2126.790        Code TOE LEVEE
        Mthd Phase Diff.    H.pr 0.026           V.pr 0.049

GPSQC1  NM  Min SVs      4              PDOP max  1.6
        Total GPS pos  4              HDOP max  0.8
        Monitor status Yes            VDOP max  1.4
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 320889.0      End wk 1073   sec 320892.0

INIT    KI  Init event    Lost          Week        1073
        Init type    On the fly       seconds     320898.0
        Init counter  14              Point ID    <no text>
        Survey type   Real Time        Plate H. Dist <null>
        Plate V. Dist <null>          Plate azimuth <null>
```

```
INIT   KI  Init event   Gained          Week        1073
       Init type    On the fly        seconds     321195.0
       Init counter  15              Point ID     <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>

GPSVEC  TP  Point ID 315       DX   933.258        DY   1714.930
       Class Normal        DZ   2923.154        Code SG 355+00W
       Mthd Phase Diff.    H.pr 0.028          V.pr 0.051

GPSQC1  NM  Min SVs       5              PDOP max  1.5
       Total GPS pos  4              HDOP max  0.7
       Monitor status Yes            VDOP max  1.3
       Horizontal SD  0.000           Vert SD   0.000
       Start wk 1073 sec 321273.0       End wk 1073   sec 321276.0

INIT   KI  Init event   Lost            Week        1073
       Init type    On the fly        seconds     321281.0
       Init counter  15              Point ID     <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>

INIT   KI  Init event   Gained          Week        1073
       Init type    On the fly        seconds     321323.0
       Init counter  16              Point ID     <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>

GPSVEC  TP  Point ID 316       DX   933.236        DY   1714.974
       Class Normal        DZ   2923.142        Code SG 355+00W
       Mthd Phase Diff.    H.pr 0.023          V.pr 0.036

GPSQC1  NM  Min SVs       6              PDOP max  1.1
       Total GPS pos  4              HDOP max  0.6
       Monitor status Yes            VDOP max  0.9
       Horizontal SD  0.000           Vert SD   0.000
       Start wk 1073 sec 321331.0       End wk 1073   sec 321334.0

INIT   KI  Init event   Lost            Week        1073
       Init type    On the fly        seconds     321409.0
       Init counter  16              Point ID     <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>

SURVEY EVENTKISurvey event Communications error
```

```
INIT   KI  Init event   Lost          Week       1073
       Init type    On the fly       seconds    321556.0
       Init counter  16              Point ID   <no text>
       Survey type   Real Time        Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>

INIT   KI  Init event   Gained        Week       1073
       Init type    On the fly       seconds    321574.0
       Init counter  17              Point ID   <no text>
       Survey type   Real Time        Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>

GPSVEC  TP  Point ID 317      DX  1159.361      DY  1510.325
       Class Normal      DZ  2769.022      Code SG 355+00E
       Mthd Phase Diff.   H.pr 0.032       V.pr 0.050

GPSQC1  NM  Min SVs      7            PDOP max  0.7
       Total GPS pos  10            HDOP max  0.4
       Monitor status Yes           VDOP max  0.6
       Horizontal SD  0.000         Vert SD   0.000
       Start wk 1073 sec 321620.0      End wk 1073   sec 321630.0

INIT   KI  Init event   Lost          Week       1073
       Init type    On the fly       seconds    321636.0
       Init counter  17              Point ID   <no text>
       Survey type   Real Time        Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>

INIT   KI  Init event   Gained        Week       1073
       Init type    On the fly       seconds    321682.0
       Init counter  18              Point ID   <no text>
       Survey type   Real Time        Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>

GPSVEC  TP  Point ID 318      DX  1159.380      DY  1510.271
       Class Normal      DZ  2768.987      Code SG 355+00E
       Mthd Phase Diff.   H.pr 0.033       V.pr 0.051

GPSQC1  NM  Min SVs      7            PDOP max  1.2
       Total GPS pos  3             HDOP max  0.6
       Monitor status Yes           VDOP max  1.0
       Horizontal SD  0.000         Vert SD   0.000
       Start wk 1073 sec 321692.0      End wk 1073   sec 321694.0

NOTE   KI  LINE. Name: 30, Code: , Method: Two points, Start pt: 316,
```

NOTE KI End pt: 318, Azimuth: 123.128°, Length: 341.723ft,

NOTE KI Grade: 0.190°

GPSVEC TP Point ID 3793 DX 1157.997 DY 1515.671
Class Normal DZ 2768.557 Code TOE LEVEE
Mthd Phase Diff. H.pr 0.026 V.pr 0.041

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 321769.0 End wk 1073 sec 321773.0

GPSVEC TP Point ID 3794 DX 1145.668 DY 1527.429
Class Normal DZ 2776.674 Code GRD
Mthd Phase Diff. H.pr 0.034 V.pr 0.054

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 7 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 321797.0 End wk 1073 sec 321803.0

GPSVEC TP Point ID 3795 DX 1134.184 DY 1539.032
Class Normal DZ 2784.111 Code GRD
Mthd Phase Diff. H.pr 0.030 V.pr 0.048

GPSQC1 NM Min SVs 7 PDOP max 1.2
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 321838.0 End wk 1073 sec 321840.0

GPSVEC TP Point ID 3796 DX 1123.982 DY 1549.773
Class Normal DZ 2791.043 Code GRD
Mthd Phase Diff. H.pr 0.028 V.pr 0.045

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 321854.0 End wk 1073 sec 321857.0

GPSVEC TP Point ID 3797 DX 1114.408 DY 1558.431
Class Normal DZ 2797.314 Code GRD
Mthd Phase Diff. H.pr 0.029 V.pr 0.046

GPSQC1 NM Min SVs 7 PDOP max 1.2
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 321869.0 End wk 1073 sec 321871.0

GPSVEC TP Point ID 3798 DX 1105.243 DY 1567.438
Class Normal DZ 2802.949 Code GRD
Mthd Phase Diff. H.pr 0.031 V.pr 0.049

GPSQC1 NM Min SVs 7 PDOP max 1.2
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 321888.0 End wk 1073 sec 321890.0

GPSVEC TP Point ID 3799 DX 1103.379 DY 1571.218
Class Normal DZ 2804.018 Code GRD
Mthd Phase Diff. H.pr 0.032 V.pr 0.052

GPSQC1 NM Min SVs 7 PDOP max 1.2
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 321905.0 End wk 1073 sec 321907.0

GPSVEC TP Point ID 3800 DX 1100.946 DY 1573.567
Class Normal DZ 2805.448 Code GRD
Mthd Phase Diff. H.pr 0.032 V.pr 0.051

GPSQC1 NM Min SVs 7 PDOP max 1.2
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 321925.0 End wk 1073 sec 321927.0

GPSVEC TP Point ID 3801 DX 1094.386 DY 1578.295
Class Normal DZ 2809.981 Code GRD
Mthd Phase Diff. H.pr 0.030 V.pr 0.047

```
GPSQC1  NM  Min SVs      7              PDOP max  1.2
        Total GPS pos  3              HDOP max  0.6
        Monitor status Yes            VDOP max  1.0
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 321946.0      End wk 1073   sec 321948.0

GPSVEC  TP  Point ID 3802      DX   1086.494        DY   1585.418
        Class Normal        DZ   2815.800        Code GRD
        Mthd Phase Diff.    H.pr 0.030           V.pr 0.047

GPSQC1  NM  Min SVs      6              PDOP max  0.7
        Total GPS pos  14             HDOP max  0.4
        Monitor status Yes            VDOP max  0.6
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 321967.0      End wk 1073   sec 321980.0

GPSVEC  TP  Point ID 3803      DX   1083.317        DY   1587.441
        Class Normal        DZ   2818.142        Code GRD
        Mthd Phase Diff.    H.pr 0.025           V.pr 0.040

GPSQC1  NM  Min SVs      7              PDOP max  1.0
        Total GPS pos  3              HDOP max  0.5
        Monitor status Yes            VDOP max  0.9
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 321995.0      End wk 1073   sec 321997.0

GPSVEC  TP  Point ID 3804      DX   1080.613        DY   1589.320
        Class Normal        DZ   2820.010        Code GRD
        Mthd Phase Diff.    H.pr 0.028           V.pr 0.045

GPSQC1  NM  Min SVs      7              PDOP max  1.2
        Total GPS pos  3              HDOP max  0.6
        Monitor status Yes            VDOP max  1.0
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 322009.0      End wk 1073   sec 322011.0

GPSVEC  TP  Point ID 3805      DX   1077.356        DY   1590.833
        Class Normal        DZ   2823.199        Code GRD
        Mthd Phase Diff.    H.pr 0.026           V.pr 0.043

GPSQC1  NM  Min SVs      7              PDOP max  0.9
        Total GPS pos  6              HDOP max  0.5
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 322022.0      End wk 1073   sec 322027.0
```

GPSVEC TP Point ID 3806 DX 1072.501 DY 1593.684
Class Normal DZ 2826.600 Code GRD
Mthd Phase Diff. H.pr 0.028 V.pr 0.045

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 322036.0 End wk 1073 sec 322039.0

GPSVEC TP Point ID 3807 DX 1059.911 DY 1605.377
Class Normal DZ 2835.059 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.038

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 322059.0 End wk 1073 sec 322061.0

GPSVEC TP Point ID 3808 DX 1046.514 DY 1617.356
Class Normal DZ 2844.122 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.040

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 322080.0 End wk 1073 sec 322082.0

GPSVEC TP Point ID 3809 DX 1032.305 DY 1630.417
Class Normal DZ 2854.211 Code GRD
Mthd Phase Diff. H.pr 0.019 V.pr 0.033

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 322098.0 End wk 1073 sec 322100.0

GPSVEC TP Point ID 3810 DX 1021.093 DY 1639.985
Class Normal DZ 2861.733 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.042

```
GPSQC1  NM  Min SVs      6            PDOP max  1.1
        Total GPS pos  4            HDOP max  0.6
        Monitor status Yes          VDOP max  1.0
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1073 sec 322121.0      End wk 1073   sec 322124.0

GPSVEC  TP  Point ID 3811      DX   1009.837       DY   1650.385
        Class Normal       DZ   2869.290       Code GRD
        Mthd Phase Diff.    H.pr 0.026          V.pr 0.046

GPSQC1  NM  Min SVs      6            PDOP max  1.2
        Total GPS pos  3            HDOP max  0.6
        Monitor status Yes          VDOP max  1.1
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1073 sec 322140.0      End wk 1073   sec 322142.0

GPSVEC  TP  Point ID 3812      DX   996.161        DY   1662.689
        Class Normal       DZ   2878.380       Code GRD
        Mthd Phase Diff.    H.pr 0.024          V.pr 0.043

GPSQC1  NM  Min SVs      6            PDOP max  1.3
        Total GPS pos  3            HDOP max  0.6
        Monitor status Yes          VDOP max  1.1
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1073 sec 322159.0      End wk 1073   sec 322161.0

GPSVEC  TP  Point ID 3813      DX   985.111        DY   1673.747
        Class Normal       DZ   2885.832       Code GRD
        Mthd Phase Diff.    H.pr 0.018          V.pr 0.031

GPSQC1  NM  Min SVs      6            PDOP max  1.3
        Total GPS pos  3            HDOP max  0.6
        Monitor status Yes          VDOP max  1.1
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1073 sec 322182.0      End wk 1073   sec 322184.0

GPSVEC  TP  Point ID 3814      DX   975.998        DY   1682.293
        Class Normal       DZ   2891.795       Code GRD
        Mthd Phase Diff.    H.pr 0.018          V.pr 0.032

GPSQC1  NM  Min SVs      6            PDOP max  1.3
        Total GPS pos  3            HDOP max  0.6
        Monitor status Yes          VDOP max  1.1
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1073 sec 322201.0      End wk 1073   sec 322203.0
```

GPSVEC TP Point ID 3815 DX 962.307 DY 1694.707
Class Normal DZ 2901.437 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.038

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 322232.0 End wk 1073 sec 322234.0

GPSVEC TP Point ID 3816 DX 958.145 DY 1698.746
Class Normal DZ 2904.334 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.042

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 322246.0 End wk 1073 sec 322248.0

GPSVEC TP Point ID 3817 DX 953.339 DY 1701.883
Class Normal DZ 2907.254 Code GRD
Mthd Phase Diff. H.pr 0.020 V.pr 0.034

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 322276.0 End wk 1073 sec 322278.0

GPSVEC TP Point ID 3818 DX 945.265 DY 1708.940
Class Normal DZ 2913.495 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.035

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 322290.0 End wk 1073 sec 322292.0

GPSVEC TP Point ID 3819 DX 938.891 DY 1714.755
Class Normal DZ 2917.489 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.039

GPSQC1 NM Min SVs 6 PDOP max 1.5
Total GPS pos 3 HDOP max 0.8
Monitor status Yes VDOP max 1.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 322303.0 End wk 1073 sec 322305.0

GPSVEC TP Point ID 3820 DX 937.264 DY 1716.032
Class Normal DZ 2918.793 Code TOE LEVEE
Mthd Phase Diff. H.pr 0.030 V.pr 0.051

GPSQC1 NM Min SVs 7 PDOP max 1.3
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 322316.0 End wk 1073 sec 322318.0

INIT KI Init event Lost Week 1073
Init type On the fly seconds 322327.0
Init counter 18 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

NOTE TS Time Date 08/02/2000 Time 18:10:08

INIT KI Init event Gained Week 1073
Init type On the fly seconds 324620.0
Init counter 19 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

NOTE KI LINE. Name: 31, Code: , Method: Two points, Start pt: 210,

NOTE KI End pt: 214, Azimuth: 317.333°, Length: 333.695ft,

NOTE KI Grade: 0.172°

GPSVEC TP Point ID 3821 DX 9675.867 DY 3549.398
Class Normal DZ 10517.224 Code TOE LEVEE
Mthd Phase Diff. H.pr 0.027 V.pr 0.052

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 325151.0 End wk 1073 sec 325154.0

GPSVEC TP Point ID 3822 DX 9673.956 DY 3552.292
Class Normal DZ 10518.676 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.043

GPSQC1 NM Min SVs 7 PDOP max 1.2
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 325167.0 End wk 1073 sec 325169.0

GPSVEC TP Point ID 3823 DX 9665.922 DY 3563.117
Class Normal DZ 10529.177 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.051

GPSQC1 NM Min SVs 9 PDOP max 0.8
Total GPS pos 4 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 325184.0 End wk 1073 sec 325187.0

GPSVEC TP Point ID 3824 DX 9658.219 DY 3573.778
Class Normal DZ 10540.058 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.049

GPSQC1 NM Min SVs 9 PDOP max 0.8
Total GPS pos 5 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 325204.0 End wk 1073 sec 325208.0

GPSVEC TP Point ID 3825 DX 9651.632 DY 3582.688
Class Normal DZ 10547.484 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.054

GPSQC1 NM Min SVs 9 PDOP max 0.7
Total GPS pos 6 HDOP max 0.3
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 325228.0 End wk 1073 sec 325233.0

GPSVEC TP Point ID 3826 DX 9648.956 DY 3586.175
Class Normal DZ 10551.528 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.051

```
GPSQC1  NM  Min SVs      9            PDOP max  0.7
        Total GPS pos  6            HDOP max  0.3
        Monitor status Yes          VDOP max  0.6
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1073 sec 325247.0      End wk 1073   sec 325252.0

GPSVEC  TP  Point ID 3827      DX   9645.315       DY   3591.363
        Class Normal       DZ   10555.595       Code GRD
        Mthd Phase Diff.    H.pr 0.027          V.pr 0.053

GPSQC1  NM  Min SVs      9            PDOP max  0.8
        Total GPS pos  5            HDOP max  0.4
        Monitor status Yes          VDOP max  0.7
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1073 sec 325264.0      End wk 1073   sec 325268.0

GPSVEC  TP  Point ID 3828      DX   9640.605       DY   3597.091
        Class Normal       DZ   10561.992       Code GRD
        Mthd Phase Diff.    H.pr 0.025          V.pr 0.049

GPSQC1  NM  Min SVs      9            PDOP max  0.8
        Total GPS pos  5            HDOP max  0.4
        Monitor status Yes          VDOP max  0.7
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1073 sec 325284.0      End wk 1073   sec 325288.0

GPSVEC  TP  Point ID 3829      DX   9636.813       DY   3603.181
        Class Normal       DZ   10567.341       Code GRD
        Mthd Phase Diff.    H.pr 0.028          V.pr 0.054

GPSQC1  NM  Min SVs      9            PDOP max  0.8
        Total GPS pos  4            HDOP max  0.4
        Monitor status Yes          VDOP max  0.8
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1073 sec 325305.0      End wk 1073   sec 325308.0

GPSVEC  TP  Point ID 3830      DX   9629.199       DY   3612.142
        Class Normal       DZ   10576.296       Code GRD
        Mthd Phase Diff.    H.pr 0.024          V.pr 0.047

GPSQC1  NM  Min SVs      9            PDOP max  0.9
        Total GPS pos  3            HDOP max  0.4
        Monitor status Yes          VDOP max  0.8
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1073 sec 325322.0      End wk 1073   sec 325324.0
```

GPSVEC TP Point ID 3831 DX 9628.252 DY 3614.718
Class Normal DZ 10577.808 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.044

GPSQC1 NM Min SVs 9 PDOP max 0.8
Total GPS pos 4 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 325336.0 End wk 1073 sec 325340.0

GPSVEC TP Point ID 3832 DX 9625.589 DY 3617.007
Class Normal DZ 10581.142 Code GRD
Mthd Phase Diff. H.pr 0.028 V.pr 0.054

GPSQC1 NM Min SVs 9 PDOP max 0.9
Total GPS pos 3 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 325351.0 End wk 1073 sec 325353.0

GPSVEC TP Point ID 3833 DX 9622.619 DY 3621.335
Class Normal DZ 10585.063 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.041

GPSQC1 NM Min SVs 9 PDOP max 0.8
Total GPS pos 5 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 325362.0 End wk 1073 sec 325366.0

GPSVEC TP Point ID 3834 DX 9617.907 DY 3627.931
Class Normal DZ 10591.018 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.048

GPSQC1 NM Min SVs 9 PDOP max 0.9
Total GPS pos 3 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 325377.0 End wk 1073 sec 325379.0

GPSVEC TP Point ID 3835 DX 9616.813 DY 3630.682
Class Normal DZ 10592.926 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.049

```
GPSQC1  NM  Min SVs      9              PDOP max  0.9
        Total GPS pos  3              HDOP max  0.4
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 325389.0       End wk 1073   sec 325391.0

GPSVEC  TP  Point ID 3836      DX   9612.121        DY   3636.526
        Class Normal        DZ   10599.080        Code GRD
        Mthd Phase Diff.    H.pr 0.021           V.pr 0.040

GPSQC1  NM  Min SVs      9              PDOP max  0.9
        Total GPS pos  3              HDOP max  0.4
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 325409.0       End wk 1073   sec 325411.0

GPSVEC  TP  Point ID 3837      DX   9606.245        DY   3644.431
        Class Normal        DZ   10606.410        Code GRD
        Mthd Phase Diff.    H.pr 0.028           V.pr 0.054

GPSQC1  NM  Min SVs      9              PDOP max  0.9
        Total GPS pos  3              HDOP max  0.4
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 325425.0       End wk 1073   sec 325427.0

GPSVEC  TP  Point ID 3838      DX   9599.977        DY   3653.391
        Class Normal        DZ   10614.684        Code GRD
        Mthd Phase Diff.    H.pr 0.020           V.pr 0.039

GPSQC1  NM  Min SVs      9              PDOP max  0.9
        Total GPS pos  3              HDOP max  0.4
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 325449.0       End wk 1073   sec 325451.0

GPSVEC  TP  Point ID 3839      DX   9593.779        DY   3661.386
        Class Normal        DZ   10621.604        Code GRD
        Mthd Phase Diff.    H.pr 0.026           V.pr 0.050

GPSQC1  NM  Min SVs      9              PDOP max  0.9
        Total GPS pos  3              HDOP max  0.4
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 325471.0       End wk 1073   sec 325473.0
```

GPSVEC TP Point ID 3840 DX 9585.075 DY 3672.405
Class Normal DZ 10632.790 Code GRD
Mthd Phase Diff. H.pr 0.020 V.pr 0.039

GPSQC1 NM Min SVs 9 PDOP max 0.9
Total GPS pos 3 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 325496.0 End wk 1073 sec 325498.0

GPSVEC TP Point ID 3841 DX 9583.630 DY 3673.433
Class Normal DZ 10634.441 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.052

GPSQC1 NM Min SVs 9 PDOP max 0.9
Total GPS pos 3 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 325509.0 End wk 1073 sec 325511.0

GPSVEC TP Point ID 3842 DX 9580.831 DY 3678.389
Class Normal DZ 10638.309 Code GRD
Mthd Phase Diff. H.pr 0.028 V.pr 0.054

GPSQC1 NM Min SVs 9 PDOP max 0.8
Total GPS pos 5 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 325526.0 End wk 1073 sec 325530.0

GPSVEC TP Point ID 3843 DX 9578.951 DY 3679.979
Class Normal DZ 10641.311 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.052

GPSQC1 NM Min SVs 9 PDOP max 0.7
Total GPS pos 6 HDOP max 0.3
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 325540.0 End wk 1073 sec 325546.0

GPSVEC TP Point ID 3844 DX 9577.614 DY 3683.638
Class Normal DZ 10643.616 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.043

```
GPSQC1  NM  Min SVs      9            PDOP max  0.7
        Total GPS pos  5            HDOP max  0.3
        Monitor status Yes          VDOP max  0.6
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1073 sec 325557.0      End wk 1073   sec 325562.0

GPSVEC  TP  Point ID 3845      DX   9573.417        DY   3687.569
        Class Normal        DZ   10648.148       Code GRD
        Mthd Phase Diff.    H.pr 0.025          V.pr 0.049

GPSQC1  NM  Min SVs      9            PDOP max  0.6
        Total GPS pos  9            HDOP max  0.3
        Monitor status Yes          VDOP max  0.5
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1073 sec 325575.0      End wk 1073   sec 325584.0

GPSVEC  TP  Point ID 3846      DX   9570.066        DY   3692.408
        Class Normal        DZ   10652.083       Code GRD
        Mthd Phase Diff.    H.pr 0.025          V.pr 0.048

GPSQC1  NM  Min SVs      9            PDOP max  0.6
        Total GPS pos  8            HDOP max  0.3
        Monitor status Yes          VDOP max  0.6
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1073 sec 325604.0      End wk 1073   sec 325611.0

GPSVEC  TP  Point ID 3847      DX   9566.376        DY   3697.199
        Class Normal        DZ   10657.593       Code GRD
        Mthd Phase Diff.    H.pr 0.028          V.pr 0.054

GPSQC1  NM  Min SVs      9            PDOP max  0.8
        Total GPS pos  4            HDOP max  0.4
        Monitor status Yes          VDOP max  0.7
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1073 sec 325627.0      End wk 1073   sec 325630.0

GPSVEC  TP  Point ID 3848      DX   9563.057        DY   3701.145
        Class Normal        DZ   10661.886       Code GRD
        Mthd Phase Diff.    H.pr 0.026          V.pr 0.051

GPSQC1  NM  Min SVs      9            PDOP max  0.9
        Total GPS pos  3            HDOP max  0.4
        Monitor status Yes          VDOP max  0.8
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1073 sec 325650.0      End wk 1073   sec 325652.0
```

GPSVEC TP Point ID 3849 DX 9562.179 DY 3703.013
Class Normal DZ 10662.530 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.051

GPSQC1 NM Min SVs 9 PDOP max 0.9
Total GPS pos 3 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 325661.0 End wk 1073 sec 325663.0

GPSVEC TP Point ID 3850 DX 9559.156 DY 3706.163
Class Normal DZ 10666.194 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.042

GPSQC1 NM Min SVs 9 PDOP max 0.8
Total GPS pos 4 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 325678.0 End wk 1073 sec 325681.0

GPSVEC TP Point ID 3851 DX 9556.291 DY 3710.128
Class Normal DZ 10670.851 Code GRD
Mthd Phase Diff. H.pr 0.019 V.pr 0.037

GPSQC1 NM Min SVs 9 PDOP max 0.8
Total GPS pos 4 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 325694.0 End wk 1073 sec 325697.0

GPSVEC TP Point ID 3852 DX 9553.617 DY 3713.467
Class Normal DZ 10673.031 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.046

GPSQC1 NM Min SVs 9 PDOP max 0.4
Total GPS pos 17 HDOP max 0.2
Monitor status Yes VDOP max 0.4
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 325712.0 End wk 1073 sec 325728.0

GPSVEC TP Point ID 3853 DX 9551.185 DY 3716.632
Class Normal DZ 10677.365 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.048

GPSQC1 NM Min SVs 9 PDOP max 0.9
Total GPS pos 3 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 325739.0 End wk 1073 sec 325741.0

GPSVEC TP Point ID 3854 DX 9547.350 DY 3721.729
Class Normal DZ 10681.794 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.049

GPSQC1 NM Min SVs 9 PDOP max 0.8
Total GPS pos 4 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 325758.0 End wk 1073 sec 325761.0

GPSVEC TP Point ID 3855 DX 9546.136 DY 3723.698
Class Normal DZ 10683.278 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.046

GPSQC1 NM Min SVs 9 PDOP max 0.6
Total GPS pos 7 HDOP max 0.3
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 325771.0 End wk 1073 sec 325778.0

GPSVEC TP Point ID 3856 DX 9541.497 DY 3729.672
Class Normal DZ 10689.341 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.047

GPSQC1 NM Min SVs 9 PDOP max 0.8
Total GPS pos 5 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 325799.0 End wk 1073 sec 325803.0

GPSVEC TP Point ID 3857 DX 9538.228 DY 3734.153
Class Normal DZ 10692.892 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.042

GPSQC1 NM Min SVs 8 PDOP max 0.8
Total GPS pos 6 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 325814.0 End wk 1073 sec 325819.0

GPSVEC TP Point ID 3858 DX 9531.177 DY 3741.815
Class Normal DZ 10702.177 Code TOE LEVEE
Mthd Phase Diff. H.pr 0.022 V.pr 0.042

GPSQC1 NM Min SVs 8 PDOP max 0.8
Total GPS pos 4 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 325844.0 End wk 1073 sec 325856.0

GPSVEC TP Point ID 319 DX 9550.624 DY 3742.951
Class Normal DZ 10727.716 Code SG 25+00N
Mthd Phase Diff. H.pr 0.021 V.pr 0.039

GPSQC1 NM Min SVs 8 PDOP max 1.1
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 325934.0 End wk 1073 sec 325936.0

INIT KI Init event Lost(RMS) Week 1073
Init type On the fly seconds 325945.0
Init counter 19 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1073
Init type On the fly seconds 325966.0
Init counter 20 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 320 DX 9550.614 DY 3742.958
Class Normal DZ 10727.711 Code SG 25+00N
Mthd Phase Diff. H.pr 0.029 V.pr 0.055

GPSQC1 NM Min SVs 8 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 325980.0 End wk 1073 sec 325983.0

GPSVEC TP Point ID 3859 DX 9554.335 DY 3743.534
Class Normal DZ 10723.774 Code TOE LEVEE
Mthd Phase Diff. H.pr 0.023 V.pr 0.044

```
GPSQC1  NM  Min SVs      8            PDOP max  1.0
        Total GPS pos  4            HDOP max  0.5
        Monitor status Yes          VDOP max  0.9
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1073 sec 326041.0      End wk 1073   sec 326044.0

GPSVEC  TP  Point ID 3860      DX   9555.661       DY   3741.173
        Class Normal       DZ   10719.793       Code CNC
        Mthd Phase Diff.   H.pr 0.024          V.pr 0.046

GPSQC1  NM  Min SVs      8            PDOP max  1.1
        Total GPS pos  3            HDOP max  0.5
        Monitor status Yes          VDOP max  1.0
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1073 sec 326056.0      End wk 1073   sec 326058.0

GPSVEC  TP  Point ID 3861      DX   9563.798       DY   3730.503
        Class Normal       DZ   10709.665       Code CNC
        Mthd Phase Diff.   H.pr 0.023          V.pr 0.045

GPSQC1  NM  Min SVs      8            PDOP max  1.2
        Total GPS pos  3            HDOP max  0.5
        Monitor status Yes          VDOP max  1.0
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1073 sec 326078.0      End wk 1073   sec 326080.0

GPSVEC  TP  Point ID 3862      DX   9573.209       DY   3717.947
        Class Normal       DZ   10697.849       Code CNC
        Mthd Phase Diff.   H.pr 0.024          V.pr 0.046

GPSQC1  NM  Min SVs      8            PDOP max  1.0
        Total GPS pos  3            HDOP max  0.5
        Monitor status Yes          VDOP max  0.9
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1073 sec 326097.0      End wk 1073   sec 326100.0

GPSVEC  TP  Point ID 3863      DX   9582.315       DY   3705.760
        Class Normal       DZ   10686.010       Code CNC
        Mthd Phase Diff.   H.pr 0.021          V.pr 0.039

GPSQC1  NM  Min SVs      8            PDOP max  1.2
        Total GPS pos  3            HDOP max  0.5
        Monitor status Yes          VDOP max  1.0
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1073 sec 326114.0      End wk 1073   sec 326116.0
```

GPSVEC TP Point ID 3864 DX 9592.375 DY 3692.470
Class Normal DZ 10673.028 Code CNC
Mthd Phase Diff. H.pr 0.024 V.pr 0.045

GPSQC1 NM Min SVs 8 PDOP max 1.2
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 326133.0 End wk 1073 sec 326135.0

GPSVEC TP Point ID 3865 DX 9601.929 DY 3679.886
Class Normal DZ 10660.747 Code CNC
Mthd Phase Diff. H.pr 0.025 V.pr 0.047

GPSQC1 NM Min SVs 8 PDOP max 1.0
Total GPS pos 5 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 326154.0 End wk 1073 sec 326158.0

GPSVEC TP Point ID 3866 DX 9611.443 DY 3667.163
Class Normal DZ 10648.535 Code CNC
Mthd Phase Diff. H.pr 0.027 V.pr 0.051

GPSQC1 NM Min SVs 8 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 326175.0 End wk 1073 sec 326178.0

GPSVEC TP Point ID 3867 DX 9620.858 DY 3654.699
Class Normal DZ 10636.640 Code CNC
Mthd Phase Diff. H.pr 0.024 V.pr 0.045

GPSQC1 NM Min SVs 8 PDOP max 1.0
Total GPS pos 4 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 326196.0 End wk 1073 sec 326200.0

GPSVEC TP Point ID 3868 DX 9630.630 DY 3641.984
Class Normal DZ 10624.296 Code CNC
Mthd Phase Diff. H.pr 0.024 V.pr 0.046

GPSQC1 NM Min SVs 8 PDOP max 1.2
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 326217.0 End wk 1073 sec 326219.0

GPSVEC TP Point ID 3869 DX 9639.911 DY 3629.326
Class Normal DZ 10612.153 Code CNC
Mthd Phase Diff. H.pr 0.027 V.pr 0.052

GPSQC1 NM Min SVs 8 PDOP max 1.2
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 326238.0 End wk 1073 sec 326240.0

GPSVEC TP Point ID 3870 DX 9649.253 DY 3616.699
Class Normal DZ 10599.995 Code CNC
Mthd Phase Diff. H.pr 0.027 V.pr 0.051

GPSQC1 NM Min SVs 8 PDOP max 1.2
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 326254.0 End wk 1073 sec 326256.0

GPSVEC TP Point ID 3871 DX 9658.688 DY 3603.964
Class Normal DZ 10587.736 Code CNC
Mthd Phase Diff. H.pr 0.026 V.pr 0.050

GPSQC1 NM Min SVs 8 PDOP max 1.2
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 326272.0 End wk 1073 sec 326274.0

GPSVEC TP Point ID 3872 DX 9668.687 DY 3591.322
Class Normal DZ 10575.371 Code CNC
Mthd Phase Diff. H.pr 0.023 V.pr 0.044

GPSQC1 NM Min SVs 8 PDOP max 1.0
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 326292.0 End wk 1073 sec 326296.0

GPSQC1 NM Min SVs 6 PDOP max 1.6
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 1.5
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 326417.0 End wk 1073 sec 326454.0

GPSVEC TP Point ID 321 DX 9700.601 DY 3542.695
Class Normal DZ 10534.177 Code SG 25+00S
Mthd Phase Diff. H.pr 0.025 V.pr 0.048

GPSQC1 NM Min SVs 8 PDOP max 1.2
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 326484.0 End wk 1073 sec 326486.0

INIT KI Init event Lost Week 1073
Init type On the fly seconds 326491.0
Init counter 20 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1073
Init type On the fly seconds 326523.0
Init counter 21 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 322 DX 9700.601 DY 3542.718
Class Normal DZ 10534.135 Code SG 25+00S
Mthd Phase Diff. H.pr 0.020 V.pr 0.043

GPSQC1 NM Min SVs 7 PDOP max 1.3
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 326537.0 End wk 1073 sec 326540.0

INIT KI Init event Lost Week 1073
Init type On the fly seconds 326560.0
Init counter 21 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

```
INIT   KI  Init event   Gained          Week        1073
       Init type    On the fly        seconds     326596.0
       Init counter  22               Point ID    <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>

GPSVEC  TP  Point ID 323       DX  9700.603       DY  3542.744
       Class Normal        DZ  10534.150       Code SG 25+00S
       Mthd Phase Diff.    H.pr 0.023          V.pr 0.049

GPSQC1  NM  Min SVs       7             PDOP max  1.2
       Total GPS pos  5              HDOP max  0.5
       Monitor status Yes            VDOP max  1.1
       Horizontal SD  0.000           Vert SD   0.000
       Start wk 1073 sec 326603.0       End wk 1073   sec 326607.0

INIT   KI  Init event   Lost          Week        1073
       Init type    On the fly        seconds     326631.0
       Init counter  22               Point ID    <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>

INIT   KI  Init event   Gained          Week        1073
       Init type    On the fly        seconds     327108.0
       Init counter  23               Point ID    <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>

GPSVEC  TP  Point ID 324       DX  10231.574       DY  3542.998
       Class Normal        DZ  10840.173       Code SG 31+00S
       Mthd Phase Diff.    H.pr 0.029          V.pr 0.049

GPSQC1  NM  Min SVs       8             PDOP max  0.9
       Total GPS pos  6              HDOP max  0.5
       Monitor status Yes            VDOP max  0.8
       Horizontal SD  0.000           Vert SD   0.000
       Start wk 1073 sec 327319.0       End wk 1073   sec 327325.0

INIT   KI  Init event   Lost          Week        1073
       Init type    On the fly        seconds     327333.0
       Init counter  23               Point ID    <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>
```

```
INIT   KI  Init event   Gained          Week        1073
       Init type    On the fly        seconds     327355.0
       Init counter  24              Point ID     <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>

GPSVEC  TP  Point ID 325       DX  10231.579       DY  3543.030
       Class Normal        DZ  10840.228       Code SG 31+00S
       Mthd Phase Diff.    H.pr 0.030          V.pr 0.051

GPSQC1  NM  Min SVs      8              PDOP max  1.0
       Total GPS pos  5              HDOP max  0.5
       Monitor status Yes            VDOP max  0.9
       Horizontal SD  0.000           Vert SD   0.000
       Start wk 1073 sec 327375.0       End wk 1073   sec 327379.0

INIT   KI  Init event   Lost          Week        1073
       Init type    On the fly        seconds     327449.0
       Init counter  24              Point ID     <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>

SURVEY  KI  Elev mask 10                PDOP mask 6.0

NOTE   TS  Time Date 08/02/2000 Time 19:22:56

EQUIP   NM  Receiver  4800              Serial no 20152374
       Antenna   4800 Internal
       Method    Measured to bottom of antenna mount
       Tape adj  0.000              Serial no <no text>
       Radius    0.000              V.Const   0.511

SURVEY EVENTKISurvey event Rover survey started

NOTE   TS  Time Date 08/02/2000 Time 19:23:11

GPSANT  KI  Antenna ht 5.089            Measuremt True

GPSREF  KI  Reference BAS3

INIT   KI  Init event   Gained          Week        1073
       Init type    On the fly        seconds     329038.0
       Init counter  1               Point ID     <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>
```

```
EQUIP  NM  Receiver  4800              Serial no 20152374
       Antenna  4800 Internal
       Method   Measured to bottom of antenna mount
       Tape adj  0.000              Serial no <no text>
       Radius   0.000              V.Const  0.511

GPSANT  KI  Antenna ht 5.906              Measuremt Uncorrected

INIT   KI  Init event   Lost            Week        1073
       Init type    On the fly        seconds      329080.0
       Init counter  1               Point ID     <no text>
       Survey type   Real Time          Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>

INIT   KI  Init event   Gained          Week        1073
       Init type    On the fly        seconds      329248.0
       Init counter  2               Point ID     <no text>
       Survey type   Real Time          Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>

SURVEY EVENTKISurvey event Error while setting receiver mode

GPSVEC  TP  Point ID 326       DX  10088.702       DY  3785.838
       Class Normal       DZ  11101.146       Code SG 31+50N
       Mthd Phase Diff.    H.pr 0.025          V.pr 0.043

GPSQC1  NM  Min SVs       8              PDOP max  0.8
       Total GPS pos  8              HDOP max  0.4
       Monitor status Yes            VDOP max  0.7
       Horizontal SD  0.000           Vert SD   0.000
       Start wk 1073 sec 329278.0       End wk 1073   sec 329286.0

INIT   KI  Init event   Lost            Week        1073
       Init type    On the fly        seconds      329293.0
       Init counter  2               Point ID     <no text>
       Survey type   Real Time          Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>

INIT   KI  Init event   Gained          Week        1073
       Init type    On the fly        seconds      329316.0
       Init counter  3               Point ID     <no text>
       Survey type   Real Time          Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>
```

GPSVEC TP Point ID 327 DX 10088.650 DY 3785.876
Class Normal DZ 11101.158 Code SG 31+50N
Mthd Phase Diff. H.pr 0.025 V.pr 0.043

GPSQC1 NM Min SVs 8 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 329325.0 End wk 1073 sec 329328.0

NOTE KI LINE. Name: 32, Code: , Method: Two points, Start pt: 324,

NOTE KI End pt: 326, Azimuth: 324.469°, Length: 383.983ft,

NOTE KI Grade: 0.352°

GPSVEC TP Point ID 3878 DX 10091.239 DY 3786.309
Class Normal DZ 11096.378 Code TOE LEVEE
Mthd Phase Diff. H.pr 0.021 V.pr 0.044

GPSQC1 NM Min SVs 7 PDOP max 1.4
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 329411.0 End wk 1073 sec 329414.0

GPSVEC TP Point ID 3879 DX 10096.207 DY 3779.870
Class Normal DZ 11087.979 Code GRD
Mthd Phase Diff. H.pr 0.029 V.pr 0.049

GPSQC1 NM Min SVs 8 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 329436.0 End wk 1073 sec 329439.0

GPSVEC TP Point ID 3880 DX 10102.313 DY 3771.021
Class Normal DZ 11076.203 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.039

GPSQC1 NM Min SVs 8 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 329455.0 End wk 1073 sec 329458.0

GPSVEC TP Point ID 3881 DX 10109.046 DY 3759.855
Class Normal DZ 11064.131 Code GRD
Mthd Phase Diff. H.pr 0.028 V.pr 0.046

GPSQC1 NM Min SVs 8 PDOP max 0.9
Total GPS pos 3 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 329478.0 End wk 1073 sec 329495.0

GPSVEC TP Point ID 3882 DX 10114.449 DY 3750.447
Class Normal DZ 11053.686 Code GRD
Mthd Phase Diff. H.pr 0.032 V.pr 0.053

GPSQC1 NM Min SVs 8 PDOP max 1.1
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 329512.0 End wk 1073 sec 329514.0

GPSVEC TP Point ID 3883 DX 10117.967 DY 3745.643
Class Normal DZ 11047.804 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.037

GPSQC1 NM Min SVs 8 PDOP max 1.0
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 329527.0 End wk 1073 sec 329530.0

GPSVEC TP Point ID 3884 DX 10121.863 DY 3739.130
Class Normal DZ 11040.720 Code GRD
Mthd Phase Diff. H.pr 0.030 V.pr 0.049

GPSQC1 NM Min SVs 8 PDOP max 1.1
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 329548.0 End wk 1073 sec 329550.0

GPSVEC TP Point ID 3885 DX 10125.270 DY 3733.807
Class Normal DZ 11034.854 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.042

```
GPSQC1  NM  Min SVs      8              PDOP max  1.1
        Total GPS pos  3              HDOP max  0.6
        Monitor status Yes            VDOP max  1.0
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 329566.0       End wk 1073   sec 329568.0

GPSVEC  TP  Point ID 3886      DX   10126.625       DY   3729.937
        Class Normal        DZ   11031.969       Code GRD
        Mthd Phase Diff.    H.pr 0.031           V.pr 0.051

GPSQC1  NM  Min SVs      8              PDOP max  1.0
        Total GPS pos  4              HDOP max  0.5
        Monitor status Yes            VDOP max  0.9
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 329581.0       End wk 1073   sec 329584.0

GPSVEC  TP  Point ID 3887      DX   10130.237       DY   3722.448
        Class Normal        DZ   11025.316       Code GRD
        Mthd Phase Diff.    H.pr 0.023           V.pr 0.039

GPSQC1  NM  Min SVs      8              PDOP max  1.1
        Total GPS pos  3              HDOP max  0.6
        Monitor status Yes            VDOP max  1.0
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 329605.0       End wk 1073   sec 329607.0

GPSVEC  TP  Point ID 3888      DX   10134.259       DY   3714.602
        Class Normal        DZ   11018.122       Code GRD
        Mthd Phase Diff.    H.pr 0.028           V.pr 0.047

GPSQC1  NM  Min SVs      8              PDOP max  0.9
        Total GPS pos  5              HDOP max  0.5
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 329622.0       End wk 1073   sec 329626.0

GPSVEC  TP  Point ID 3889      DX   10137.938       DY   3708.109
        Class Normal        DZ   11011.558       Code GRD
        Mthd Phase Diff.    H.pr 0.024           V.pr 0.040

GPSQC1  NM  Min SVs      8              PDOP max  1.1
        Total GPS pos  3              HDOP max  0.6
        Monitor status Yes            VDOP max  0.9
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 329643.0       End wk 1073   sec 329645.0
```

GPSVEC TP Point ID 3890 DX 10141.149 DY 3702.925
Class Normal DZ 11005.425 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.041

GPSQC1 NM Min SVs 8 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 329664.0 End wk 1073 sec 329667.0

GPSVEC TP Point ID 3891 DX 10145.746 DY 3694.715
Class Normal DZ 10997.449 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.042

GPSQC1 NM Min SVs 8 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 329684.0 End wk 1073 sec 329687.0

GPSVEC TP Point ID 3892 DX 10146.907 DY 3692.211
Class Normal DZ 10994.290 Code GRD
Mthd Phase Diff. H.pr 0.030 V.pr 0.049

GPSQC1 NM Min SVs 8 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 329700.0 End wk 1073 sec 329703.0

GPSVEC TP Point ID 3893 DX 10148.883 DY 3688.290
Class Normal DZ 10991.097 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.041

GPSQC1 NM Min SVs 8 PDOP max 1.0
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 329717.0 End wk 1073 sec 329720.0

GPSVEC TP Point ID 3894 DX 10152.256 DY 3682.356
Class Normal DZ 10985.443 Code GRD
Mthd Phase Diff. H.pr 0.031 V.pr 0.051

GPSQC1 NM Min SVs 8 PDOP max 1.1
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 329755.0 End wk 1073 sec 329757.0

GPSVEC TP Point ID 3895 DX 10154.089 DY 3680.630
Class Normal DZ 10982.169 Code GRD
Mthd Phase Diff. H.pr 0.031 V.pr 0.051

GPSQC1 NM Min SVs 8 PDOP max 0.9
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 329769.0 End wk 1073 sec 329773.0

GPSVEC TP Point ID 3896 DX 10158.378 DY 3674.704
Class Normal DZ 10973.625 Code GRD
Mthd Phase Diff. H.pr 0.041 V.pr 0.053

GPSQC1 NM Min SVs 7 PDOP max 0.7
Total GPS pos 13 HDOP max 0.4
Monitor status Yes VDOP max 0.5
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 329794.0 End wk 1073 sec 329807.0

GPSVEC TP Point ID 3897 DX 10160.753 DY 3671.324
Class Normal DZ 10969.073 Code GRD
Mthd Phase Diff. H.pr 0.032 V.pr 0.051

GPSQC1 NM Min SVs 8 PDOP max 0.6
Total GPS pos 14 HDOP max 0.3
Monitor status Yes VDOP max 0.5
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 329822.0 End wk 1073 sec 329835.0

GPSVEC TP Point ID 3898 DX 10164.470 DY 3664.474
Class Normal DZ 10962.811 Code GRD
Mthd Phase Diff. H.pr 0.030 V.pr 0.049

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 329863.0 End wk 1073 sec 329866.0

GPSVEC TP Point ID 3899 DX 10168.689 DY 3658.923
Class Normal DZ 10955.772 Code GRD
Mthd Phase Diff. H.pr 0.033 V.pr 0.054

GPSQC1 NM Min SVs 8 PDOP max 0.8
Total GPS pos 3 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 329904.0 End wk 1073 sec 329913.0

GPSVEC TP Point ID 3900 DX 10171.661 DY 3653.766
Class Normal DZ 10949.509 Code GRD
Mthd Phase Diff. H.pr 0.028 V.pr 0.039

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 5 HDOP max 0.8
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 329932.0 End wk 1073 sec 329937.0

GPSVEC TP Point ID 3901 DX 10174.496 DY 3650.043
Class Normal DZ 10946.530 Code GRD
Mthd Phase Diff. H.pr 0.020 V.pr 0.041

GPSQC1 NM Min SVs 5 PDOP max 1.3
Total GPS pos 6 HDOP max 0.6
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 329968.0 End wk 1073 sec 329974.0

INIT KI Init event Lost Week 1073
Init type On the fly seconds 329981.0
Init counter 3 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1073
Init type On the fly seconds 330386.0
Init counter 4 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 3902 DX 10231.395 DY 3548.963
Class Normal DZ 10840.805 Code TOE LEVEE
Mthd Phase Diff. H.pr 0.042 V.pr 0.045

```
GPSQC1  NM  Min SVs      7              PDOP max  1.3
        Total GPS pos  3              HDOP max  0.9
        Monitor status Yes            VDOP max  0.9
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 330437.0       End wk 1073   sec 330439.0

GPSVEC  TP  Point ID 3903      DX   10226.046       DY   3558.372
        Class Normal        DZ   10850.730       Code GRD
        Mthd Phase Diff.    H.pr 0.031           V.pr 0.046

GPSQC1  NM  Min SVs      8              PDOP max  0.9
        Total GPS pos  3              HDOP max  0.5
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 330474.0       End wk 1073   sec 330479.0

GPSVEC  TP  Point ID 3904      DX   10221.147       DY   3567.328
        Class Normal        DZ   10859.419       Code GRD
        Mthd Phase Diff.    H.pr 0.028           V.pr 0.041

GPSQC1  NM  Min SVs      8              PDOP max  0.9
        Total GPS pos  3              HDOP max  0.5
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 330498.0       End wk 1073   sec 330500.0

GPSVEC  TP  Point ID 3905      DX   10218.076       DY   3571.067
        Class Normal        DZ   10865.146       Code GRD
        Mthd Phase Diff.    H.pr 0.045           V.pr 0.064

GPSQC1  NM  Min SVs      7              PDOP max  0.6
        Total GPS pos  9              HDOP max  0.3
        Monitor status Yes            VDOP max  0.5
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 330549.0       End wk 1073   sec 330562.0

GPSVEC  TP  Point ID 3906      DX   10214.364       DY   3576.696
        Class Normal        DZ   10871.904       Code GRD
        Mthd Phase Diff.    H.pr 0.024           V.pr 0.033

GPSQC1  NM  Min SVs      7              PDOP max  1.0
        Total GPS pos  4              HDOP max  0.6
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 330580.0       End wk 1073   sec 330583.0
```

```
GPSVEC  TP  Point ID 3907      DX  10212.490      DY  3580.208
        Class Normal       DZ  10875.092      Code GRD
        Mthd Phase Diff.   H.pr 0.030          V.pr 0.042

GPSQC1  NM  Min SVs      7              PDOP max  0.8
        Total GPS pos  5              HDOP max  0.5
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 330598.0       End wk 1073   sec 330602.0

GPSVEC  TP  Point ID 3908      DX  10211.256      DY  3583.961
        Class Normal       DZ  10877.686      Code GRD
        Mthd Phase Diff.   H.pr 0.034          V.pr 0.050

GPSQC1  NM  Min SVs      8              PDOP max  1.0
        Total GPS pos  3              HDOP max  0.6
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 330632.0       End wk 1073   sec 330634.0

GPSVEC  TP  Point ID 3909      DX  10207.727      DY  3588.993
        Class Normal       DZ  10884.264      Code GRD
        Mthd Phase Diff.   H.pr 0.038          V.pr 0.039

GPSQC1  NM  Min SVs      7              PDOP max  1.3
        Total GPS pos  3              HDOP max  0.9
        Monitor status Yes            VDOP max  0.9
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 330660.0       End wk 1073   sec 330664.0

INIT    KI  Init event    Lost          Week        1073
        Init type     On the fly      seconds     330690.0
        Init counter  4               Point ID    <no text>
        Survey type   Real Time        Plate H. Dist <null>
        Plate V. Dist <null>          Plate azimuth <null>

INIT    KI  Init event    Gained        Week        1073
        Init type     On the fly      seconds     330719.0
        Init counter  5               Point ID    <no text>
        Survey type   Real Time        Plate H. Dist <null>
        Plate V. Dist <null>          Plate azimuth <null>

GPSVEC  TP  Point ID 3910      DX  10205.631      DY  3598.254
        Class Normal       DZ  10894.626      Code GRD
        Mthd Phase Diff.   H.pr 0.037          V.pr 0.049
```

```
GPSQC1  NM  Min SVs      7              PDOP max  1.0
        Total GPS pos  4              HDOP max  0.6
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 330730.0       End wk 1073   sec 330733.0

GPSVEC  TP  Point ID 3911       DX   10202.281       DY   3604.927
        Class Normal        DZ   10901.054       Code GRD
        Mthd Phase Diff.    H.pr 0.040           V.pr 0.048

GPSQC1  NM  Min SVs      6              PDOP max  0.7
        Total GPS pos  11             HDOP max  0.4
        Monitor status Yes            VDOP max  0.5
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 330764.0       End wk 1073   sec 330775.0

NOTE    TS  Time Date 08/02/2000 Time 19:53:58

GPSVEC  TP  Point ID 3912       DX   10199.739       DY   3610.415
        Class Normal        DZ   10905.621       Code GRD
        Mthd Phase Diff.    H.pr 0.034           V.pr 0.044

GPSQC1  NM  Min SVs      7              PDOP max  0.9
        Total GPS pos  5              HDOP max  0.5
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 330847.0       End wk 1073   sec 330851.0

INIT    KI  Init event    Lost            Week        1073
        Init type     On the fly        seconds     330857.0
        Init counter  5                 Point ID    <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

INIT    KI  Init event    Gained          Week        1073
        Init type     On the fly        seconds     331834.0
        Init counter  6                 Point ID    <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

NOTE    KI  LINE. Name: 33, Code: , Method: Two points, Start pt: 226,

NOTE    KI  End pt: 220, Azimuth: 140.891°, Length: 305.418ft,

NOTE    KI  Grade: 0.082°
```

```
NOTE   KI  LINE. Name: 34, Code: , Method: Two points, Start pt: 228,

NOTE   KI  End pt: 222, Azimuth: 141.169°, Length: 314.030ft,

NOTE   KI  Grade: 0.113°

GPSVEC  TP  Point ID 328        DX  7983.605        DY  3267.940
        Class Normal        DZ  9139.105        Code SG 451+54E
        Mthd Phase Diff.    H.pr 0.044          V.pr 0.034

GPSQC1  NM  Min SVs       7             PDOP max  1.2
        Total GPS pos  3              HDOP max  0.9
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000          Vert SD   0.000
        Start wk 1073 sec 332203.0       End wk 1073   sec 332205.0

INIT    KI  Init event    Lost            Week        1073
        Init type     On the fly        seconds     332215.0
        Init counter  6                 Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

INIT    KI  Init event    Gained          Week        1073
        Init type     On the fly        seconds     332253.0
        Init counter  7                 Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

GPSVEC  TP  Point ID 329        DX  7983.521        DY  3268.047
        Class Normal        DZ  9139.231        Code SG 451+54E
        Mthd Phase Diff.    H.pr 0.042          V.pr 0.033

GPSQC1  NM  Min SVs       7             PDOP max  1.2
        Total GPS pos  3              HDOP max  0.9
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000          Vert SD   0.000
        Start wk 1073 sec 332284.0       End wk 1073   sec 332286.0

INIT    KI  Init event    Lost            Week        1073
        Init type     On the fly        seconds     332305.0
        Init counter  7                 Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>
```

```
INIT   KI  Init event   Gained          Week        1073
       Init type    On the fly        seconds     332335.0
       Init counter  8               Point ID     <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>

GPSVEC TP  Point ID 330       DX  7983.542       DY  3268.067
       Class Normal        DZ  9139.235       Code SG 451+54E
       Mthd Phase Diff.    H.pr 0.044         V.pr 0.041

GPSQC1 NM  Min SVs      6              PDOP max  1.4
       Total GPS pos  3              HDOP max  1.0
       Monitor status Yes            VDOP max  1.0
       Horizontal SD  0.000           Vert SD   0.000
       Start wk 1073 sec 332361.0       End wk 1073   sec 332363.0

GPSVEC TP  Point ID 3913      DX  7939.172       DY  3273.851
       Class Normal        DZ  9114.730       Code TOE LEVEE
       Mthd Phase Diff.    H.pr 0.045         V.pr 0.054

GPSQC1 NM  Min SVs      8              PDOP max  0.5
       Total GPS pos  3              HDOP max  0.3
       Monitor status Yes            VDOP max  0.4
       Horizontal SD  0.000           Vert SD   0.000
       Start wk 1073 sec 332562.0       End wk 1073   sec 332570.0

GPSVEC TP  Point ID 3914      DX  7935.953       DY  3280.821
       Class Normal        DZ  9120.095       Code GRD
       Mthd Phase Diff.    H.pr 0.037         V.pr 0.044

GPSQC1 NM  Min SVs      8              PDOP max  0.9
       Total GPS pos  3              HDOP max  0.6
       Monitor status Yes            VDOP max  0.7
       Horizontal SD  0.000           Vert SD   0.000
       Start wk 1073 sec 332589.0       End wk 1073   sec 332591.0

NOTE   TS  Time Date 08/02/2000 Time 20:26:09

INIT   KI  Init event   Lost            Week        1073
       Init type    On the fly        seconds     332781.0
       Init counter  8               Point ID     <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>

SURVEY KI  Elev mask 10                PDOP mask 6.0
```

```
EQUIP  BA Receiver 4800              Serial no 20141803
       Antenna  4800 Internal
       Method   Reading from hook using 4800 tape
       Tape adj 0.000               Serial no <no text>
       Radius   0.358               V.Const  0.104

SURVEY EVENTKISurvey event Base survey started

NOTE   TS Time Date 08/03/2000 Time 14:49:24

EQUIP  BA Receiver 4800              Serial no 20141803
       Antenna  4800 Internal
       Method   Reading from hook using 4800 tape
       Tape adj 0.000               Serial no <no text>
       Radius   0.358               V.Const  0.104

GPSANT KI Antenna ht 5.069           Measuremt Uncorrected

EQUIP  BA Receiver 4800              Serial no 20141803
       Antenna  4800 Internal
       Method   Reading from hook using 4800 tape
       Tape adj 0.000               Serial no <no text>
       Radius   0.358               V.Const  0.104

GPSANT KI Antenna ht 5.069           Measuremt Uncorrected

EQUIP  BA Receiver 4800              Serial no 20141803
       Antenna  4800 Internal
       Method   Reading from hook using 4800 tape
       Tape adj 0.000               Serial no <no text>
       Radius   0.358               V.Const  0.104

GPSANT KI Antenna ht 5.069           Measuremt Uncorrected

GPSREF KI Reference BAS3

EQUIP  NM Receiver 4800              Serial no 20152374
       Antenna  4800 Internal
       Method   Measured to bottom of antenna mount
       Tape adj 0.000               Serial no <no text>
       Radius   0.000               V.Const  0.511

SURVEY EVENTKISurvey event Rover survey started

NOTE   TS Time Date 08/03/2000 Time 14:50:06
```

```
SURVEY  KI  Elev mask 10                PDOP mask 6.0

EQUIP   NM  Receiver  4800              Serial no 20152374
        Antenna   4800 Internal
        Method    Measured to bottom of antenna mount
        Tape adj  0.000             Serial no <no text>
        Radius    0.000             V.Const   0.511

SURVEY EVENTKISurvey event Rover survey started

NOTE    TS  Time Date 08/03/2000 Time 14:50:43

GPSANT  KI  Antenna ht 5.161            Measuremt True

GPSREF  KI  Reference BAS3

INIT    KI  Init event    Gained        Week        1073
        Init type     On the fly      seconds     399089.0
        Init counter  1               Point ID    <no text>
        Survey type   Real Time       Plate H. Dist <null>
        Plate V. Dist <null>          Plate azimuth <null>

SURVEY  KI  Elev mask 10                PDOP mask 6.0

EQUIP   NM  Receiver  4800              Serial no 20152374
        Antenna   4800 Internal
        Method    Measured to bottom of antenna mount
        Tape adj  0.000             Serial no <no text>
        Radius    0.000             V.Const   0.511

SURVEY EVENTKISurvey event Rover survey started

NOTE    TS  Time Date 08/03/2000 Time 14:52:05

GPSANT  KI  Antenna ht 5.161            Measuremt True

GPSREF  KI  Reference BAS3

INIT    KI  Init event    Gained        Week        1073
        Init type     On the fly      seconds     399143.0
        Init counter  1               Point ID    <no text>
        Survey type   Real Time       Plate H. Dist <null>
        Plate V. Dist <null>          Plate azimuth <null>
```

```
INIT   KI  Init event   Lost          Week       1073
       Init type    On the fly      seconds     399172.0
       Init counter  1             Point ID     <no text>
       Survey type   Real Time       Plate H. Dist <null>
       Plate V. Dist <null>         Plate azimuth <null>

EQUIP  NM  Receiver  4800              Serial no 20152374
       Antenna   4800 Internal
       Method    Measured to bottom of antenna mount
       Tape adj  0.000              Serial no <no text>
       Radius    0.000              V.Const   0.511

GPSANT  KI  Antenna ht 5.906            Measuremt Uncorrected

INIT   KI  Init event   Gained        Week       1073
       Init type    On the fly      seconds     400163.0
       Init counter  2             Point ID     <no text>
       Survey type   Real Time       Plate H. Dist <null>
       Plate V. Dist <null>         Plate azimuth <null>

GPSVEC  TP  Point ID 3915      DX   7934.775       DY   3282.849
       Class Normal       DZ   9121.884       Code GRD
       Mthd Phase Diff.    H.pr 0.029          V.pr 0.063

GPSQC1  NM  Min SVs       7              PDOP max  1.0
       Total GPS pos  10            HDOP max  0.4
       Monitor status Yes           VDOP max  0.9
       Horizontal SD  0.000          Vert SD   0.000
       Start wk 1073 sec 400388.0      End wk 1073   sec 400399.0

GPSVEC  TP  Point ID 3916      DX   7927.034       DY   3293.368
       Class Normal       DZ   9132.915       Code GRD
       Mthd Phase Diff.    H.pr 0.022          V.pr 0.046

GPSQC1  NM  Min SVs       7              PDOP max  1.1
       Total GPS pos  3             HDOP max  0.5
       Monitor status Yes           VDOP max  1.0
       Horizontal SD  0.000          Vert SD   0.000
       Start wk 1073 sec 400438.0      End wk 1073   sec 400496.0

GPSVEC  TP  Point ID 3917      DX   7924.834       DY   3296.934
       Class Normal       DZ   9136.755       Code GRD
       Mthd Phase Diff.    H.pr 0.026          V.pr 0.054
```

```
GPSQC1  NM  Min SVs      7              PDOP max  1.3
        Total GPS pos  5              HDOP max  0.6
        Monitor status Yes            VDOP max  1.2
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 400517.0      End wk 1073   sec 400521.0

GPSVEC  TP  Point ID 3918      DX   7917.596        DY   3309.466
        Class Normal        DZ   9148.768        Code GRD
        Mthd Phase Diff.    H.pr 0.023           V.pr 0.048

GPSQC1  NM  Min SVs      7              PDOP max  1.2
        Total GPS pos  6              HDOP max  0.5
        Monitor status Yes            VDOP max  1.1
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 400545.0      End wk 1073   sec 400550.0

GPSVEC  TP  Point ID 3919      DX   7910.746        DY   3318.826
        Class Normal        DZ   9158.009        Code GRD
        Mthd Phase Diff.    H.pr 0.020           V.pr 0.041

GPSQC1  NM  Min SVs      7              PDOP max  1.1
        Total GPS pos  7              HDOP max  0.5
        Monitor status Yes            VDOP max  1.0
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 400565.0      End wk 1073   sec 400571.0

GPSVEC  TP  Point ID 3920      DX   7904.416        DY   3328.835
        Class Normal        DZ   9168.077        Code GRD
        Mthd Phase Diff.    H.pr 0.025           V.pr 0.053

GPSQC1  NM  Min SVs      7              PDOP max  1.3
        Total GPS pos  5              HDOP max  0.6
        Monitor status Yes            VDOP max  1.2
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 400583.0      End wk 1073   sec 400587.0

GPSVEC  TP  Point ID 3921      DX   7896.183        DY   3341.067
        Class Normal        DZ   9180.419        Code GRD
        Mthd Phase Diff.    H.pr 0.024           V.pr 0.049

GPSQC1  NM  Min SVs      7              PDOP max  1.0
        Total GPS pos  7              HDOP max  0.4
        Monitor status Yes            VDOP max  0.9
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 400633.0      End wk 1073   sec 400642.0
```

GPSVEC TP Point ID 3922 DX 7891.223 DY 3347.746
Class Normal DZ 9187.199 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.048

GPSQC1 NM Min SVs 7 PDOP max 1.6
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 1.4
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 400663.0 End wk 1073 sec 400665.0

GPSVEC TP Point ID 3923 DX 7888.644 DY 3352.783
Class Normal DZ 9191.705 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.051

GPSQC1 NM Min SVs 7 PDOP max 1.3
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 400685.0 End wk 1073 sec 400689.0

GPSVEC TP Point ID 3924 DX 7880.800 DY 3364.034
Class Normal DZ 9203.301 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.046

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 7 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 400704.0 End wk 1073 sec 400711.0

NOTE TS Time Date 08/03/2000 Time 15:18:37

GPSVEC TP Point ID 3925 DX 7875.153 DY 3373.509
Class Normal DZ 9213.165 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.049

GPSQC1 NM Min SVs 7 PDOP max 1.2
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 400725.0 End wk 1073 sec 400730.0

GPSVEC TP Point ID 3926 DX 7868.289 DY 3383.128
Class Normal DZ 9223.414 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.045

GPSQC1 NM Min SVs 7 PDOP max 1.5
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 1.4
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 400763.0 End wk 1073 sec 400765.0

GPSVEC TP Point ID 3927 DX 7864.158 DY 3388.522
Class Normal DZ 9228.428 Code GRD
Mthd Phase Diff. H.pr 0.018 V.pr 0.037

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 7 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 400790.0 End wk 1073 sec 400796.0

INIT KI Init event High RMS Week 1073
Init type On the fly seconds 400804.0
Init counter 2 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Good RMS Week 1073
Init type On the fly seconds 400805.0
Init counter 2 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 3928 DX 7857.395 DY 3399.498
Class Normal DZ 9239.991 Code GRD
Mthd Phase Diff. H.pr 0.028 V.pr 0.055

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 8 HDOP max 0.4
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 400904.0 End wk 1073 sec 400911.0

GPSVEC TP Point ID 3929 DX 7852.293 DY 3407.220
Class Normal DZ 9247.521 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.046

GPSQC1 NM Min SVs 7 PDOP max 1.3
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 400942.0 End wk 1073 sec 400945.0

GPSVEC TP Point ID 3930 DX 7846.939 DY 3415.263
Class Normal DZ 9255.115 Code GRD
Mthd Phase Diff. H.pr 0.028 V.pr 0.055

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 400976.0 End wk 1073 sec 400981.0

GPSVEC TP Point ID 3931 DX 7842.475 DY 3422.222
Class Normal DZ 9262.209 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.052

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 400990.0 End wk 1073 sec 400994.0

GPSVEC TP Point ID 3932 DX 7838.463 DY 3427.182
Class Normal DZ 9269.548 Code TOE LEVEE
Mthd Phase Diff. H.pr 0.024 V.pr 0.053

GPSQC1 NM Min SVs 6 PDOP max 1.6
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 1.5
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 401073.0 End wk 1073 sec 401075.0

GPSVEC TP Point ID 331 DX 7874.101 DY 3432.636
Class Normal DZ 9305.156 Code SG 451+54W
Mthd Phase Diff. H.pr 0.017 V.pr 0.037

GPSQC1 NM Min SVs 6 PDOP max 1.6
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 1.4
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 401186.0 End wk 1073 sec 401188.0

```
INIT   KI  Init event   Lost          Week       1073
           Init type    On the fly    seconds    401193.0
           Init counter 2             Point ID   <no text>
           Survey type  Real Time     Plate H. Dist <null>
           Plate V. Dist <null>       Plate azimuth <null>

INIT   KI  Init event   Gained        Week       1073
           Init type    On the fly    seconds    401272.0
           Init counter 3             Point ID   <no text>
           Survey type  Real Time     Plate H. Dist <null>
           Plate V. Dist <null>       Plate azimuth <null>

GPSVEC TP  Point ID 332      DX  7874.110      DY  3432.661
           Class Normal      DZ  9305.224      Code SG 451+54W
           Mthd Phase Diff.  H.pr 0.024        V.pr 0.051

GPSQC1 NM  Min SVs      6          PDOP max  1.4
           Total GPS pos 4          HDOP max  0.6
           Monitor status Yes       VDOP max  1.2
           Horizontal SD 0.000      Vert SD   0.000
           Start wk 1073 sec 401280.0    End wk 1073   sec 401283.0

GPSVEC TP  Point ID 3933     DX  7877.226      DY  3433.213
           Class Normal      DZ  9300.195      Code TOE LEVEE
           Mthd Phase Diff.  H.pr 0.020        V.pr 0.042

GPSQC1 NM  Min SVs      6          PDOP max  1.2
           Total GPS pos 5          HDOP max  0.5
           Monitor status Yes       VDOP max  1.1
           Horizontal SD 0.000      Vert SD   0.000
           Start wk 1073 sec 401356.0    End wk 1073   sec 401360.0

GPSVEC TP  Point ID 3934     DX  7880.436      DY  3428.704
           Class Normal      DZ  9295.045      Code CNC
           Mthd Phase Diff.  H.pr 0.025        V.pr 0.053

GPSQC1 NM  Min SVs      6          PDOP max  1.5
           Total GPS pos 3          HDOP max  0.6
           Monitor status Yes       VDOP max  1.4
           Horizontal SD 0.000      Vert SD   0.000
           Start wk 1073 sec 401377.0    End wk 1073   sec 401379.0

GPSVEC TP  Point ID 3935     DX  7888.378      DY  3417.227
           Class Normal      DZ  9283.478      Code CNC
           Mthd Phase Diff.  H.pr 0.020        V.pr 0.042
```

GPSQC1 NM Min SVs 6 PDOP max 1.5
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 401393.0 End wk 1073 sec 401395.0

GPSVEC TP Point ID 3936 DX 7896.419 DY 3404.690
Class Normal DZ 9271.085 Code CNC
Mthd Phase Diff. H.pr 0.023 V.pr 0.048

GPSQC1 NM Min SVs 6 PDOP max 1.5
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 401411.0 End wk 1073 sec 401413.0

GPSVEC TP Point ID 3937 DX 7904.131 DY 3393.154
Class Normal DZ 9259.381 Code CNC
Mthd Phase Diff. H.pr 0.021 V.pr 0.044

GPSQC1 NM Min SVs 6 PDOP max 1.5
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 401428.0 End wk 1073 sec 401430.0

GPSVEC TP Point ID 3938 DX 7912.068 DY 3381.243
Class Normal DZ 9247.277 Code CNC
Mthd Phase Diff. H.pr 0.022 V.pr 0.045

GPSQC1 NM Min SVs 6 PDOP max 1.5
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 401446.0 End wk 1073 sec 401448.0

GPSVEC TP Point ID 3939 DX 7919.722 DY 3369.769
Class Normal DZ 9235.486 Code CNC
Mthd Phase Diff. H.pr 0.020 V.pr 0.041

GPSQC1 NM Min SVs 6 PDOP max 1.5
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 401463.0 End wk 1073 sec 401465.0

GPSVEC TP Point ID 3940 DX 7927.807 DY 3358.103
Class Normal DZ 9223.467 Code CNC
Mthd Phase Diff. H.pr 0.020 V.pr 0.041

GPSQC1 NM Min SVs 6 PDOP max 1.5
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 401478.0 End wk 1073 sec 401480.0

GPSVEC TP Point ID 3941 DX 7928.925 DY 3357.526
Class Normal DZ 9221.503 Code CNC
Mthd Phase Diff. H.pr 0.020 V.pr 0.041

GPSQC1 NM Min SVs 6 PDOP max 1.5
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 401492.0 End wk 1073 sec 401494.0

GPSVEC TP Point ID 3942 DX 7932.127 DY 3352.555
Class Normal DZ 9216.539 Code CNC
Mthd Phase Diff. H.pr 0.022 V.pr 0.044

GPSQC1 NM Min SVs 6 PDOP max 1.5
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 401506.0 End wk 1073 sec 401508.0

GPSVEC TP Point ID 3943 DX 7932.564 DY 3351.596
Class Normal DZ 9215.827 Code CNC
Mthd Phase Diff. H.pr 0.027 V.pr 0.054

GPSQC1 NM Min SVs 6 PDOP max 1.5
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 401516.0 End wk 1073 sec 401518.0

GPSVEC TP Point ID 3944 DX 7932.657 DY 3350.299
Class Normal DZ 9215.518 Code CNC
Mthd Phase Diff. H.pr 0.025 V.pr 0.051

```
GPSQC1  NM  Min SVs      6              PDOP max  1.5
        Total GPS pos  3              HDOP max  0.6
        Monitor status Yes            VDOP max  1.3
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 401527.0       End wk 1073   sec 401529.0

GPSVEC  TP  Point ID 3945       DX   7940.912        DY   3337.402
        Class Normal        DZ   9203.146        Code CNC
        Mthd Phase Diff.    H.pr 0.018           V.pr 0.036

GPSQC1  NM  Min SVs      6              PDOP max  1.1
        Total GPS pos  4              HDOP max  0.5
        Monitor status Yes            VDOP max  1.0
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 401568.0       End wk 1073   sec 401571.0

GPSVEC  TP  Point ID 3946       DX   7949.391        DY   3324.717
        Class Normal        DZ   9190.454        Code CNC
        Mthd Phase Diff.    H.pr 0.020           V.pr 0.040

GPSQC1  NM  Min SVs      6              PDOP max  1.4
        Total GPS pos  3              HDOP max  0.6
        Monitor status Yes            VDOP max  1.3
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 401586.0       End wk 1073   sec 401588.0

GPSVEC  TP  Point ID 3947       DX   7957.570        DY   3312.338
        Class Normal        DZ   9177.914        Code CNC
        Mthd Phase Diff.    H.pr 0.027           V.pr 0.054

GPSQC1  NM  Min SVs      6              PDOP max  0.6
        Total GPS pos  18             HDOP max  0.3
        Monitor status Yes            VDOP max  0.5
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 401612.0       End wk 1073   sec 401648.0

GPSVEC  TP  Point ID 3948       DX   7966.475        DY   3299.283
        Class Normal        DZ   9164.407        Code CNC
        Mthd Phase Diff.    H.pr 0.023           V.pr 0.045

GPSQC1  NM  Min SVs      6              PDOP max  1.4
        Total GPS pos  3              HDOP max  0.6
        Monitor status Yes            VDOP max  1.3
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 401670.0       End wk 1073   sec 401673.0
```

GPSVEC TP Point ID 3949 DX 7975.563 DY 3285.862
Class Normal DZ 9150.772 Code CNC
Mthd Phase Diff. H.pr 0.025 V.pr 0.050

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 401686.0 End wk 1073 sec 401688.0

GPSVEC TP Point ID 3950 DX 7980.582 DY 3277.974
Class Normal DZ 9142.661 Code CNC
Mthd Phase Diff. H.pr 0.026 V.pr 0.051

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 401704.0 End wk 1073 sec 401706.0

GPSVEC TP Point ID 3951 DX 7983.230 DY 3274.675
Class Normal DZ 9139.403 Code TOE LEVEE
Mthd Phase Diff. H.pr 0.040 V.pr 0.052

GPSQC1 NM Min SVs 5 PDOP max 0.8
Total GPS pos 13 HDOP max 0.5
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 401741.0 End wk 1073 sec 401758.0

GPSVEC TP Point ID 3952 DX 8107.766 DY 3257.179
Class Normal DZ 9204.603 Code TOE LEVEE
Mthd Phase Diff. H.pr 0.027 V.pr 0.052

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 401826.0 End wk 1073 sec 401828.0

GPSVEC TP Point ID 3953 DX 8099.085 DY 3270.500
Class Normal DZ 9217.607 Code CNC
Mthd Phase Diff. H.pr 0.029 V.pr 0.055

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 401844.0 End wk 1073 sec 401846.0

GPSVEC TP Point ID 3954 DX 8090.942 DY 3282.832
Class Normal DZ 9230.067 Code CNC
Mthd Phase Diff. H.pr 0.021 V.pr 0.039

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 401859.0 End wk 1073 sec 401862.0

GPSVEC TP Point ID 3955 DX 8084.032 DY 3293.451
Class Normal DZ 9241.084 Code CNC
Mthd Phase Diff. H.pr 0.018 V.pr 0.033

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 401881.0 End wk 1073 sec 401883.0

GPSVEC TP Point ID 3956 DX 8075.365 DY 3306.175
Class Normal DZ 9254.047 Code CNC
Mthd Phase Diff. H.pr 0.021 V.pr 0.039

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 401895.0 End wk 1073 sec 401897.0

GPSVEC TP Point ID 3957 DX 8066.885 DY 3319.279
Class Normal DZ 9267.535 Code CNC
Mthd Phase Diff. H.pr 0.020 V.pr 0.038

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 401914.0 End wk 1073 sec 401916.0

GPSVEC TP Point ID 3958 DX 8058.702 DY 3331.632
Class Normal DZ 9279.978 Code CNC
Mthd Phase Diff. H.pr 0.020 V.pr 0.036

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 401930.0 End wk 1073 sec 401933.0

GPSVEC TP Point ID 3959 DX 8050.421 DY 3344.201
Class Normal DZ 9292.710 Code CNC
Mthd Phase Diff. H.pr 0.020 V.pr 0.036

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 401946.0 End wk 1073 sec 401949.0

GPSVEC TP Point ID 3960 DX 8042.278 DY 3356.634
Class Normal DZ 9305.478 Code CNC
Mthd Phase Diff. H.pr 0.022 V.pr 0.041

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 401960.0 End wk 1073 sec 401962.0

GPSVEC TP Point ID 3961 DX 8033.810 DY 3369.263
Class Normal DZ 9318.319 Code CNC
Mthd Phase Diff. H.pr 0.027 V.pr 0.049

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 401976.0 End wk 1073 sec 401978.0

GPSVEC TP Point ID 3962 DX 8025.107 DY 3382.514
Class Normal DZ 9331.908 Code CNC
Mthd Phase Diff. H.pr 0.019 V.pr 0.035

```
GPSQC1  NM  Min SVs      6            PDOP max  1.3
        Total GPS pos  3            HDOP max  0.6
        Monitor status Yes          VDOP max  1.2
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1073 sec 401995.0      End wk 1073   sec 401997.0

GPSVEC  TP  Point ID 3963      DX   8016.918       DY   3394.975
        Class Normal        DZ   9344.570       Code CNC
        Mthd Phase Diff.    H.pr 0.024          V.pr 0.044

GPSQC1  NM  Min SVs      6            PDOP max  1.3
        Total GPS pos  3            HDOP max  0.6
        Monitor status Yes          VDOP max  1.1
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1073 sec 402014.0      End wk 1073   sec 402016.0

GPSVEC  TP  Point ID 3964      DX   8008.502       DY   3407.823
        Class Normal        DZ   9357.606       Code CNC
        Mthd Phase Diff.    H.pr 0.020          V.pr 0.036

GPSQC1  NM  Min SVs      6            PDOP max  1.2
        Total GPS pos  3            HDOP max  0.6
        Monitor status Yes          VDOP max  1.0
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1073 sec 402032.0      End wk 1073   sec 402035.0

GPSVEC  TP  Point ID 3965      DX   8000.102       DY   3420.491
        Class Normal        DZ   9370.445       Code CNC
        Mthd Phase Diff.    H.pr 0.027          V.pr 0.048

GPSQC1  NM  Min SVs      6            PDOP max  1.3
        Total GPS pos  3            HDOP max  0.6
        Monitor status Yes          VDOP max  1.1
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1073 sec 402056.0      End wk 1073   sec 402058.0

GPSVEC  TP  Point ID 3966      DX   7993.024       DY   3431.374
        Class Normal        DZ   9381.290       Code CNC
        Mthd Phase Diff.    H.pr 0.025          V.pr 0.045

GPSQC1  NM  Min SVs      6            PDOP max  1.3
        Total GPS pos  3            HDOP max  0.6
        Monitor status Yes          VDOP max  1.1
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1073 sec 402070.0      End wk 1073   sec 402072.0
```

GPSVEC TP Point ID 3967 DX 7990.534 DY 3434.960
Class Normal DZ 9385.096 Code TOE LEVEE
Mthd Phase Diff. H.pr 0.025 V.pr 0.045

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 402090.0 End wk 1073 sec 402092.0

GPSVEC TP Point ID 333 DX 7986.951 DY 3434.187
Class Normal DZ 9390.613 Code SG 452+60W
Mthd Phase Diff. H.pr 0.022 V.pr 0.038

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 402148.0 End wk 1073 sec 402150.0

INIT KI Init event Lost(RMS) Week 1073
Init type On the fly seconds 402157.0
Init counter 3 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1073
Init type On the fly seconds 402223.0
Init counter 4 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 334 DX 7986.996 DY 3434.106
Class Normal DZ 9390.515 Code SG 452+60W
Mthd Phase Diff. H.pr 0.023 V.pr 0.039

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 402232.0 End wk 1073 sec 402234.0

```
INIT   KI  Init event   Lost          Week        1073
       Init type    On the fly       seconds     402248.0
       Init counter  4              Point ID     <no text>
       Survey type   Real Time        Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>

INIT   KI  Init event   Gained        Week        1073
       Init type    On the fly       seconds     402324.0
       Init counter  5              Point ID     <no text>
       Survey type   Real Time        Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>

GPSVEC TP  Point ID 335      DX  7986.880       DY  3434.145
       Class Normal       DZ  9390.526       Code SG 452+60W
       Mthd Phase Diff.   H.pr 0.024         V.pr 0.039

GPSQC1 NM  Min SVs      6            PDOP max  1.1
       Total GPS pos  4            HDOP max  0.6
       Monitor status Yes          VDOP max  0.9
       Horizontal SD  0.000         Vert SD   0.000
       Start wk 1073 sec 402335.0      End wk 1073   sec 402338.0

INIT   KI  Init event   Lost          Week        1073
       Init type    On the fly       seconds     402410.0
       Init counter  5              Point ID     <no text>
       Survey type   Real Time        Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>

NOTE   TS  Time Date 08/03/2000 Time 15:59:20

INIT   KI  Init event   Gained        Week        1073
       Init type    On the fly       seconds     403172.0
       Init counter  6              Point ID     <no text>
       Survey type   Real Time        Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>

GPSVEC TP  Point ID 336      DX  8108.193       DY  3250.796
       Class Normal       DZ  9204.665       Code SG 452+60E
       Mthd Phase Diff.   H.pr 0.024         V.pr 0.035

GPSQC1 NM  Min SVs      7            PDOP max  0.9
       Total GPS pos  3            HDOP max  0.5
       Monitor status Yes          VDOP max  0.7
       Horizontal SD  0.000         Vert SD   0.000
       Start wk 1073 sec 403190.0      End wk 1073   sec 403192.0
```

```
INIT   KI  Init event   Lost          Week       1073
       Init type    On the fly      seconds     403198.0
       Init counter  6             Point ID    <no text>
       Survey type   Real Time        Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>

INIT   KI  Init event   Gained        Week       1073
       Init type    On the fly      seconds     403250.0
       Init counter  7             Point ID    <no text>
       Survey type   Real Time        Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>

GPSVEC  TP  Point ID 337      DX  8108.243       DY  3250.795
       Class Normal       DZ  9204.706       Code SG 452+60E
       Mthd Phase Diff.    H.pr 0.027          V.pr 0.038

GPSQC1  NM  Min SVs      7             PDOP max  0.9
       Total GPS pos  3             HDOP max  0.5
       Monitor status Yes           VDOP max  0.7
       Horizontal SD  0.000          Vert SD   0.000
       Start wk 1073 sec 403259.0      End wk 1073   sec 403261.0

INIT   KI  Init event   Lost          Week       1073
       Init type    On the fly      seconds     403291.0
       Init counter  7             Point ID    <no text>
       Survey type   Real Time        Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>

INIT   KI  Init event   Gained        Week       1073
       Init type    On the fly      seconds     403465.0
       Init counter  8             Point ID    <no text>
       Survey type   Real Time        Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>

GPSVEC  TP  Point ID 338      DX  8282.278       DY  3736.896
       Class Normal       DZ  9985.382       Code SG 460+00W
       Mthd Phase Diff.    H.pr 0.039          V.pr 0.047

GPSQC1  NM  Min SVs      6             PDOP max  0.9
       Total GPS pos  3             HDOP max  0.6
       Monitor status Yes           VDOP max  0.7
       Horizontal SD  0.000          Vert SD   0.000
       Start wk 1073 sec 403602.0      End wk 1073   sec 403604.0
```

```
INIT   KI  Init event    Lost            Week        1073
       Init type     On the fly        seconds     403610.0
       Init counter  8                 Point ID    <no text>
       Survey type   Real Time          Plate H. Dist <null>
       Plate V. Dist <null>            Plate azimuth <null>

INIT   KI  Init event    Gained          Week        1073
       Init type     On the fly        seconds     403658.0
       Init counter  9                 Point ID    <no text>
       Survey type   Real Time          Plate H. Dist <null>
       Plate V. Dist <null>            Plate azimuth <null>

INIT   KI  Init event    Lost(RMS)       Week        1073
       Init type     On the fly        seconds     403741.0
       Init counter  9                 Point ID    <no text>
       Survey type   Real Time          Plate H. Dist <null>
       Plate V. Dist <null>            Plate azimuth <null>

INIT   KI  Init event    Gained          Week        1073
       Init type     On the fly        seconds     404036.0
       Init counter  10                Point ID    <no text>
       Survey type   Real Time          Plate H. Dist <null>
       Plate V. Dist <null>            Plate azimuth <null>

INIT   KI  Init event    Lost            Week        1073
       Init type     On the fly        seconds     404051.0
       Init counter  10                Point ID    <no text>
       Survey type   Real Time          Plate H. Dist <null>
       Plate V. Dist <null>            Plate azimuth <null>

EQUIP  BA  Receiver  4800                Serial no 20141803
       Antenna   4800 Internal
       Method    Reading from hook using 4800 tape
       Tape adj  0.000                 Serial no <no text>
       Radius    0.358                 V.Const   0.104

SURVEY EVENTKISurvey event Base survey started

NOTE   TS  Time Date 08/03/2000 Time 16:42:18

NOTE   TS  Time Date 08/03/2000 Time 16:42:18
```

```
EQUIP  BA Receiver 4800              Serial no 20141803
       Antenna  4800 Internal
       Method   Reading from hook using 4800 tape
       Tape adj 0.000              Serial no <no text>
       Radius   0.358              V.Const  0.104

GPSANT KI Antenna ht 5.210           Measuremt Uncorrected

EQUIP  BA Receiver 4800              Serial no 20141803
       Antenna  4800 Internal
       Method   Reading from hook using 4800 tape
       Tape adj 0.000              Serial no <no text>
       Radius   0.358              V.Const  0.104

GPSANT KI Antenna ht 5.210           Measuremt Uncorrected

EQUIP  BA Receiver 4800              Serial no 20141803
       Antenna  4800 Internal
       Method   Reading from hook using 4800 tape
       Tape adj 0.000              Serial no <no text>
       Radius   0.358              V.Const  0.104

GPSANT KI Antenna ht 5.210           Measuremt Uncorrected

GPSREF KI Reference 220

SURVEY KI Elev mask 10               PDOP mask 6.0

EQUIP  NM Receiver 4800              Serial no 20152374
       Antenna  4800 Internal
       Method   Measured to bottom of antenna mount
       Tape adj 0.000              Serial no <no text>
       Radius   0.000              V.Const  0.511

SURVEY EVENTKISurvey event Rover survey started

NOTE   TS Time Date 08/03/2000 Time 16:43:10

GPSANT KI Antenna ht 5.302           Measuremt True

GPSREF KI Reference 220
```

```
INIT   KI  Init event   Gained          Week        1073
           Init type    On the fly      seconds     405829.0
           Init counter 1               Point ID    <no text>
           Survey type  Real Time       Plate H. Dist <null>
           Plate V. Dist <null>         Plate azimuth <null>

EQUIP  NM  Receiver 4800                Serial no 20152374
           Antenna  4800 Internal
           Method   Measured to bottom of antenna mount
           Tape adj 0.000               Serial no <no text>
           Radius   0.000               V.Const   0.511

GPSANT KI  Antenna ht 5.906             Measuremt Uncorrected

INIT   KI  Init event   Lost            Week        1073
           Init type    On the fly      seconds     405851.0
           Init counter 1               Point ID    <no text>
           Survey type  Real Time       Plate H. Dist <null>
           Plate V. Dist <null>         Plate azimuth <null>

INIT   KI  Init event   Gained          Week        1073
           Init type    On the fly      seconds     406105.0
           Init counter 2               Point ID    <no text>
           Survey type  Real Time       Plate H. Dist <null>
           Plate V. Dist <null>         Plate azimuth <null>

GPSVEC TP  Point ID 339      DX  295.084      DY  499.484
           Class Normal      DZ  850.510      Code SG 460+00W
           Mthd Phase Diff.  H.pr 0.022       V.pr 0.032

GPSQC1 NM  Min SVs      6            PDOP max  1.3
           Total GPS pos 3           HDOP max  0.7
           Monitor status Yes        VDOP max  1.1
           Horizontal SD 0.000       Vert SD   0.000
           Start wk 1073 sec 406166.0     End wk 1073   sec 406168.0

NOTE   KI  Computed inverse, Start pt: 337, End pt: 338,

NOTE   KI  Azimuth: 358.777°, H Dist: 935.834ft, V Dist: 2.685ft,

NOTE   KI  S Dist: 935.838ft

NOTE   KI  LINE. Name: 35, Code: , Method: Two points, Start pt: 338,

NOTE   KI  End pt: 230, Azimuth: 271.134°, Length: 16.136ft,
```

NOTE KI Grade: 30.629°

GPSVEC TP Point ID 3968 DX 301.744 DY 500.373
Class Normal DZ 848.447 Code TOE LEVEE
Mthd Phase Diff. H.pr 0.034 V.pr 0.051

GPSQC1 NM Min SVs 5 PDOP max 1.4
Total GPS pos 4 HDOP max 0.8
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 406230.0 End wk 1073 sec 406233.0

GPSVEC TP Point ID 3969 DX 318.088 DY 493.084
Class Normal DZ 848.437 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.038

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 4 HDOP max 0.7
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 406262.0 End wk 1073 sec 406265.0

GPSVEC TP Point ID 3970 DX 337.117 DY 485.235
Class Normal DZ 848.080 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.038

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 406283.0 End wk 1073 sec 406285.0

GPSVEC TP Point ID 3971 DX 349.509 DY 480.006
Class Normal DZ 847.673 Code GRD
Mthd Phase Diff. H.pr 0.034 V.pr 0.050

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 406296.0 End wk 1073 sec 406298.0

GPSVEC TP Point ID 3972 DX 355.871 DY 477.663
Class Normal DZ 847.091 Code GRD
Mthd Phase Diff. H.pr 0.031 V.pr 0.045

```
GPSQC1  NM  Min SVs      6            PDOP max  1.2
        Total GPS pos  4            HDOP max  0.7
        Monitor status Yes          VDOP max  1.0
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1073 sec 406311.0      End wk 1073   sec 406314.0

GPSVEC  TP  Point ID 3973      DX   368.681        DY   472.520
        Class Normal        DZ   847.198        Code GRD
        Mthd Phase Diff.    H.pr 0.024          V.pr 0.035

GPSQC1  NM  Min SVs      6            PDOP max  1.3
        Total GPS pos  3            HDOP max  0.7
        Monitor status Yes          VDOP max  1.1
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1073 sec 406327.0      End wk 1073   sec 406329.0

GPSVEC  TP  Point ID 3974      DX   381.812        DY   467.570
        Class Normal        DZ   846.523        Code GRD
        Mthd Phase Diff.    H.pr 0.024          V.pr 0.035

GPSQC1  NM  Min SVs      6            PDOP max  1.3
        Total GPS pos  3            HDOP max  0.7
        Monitor status Yes          VDOP max  1.1
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1073 sec 406347.0      End wk 1073   sec 406349.0

GPSVEC  TP  Point ID 3975      DX   388.085        DY   464.852
        Class Normal        DZ   845.936        Code GRD
        Mthd Phase Diff.    H.pr 0.026          V.pr 0.038

GPSQC1  NM  Min SVs      6            PDOP max  1.2
        Total GPS pos  4            HDOP max  0.7
        Monitor status Yes          VDOP max  1.0
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1073 sec 406362.0      End wk 1073   sec 406365.0

GPSVEC  TP  Point ID 3976      DX   397.992        DY   460.908
        Class Normal        DZ   846.216        Code GRD
        Mthd Phase Diff.    H.pr 0.023          V.pr 0.034

GPSQC1  NM  Min SVs      6            PDOP max  1.3
        Total GPS pos  3            HDOP max  0.7
        Monitor status Yes          VDOP max  1.1
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1073 sec 406379.0      End wk 1073   sec 406381.0
```

GPSVEC TP Point ID 3977 DX 403.872 DY 458.724
Class Normal DZ 846.124 Code GRD
Mthd Phase Diff. H.pr 0.034 V.pr 0.050

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 4 HDOP max 0.7
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 406393.0 End wk 1073 sec 406396.0

GPSVEC TP Point ID 3978 DX 414.693 DY 453.751
Class Normal DZ 846.082 Code GRD
Mthd Phase Diff. H.pr 0.031 V.pr 0.046

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 406414.0 End wk 1073 sec 406416.0

GPSVEC TP Point ID 3979 DX 430.402 DY 446.914
Class Normal DZ 845.949 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.040

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 406428.0 End wk 1073 sec 406430.0

GPSVEC TP Point ID 3980 DX 445.846 DY 440.405
Class Normal DZ 845.741 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.035

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 406446.0 End wk 1073 sec 406448.0

GPSVEC TP Point ID 3981 DX 462.127 DY 433.566
Class Normal DZ 845.543 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.039

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 406466.0 End wk 1073 sec 406468.0

GPSVEC TP Point ID 3982 DX 481.065 DY 425.567
Class Normal DZ 845.463 Code GRD
Mthd Phase Diff. H.pr 0.031 V.pr 0.049

GPSQC1 NM Min SVs 5 PDOP max 1.4
Total GPS pos 4 HDOP max 0.8
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 406492.0 End wk 1073 sec 406495.0

GPSVEC TP Point ID 3983 DX 499.270 DY 418.064
Class Normal DZ 844.944 Code GRD
Mthd Phase Diff. H.pr 0.034 V.pr 0.053

GPSQC1 NM Min SVs 5 PDOP max 1.6
Total GPS pos 3 HDOP max 0.9
Monitor status Yes VDOP max 1.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 406512.0 End wk 1073 sec 406514.0

GPSVEC TP Point ID 3984 DX 519.065 DY 410.029
Class Normal DZ 844.503 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.036

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 4 HDOP max 0.7
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 406537.0 End wk 1073 sec 406540.0

GPSVEC TP Point ID 3985 DX 534.510 DY 403.536
Class Normal DZ 844.465 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.038

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 4 HDOP max 0.7
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 406557.0 End wk 1073 sec 406560.0

GPSVEC TP Point ID 3986 DX 546.119 DY 398.686
Class Normal DZ 843.977 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.035

GPSQC1 NM Min SVs 5 PDOP max 1.3
Total GPS pos 4 HDOP max 0.7
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 406579.0 End wk 1073 sec 406582.0

GPSVEC TP Point ID 3987 DX 554.776 DY 395.851
Class Normal DZ 843.712 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.043

GPSQC1 NM Min SVs 5 PDOP max 1.4
Total GPS pos 4 HDOP max 0.8
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 406596.0 End wk 1073 sec 406599.0

GPSVEC TP Point ID 3988 DX 563.671 DY 391.799
Class Normal DZ 843.300 Code GRD
Mthd Phase Diff. H.pr 0.028 V.pr 0.045

GPSQC1 NM Min SVs 5 PDOP max 1.3
Total GPS pos 5 HDOP max 0.7
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 406615.0 End wk 1073 sec 406619.0

GPSVEC TP Point ID 3989 DX 568.126 DY 389.724
Class Normal DZ 843.508 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.040

GPSQC1 NM Min SVs 5 PDOP max 1.6
Total GPS pos 3 HDOP max 0.9
Monitor status Yes VDOP max 1.4
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 406637.0 End wk 1073 sec 406639.0

GPSVEC TP Point ID 3990 DX 573.878 DY 387.923
Class Normal DZ 843.378 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.035

```
GPSQC1  NM  Min SVs      5              PDOP max  1.2
        Total GPS pos  6              HDOP max  0.6
        Monitor status Yes            VDOP max  1.0
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 406654.0       End wk 1073   sec 406659.0

INIT    KI  Init event    Lost            Week        1073
        Init type     On the fly        seconds     406665.0
        Init counter  2               Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

INIT    KI  Init event    Gained          Week        1073
        Init type     On the fly        seconds     407124.0
        Init counter  3               Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

GPSVEC  TP  Point ID 340       DX   511.170        DY   1008.428
        Class Normal        DZ   1693.109        Code SG 470+00W
        Mthd Phase Diff.    H.pr 0.022           V.pr 0.034

GPSQC1  NM  Min SVs      6              PDOP max  1.1
        Total GPS pos  5              HDOP max  0.6
        Monitor status Yes            VDOP max  0.9
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 407167.0       End wk 1073   sec 407171.0

INIT    KI  Init event    Lost            Week        1073
        Init type     On the fly        seconds     407177.0
        Init counter  3               Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

INIT    KI  Init event    Gained          Week        1073
        Init type     On the fly        seconds     407202.0
        Init counter  4               Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

GPSVEC  TP  Point ID 341       DX   511.136        DY   1008.432
        Class Normal        DZ   1693.105        Code SG 470+00W
        Mthd Phase Diff.    H.pr 0.026           V.pr 0.039
```

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 4 HDOP max 0.7
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 407208.0 End wk 1073 sec 407211.0

NOTE KI LINE. Name: 36, Code: , Method: Two points, Start pt: 340,

NOTE KI End pt: 232, Azimuth: 271.737°, Length: 8.372ft,

NOTE KI Grade: 29.582°

GPSVEC TP Point ID 3991 DX 517.115 DY 1009.460
Class Normal DZ 1690.772 Code TOE LEVEE
Mthd Phase Diff. H.pr 0.027 V.pr 0.041

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 407264.0 End wk 1073 sec 407266.0

GPSVEC TP Point ID 3992 DX 522.923 DY 1007.271
Class Normal DZ 1690.446 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.040

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 407283.0 End wk 1073 sec 407285.0

GPSVEC TP Point ID 3993 DX 536.037 DY 1001.766
Class Normal DZ 1690.027 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.034

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 407297.0 End wk 1073 sec 407299.0

GPSVEC TP Point ID 3994 DX 553.131 DY 994.848
Class Normal DZ 1689.271 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.035

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 407320.0 End wk 1073 sec 407322.0

GPSVEC TP Point ID 3995 DX 568.565 DY 988.145
Class Normal DZ 1689.101 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.035

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 407342.0 End wk 1073 sec 407345.0

GPSVEC TP Point ID 3996 DX 576.823 DY 984.675
Class Normal DZ 1688.984 Code GRD
Mthd Phase Diff. H.pr 0.035 V.pr 0.053

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 407358.0 End wk 1073 sec 407360.0

GPSVEC TP Point ID 3997 DX 589.201 DY 979.896
Class Normal DZ 1688.243 Code GRD
Mthd Phase Diff. H.pr 0.031 V.pr 0.047

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 407376.0 End wk 1073 sec 407378.0

GPSVEC TP Point ID 3998 DX 595.994 DY 977.615
Class Normal DZ 1687.671 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.039

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 407391.0 End wk 1073 sec 407393.0

GPSVEC TP Point ID 3999 DX 605.331 DY 974.036
Class Normal DZ 1687.236 Code GRD
Mthd Phase Diff. H.pr 0.029 V.pr 0.045

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 407407.0 End wk 1073 sec 407409.0

GPSVEC TP Point ID 4000 DX 609.447 DY 972.800
Class Normal DZ 1687.174 Code GRD
Mthd Phase Diff. H.pr 0.033 V.pr 0.050

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 407424.0 End wk 1073 sec 407426.0

GPSVEC TP Point ID 4001 DX 613.000 DY 971.418
Class Normal DZ 1686.626 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.034

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 407445.0 End wk 1073 sec 407448.0

GPSVEC TP Point ID 4002 DX 615.986 DY 969.766
Class Normal DZ 1686.808 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.034

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 407466.0 End wk 1073 sec 407469.0

GPSVEC TP Point ID 4003 DX 626.679 DY 965.911
Class Normal DZ 1686.597 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.038

```
GPSQC1  NM  Min SVs      7              PDOP max  1.2
        Total GPS pos  3              HDOP max  0.6
        Monitor status Yes            VDOP max  1.0
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 407483.0       End wk 1073   sec 407485.0

GPSVEC  TP  Point ID 4004       DX   631.933        DY   963.032
        Class Normal        DZ   1686.599        Code GRD
        Mthd Phase Diff.    H.pr 0.026          V.pr 0.040

GPSQC1  NM  Min SVs      7              PDOP max  1.2
        Total GPS pos  3              HDOP max  0.6
        Monitor status Yes            VDOP max  1.0
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 407495.0       End wk 1073   sec 407497.0

GPSVEC  TP  Point ID 4005       DX   639.248        DY   957.207
        Class Normal        DZ   1687.892        Code GRD
        Mthd Phase Diff.    H.pr 0.031          V.pr 0.047

GPSQC1  NM  Min SVs      7              PDOP max  1.2
        Total GPS pos  3              HDOP max  0.6
        Monitor status Yes            VDOP max  1.0
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 407531.0       End wk 1073   sec 407533.0

NOTE    TS  Time Date 08/03/2000 Time 17:12;20

GPSVEC  TP  Point ID 4006       DX   654.037        DY   950.917
        Class Normal        DZ   1687.427        Code GRD
        Mthd Phase Diff.    H.pr 0.022          V.pr 0.034

GPSQC1  NM  Min SVs      7              PDOP max  0.9
        Total GPS pos  5              HDOP max  0.5
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 407548.0       End wk 1073   sec 407553.0

GPSVEC  TP  Point ID 4007       DX   662.996        DY   946.517
        Class Normal        DZ   1687.828        Code GRD
        Mthd Phase Diff.    H.pr 0.035          V.pr 0.054
```

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 407563.0 End wk 1073 sec 407566.0

GPSVEC TP Point ID 4008 DX 672.687 DY 941.552
Class Normal DZ 1687.943 Code GRD
Mthd Phase Diff. H.pr 0.034 V.pr 0.053

GPSQC1 NM Min SVs 7 PDOP max 1.2
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 407586.0 End wk 1073 sec 407588.0

GPSVEC TP Point ID 4009 DX 689.521 DY 934.135
Class Normal DZ 1687.736 Code GRD
Mthd Phase Diff. H.pr 0.033 V.pr 0.052

GPSQC1 NM Min SVs 7 PDOP max 1.2
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 407602.0 End wk 1073 sec 407604.0

GPSVEC TP Point ID 4010 DX 705.552 DY 926.995
Class Normal DZ 1687.664 Code GRD
Mthd Phase Diff. H.pr 0.029 V.pr 0.046

GPSQC1 NM Min SVs 7 PDOP max 1.2
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 407621.0 End wk 1073 sec 407623.0

GPSVEC TP Point ID 4011 DX 719.677 DY 920.762
Class Normal DZ 1687.501 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.032

GPSQC1 NM Min SVs 7 PDOP max 1.2
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 407638.0 End wk 1073 sec 407640.0

GPSVEC TP Point ID 4012 DX 731.377 DY 915.120
Class Normal DZ 1687.180 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.042

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 407658.0 End wk 1073 sec 407661.0

GPSVEC TP Point ID 4013 DX 737.114 DY 912.478
Class Normal DZ 1687.330 Code GRD
Mthd Phase Diff. H.pr 0.029 V.pr 0.045

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 407672.0 End wk 1073 sec 407677.0

GPSVEC TP Point ID 4014 DX 747.230 DY 906.845
Class Normal DZ 1687.848 Code GRD
Mthd Phase Diff. H.pr 0.028 V.pr 0.044

GPSQC1 NM Min SVs 7 PDOP max 1.2
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 407690.0 End wk 1073 sec 407692.0

GPSVEC TP Point ID 4015 DX 757.898 DY 900.540
Class Normal DZ 1688.543 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.035

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 407707.0 End wk 1073 sec 407710.0

GPSVEC TP Point ID 4016 DX 766.865 DY 894.164
Class Normal DZ 1689.985 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.036

```
GPSQC1  NM  Min SVs      7              PDOP max  1.2
        Total GPS pos  3              HDOP max  0.6
        Monitor status Yes            VDOP max  1.0
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 407731.0       End wk 1073   sec 407733.0

GPSVEC  TP  Point ID 4017       DX   775.903        DY   888.456
        Class Normal        DZ   1690.947        Code GRD
        Mthd Phase Diff.    H.pr 0.032           V.pr 0.050

GPSQC1  NM  Min SVs      7              PDOP max  1.2
        Total GPS pos  3              HDOP max  0.6
        Monitor status Yes            VDOP max  1.0
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 407755.0       End wk 1073   sec 407757.0

GPSVEC  TP  Point ID 4018       DX   784.492        DY   884.297
        Class Normal        DZ   1690.973        Code GRD
        Mthd Phase Diff.    H.pr 0.031           V.pr 0.049

GPSQC1  NM  Min SVs      7              PDOP max  1.2
        Total GPS pos  3              HDOP max  0.6
        Monitor status Yes            VDOP max  1.0
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 407781.0       End wk 1073   sec 407783.0

INIT    KI  Init event    Lost            Week        1073
        Init type     On the fly       seconds      407789.0
        Init counter  4               Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

INIT    KI  Init event    Gained          Week        1073
        Init type     On the fly       seconds      408287.0
        Init counter  5               Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

GPSVEC  TP  Point ID 342        DX   727.429        DY   98.442
        Class Normal        DZ   538.939        Code SG 461+31E
        Mthd Phase Diff.    H.pr 0.019           V.pr 0.034
```

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 408316.0 End wk 1073 sec 408319.0

INIT KI Init event Lost Week 1073
Init type On the fly seconds 408324.0
Init counter 5 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1073
Init type On the fly seconds 408359.0
Init counter 6 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 343 DX 727.416 DY 98.400
Class Normal DZ 538.910 Code SG 461+31E
Mthd Phase Diff. H.pr 0.022 V.pr 0.039

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 408372.0 End wk 1073 sec 408374.0

NOTE KI LINE. Name: 37, Code: , Method: Two points, Start pt: 342,

NOTE KI End pt: 224, Azimuth: 141.166°, Length: 14.663ft,

NOTE KI Grade: 30.435°

GPSVEC TP Point ID 4019 DX 726.797 DY 104.623
Class Normal DZ 539.824 Code TOE LEVEE
Mthd Phase Diff. H.pr 0.022 V.pr 0.036

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 408455.0 End wk 1073 sec 408457.0

GPSVEC TP Point ID 4020 DX 725.521 DY 106.772
Class Normal DZ 541.725 Code GRD
Mthd Phase Diff. H.pr 0.019 V.pr 0.032

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 408477.0 End wk 1073 sec 408480.0

GPSVEC TP Point ID 4021 DX 723.366 DY 109.621
Class Normal DZ 544.692 Code GRD
Mthd Phase Diff. H.pr 0.020 V.pr 0.033

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 408494.0 End wk 1073 sec 408497.0

GPSVEC TP Point ID 4022 DX 720.254 DY 114.844
Class Normal DZ 549.341 Code GRD
Mthd Phase Diff. H.pr 0.031 V.pr 0.053

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 5 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 408537.0 End wk 1073 sec 408541.0

GPSVEC TP Point ID 4023 DX 715.512 DY 122.461
Class Normal DZ 557.271 Code GRD
Mthd Phase Diff. H.pr 0.028 V.pr 0.048

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 408558.0 End wk 1073 sec 408560.0

GPSVEC TP Point ID 4024 DX 710.701 DY 129.329
Class Normal DZ 563.841 Code GRD
Mthd Phase Diff. H.pr 0.030 V.pr 0.051

```
GPSQC1  NM  Min SVs      7            PDOP max  0.8
        Total GPS pos  7            HDOP max  0.4
        Monitor status Yes          VDOP max  0.7
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1073 sec 408603.0      End wk 1073   sec 408609.0

GPSVEC  TP  Point ID 4025      DX   706.137        DY   136.219
        Class Normal       DZ   571.177        Code GRD
        Mthd Phase Diff.    H.pr 0.028          V.pr 0.047

GPSQC1  NM  Min SVs      7            PDOP max  1.0
        Total GPS pos  4            HDOP max  0.5
        Monitor status Yes          VDOP max  0.8
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1073 sec 408629.0      End wk 1073   sec 408632.0

GPSVEC  TP  Point ID 4026      DX   698.990        DY   147.100
        Class Normal       DZ   582.076        Code GRD
        Mthd Phase Diff.    H.pr 0.032          V.pr 0.055

GPSQC1  NM  Min SVs      7            PDOP max  1.1
        Total GPS pos  3            HDOP max  0.5
        Monitor status Yes          VDOP max  0.9
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1073 sec 408655.0      End wk 1073   sec 408657.0

GPSVEC  TP  Point ID 4027      DX   692.561        DY   156.758
        Class Normal       DZ   591.237        Code GRD
        Mthd Phase Diff.    H.pr 0.026          V.pr 0.046

GPSQC1  NM  Min SVs      6            PDOP max  1.2
        Total GPS pos  5            HDOP max  0.6
        Monitor status Yes          VDOP max  1.1
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1073 sec 408674.0      End wk 1073   sec 408678.0

GPSVEC  TP  Point ID 4028      DX   685.314        DY   168.973
        Class Normal       DZ   602.779        Code GRD
        Mthd Phase Diff.    H.pr 0.029          V.pr 0.051

GPSQC1  NM  Min SVs      7            PDOP max  1.0
        Total GPS pos  4            HDOP max  0.5
        Monitor status Yes          VDOP max  0.9
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1073 sec 408767.0      End wk 1073   sec 408770.0
```

GPSVEC TP Point ID 4029 DX 680.870 DY 177.205
Class Normal DZ 610.183 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.037

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 408803.0 End wk 1073 sec 408806.0

GPSVEC TP Point ID 4030 DX 674.462 DY 188.005
Class Normal DZ 620.033 Code GRD
Mthd Phase Diff. H.pr 0.030 V.pr 0.053

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 408848.0 End wk 1073 sec 408850.0

GPSVEC TP Point ID 4031 DX 667.319 DY 198.747
Class Normal DZ 630.991 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.043

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 408870.0 End wk 1073 sec 408872.0

GPSVEC TP Point ID 4032 DX 663.298 DY 205.644
Class Normal DZ 637.466 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.046

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 3 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 408883.0 End wk 1073 sec 408886.0

GPSVEC TP Point ID 4033 DX 659.799 DY 210.059
Class Normal DZ 642.048 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.047

```
GPSQC1  NM  Min SVs      7            PDOP max  1.1
        Total GPS pos  3            HDOP max  0.5
        Monitor status Yes          VDOP max  1.0
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1073 sec 408899.0      End wk 1073   sec 408901.0

GPSVEC  TP  Point ID 4034      DX   657.217        DY   213.111
        Class Normal       DZ   646.317        Code GRD
        Mthd Phase Diff.    H.pr 0.017          V.pr 0.032

GPSQC1  NM  Min SVs      7            PDOP max  0.9
        Total GPS pos  5            HDOP max  0.4
        Monitor status Yes          VDOP max  0.8
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1073 sec 408917.0      End wk 1073   sec 408921.0

GPSVEC  TP  Point ID 4035      DX   655.114        DY   216.426
        Class Normal       DZ   649.914        Code GRD
        Mthd Phase Diff.    H.pr 0.019          V.pr 0.034

GPSQC1  NM  Min SVs      7            PDOP max  1.1
        Total GPS pos  3            HDOP max  0.5
        Monitor status Yes          VDOP max  1.0
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1073 sec 408932.0      End wk 1073   sec 408934.0

GPSVEC  TP  Point ID 4036      DX   651.880        DY   221.261
        Class Normal       DZ   655.505        Code GRD
        Mthd Phase Diff.    H.pr 0.023          V.pr 0.042

GPSQC1  NM  Min SVs      7            PDOP max  1.0
        Total GPS pos  4            HDOP max  0.5
        Monitor status Yes          VDOP max  0.9
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1073 sec 408945.0      End wk 1073   sec 408948.0

GPSVEC  TP  Point ID 4037      DX   645.799        DY   229.833
        Class Normal       DZ   664.841        Code GRD
        Mthd Phase Diff.    H.pr 0.017          V.pr 0.031

GPSQC1  NM  Min SVs      7            PDOP max  1.0
        Total GPS pos  3            HDOP max  0.5
        Monitor status Yes          VDOP max  0.9
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1073 sec 408963.0      End wk 1073   sec 408966.0
```

GPSVEC TP Point ID 4038 DX 638.671 DY 240.453
Class Normal DZ 675.254 Code GRD
Mthd Phase Diff. H.pr 0.020 V.pr 0.038

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 408985.0 End wk 1073 sec 408988.0

GPSVEC TP Point ID 4039 DX 636.815 DY 243.369
Class Normal DZ 677.802 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.040

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 408999.0 End wk 1073 sec 409001.0

GPSVEC TP Point ID 4040 DX 633.006 DY 248.657
Class Normal DZ 684.073 Code GRD
Mthd Phase Diff. H.pr 0.019 V.pr 0.035

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 409016.0 End wk 1073 sec 409018.0

GPSVEC TP Point ID 4041 DX 628.410 DY 255.672
Class Normal DZ 691.339 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.045

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1073 sec 409038.0 End wk 1073 sec 409041.0

GPSVEC TP Point ID 4042 DX 622.117 DY 265.263
Class Normal DZ 700.603 Code GRD
Mthd Phase Diff. H.pr 0.029 V.pr 0.055

```
GPSQC1  NM  Min SVs      7              PDOP max  0.8
        Total GPS pos  6              HDOP max  0.4
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 409053.0       End wk 1073   sec 409060.0

GPSVEC  TP  Point ID 4043       DX   614.316        DY   276.890
        Class Normal        DZ   712.426        Code GRD
        Mthd Phase Diff.    H.pr 0.024          V.pr 0.046

GPSQC1  NM  Min SVs      7              PDOP max  1.0
        Total GPS pos  4              HDOP max  0.5
        Monitor status Yes            VDOP max  0.9
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 409076.0       End wk 1073   sec 409079.0

GPSVEC  TP  Point ID 4044       DX   608.410        DY   285.939
        Class Normal        DZ   722.067        Code GRD
        Mthd Phase Diff.    H.pr 0.018          V.pr 0.034

GPSQC1  NM  Min SVs      7              PDOP max  1.1
        Total GPS pos  3              HDOP max  0.5
        Monitor status Yes            VDOP max  1.0
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 409098.0       End wk 1073   sec 409100.0

GPSVEC  TP  Point ID 4045       DX   603.125        DY   293.905
        Class Normal        DZ   730.305        Code GRD
        Mthd Phase Diff.    H.pr 0.022          V.pr 0.042

GPSQC1  NM  Min SVs      7              PDOP max  1.1
        Total GPS pos  3              HDOP max  0.5
        Monitor status Yes            VDOP max  1.0
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1073 sec 409130.0       End wk 1073   sec 409132.0

INIT    KI  Init event    Lost            Week        1073
        Init type     On the fly       seconds      409138.0
        Init counter  6               Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>
```

Final Coordinate List
(Arizona State Plane, Central Zone
NAD83 and NAVD88 Datums)
For the
Land Subsidence Evaluation of the Upper Agua Fria
Levees
FCD Contract No. 99-067, Assignment 1
Portions of Tasks 3, 4 and 5
(Northern Avenue to Greenway Road)

Surveyed By;
SurvNet, Inc.
150 N. Stapley #105
Mesa, AZ 85203
(480)835-9070

Provided for:
Premier Engineering Corporation
1600 W. Broadway Rd. #165
Tempe, AZ 85282
(480)829-6000

6/6/03

Registered Land Surveyor
CERTIFICATE NO.
28724
MATTHEW A.
GRAHAM
ARIZONA, U.S.A.

Name	Northing	Easting	Elevation	Feature code
410	933582.567	592002.043	1095.193	RM 9
411	933562.614	590499.481	1100.589	RM 9<2>
412	938860.864	591575.097	1120.706	RM 32
413	944323.187	596937.905	1138.754	RM 35
414	949616.558	602305.536	1169.473	RM 13
415	952250.742	602329.506	1176.681	RM 58
416	954886.507	602353.159	1182.691	RM 41
417	928804.929	591069.831	1080.971	165+00E NR
418	929824.637	591009.962	1082.187	175+00E NR
419	930748.160	590957.209	1084.464	185+00E NR
420	931760.986	590964.115	1086.086	195+00E NR
421	932739.940	591161.170	1089.037	205+00E NR
422	933610.571	591393.875	1096.901	ADTBC T/W NEC OLV BRDG
423	933753.928	591604.256	1098.331	235+00E NR
424	934526.441	592243.058	1099.407	245+00E NR
425	935512.202	592193.854	1104.689	255+00E NR
426	935855.717	592089.241	1105.550	258+55E NR GRD CTRL
427	936480.886	592226.463	1106.499	265+00E NR
428	937357.030	592703.934	1113.020	275+00E NR
429	938284.126	593081.539	1114.151	285+00E NR
430	939256.452	593397.981	1117.514	295+00E NR
431	939866.986	593566.833	1119.275	302+50E NR GRD CTRL
432	940128.418	593716.946	1124.508	305+00E NR
433	940986.384	594211.842	1129.331	315+00E NR
434	941921.644	594536.190	1130.750	325+00E NR
435	942920.109	594701.094	1132.722	335+00E NR
436	943933.534	594791.312	1136.341	345+00E NR
437	928933.806	590486.371	1081.084	165+00W NR
438	929923.249	590579.755	1085.579	175+00W NR
439	930910.841	590482.321	1084.880	185+00W NR
440	931931.890	590503.689	1087.215	195+00W NR
441	932846.666	590808.641	1089.034	205+00W NR
442	933839.193	591165.888	1098.963	235+00W NR
443	934640.663	591769.991	1100.768	245+00W NR
444	935654.910	591761.212	1105.319	255+00W NR
445	935830.311	591744.844	1106.220	256+76W NR GRD CTRL
446	936640.210	591872.505	1108.657	265+00W NR
447	937491.492	592344.107	1113.010	275+00W NR
448	938414.749	592760.651	1114.296	285+00W NR
449	939285.034	593106.110	1117.440	295+00W NR
450	939952.642	593366.433	1119.062	302+16W NR GRD CTRL
451	940198.817	593498.168	1123.497	305+00W NR
452	941136.240	593860.340	1129.490	315+00W NR
453	942075.896	594192.782	1130.792	325+00W NR
454	943063.522	594335.301	1132.901	335+00W NR
455	944048.553	594463.240	1136.205	345+00W NR
456	944992.505	594814.634	1135.223	355+00W NR
457	944799.344	595113.222	1135.063	355+00E NR
458	954070.172	602278.326	1174.612	25+00S SC
459	954429.122	602771.419	1182.255	31+00S SC
460	954315.543	602052.135	1175.625	25+00N SC
461	954761.558	602533.569	1180.106	31+50N SC
462	912632.468	586208.080	1036.496	RM 3
463	952400.379	600796.584	1170.665	451+54E NR/SC

464	952480.053	600911.728	1169.939	452+60E NR/SC
465	953038.549	601443.784	1171.350	461+31E NR/SC
466	952637.377	600603.947	1170.228	451+54W NR/SC
467	952724.703	600714.820	1169.304	452+60W NR/SC
468	953426.409	600867.758	1171.926	460+00W NR/SC
469	954433.875	600886.015	1173.324	470+00W NR/SC
470	928810.790	591052.780	1066.302	SG 165+00E
471	928933.519	590501.987	1066.532	SG 165+00W
472	929822.505	590993.848	1068.655	SG 175+00E
473	929923.140	590598.102	1068.879	SG 175+00W
474	930910.427	590499.111	1070.768	SG 185+00W
475	930748.080	590940.980	1070.989	SG 185+00E
476	931761.957	590948.748	1073.055	SG 195+00E
477	931930.081	590518.733	1073.579	SG 195+00W
478	932744.941	591145.922	1076.235	SG 205+00E
479	932842.087	590823.050	1076.144	SG 205+00W
480	933770.142	591592.658	1080.781	SG 235+00E
481	933825.930	591182.111	1080.150	SG 235+00W
482	934531.858	592225.926	1084.048	SG 245+00E
483	934636.252	591788.588	1083.865	SG 245+00W
484	935502.260	592175.995	1086.710	SG 255+00E
485	935854.229	592071.732	1090.034	SG 258+55E
486	935831.888	591763.107	1090.462	SG 256+76W
487	935657.904	591781.753	1087.225	SG 255+00W
488	936486.527	592215.705	1096.137	SG 265+00E
489	936634.824	591887.405	1094.421	SG 265+00W
490	937365.493	592687.495	1096.167	SG 275+00E
491	938287.352	593066.611	1100.364	SG 285+00E
492	938411.789	592777.307	1099.722	SG 285+00W
493	937483.032	592359.750	1097.372	SG 275+00W
494	939261.826	593381.866	1102.508	SG 295+00E
495	939278.788	593123.200	1101.795	SG 295+00W
496	939874.231	593550.458	1104.770	SG 302+50E
497	939945.416	593381.384	1104.524	SG 302+16W
498	940187.863	593514.284	1106.721	SG 305+00W
499	940142.056	593702.673	1107.281	SG 305+00E
500	941129.836	593878.914	1112.095	SG 315+00W
501	940994.051	594191.498	1110.089	SG 315+00E
502	942070.689	594208.336	1116.685	SG 325+00W
503	941928.355	594520.713	1115.714	SG 325+00E
504	943062.934	594350.423	1120.739	SG 335+00W
505	942920.524	594686.828	1120.437	SG 335+00E
506	944042.813	594478.154	1123.110	SG 345+00W
507	943938.407	594778.895	1125.313	SG 345+00E
508	944988.914	594821.283	1129.906	SG 355+00W
509	944802.190	595107.425	1131.017	SG 355+00E
510	954309.349	602058.166	1168.868	SG 25+00N
511	954076.337	602272.015	1168.744	SG 25+00S
512	954441.028	602764.455	1170.652	SG 31+00S
513	954753.493	602541.279	1173.004	SG 31+50N
514	952419.038	600781.666	1149.385	SG 451+54E
515	952619.132	600618.732	1148.967	SG 451+54W
516	952714.318	600722.860	1159.504	SG 452+60W
517	952490.434	600903.816	1159.691	SG 452+60E
518	953426.047	600883.865	1162.404	SG 460+00W
519	954433.626	600894.375	1168.575	SG 470+00W
520	953049.955	601434.583	1162.750	SG 461+31E

3000	928805.682	591067.803	1080.867	TOP LEVEE
3001	929824.225	591007.944	1082.182	TOP LEVEE
3002	930748.255	590954.723	1084.317	TOP LEVEE
3003	931761.146	590961.520	1085.930	TOP LEVEE
3004	932740.938	591158.099	1088.776	TOP LEVEE
3005	933755.591	591603.209	1098.201	TOP LEVEE
3006	934527.110	592241.075	1099.311	TOP LEVEE
3007	935511.304	592192.042	1104.621	TOP LEVEE
3008	935855.507	592087.152	1105.418	TOP LEVEE
3009	936481.832	592224.744	1106.335	TOP LEVEE
3010	937357.898	592702.639	1112.888	TOP LEVEE
3011	938284.638	593079.779	1113.995	TOP LEVEE
3012	939257.127	593396.027	1117.432	TOP LEVEE
3013	939867.773	593564.936	1119.141	TOP LEVEE
3014	940129.686	593715.683	1124.410	TOP LEVEE
3015	940987.217	594209.932	1129.141	TOP LEVEE
3016	941922.292	594534.335	1130.642	TOP LEVEE
3017	942920.179	594699.523	1132.581	TOP LEVEE
3018	943934.249	594789.441	1136.229	TOP LEVEE
3019	928933.817	590489.365	1080.730	TOP LEVEE
3020	929923.274	590582.593	1085.340	TOP LEVEE
3021	930910.791	590484.624	1084.699	TOP LEVEE
3022	931931.752	590505.698	1087.042	TOP LEVEE
3023	932845.727	590811.242	1088.781	TOP LEVEE
3024	933838.465	591167.145	1098.891	TOP LEVEE
3025	934640.252	591771.525	1100.717	TOP LEVEE
3026	935655.050	591762.871	1105.236	TOP LEVEE
3027	935830.403	591746.852	1106.100	TOP LEVEE
3028	936639.664	591874.051	1108.592	TOP LEVEE
3029	937490.490	592345.956	1112.883	TOP LEVEE
3030	938414.438	592762.772	1114.091	TOP LEVEE
3031	939284.478	593107.812	1117.321	TOP LEVEE
3032	939951.663	593368.380	1118.823	TOP LEVEE
3033	940197.892	593499.693	1123.288	TOP LEVEE
3034	941135.735	593862.257	1129.258	TOP LEVEE
3035	942075.357	594194.235	1130.654	TOP LEVEE
3036	943063.507	594337.493	1132.712	TOP LEVEE
3037	944047.897	594465.012	1136.043	TOP LEVEE
3038	944991.568	594816.257	1135.042	TOP LEVEE
3039	944800.263	595111.380	1134.915	TOP LEVEE
3040	954071.438	602277.022	1174.633	TOP LEVEE
3041	954431.067	602770.383	1182.086	TOP LEVEE
3042	954314.210	602053.448	1175.563	TOP LEVEE
3043	954759.860	602535.002	1179.996	TOP LEVEE
3044	952401.747	600795.491	1170.507	TOP LEVEE
3045	952481.557	600910.687	1169.781	TOP LEVEE
3046	953040.473	601442.196	1171.175	TOP LEVEE
3047	952635.940	600605.094	1170.077	TOP LEVEE
3048	952723.130	600715.986	1169.124	TOP LEVEE
3049	953426.275	600869.553	1171.862	TOP LEVEE
3050	954433.913	600888.085	1173.037	TOP LEVEE
3051	928812.637	591048.119	1062.376	TOE LEVEE
3052	928814.757	591041.347	1061.481	GRD
3053	928820.177	591024.965	1061.938	GRD
3054	928824.880	591010.847	1061.819	GRD
3055	928830.902	590994.847	1070.376	GRD
3056	928833.322	590987.880	1067.306	GRD

3057	928838.097	590972.814	1067.609	GRD
3058	928842.683	590959.674	1068.376	GRD
3059	928848.254	590942.977	1069.194	GRD
3060	928854.077	590928.022	1072.870	GRD
3061	928855.263	590924.360	1072.731	GRD
3062	928856.644	590919.246	1071.357	GRD
3063	928858.884	590912.463	1067.740	GRD
3064	928861.722	590904.027	1067.195	GRD
3065	928865.537	590894.095	1062.098	GRD
3066	928869.099	590882.767	1062.174	GRD
3067	928875.800	590863.783	1061.892	GRD
3068	928882.221	590845.069	1061.892	GRD
3069	928889.343	590824.597	1062.244	GRD
3070	928895.901	590806.245	1062.013	GRD
3071	928902.344	590787.667	1061.823	GRD
3072	928909.466	590767.594	1061.666	GRD
3073	928933.382	590506.093	1062.480	TOE LEVEE
3074	928933.473	590515.358	1061.380	GRD
3075	928932.999	590532.419	1061.831	GRD
3076	928932.422	590547.862	1062.152	GRD
3077	928932.409	590557.557	1061.576	GRD
3078	928932.095	590577.177	1062.284	GRD
3079	928932.051	590592.992	1061.830	GRD
3080	928931.419	590613.473	1062.055	GRD
3081	928931.193	590628.976	1062.153	GRD
3082	928930.893	590631.957	1062.677	GRD
3083	928930.817	590648.709	1062.463	GRD
3084	928930.768	590658.778	1062.160	GRD
3085	928930.304	590674.176	1061.796	GRD
3086	928930.261	590677.115	1062.325	GRD
3087	928929.944	590694.717	1062.075	GRD
3088	928929.821	590702.996	1061.977	GRD
3089	928929.221	590707.656	1062.598	GRD
3090	928929.282	590718.914	1061.750	GRD
3091	928929.264	590730.195	1061.641	GRD
3092	928929.227	590735.877	1062.030	GRD
3093	928928.703	590752.300	1061.824	GRD
3094	928928.475	590759.999	1061.310	GRD
3095	928928.423	590780.210	1062.087	GRD
3096	928927.850	590802.707	1061.674	GRD
3097	929821.764	590989.426	1064.237	TOE LEVEE
3098	929820.516	590978.612	1063.424	GRD
3099	929818.937	590966.611	1064.041	GRD
3100	929817.148	590952.354	1074.740	GRD
3101	929816.063	590942.298	1070.716	GRD
3102	929815.342	590938.453	1070.279	GRD
3103	929814.735	590933.597	1068.621	GRD
3104	929813.670	590925.975	1068.704	GRD
3105	929811.585	590909.861	1068.720	GRD
3106	929808.980	590891.879	1068.580	GRD
3107	929808.163	590883.749	1070.114	GRD
3108	929806.686	590873.828	1069.594	GRD
3109	929805.300	590861.019	1064.346	GRD
3110	929803.811	590852.921	1064.074	GRD
3111	929801.741	590834.015	1063.976	GRD
3112	929799.128	590816.870	1063.773	GRD
3113	929796.606	590796.682	1063.947	GRD

3114	929794.945	590784.380	1063.941	GRD
3115	929794.624	590781.121	1064.444	GRD
3116	929794.034	590777.399	1064.064	GRD
3117	929791.386	590755.857	1064.120	GRD
3118	929788.986	590735.999	1063.880	GRD
3119	929786.007	590716.004	1063.934	GRD
3120	929783.404	590696.274	1063.874	GRD
3121	929923.047	590601.915	1064.830	TOE LEVEE
3122	929922.994	590619.574	1064.192	GRD
3123	929923.069	590636.348	1064.145	GRD
3124	929922.832	590657.546	1064.038	GRD
3125	929923.003	590677.630	1063.875	GRD
3126	929922.600	590696.924	1064.428	GRD
3127	929922.462	590717.834	1064.511	GRD
3128	929922.839	590737.886	1064.127	GRD
3129	929922.761	590756.770	1064.203	GRD
3130	929922.327	590778.305	1064.159	GRD
3131	929922.185	590797.251	1064.018	GRD
3132	929922.193	590816.614	1064.583	GRD
3133	929922.107	590824.717	1064.918	GRD
3134	929922.043	590828.323	1064.049	GRD
3135	929922.144	590840.793	1064.559	GRD
3136	929922.304	590853.296	1064.247	GRD
3137	929922.235	590864.531	1068.521	GRD
3138	929922.287	590867.889	1068.057	GRD
3139	929921.922	590879.830	1068.629	GRD
3140	929921.831	590898.223	1069.075	GRD
3141	930910.069	590503.144	1066.895	TOE LEVEE
3142	930910.306	590506.907	1066.255	GRD
3143	930909.862	590526.387	1066.154	GRD
3144	930909.304	590545.903	1066.030	GRD
3145	930908.792	590564.491	1066.826	GRD
3146	930908.491	590584.029	1067.283	GRD
3147	930907.995	590595.362	1072.950	GRD
3148	930907.609	590603.185	1076.378	GRD
3149	930907.602	590612.865	1071.366	GRD
3150	930907.174	590629.313	1072.093	GRD
3151	930906.529	590651.230	1072.114	GRD
3152	930906.383	590658.102	1073.242	GRD
3153	930906.297	590671.541	1072.879	GRD
3154	930905.847	590692.329	1074.346	GRD
3155	930905.451	590698.120	1073.081	GRD
3156	930905.426	590711.209	1073.283	GRD
3157	930904.809	590723.428	1072.930	GRD
3158	930904.514	590736.031	1074.269	GRD
3159	930904.285	590740.431	1073.307	GRD
3160	930904.108	590752.261	1073.377	GRD
3161	930903.944	590761.442	1075.615	GRD
3162	930903.601	590771.864	1075.160	GRD
3163	930903.238	590791.492	1077.152	GRD
3164	930902.549	590811.006	1066.814	GRD
3165	930748.110	590937.184	1066.727	TOE LEVEE
3166	930747.751	590929.527	1065.884	GRD
3167	930748.028	590918.308	1065.756	GRD
3168	930747.858	590910.318	1066.742	GRD
3169	930747.502	590905.801	1065.935	GRD
3170	930747.716	590886.690	1065.962	GRD

3171	930747.411	590867.022	1065.990	GRD
3172	930747.602	590850.429	1065.954	GRD
3173	930747.571	590829.577	1076.798	GRD
3174	930747.464	590823.987	1075.354	GRD
3175	930747.374	590816.243	1075.824	GRD
3176	930747.651	590804.992	1075.741	GRD
3177	930747.354	590798.795	1074.033	GRD
3178	930747.247	590783.249	1075.003	GRD
3179	930747.312	590773.177	1072.926	GRD
3180	930747.234	590760.502	1073.659	GRD
3181	930747.327	590749.652	1074.792	GRD
3182	930746.953	590737.649	1073.143	GRD
3183	930746.617	590723.814	1073.307	GRD
3184	930746.950	590711.553	1073.123	GRD
3185	930746.801	590707.268	1074.164	GRD
3186	930747.053	590700.682	1074.047	GRD
3187	930746.648	590694.142	1072.417	GRD
3188	930746.594	590672.932	1071.253	GRD
3189	930746.609	590658.973	1071.912	GRD
3190	930746.428	590645.842	1072.029	GRD
3191	930746.639	590641.270	1072.681	GRD
3192	931762.150	590944.673	1068.825	TOE LEVEE
3193	931762.495	590938.497	1068.654	GRD
3194	931763.148	590923.975	1068.672	GRD
3195	931764.469	590905.949	1068.663	GRD
3196	931765.704	590890.241	1069.443	GRD
3197	931766.220	590881.994	1069.373	GRD
3198	931766.261	590877.240	1069.525	GRD
3199	931766.621	590874.000	1068.962	GRD
3200	931766.846	590870.300	1069.244	GRD
3201	931766.840	590866.606	1068.775	GRD
3202	931767.289	590862.775	1069.062	GRD
3203	931767.629	590849.871	1068.792	GRD
3204	931768.915	590834.443	1068.640	GRD
3205	931769.678	590826.529	1071.664	GRD
3206	931769.664	590820.827	1072.846	GRD
3207	931769.608	590816.478	1072.615	GRD
3208	931770.573	590806.862	1070.531	GRD
3209	931770.421	590803.585	1070.255	GRD
3210	931771.045	590801.386	1071.108	GRD
3211	931771.229	590792.437	1071.584	GRD
3212	931772.150	590786.224	1072.545	GRD
3213	931772.297	590774.308	1072.884	GRD
3214	931773.101	590761.933	1073.874	GRD
3215	931773.850	590750.880	1074.408	GRD
3216	931774.941	590740.048	1074.216	GRD
3217	931775.093	590731.125	1073.836	GRD
3218	931775.557	590724.095	1076.406	GRD
3219	931775.926	590715.828	1077.448	GRD
3220	931776.385	590708.678	1076.671	GRD
3221	931777.328	590700.819	1077.886	GRD
3222	931777.865	590686.307	1077.060	GRD
3223	931778.615	590672.403	1076.475	GRD
3224	931778.889	590663.849	1076.151	GRD
3225	931780.166	590649.008	1077.255	GRD
3226	931929.396	590522.343	1069.482	TOE LEVEE
3227	931927.375	590540.462	1068.808	GRD

3228	931925.192	590557.789	1068.676	GRD
3229	931923.278	590573.051	1068.740	GRD
3230	931921.935	590585.653	1068.988	GRD
3231	931921.154	590592.194	1070.561	GRD
3232	931919.847	590599.004	1074.668	GRD
3233	931919.225	590606.761	1074.039	GRD
3234	931917.545	590620.718	1074.343	GRD
3235	931915.676	590635.166	1074.167	GRD
3236	931914.383	590647.650	1073.685	GRD
3237	931912.841	590659.046	1072.325	GRD
3238	931910.378	590678.510	1072.410	GRD
3239	931909.168	590688.872	1075.221	GRD
3240	931907.859	590700.652	1076.216	GRD
3241	931906.096	590714.871	1077.357	GRD
3242	931904.005	590726.942	1076.808	GRD
3243	931903.410	590730.697	1075.902	GRD
3244	931902.841	590740.230	1075.477	GRD
3245	931901.784	590747.952	1075.896	GRD
3246	931900.899	590756.761	1077.242	GRD
3247	931900.475	590763.075	1075.213	GRD
3248	931897.729	590776.158	1074.629	GRD
3249	931897.195	590786.022	1075.487	GRD
3250	931895.268	590800.145	1074.366	GRD
3251	931894.641	590804.829	1069.297	GRD
3252	931893.469	590816.027	1069.971	GRD
3253	931892.348	590823.259	1075.422	GRD
3254	932841.241	590826.726	1072.055	TOE LEVEE
3255	932838.838	590834.764	1070.917	GRD
3256	932834.254	590850.998	1071.406	GRD
3257	932829.733	590864.157	1071.737	GRD
3258	932824.302	590881.793	1071.187	GRD
3259	932819.624	590898.399	1071.554	GRD
3260	932815.178	590913.159	1071.701	GRD
3261	932810.052	590929.884	1071.592	GRD
3262	932804.425	590947.969	1071.737	GRD
3263	932799.649	590964.168	1071.579	GRD
3264	932795.844	590976.915	1071.366	GRD
3265	932791.508	590991.585	1071.306	GRD
3266	932790.221	590994.785	1070.917	GRD
3267	932785.745	591010.091	1071.415	GRD
3268	932781.503	591024.045	1071.432	GRD
3269	932776.520	591040.344	1071.298	GRD
3270	932774.198	591048.876	1071.377	GRD
3271	932772.876	591052.905	1072.112	GRD
3272	932761.352	591071.477	1071.651	GRD
3273	932764.399	591082.052	1070.589	GRD
3274	932760.170	591093.896	1071.058	GRD
3275	932756.238	591108.287	1070.931	GRD
3276	932754.090	591115.676	1070.915	GRD
3277	932750.699	591126.603	1071.074	GRD
3278	932746.598	591141.113	1071.930	GRD
3279	932746.149	591142.702	1072.685	TOE LEVEE
3280	933773.658	591590.228	1076.583	TOE LEVEE
3281	933787.525	591580.057	1075.967	GRD
3282	933803.563	591568.615	1076.041	GRD
3283	933819.814	591556.837	1076.318	GRD
3284	933835.708	591545.477	1076.229	GRD

3285	933851.548	591534.141	1076.083	GRD
3286	933867.194	591523.089	1076.097	GRD
3287	933882.095	591512.658	1076.574	GRD
3288	933898.585	591500.618	1077.185	GRD
3289	933907.249	591494.332	1076.778	GRD
3290	933917.394	591486.943	1077.211	GRD
3291	933932.591	591476.221	1076.560	GRD
3292	933948.705	591465.180	1076.295	GRD
3293	933964.935	591453.205	1076.555	GRD
3294	933970.156	591449.755	1076.330	GRD
3295	933975.951	591445.269	1077.260	GRD
3296	933986.563	591437.908	1076.586	GRD
3297	933999.456	591428.393	1076.267	GRD
3298	934014.098	591418.319	1076.301	GRD
3299	933823.161	591185.216	1076.170	TOE LEVEE
3300	933821.521	591187.720	1075.346	GRD
3301	933814.920	591195.714	1075.813	GRD
3302	933813.036	591197.899	1075.144	GRD
3303	933808.097	591204.044	1075.288	GRD
3304	933796.407	591218.502	1075.528	GRD
3305	933791.111	591225.047	1076.028	GRD
3306	933782.204	591235.796	1075.456	GRD
3307	933779.937	591238.581	1076.028	GRD
3308	933777.256	591242.055	1075.220	GRD
3309	933766.806	591254.864	1075.063	GRD
3310	933761.442	591260.945	1075.346	GRD
3311	933759.193	591264.181	1076.155	GRD
3312	933750.843	591274.290	1075.199	GRD
3313	933737.492	591290.362	1075.327	GRD
3314	933724.299	591306.373	1075.317	GRD
3315	933712.542	591321.109	1075.154	GRD
3316	933700.664	591335.493	1075.214	GRD
3317	933686.827	591352.686	1075.248	GRD
3318	933675.369	591366.919	1075.262	GRD
3319	933660.404	591384.668	1075.935	GRD
3320	933654.425	591392.415	1075.638	GRD
3321	933648.759	591399.245	1076.369	TOE LEVEE
3322	934533.168	592222.219	1079.787	TOE LEVEE
3323	934535.790	592213.321	1079.111	GRD
3324	934540.730	592197.842	1079.002	GRD
3325	934544.171	592187.169	1078.955	GRD
3326	934549.828	592169.445	1078.693	GRD
3327	934555.683	592151.174	1078.398	GRD
3328	934556.809	592147.336	1078.804	GRD
3329	934561.233	592132.631	1079.454	GRD
3330	934564.003	592124.497	1078.817	GRD
3331	934566.190	592117.915	1079.422	GRD
3332	934566.519	592115.476	1078.970	GRD
3333	934567.700	592112.206	1079.558	GRD
3334	934568.799	592109.313	1078.764	GRD
3335	934573.933	592092.114	1079.556	GRD
3336	934580.057	592073.704	1078.808	GRD
3337	934585.825	592054.251	1078.615	GRD
3338	934592.169	592035.349	1078.870	GRD
3339	934593.047	592032.383	1079.642	GRD
3340	934594.836	592026.427	1079.590	GRD
3341	934596.079	592021.850	1078.625	GRD

3342	934598.667	592014.301	1079.414	GRD
3343	934600.138	592009.770	1078.790	GRD
3344	934603.359	591999.426	1079.223	GRD
3345	934609.724	591979.321	1078.802	GRD
3346	934612.462	591970.233	1079.383	GRD
3347	934615.417	591961.318	1079.612	GRD
3348	934622.188	591939.606	1079.092	GRD
3349	934635.345	591792.311	1079.802	TOE LEVEE
3350	934634.529	591795.969	1079.036	GRD
3351	934631.932	591807.334	1079.285	GRD
3352	934629.052	591819.510	1079.156	GRD
3353	934626.296	591831.217	1079.371	GRD
3354	934622.385	591847.197	1078.767	GRD
3355	934617.440	591867.955	1079.039	GRD
3356	934613.046	591886.834	1078.948	GRD
3357	934608.549	591906.119	1078.952	GRD
3358	934603.795	591925.808	1078.903	GRD
3359	934599.498	591943.907	1079.017	GRD
3360	934597.133	591952.806	1079.625	GRD
3361	934593.935	591967.990	1078.852	GRD
3362	934590.249	591982.915	1078.884	GRD
3363	934585.586	592003.071	1078.857	GRD
3364	934582.737	592016.137	1078.545	GRD
3365	934580.442	592024.320	1079.433	GRD
3366	934578.657	592032.941	1078.846	GRD
3367	934573.009	592056.679	1078.774	GRD
3368	934567.200	592080.628	1078.829	GRD
3369	935500.888	592172.151	1082.270	TOE LEVEE
3370	935492.633	592158.785	1081.658	GRD
3371	935482.967	592141.600	1081.756	GRD
3372	935472.980	592123.077	1081.507	GRD
3373	935463.326	592106.223	1081.308	GRD
3374	935453.720	592089.031	1081.153	GRD
3375	935443.989	592071.282	1081.342	GRD
3376	935438.387	592061.517	1081.867	GRD
3377	935433.581	592052.481	1081.656	GRD
3378	935431.367	592049.616	1082.313	GRD
3379	935429.435	592045.128	1081.797	GRD
3380	935426.685	592040.440	1081.758	GRD
3381	935425.148	592037.713	1082.265	GRD
3382	935416.282	592022.175	1081.591	GRD
3383	935412.906	592015.791	1081.838	GRD
3384	935404.778	592000.782	1081.745	GRD
3385	935394.965	591983.546	1081.716	GRD
3386	935385.269	591965.694	1082.225	GRD
3387	935375.525	591948.538	1082.034	GRD
3388	935370.646	591939.570	1082.431	GRD
3389	935363.913	591927.769	1082.327	GRD
3390	935356.236	591913.842	1082.187	GRD
3391	935658.528	591786.020	1082.878	TOE LEVEE
3392	935658.860	591788.913	1082.489	GRD
3393	935660.961	591800.010	1082.820	GRD
3394	935663.846	591821.077	1082.624	GRD
3395	935666.247	591840.787	1082.476	GRD
3396	935669.316	591860.765	1082.637	GRD
3397	935672.696	591880.793	1082.676	GRD
3398	935675.053	591900.491	1082.853	GRD

3399	935678.222	591920.003	1082.767	GRD
3400	935679.578	591930.156	1081.944	GRD
3401	935680.997	591941.511	1082.224	GRD
3402	935683.309	591954.606	1082.380	GRD
3403	935683.976	591959.309	1082.372	GRD
3404	935685.878	591975.218	1082.377	GRD
3405	935686.960	591981.156	1082.361	GRD
3406	935687.882	591985.125	1082.750	GRD
3407	935687.953	591986.942	1082.300	GRD
3408	935689.550	591997.673	1082.039	GRD
3409	935690.213	592001.227	1082.607	GRD
3410	935690.790	592005.786	1082.202	GRD
3411	935691.260	592010.202	1082.655	GRD
3412	935691.929	592016.108	1081.814	GRD
3413	935693.863	592026.675	1082.688	GRD
3414	935694.454	592031.175	1081.787	GRD
3415	935695.081	592035.621	1081.803	GRD
3416	935695.595	592040.003	1082.461	GRD
3417	935696.235	592046.084	1081.463	GRD
3418	935697.954	592055.899	1082.501	GRD
3419	935701.336	592078.743	1081.666	GRD
3420	935824.147	592067.748	1082.820	TOE LEVEE
3421	935823.322	592056.321	1083.272	GRD
3422	935823.051	592053.368	1082.830	GRD
3423	935822.126	592044.819	1083.758	GRD
3424	935821.781	592041.353	1082.719	GRD
3425	935820.749	592024.543	1083.751	GRD
3426	935820.288	592019.242	1083.274	GRD
3427	935819.204	592004.471	1083.263	GRD
3428	935818.749	591995.038	1083.283	GRD
3429	935818.597	591991.905	1083.719	GRD
3430	935817.755	591982.657	1083.696	GRD
3431	935817.636	591978.420	1083.064	GRD
3432	935816.714	591970.246	1083.032	GRD
3433	935816.083	591955.482	1083.864	GRD
3434	935815.204	591942.534	1083.415	GRD
3435	935813.480	591936.096	1082.814	GRD
3436	935813.747	591925.095	1083.193	GRD
3437	935812.765	591914.733	1082.636	GRD
3438	935812.019	591902.928	1083.096	GRD
3439	935811.249	591889.669	1083.074	GRD
3440	935811.041	591886.714	1082.238	GRD
3441	935810.270	591881.354	1082.862	GRD
3442	935809.086	591869.079	1082.522	GRD
3443	935808.760	591863.276	1082.568	GRD
3444	935808.729	591857.459	1083.581	GRD
3445	935808.105	591850.682	1082.960	GRD
3446	935808.307	591845.966	1084.282	GRD
3447	935807.740	591841.612	1082.740	GRD
3448	935806.638	591829.527	1083.724	GRD
3449	935806.140	591821.112	1082.329	GRD
3450	935806.056	591811.079	1083.407	GRD
3451	935804.488	591806.887	1082.234	GRD
3452	935804.472	591799.268	1083.438	GRD
3453	935803.710	591792.033	1083.427	GRD
3454	935802.992	591783.175	1083.277	GRD
3455	935802.622	591775.568	1083.350	GRD

3456	935802.358	591771.711	1083.952	TOE LEVEE
3457	935832.011	591767.462	1085.692	TOE LEVEE
3458	935832.342	591771.394	1085.385	CNC
3459	935833.595	591790.082	1085.568	CNC
3460	935835.001	591809.790	1085.572	CNC
3461	935836.685	591829.077	1085.594	CNC
3462	935838.143	591849.663	1085.447	CNC
3463	935839.562	591869.854	1085.559	CNC
3464	935841.109	591887.823	1085.476	CNC
3465	935841.522	591894.404	1085.430	CNC
3466	935841.687	591901.228	1084.856	CNC
3467	935842.550	591911.044	1084.499	CNC
3468	935843.608	591923.788	1084.492	CNC
3469	935844.227	591934.424	1085.036	CNC
3470	935845.074	591945.886	1085.470	CNC
3471	935846.669	591968.639	1085.556	CNC
3472	935848.401	591988.916	1085.590	CNC
3473	935849.846	592009.629	1085.542	CNC
3474	935851.309	592030.059	1085.542	CNC
3475	935852.729	592048.901	1085.566	CNC
3476	935853.849	592064.300	1085.311	CNC
3477	935854.012	592067.977	1086.361	TOE LEVEE
3478	936488.476	592211.877	1091.770	TOE LEVEE
3479	936494.229	592200.476	1091.161	GRD
3480	936502.908	592184.258	1089.763	GRD
3481	936511.549	592167.904	1088.894	GRD
3482	936520.763	592149.713	1088.041	GRD
3483	936531.875	592129.421	1087.638	GRD
3484	936542.124	592109.574	1087.058	GRD
3485	936548.943	592096.904	1086.517	GRD
3486	936551.070	592092.175	1086.725	GRD
3487	936555.480	592084.113	1086.005	GRD
3488	936559.569	592076.780	1085.735	GRD
3489	936567.998	592060.209	1085.599	GRD
3490	936574.105	592048.599	1085.970	GRD
3491	936579.084	592038.667	1085.745	GRD
3492	936587.418	592022.697	1086.650	GRD
3493	936590.727	592016.794	1087.616	GRD
3494	936592.290	592014.210	1086.960	GRD
3495	936598.281	592002.738	1087.370	GRD
3496	936605.545	591989.068	1087.671	GRD
3497	936613.417	591973.899	1088.090	GRD
3498	936621.304	591958.616	1087.915	GRD
3499	936625.756	591949.771	1088.069	GRD
3500	936633.323	591891.553	1090.233	TOE LEVEE
3501	936629.347	591902.394	1088.822	GRD
3502	936621.947	591922.503	1087.845	GRD
3503	936616.185	591939.385	1087.917	GRD
3504	936607.893	591960.729	1087.836	GRD
3505	936601.034	591980.827	1087.684	GRD
3506	936594.520	591999.485	1087.375	GRD
3507	938409.889	592781.636	1095.439	TOE LEVEE
3508	938403.766	592796.389	1094.738	GRD
3509	938395.979	592814.417	1094.100	GRD
3510	938388.265	592832.188	1093.628	GRD
3511	938380.318	592851.286	1093.504	GRD
3512	938372.253	592869.015	1093.155	GRD

3513	938364.347	592887.410	1092.321	GRD
3514	938356.637	592906.030	1092.052	GRD
3515	938348.519	592924.290	1091.735	GRD
3516	938340.635	592942.550	1092.142	GRD
3517	938333.742	592959.022	1093.195	GRD
3518	938329.995	592967.441	1093.521	GRD
3519	938323.089	592983.655	1093.168	GRD
3520	938316.911	592998.143	1093.842	GRD
3521	938309.179	593015.982	1094.207	GRD
3522	938302.531	593030.977	1094.534	GRD
3523	938300.267	593037.370	1095.298	GRD
3524	938293.875	593051.246	1095.446	GRD
3525	938289.146	593062.852	1096.236	TOE LEVEE
3526	937481.648	592363.554	1093.098	TOE LEVEE
3527	937478.636	592372.091	1092.387	GRD
3528	937473.455	592386.186	1092.364	GRD
3529	937467.083	592404.267	1092.484	GRD
3530	937465.277	592409.294	1091.850	GRD
3531	937463.547	592413.801	1092.283	GRD
3532	937459.723	592424.860	1091.850	GRD
3533	937455.165	592437.306	1092.147	GRD
3534	937449.042	592454.863	1091.520	GRD
3535	937442.663	592472.580	1091.030	GRD
3536	937436.616	592489.980	1089.956	GRD
3537	937431.973	592502.061	1089.470	GRD
3538	937426.923	592515.783	1086.833	GRD
3539	937421.360	592531.891	1087.110	GRD
3540	937415.692	592548.408	1086.911	GRD
3541	937414.403	592551.869	1088.290	GRD
3542	937412.018	592558.079	1089.164	GRD
3543	937405.764	592575.365	1090.058	GRD
3544	937398.791	592594.013	1090.258	GRD
3545	937392.612	592612.255	1090.878	GRD
3546	937385.597	592631.375	1090.975	GRD
3547	937379.194	592648.939	1090.953	GRD
3548	937373.022	592666.869	1091.935	GRD
3549	937368.359	592679.313	1091.433	GRD
3550	937367.007	592683.439	1091.903	TOE LEVEE
3551	939278.702	593126.661	1098.328	TOE LEVEE
3552	939278.398	593128.539	1097.546	GRD
3553	939277.344	593144.574	1096.676	GRD
3554	939275.962	593163.262	1096.143	GRD
3555	939275.428	593177.498	1096.028	GRD
3556	939274.535	593191.645	1096.055	GRD
3557	939273.269	593208.482	1095.991	GRD
3558	939272.373	593219.810	1097.155	GRD
3559	939271.805	593228.769	1095.823	GRD
3560	939271.684	593234.596	1097.091	GRD
3561	939271.289	593238.718	1095.968	GRD
3562	939270.594	593249.157	1097.170	GRD
3563	939270.192	593252.933	1096.219	GRD
3564	939269.043	593271.382	1096.455	GRD
3565	939267.924	593289.935	1097.168	GRD
3566	939266.631	593308.344	1097.050	GRD
3567	939265.533	593326.079	1097.407	GRD
3568	939264.609	593342.432	1097.456	GRD
3569	939264.026	593349.885	1098.124	GRD

3570	939262.785	593365.565	1097.715	GRD
3571	939262.280	593375.345	1097.984	GRD
3572	939262.079	593378.085	1098.582	TOE LEVEE
3573	939916.132	593373.324	1099.493	TOE LEVEE
3574	939914.460	593376.487	1098.758	GRD
3575	939910.336	593386.614	1098.992	GRD
3576	939907.237	593394.514	1098.517	GRD
3577	939904.156	593401.564	1099.125	GRD
3578	939897.156	593418.642	1098.864	GRD
3579	939890.493	593434.932	1098.675	GRD
3580	939885.858	593446.151	1098.972	GRD
3581	939879.768	593460.159	1098.750	GRD
3582	939876.267	593468.229	1099.469	GRD
3583	939869.650	593484.227	1099.001	GRD
3584	939865.858	593492.855	1098.786	GRD
3585	939863.617	593499.283	1099.183	GRD
3586	939861.255	593504.321	1098.431	GRD
3587	939858.491	593510.417	1098.426	GRD
3588	939856.373	593515.376	1099.320	GRD
3589	939853.987	593520.545	1099.152	GRD
3590	939851.852	593525.569	1099.477	GRD
3591	939850.015	593531.231	1099.347	GRD
3592	939847.965	593535.994	1099.952	GRD
3593	939846.746	593538.202	1100.940	TOE LEVEE
3594	939875.644	593547.023	1100.504	TOE LEVEE
3595	939877.020	593543.463	1100.032	CNC
3596	939884.002	593527.284	1100.107	CNC
3597	939890.929	593510.765	1099.996	CNC
3598	939897.685	593494.507	1100.107	CNC
3599	939902.796	593482.373	1100.172	CNC
3600	939910.083	593465.391	1100.143	CNC
3601	939917.469	593447.367	1100.031	CNC
3602	939925.024	593429.920	1100.076	CNC
3603	939932.743	593411.375	1100.047	CNC
3604	939940.270	593393.515	1100.002	CNC
3605	939943.756	593385.385	1099.885	TOE LEVEE
3606	940185.647	593517.484	1102.167	TOE LEVEE
3607	940184.441	593519.307	1102.018	GRD
3608	940177.352	593529.703	1101.678	GRD
3609	940171.765	593537.526	1100.301	GRD
3610	940166.992	593545.020	1099.977	GRD
3611	940166.138	593546.665	1100.733	GRD
3612	940160.778	593554.171	1101.003	GRD
3613	940158.932	593556.526	1100.544	GRD
3614	940156.009	593561.010	1101.886	GRD
3615	940153.872	593563.837	1100.504	GRD
3616	940151.575	593567.286	1099.777	GRD
3617	940146.166	593575.059	1099.244	GRD
3618	940145.527	593576.790	1100.651	GRD
3619	940144.059	593578.601	1099.933	GRD
3620	940142.753	593580.482	1100.432	GRD
3621	940140.873	593583.073	1100.135	GRD
3622	940134.545	593592.880	1100.211	GRD
3623	940131.691	593597.128	1099.851	GRD
3624	940127.768	593602.416	1100.590	GRD
3625	940122.229	593610.886	1101.479	GRD
3626	940121.161	593612.307	1099.955	GRD

3627	940118.195	593616.571	1100.148	GRD
3628	940115.166	593621.111	1101.383	GRD
3629	940111.549	593626.552	1100.793	GRD
3630	940108.004	593631.927	1100.682	GRD
3631	940106.304	593634.016	1101.176	GRD
3632	940104.186	593637.024	1101.010	GRD
3633	940099.116	593645.048	1101.829	GRD
3634	940091.065	593656.179	1102.352	GRD
3635	940089.672	593658.377	1103.502	TOE LEVEE
3636	940145.036	593699.632	1102.930	TOE LEVEE
3637	940155.487	593688.222	1102.704	GRD
3638	940165.059	593678.700	1101.306	GRD
3639	940169.846	593673.548	1100.643	GRD
3640	940179.497	593663.320	1100.487	GRD
3641	940190.554	593652.136	1100.303	GRD
3642	940192.110	593650.297	1101.017	GRD
3643	940195.684	593646.994	1100.314	GRD
3644	940199.791	593641.884	1100.349	GRD
3645	940205.775	593635.943	1100.042	GRD
3646	940207.848	593634.045	1100.544	GRD
3647	940218.702	593622.515	1100.362	GRD
3648	940231.658	593609.211	1099.963	GRD
3649	940234.028	593606.492	1100.987	GRD
3650	940238.267	593602.755	1101.191	GRD
3651	940239.721	593600.655	1100.259	GRD
3652	940244.550	593595.255	1101.299	GRD
3653	940246.548	593593.899	1100.504	GRD
3654	940257.398	593581.910	1100.905	GRD
3655	940263.302	593576.229	1102.614	GRD
3656	940272.855	593565.703	1102.492	GRD
3657	940274.964	593563.714	1103.206	TOE LEVEE
3658	940995.395	594188.397	1106.135	TOE LEVEE
3659	940996.924	594184.648	1105.406	GRD
3660	941004.446	594167.649	1105.509	GRD
3661	941012.093	594149.874	1105.055	GRD
3662	941019.872	594132.307	1106.173	GRD
3663	941024.567	594121.967	1105.896	GRD
3664	941029.531	594109.671	1106.044	GRD
3665	941037.081	594093.049	1106.102	GRD
3666	941043.146	594078.221	1106.051	GRD
3667	941047.872	594067.257	1106.087	GRD
3668	941049.881	594063.241	1106.783	GRD
3669	941052.783	594056.201	1106.880	GRD
3670	941056.781	594047.152	1105.571	GRD
3671	941060.482	594038.869	1104.013	GRD
3672	941061.349	594036.709	1103.160	GRD
3673	941069.075	594019.184	1102.849	GRD
3674	941076.183	594001.569	1103.026	GRD
3675	941081.957	593988.884	1102.690	GRD
3676	941085.572	593980.474	1102.427	GRD
3677	941087.741	593976.054	1104.609	GRD
3678	941090.032	593970.484	1105.332	GRD
3679	941095.251	593958.522	1106.058	GRD
3680	941097.332	593953.900	1105.920	GRD
3681	941104.788	593936.949	1107.326	GRD
3682	941112.128	593919.382	1107.750	GRD
3683	941119.322	593902.443	1107.733	GRD

3684	941127.100	593885.668	1107.449	GRD
3685	941128.133	593882.985	1107.842	TOE LEVEE
3686	941929.731	594517.637	1112.265	TOE LEVEE
3687	941932.337	594511.575	1111.147	GRD
3688	941936.688	594502.890	1110.871	GRD
3689	941937.618	594500.640	1110.149	GRD
3690	941945.742	594482.780	1109.608	GRD
3691	941953.414	594465.649	1109.485	GRD
3692	941960.714	594449.907	1109.633	GRD
3693	941968.779	594432.288	1109.498	GRD
3694	941975.752	594416.599	1109.031	GRD
3695	941983.394	594400.342	1108.220	GRD
3696	941985.518	594396.008	1108.478	GRD
3697	941986.178	594393.599	1108.045	GRD
3698	941993.638	594377.124	1107.725	GRD
3699	941999.009	594365.580	1107.460	GRD
3700	942004.061	594354.468	1107.831	GRD
3701	942005.962	594350.280	1107.544	GRD
3702	942008.708	594344.320	1108.680	GRD
3703	942015.133	594330.070	1109.419	GRD
3704	942022.859	594313.223	1110.032	GRD
3705	942028.704	594300.235	1110.293	GRD
3706	942036.903	594282.904	1110.502	GRD
3707	942044.431	594265.332	1110.952	GRD
3708	942051.402	594250.399	1111.054	GRD
3709	942058.120	594235.596	1111.230	GRD
3710	942062.378	594226.499	1111.748	GRD
3711	942067.265	594215.492	1112.074	GRD
3712	942068.943	594211.927	1112.396	TOE LEVEE
3713	943062.629	594354.039	1116.997	TOE LEVEE
3714	943062.636	594359.109	1116.050	GRD
3715	943061.987	594368.596	1116.618	GRD
3716	943061.775	594386.766	1116.054	GRD
3717	943060.966	594402.164	1116.433	GRD
3718	943060.257	594419.121	1116.077	GRD
3719	943059.732	594437.789	1115.150	GRD
3720	943058.609	594455.663	1114.623	GRD
3721	943058.376	594467.808	1114.901	GRD
3722	943057.948	594478.808	1114.526	GRD
3723	943057.409	594492.173	1113.792	GRD
3724	943057.023	594504.952	1112.863	GRD
3725	943056.905	594505.783	1111.761	GRD
3726	943056.604	594508.852	1111.770	GRD
3727	943056.605	594512.529	1112.496	GRD
3728	943056.002	594524.626	1112.740	GRD
3729	943056.084	594528.915	1112.012	GRD
3730	943055.693	594533.608	1111.712	GRD
3731	943055.607	594536.473	1112.070	GRD
3732	943055.057	594543.737	1111.738	GRD
3733	943054.763	594555.731	1111.276	GRD
3734	943054.770	594557.326	1112.579	GRD
3735	943054.411	594567.371	1113.847	GRD
3736	943053.642	594586.010	1114.423	GRD
3737	943053.181	594602.417	1114.842	GRD
3738	943052.009	594620.573	1115.526	GRD
3739	943051.695	594636.066	1115.974	GRD
3740	943050.972	594650.139	1116.379	GRD

3741	942920.564	594682.790	1116.517	TOE LEVEE
3742	942920.885	594675.549	1115.970	GRD
3743	942921.110	594668.534	1116.164	GRD
3744	942921.477	594660.998	1116.453	GRD
3745	942921.866	594644.513	1115.606	GRD
3746	942922.437	594626.096	1114.752	GRD
3747	942922.470	594620.852	1114.412	GRD
3748	942923.085	594608.228	1114.711	GRD
3749	942923.656	594592.588	1113.838	GRD
3750	942923.907	594571.692	1113.302	GRD
3751	942924.245	594558.041	1112.633	GRD
3752	942924.448	594549.432	1112.057	GRD
3753	942924.521	594547.093	1111.374	GRD
3754	942925.024	594541.750	1111.178	GRD
3755	942925.153	594528.692	1110.576	GRD
3756	942925.627	594521.882	1110.953	GRD
3757	942925.953	594519.787	1111.190	GRD
3758	942925.452	594511.990	1111.612	GRD
3759	942926.222	594502.825	1112.205	GRD
3760	942926.089	594493.087	1113.055	GRD
3761	942926.650	594482.437	1114.073	GRD
3762	942927.237	594464.219	1114.195	GRD
3763	942927.670	594447.900	1115.046	GRD
3764	942928.002	594426.731	1115.299	GRD
3765	942928.969	594407.544	1115.494	GRD
3766	942929.572	594386.598	1115.835	GRD
3767	943939.975	594775.099	1121.545	TOE LEVEE
3768	943940.744	594771.969	1121.011	GRD
3769	943946.837	594754.452	1120.702	GRD
3770	943952.047	594739.683	1120.367	GRD
3771	943957.139	594724.568	1119.191	GRD
3772	943958.959	594719.191	1118.732	GRD
3773	943962.625	594708.912	1119.503	GRD
3774	943968.776	594692.114	1119.652	GRD
3775	943974.199	594675.365	1119.343	GRD
3776	943980.310	594657.829	1118.793	GRD
3777	943984.804	594645.920	1119.097	GRD
3778	943989.801	594630.839	1119.084	GRD
3779	943994.042	594618.083	1119.730	GRD
3780	943997.722	594608.892	1119.223	E/CNC
3781	944000.758	594599.029	1119.222	E/CNC
3782	944005.629	594584.615	1118.921	GRD
3783	944012.410	594565.682	1119.432	GRD
3784	944017.427	594551.303	1119.057	GRD
3785	944019.193	594545.766	1119.366	GRD
3786	944024.009	594533.095	1119.491	GRD
3787	944026.603	594524.862	1119.873	GRD
3788	944028.382	594520.161	1118.998	GRD
3789	944029.835	594514.745	1119.684	GRD
3790	944034.702	594501.834	1120.433	GRD
3791	944036.162	594496.826	1119.163	GRD
3792	944041.518	594482.186	1118.802	TOE LEVEE
3793	944804.291	595104.125	1127.061	TOE LEVEE
3794	944814.540	595088.297	1126.379	GRD
3795	944824.318	595073.309	1125.174	GRD
3796	944833.497	595059.831	1123.949	GRD
3797	944841.187	595047.717	1123.767	GRD

3798	944848.611	595035.849	1122.834	GRD
3799	944851.056	595032.701	1121.099	GRD
3800	944852.951	595029.566	1120.848	GRD
3801	944857.798	595021.721	1121.782	GRD
3802	944864.670	595011.743	1122.001	GRD
3803	944867.003	595008.044	1122.740	GRD
3804	944868.965	595004.837	1123.179	GRD
3805	944871.725	595001.260	1124.804	GRD
3806	944875.018	594995.698	1126.021	GRD
3807	944885.465	594979.654	1125.661	GRD
3808	944896.395	594962.756	1125.669	GRD
3809	944908.567	594944.701	1125.668	GRD
3810	944917.427	594930.731	1125.992	GRD
3811	944926.735	594916.407	1125.709	GRD
3812	944937.797	594899.129	1125.571	GRD
3813	944947.396	594884.747	1124.657	GRD
3814	944954.868	594873.102	1124.244	GRD
3815	944966.442	594855.770	1124.331	GRD
3816	944970.069	594850.400	1124.133	GRD
3817	944973.119	594844.775	1124.848	GRD
3818	944980.271	594834.655	1125.409	GRD
3819	944985.265	594826.570	1125.148	GRD
3820	944986.672	594824.586	1125.399	TOE LEVEE
3821	954060.564	602246.552	1162.032	TOE LEVEE
3822	954062.865	602243.695	1161.208	GRD
3823	954075.507	602232.202	1161.211	GRD
3824	954088.450	602221.080	1161.446	GRD
3825	954097.848	602211.641	1160.767	GRD
3826	954102.453	602207.859	1161.162	GRD
3827	954107.752	602202.543	1160.562	GRD
3828	954115.047	602196.039	1161.173	GRD
3829	954121.845	602190.246	1160.636	GRD
3830	954132.329	602179.841	1161.087	GRD
3831	954134.716	602177.997	1160.238	GRD
3832	954138.118	602174.677	1161.159	GRD
3833	954142.991	602170.306	1160.930	GRD
3834	954150.363	602163.472	1160.629	GRD
3835	954153.138	602161.427	1159.909	GRD
3836	954160.294	602154.895	1160.291	GRD
3837	954169.243	602146.493	1160.108	GRD
3838	954179.439	602137.334	1159.760	GRD
3839	954188.026	602128.599	1159.382	GRD
3840	954201.201	602116.415	1159.826	GRD
3841	954202.804	602114.693	1160.403	GRD
3842	954207.992	602110.244	1159.607	GRD
3843	954210.919	602107.911	1160.637	GRD
3844	954214.442	602105.300	1159.513	GRD
3845	954219.366	602099.943	1160.316	GRD
3846	954224.436	602095.027	1159.821	GRD
3847	954230.722	602089.818	1160.342	GRD
3848	954235.637	602085.269	1160.724	GRD
3849	954236.951	602083.753	1159.918	GRD
3850	954240.995	602079.776	1160.471	GRD
3851	954246.317	602075.640	1160.896	GRD
3852	954249.294	602071.911	1160.373	GRD
3853	954254.026	602068.478	1161.100	GRD
3854	954259.539	602063.017	1160.833	GRD

3855	954261.535	602061.154	1160.519	GRD
3856	954268.693	602054.622	1160.734	GRD
3857	954273.276	602049.916	1160.276	GRD
3858	954283.484	602040.523	1161.734	TOE LEVEE
3859	954307.134	602061.378	1165.069	TOE LEVEE
3860	954302.881	602063.486	1164.266	CNC
3861	954290.649	602075.016	1164.318	CNC
3862	954276.307	602088.433	1164.487	CNC
3863	954262.072	602101.427	1164.455	CNC
3864	954246.516	602115.719	1164.339	CNC
3865	954231.802	602129.277	1164.228	CNC
3866	954217.066	602142.851	1164.274	CNC
3867	954202.706	602156.236	1164.327	CNC
3868	954187.917	602170.046	1164.213	CNC
3869	954173.224	602183.380	1164.320	CNC
3870	954158.546	602196.757	1164.376	CNC
3871	954143.748	602210.263	1164.431	CNC
3872	954129.026	602224.255	1164.177	CNC
3873	954114.473	602237.689	1164.184	CNC
3874	954099.326	602251.044	1164.240	CNC
3875	954087.630	602262.063	1164.344	CNC
3876	954081.399	602267.909	1164.338	CNC
3877	954079.666	602269.183	1164.943	TOE LEVEE
3878	954750.280	602543.470	1169.205	TOE LEVEE
3879	954741.007	602550.476	1167.951	GRD
3880	954727.920	602559.435	1166.327	GRD
3881	954713.525	602569.846	1166.126	GRD
3882	954701.112	602578.368	1165.892	GRD
3883	954694.475	602583.422	1165.228	GRD
3884	954686.037	602589.466	1165.098	GRD
3885	954679.123	602594.611	1164.879	GRD
3886	954675.013	602597.317	1165.837	GRD
3887	954666.374	602603.467	1166.787	GRD
3888	954657.185	602610.129	1167.583	GRD
3889	954649.146	602615.967	1167.794	GRD
3890	954642.040	602620.878	1167.382	GRD
3891	954632.132	602628.208	1167.845	GRD
3892	954628.456	602630.219	1167.659	GRD
3893	954624.192	602633.518	1168.291	GRD
3894	954617.134	602638.864	1168.671	GRD
3895	954613.900	602641.203	1167.611	GRD
3896	954604.630	602647.386	1166.096	GRD
3897	954599.594	602650.848	1165.432	GRD
3898	954591.631	602656.855	1166.073	GRD
3899	954583.790	602662.835	1165.125	GRD
3900	954576.541	602667.515	1164.695	GRD
3901	954572.734	602671.536	1165.021	GRD
3902	954444.550	602762.046	1166.458	TOE LEVEE
3903	954456.541	602753.573	1166.387	GRD
3904	954467.363	602745.683	1165.839	GRD
3905	954473.417	602741.445	1167.096	GRD
3906	954481.168	602735.904	1167.670	GRD
3907	954485.239	602732.853	1167.319	GRD
3908	954489.070	602730.303	1166.251	GRD
3909	954496.403	602725.156	1167.127	GRD
3910	954509.354	602719.752	1166.387	GRD
3911	954517.441	602714.152	1165.858	GRD

3912	954523.537	602709.741	1164.958	GRD
3913	952392.446	600738.337	1145.337	TOE LEVEE
3914	952399.827	600732.743	1143.950	GRD
3915	952402.115	600730.892	1143.821	GRD
3916	952415.103	600719.788	1144.260	GRD
3917	952419.677	600716.417	1144.331	GRD
3918	952434.620	600705.022	1143.604	GRD
3919	952445.706	600695.174	1143.665	GRD
3920	952457.921	600685.567	1143.520	GRD
3921	952472.778	600673.365	1143.520	GRD
3922	952480.828	600666.272	1143.689	GRD
3923	952486.635	600661.997	1143.114	GRD
3924	952500.446	600650.523	1143.336	GRD
3925	952512.359	600641.748	1143.274	GRD
3926	952524.415	600631.793	1143.697	GRD
3927	952530.506	600625.948	1143.618	GRD
3928	952544.373	600615.578	1143.691	GRD
3929	952553.555	600607.963	1143.518	GRD
3930	952562.902	600599.993	1143.210	GRD
3931	952571.460	600593.255	1143.181	GRD
3932	952579.289	600587.690	1144.686	TOE LEVEE
3933	952615.914	600621.396	1144.784	TOE LEVEE
3934	952609.973	600626.055	1144.396	CNC
3935	952596.089	600637.705	1144.335	CNC
3936	952580.993	600649.844	1144.602	CNC
3937	952566.917	600661.303	1144.582	CNC
3938	952552.362	600673.111	1144.560	CNC
3939	952538.232	600684.492	1144.463	CNC
3940	952523.905	600696.345	1144.253	CNC
3941	952522.204	600697.592	1143.257	CNC
3942	952516.180	600702.419	1143.331	CNC
3943	952515.185	600703.182	1143.538	CNC
3944	952514.281	600703.757	1144.338	CNC
3945	952499.061	600716.229	1144.826	CNC
3946	952483.731	600728.829	1144.904	CNC
3947	952468.623	600741.036	1144.925	CNC
3948	952452.511	600754.168	1144.702	CNC
3949	952436.144	600767.607	1144.633	CNC
3950	952426.376	600775.206	1144.640	CNC
3951	952422.517	600778.894	1144.545	TOE LEVEE
3952	952493.551	600900.992	1154.867	TOE LEVEE
3953	952509.425	600887.967	1154.536	CNC
3954	952524.452	600875.810	1154.496	CNC
3955	952537.650	600865.438	1154.588	CNC
3956	952553.187	600852.650	1154.689	CNC
3957	952569.395	600839.895	1154.730	CNC
3958	952584.409	600827.693	1154.677	CNC
3959	952599.754	600815.320	1154.649	CNC
3960	952615.087	600803.127	1154.701	CNC
3961	952630.516	600790.558	1154.746	CNC
3962	952646.838	600777.541	1154.799	CNC
3963	952662.088	600765.294	1154.786	CNC
3964	952677.801	600752.693	1154.754	CNC
3965	952693.262	600740.172	1154.746	CNC
3966	952706.418	600729.544	1154.593	CNC
3967	952710.914	600725.897	1154.722	TOE LEVEE
3968	953426.145	600889.688	1158.494	TOE LEVEE

3969	953425.771	600907.571	1158.954	GRD
3970	953425.374	600928.152	1158.807	GRD
3971	953424.911	600941.598	1158.706	GRD
3972	953424.537	600948.371	1158.184	GRD
3973	953424.632	600962.173	1158.169	GRD
3974	953424.241	600976.198	1157.471	GRD
3975	953423.653	600983.030	1157.264	GRD
3976	953423.908	600993.692	1157.336	GRD
3977	953423.924	600999.960	1157.114	GRD
3978	953423.570	601011.856	1157.514	GRD
3979	953423.195	601028.980	1157.758	GRD
3980	953422.870	601045.735	1157.790	GRD
3981	953422.557	601063.391	1157.820	GRD
3982	953422.295	601083.944	1157.971	GRD
3983	953421.771	601103.630	1157.728	GRD
3984	953421.368	601124.989	1157.436	GRD
3985	953421.193	601141.740	1157.551	GRD
3986	953420.695	601154.317	1157.360	GRD
3987	953420.807	601163.402	1156.670	GRD
3988	953420.221	601173.166	1156.761	GRD
3989	953420.248	601178.075	1157.071	GRD
3990	953420.404	601184.080	1156.574	GRD
3991	954433.442	600899.501	1164.608	TOE LEVEE
3992	954433.247	600905.704	1164.284	GRD
3993	954432.780	600919.923	1164.161	GRD
3994	954432.130	600938.358	1163.687	GRD
3995	954431.735	600955.178	1163.894	GRD
3996	954431.563	600964.133	1163.900	GRD
3997	954431.048	600977.396	1163.272	GRD
3998	954430.804	600984.545	1162.572	GRD
3999	954430.533	600994.539	1162.146	GRD
4000	954430.698	600998.817	1161.767	GRD
4001	954430.266	601002.627	1161.408	GRD
4002	954430.186	601006.016	1161.841	GRD
4003	954430.240	601017.371	1161.325	GRD
4004	954429.849	601023.322	1161.889	GRD
4005	954429.444	601032.295	1164.788	GRD
4006	954428.883	601048.361	1164.718	GRD
4007	954428.808	601058.317	1165.506	GRD
4008	954428.356	601069.163	1166.342	GRD
4009	954427.854	601087.548	1166.637	GRD
4010	954427.439	601105.085	1167.048	GRD
4011	954427.021	601120.515	1167.309	GRD
4012	954426.273	601133.476	1167.791	GRD
4013	954426.227	601139.785	1168.102	GRD
4014	954425.855	601151.278	1169.542	GRD
4015	954425.400	601163.536	1171.424	GRD
4016	954425.179	601174.247	1174.309	GRD
4017	954424.915	601184.770	1176.393	GRD
4018	954424.575	601194.292	1176.906	GRD
4019	953053.759	601431.669	1158.666	TOE LEVEE
4020	953056.182	601429.683	1158.464	GRD
4021	953059.670	601426.622	1158.590	GRD
4022	953065.580	601421.783	1158.119	GRD
4023	953075.115	601414.541	1158.133	GRD
4024	953083.119	601407.515	1157.994	GRD
4025	953091.823	601400.711	1158.183	GRD

4026	953105.008	601390.020	1158.084	GRD
4027	953116.268	601380.450	1157.738	GRD
4028	953130.654	601369.165	1156.998	GRD
4029	953140.128	601361.967	1156.153	GRD
4030	953152.552	601351.988	1155.302	GRD
4031	953165.717	601341.354	1155.340	GRD
4032	953173.819	601335.047	1154.876	GRD
4033	953179.179	601330.155	1155.113	GRD
4034	953183.767	601326.625	1155.939	GRD
4035	953188.030	601323.437	1156.038	GRD
4036	953194.500	601318.635	1156.426	GRD
4037	953205.419	601309.797	1156.905	GRD
4038	953218.071	601299.220	1156.731	GRD
4039	953221.306	601296.409	1156.479	GRD
4040	953228.457	601290.906	1157.076	GRD
4041	953237.160	601284.025	1157.141	GRD
4042	953248.499	601274.606	1156.861	GRD
4043	953262.702	601263.031	1156.904	GRD
4044	953274.157	601254.177	1157.129	GRD
4045	953284.014	601246.302	1157.216	GRD

NAVD88 to NGVD29 Adjustments
For the
Land Subsidence Evaluation of the Upper Agua Fria
Levees
FCD Contract No. 99-067, Assignment 1
Portions of Tasks 3, 4 and 5
(Northern Avenue to Greenway Road)

Surveyed By;
SurvNet, Inc.
150 N. Stapley #105
Mesa, AZ 85203
(480)835-9070

Provided for:
Premier Engineering Corporation
1600 W. Broadway Rd. #165
Tempe, AZ 85282
(480)829-6000

VERTical CONversion (VERTCON) Transformation Program
Between NGVD 29 and NAVD 88
Version 2.0

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Station Name: 410

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 56.93807	112 16 16.38982	.562

Station Name: 411

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 56.68944	112 16 34.14694	.563

Station Name: 412

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 49.14602	112 16 21.65001	.561

Station Name: 413

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 43.36700	112 15 18.47027	.554

Station Name: 414

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 36 35.90760	112 14 15.20535	.551

Station Name: 415

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 1.97036	112 14 15.01847	.551

Station Name: 416

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 28.04873	112 14 14.83539	.551

Station Name: 417

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 9.63725	112 16 27.21232	.565

Station Name: 418

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 19.72403	112 16 27.96136	.564

Station Name: 419

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 28.85941	112 16 28.62243	.564

Station Name: 420

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 38.88036	112 16 28.58216	.564

Station Name: 421

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 48.57270	112 16 26.29329	.563

Station Name: 422

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 57.19448	112 16 23.57856	.563

Station Name: 423

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 58.61998	112 16 21.09800	.563

Station Name: 424

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 6.28473	112 16 13.57947	.562

Station Name: 425

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 16.03600	112 16 14.20080	.562

Station Name: 426

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 19.43113	112 16 15.45112	.561

Station Name: 427

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 25.62108	112 16 13.85450	.561

Station Name: 428

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 34.30558	112 16 8.24622	.560

Station Name: 429

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 43.49076	112 16 3.82011	.560

Station Name: 430

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 53.12136	112 16 .11854	.559

Station Name: 431

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 59.16750	112 15 58.14696	.559

Station Name: 432

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 1.75906	112 15 56.38292	.559

Station Name: 433

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 10.26406	112 15 50.56680	.558

Station Name: 434

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 19.52808	112 15 46.76958	.557

Station Name: 435

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 29.41213	112 15 44.85956	.556

Station Name: 436

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 39.44172	112 15 43.83298	.556

Station Name: 437

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 10.89237	112 16 34.11215	.565

Station Name: 438

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 20.68496	112 16 33.04917	.564

Station Name: 439

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 30.45268	112 16 34.24104	.564

Station Name: 440

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 40.55549	112 16 34.03037	.564

Station Name: 441

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 49.61658	112 16 30.46389	.563

Station Name: 442

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 59.44866	112 16 26.28233	.563

Station Name: 443

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 7.39881	112 16 19.17519	.562

Station Name: 444

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 17.43328	112 16 19.32006	.562

Station Name: 445

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 19.16810	112 16 19.52063	.562

Station Name: 446

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 27.18542	112 16 18.04457	.561

Station Name: 447

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 35.62379	112 16 12.50474	.561

Station Name: 448

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 44.77235	112 16 7.61833	.560

Station Name: 449

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 53.39437	112 16 3.56977	.559

Station Name: 450

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 .00827	112 16 .51927	.559

Station Name: 451

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 2.44827	112 15 58.97188	.559

Station Name: 452

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 11.73503	112 15 54.72796	.558

Station Name: 453

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 21.04284	112 15 50.83533	.557

Station Name: 454

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 30.81892	112 15 49.18964	.557

Station Name: 455

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 40.56884	112 15 47.71611	.556

Station Name: 456

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 49.91972	112 15 43.59903	.555

Station Name: 457

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 48.01846	112 15 40.06130	.555

Station Name: 458

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 19.96981	112 14 15.69045	.551

Station Name: 459

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 23.53627	112 14 9.87214	.551

Station Name: 460

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 22.39049	112 14 18.37445	.551

Station Name: 461

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 26.81804	112 14 12.69720	.551

Station Name: 462

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 29.45965	112 17 23.97407	.585

Station Name: 463

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 3.40344	112 14 33.15161	.551

Station Name: 464

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 4.19530	112 14 31.79293	.551

Station Name: 465

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 9.73745	112 14 25.52172	.551

Station Name: 466

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 5.74224	112 14 35.43849	.551

Station Name: 467

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 6.60968	112 14 34.13060	.551

Station Name: 468

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 13.55696	112 14 32.34812	.551

Station Name: 469

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 23.52516	112 14 32.16970	.551

Station Name: 470

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 9.69465	112 16 27.41405	.565

Station Name: 471

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 10.89007	112 16 33.92761	.565

Station Name: 472

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 19.70239	112 16 28.15170	.564

Station Name: 473

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 20.68452	112 16 32.83236	.564

Station Name: 474

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 30.44916	112 16 34.04260	.564

Station Name: 475

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 28.85806	112 16 28.81421	.564

Station Name: 476

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 38.88945	112 16 28.76380	.564

Station Name: 477

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 40.53811	112 16 33.85250	.564

Station Name: 478

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 48.62165	112 16 26.47371	.563

Station Name: 479

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 49.57176	112 16 30.29342	.563

Station Name: 480

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 58.78001	112 16 21.23573	.563

Station Name: 481

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 59.31799	112 16 26.09006	.563

Station Name: 482

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 6.33774	112 16 13.78218	.562

Station Name: 483

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 7.35580	112 16 18.95522	.562

Station Name: 484

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 15.93704	112 16 14.41148	.562

Station Name: 485

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 19.41582	112 16 15.65801	.561

Station Name: 486

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 19.18433	112 16 19.30484	.562

Station Name: 487

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 17.46359	112 16 19.07741	.562

Station Name: 488

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 25.67653	112 16 13.98188	.561

Station Name: 489

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 27.13264	112 16 17.86824	.561

Station Name: 490

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 34.38876	112 16 8.44087	.560

Station Name: 491

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 43.52218	112 16 3.99669	.560

Station Name: 492

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 44.74363	112 16 7.42133	.560

Station Name: 493

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 35.54062	112 16 12.31951	.561

Station Name: 494

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 53.17399	112 16 .30923	.559

Station Name: 495

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 53.33315	112 16 3.36750	.559

Station Name: 496

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 59.23863	112 15 58.34081	.559

Station Name: 497

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 59.93728	112 16 .34225	.559

Station Name: 498

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 2.34044	112 15 58.78094	.559

Station Name: 499

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 1.89352	112 15 56.55217	.559

Station Name: 500

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 11.67228	112 15 54.50813	.558

Station Name: 501

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 10.33925	112 15 50.80761	.558

Station Name: 502

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 20.99184	112 15 50.65125	.557

Station Name: 503

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 19.59396	112 15 46.95280	.557

Station Name: 504

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 30.81361	112 15 49.01084	.557

Station Name: 505

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 29.41576	112 15 45.02823	.556

Station Name: 506

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 40.51255	112 15 47.53957	.556

Station Name: 507

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 39.48952	112 15 43.97997	.556

Station Name: 508

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 49.88441	112 15 43.52028	.555

Station Name: 509

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 48.04643	112 15 40.12995	.555

Station Name: 510

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 22.32940	112 14 18.30289	.551

Station Name: 511

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 20.03061	112 14 15.76531	.551

Station Name: 512

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 23.65386	112 14 9.95494	.551

Station Name: 513

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 26.73849	112 14 12.60572	.551

Station Name: 514

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 3.58759	112 14 33.32872	.551

Station Name: 515

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 5.56219	112 14 35.26297	.551

Station Name: 516

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 6.50719	112 14 34.03513	.551

Station Name: 517

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 4.29777	112 14 31.88688	.551

Station Name: 518

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 13.55389	112 14 32.15763	.551

Station Name: 519

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 23.52295	112 14 32.07083	.551

Station Name: 520

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 9.85002	112 14 25.63095	.551

Station Name: 3000

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 9.64463	112 16 27.23632	.565

Station Name: 3001

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 19.71988	112 16 27.98519	.564

Station Name: 3002

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 28.86026	112 16 28.65181	.564

Station Name: 3003

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 38.88186	112 16 28.61283	.564

Station Name: 3004

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 48.58247	112 16 26.32962	.563

Station Name: 3005

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 58.63641	112 16 21.11044	.563

Station Name: 3006

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 6.29128	112 16 13.60294	.562

Station Name: 3007

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 16.02705	112 16 14.22218	.562

Station Name: 3008

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 19.42899	112 16 15.47581	.561

Station Name: 3009

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 25.63038	112 16 13.87485	.561

Station Name: 3010

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 34.31412	112 16 8.26157	.560

Station Name: 3011

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 43.49578	112 16 3.84094	.560

Station Name: 3012

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 53.12797	112 16 .14166	.559

Station Name: 3013

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 59.17523	112 15 58.16941	.559

Station Name: 3014

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 1.77157	112 15 56.39790	.559

Station Name: 3015

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 10.27224	112 15 50.58942	.558

Station Name: 3016

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 19.53443	112 15 46.79153	.557

Station Name: 3017

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 29.41278	112 15 44.87813	.556

Station Name: 3018

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 39.44874	112 15 43.85513	.556

Station Name: 3019

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 10.89259	112 16 34.07677	.565

Station Name: 3020

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 20.68531	112 16 33.01563	.564

Station Name: 3021

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 30.45227	112 16 34.21381	.564

Station Name: 3022

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 40.55420	112 16 34.00661	.564

Station Name: 3023

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 49.60737	112 16 30.43311	.563

Station Name: 3024

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 59.44150	112 16 26.26745	.563

Station Name: 3025

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 7.39480	112 16 19.15705	.562

Station Name: 3026

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 17.43471	112 16 19.30045	.562

Station Name: 3027

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 19.16909	112 16 19.49690	.562

Station Name: 3028

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 27.18007	112 16 18.02627	.561

Station Name: 3029

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 35.61394	112 16 12.48286	.561

Station Name: 3030

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 44.76935	112 16 7.59325	.560

Station Name: 3031

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 53.38893	112 16 3.54963	.559

Station Name: 3032

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 59.99865	112 16 .49621	.559

Station Name: 3033

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 2.43918	112 15 58.95381	.559

Station Name: 3034

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 11.73009	112 15 54.70527	.558

Station Name: 3035

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 21.03755	112 15 50.81813	.557

Station Name: 3036

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 30.81885	112 15 49.16372	.557

Station Name: 3037

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 40.56241	112 15 47.69515	.556

Station Name: 3038

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 49.91050	112 15 43.57981	.555

Station Name: 3039

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 48.02750	112 15 40.08312	.555

Station Name: 3040

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 19.98229	112 14 15.70591	.551

Station Name: 3041

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 23.55548	112 14 9.88446	.551

Station Name: 3042

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 22.37735	112 14 18.35887	.551

Station Name: 3043

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 26.80129	112 14 12.68019	.551

Station Name: 3044

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 3.41694	112 14 33.16459	.551

Station Name: 3045

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 4.21016	112 14 31.80530	.551

Station Name: 3046

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 9.75644	112 14 25.54058	.551

Station Name: 3047

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 5.72806	112 14 35.42487	.551

Station Name: 3048

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 6.59416	112 14 34.11676	.551

Station Name: 3049

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 13.55569	112 14 32.32689	.551

Station Name: 3050

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 23.52560	112 14 32.14523	.551

Station Name: 3051

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 9.71277	112 16 27.46920	.565

Station Name: 3052

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 9.73352	112 16 27.54931	.565

Station Name: 3053

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 9.78658	112 16 27.74312	.565

Station Name: 3054

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 9.83263	112 16 27.91013	.565

Station Name: 3055

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 9.89167	112 16 28.09944	.565

Station Name: 3056

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 9.91537	112 16 28.18186	.565

Station Name: 3057

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 9.96210	112 16 28.36009	.565

Station Name: 3058

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 10.00702	112 16 28.51555	.565

Station Name: 3059

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 10.06157	112 16 28.71308	.565

Station Name: 3060

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 10.11867	112 16 28.89004	.565

Station Name: 3061

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 10.13028	112 16 28.93336	.565

Station Name: 3062

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 10.14377	112 16 28.99385	.565

Station Name: 3063

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 10.16570	112 16 29.07408	.565

Station Name: 3064

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 10.19349	112 16 29.17389	.565

Station Name: 3065

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 10.23090	112 16 29.29141	.565

Station Name: 3066

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 10.26575	112 16 29.42541	.565

Station Name: 3067

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 10.33140	112 16 29.65002	.565

Station Name: 3068

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 10.39428	112 16 29.87141	.565

Station Name: 3069

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 10.46405	112 16 30.11362	.565

Station Name: 3070

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 10.52831	112 16 30.33074	.565

Station Name: 3071

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 10.59142	112 16 30.55054	.565

Station Name: 3072

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 10.66119	112 16 30.78803	.565

Station Name: 3073

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 10.88885	112 16 33.87909	.565

Station Name: 3074

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 10.89008	112 16 33.76961	.565

Station Name: 3075

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 10.88597	112 16 33.56798	.565

Station Name: 3076

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 10.88079	112 16 33.38547	.565

Station Name: 3077

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 10.88100	112 16 33.27091	.565

Station Name: 3078

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 10.87856	112 16 33.03905	.565

Station Name: 3079

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 10.87867	112 16 32.85217	.565

Station Name: 3080

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 10.87312	112 16 32.61013	.565

Station Name: 3081

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 10.87141	112 16 32.42692	.565

Station Name: 3082

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 10.86855	112 16 32.39169	.565

Station Name: 3083

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 10.86837	112 16 32.19372	.565

Station Name: 3084

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 10.86823	112 16 32.07475	.565

Station Name: 3085

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 10.86416	112 16 31.89277	.565

Station Name: 3086

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 10.86384	112 16 31.85804	.565

Station Name: 3087

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 10.86131	112 16 31.65003	.565

Station Name: 3088

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 10.86038	112 16 31.55220	.565

Station Name: 3089

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 10.85460	112 16 31.49710	.565

Station Name: 3090

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 10.85558	112 16 31.36408	.565

Station Name: 3091

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 10.85580	112 16 31.23077	.565

Station Name: 3092

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 10.85562	112 16 31.16362	.565

Station Name: 3093

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 10.85100	112 16 30.96954	.565

Station Name: 3094

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 10.84901	112 16 30.87854	.565

Station Name: 3095

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 10.84918	112 16 30.63972	.565

Station Name: 3096

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 10.84428	112 16 30.37385	.565

Station Name: 3097

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 19.69490	112 16 28.20392	.564

Station Name: 3098

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 19.68218	112 16 28.33165	.564

Station Name: 3099

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 19.66615	112 16 28.47341	.564

Station Name: 3100

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 19.64796	112 16 28.64181	.564

Station Name: 3101

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 19.63689	112 16 28.76060	.564

Station Name: 3102

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 19.62962	112 16 28.80600	.564

Station Name: 3103

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 19.62345	112 16 28.86337	.564

Station Name: 3104

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 19.61265	112 16 28.95339	.564

Station Name: 3105

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 19.59147	112 16 29.14373	.564

Station Name: 3106

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 19.56509	112 16 29.35611	.564

Station Name: 3107

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 19.55672	112 16 29.45215	.564

Station Name: 3108

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 19.54177	112 16 29.56933	.564

Station Name: 3109

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 19.52762	112 16 29.72064	.564

Station Name: 3110

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 19.51261	112 16 29.81627	.564

Station Name: 3111

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 19.49149	112 16 30.03960	.564

Station Name: 3112

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 19.46505	112 16 30.24210	.564

Station Name: 3113

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 19.43940	112 16 30.48055	.564

Station Name: 3114

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 19.42255	112 16 30.62586	.564

Station Name: 3115

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 19.41927	112 16 30.66436	.564

Station Name: 3116

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 19.41330	112 16 30.70831	.564

Station Name: 3117

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 19.38637	112 16 30.96277	.564

Station Name: 3118

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 19.36194	112 16 31.19733	.564

Station Name: 3119

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 19.33178	112 16 31.43349	.564

Station Name: 3120

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 19.30535	112 16 31.66654	.564

Station Name: 3121

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 20.68372	112 16 32.78730	.564

Station Name: 3122

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 20.68380	112 16 32.57862	.564

Station Name: 3123

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 20.68511	112 16 32.38040	.564

Station Name: 3124

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 20.68350	112 16 32.12989	.564

Station Name: 3125

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 20.68588	112 16 31.89257	.564

Station Name: 3126

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 20.68256	112 16 31.66455	.564

Station Name: 3127

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 20.68190	112 16 31.41744	.564

Station Name: 3128

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 20.68632	112 16 31.18050	.564

Station Name: 3129

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 20.68620	112 16 30.95735	.564

Station Name: 3130

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 20.68264	112 16 30.70285	.564

Station Name: 3131

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 20.68188	112 16 30.47896	.564

Station Name: 3132

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 20.68263	112 16 30.25015	.564

Station Name: 3133

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 20.68205	112 16 30.15439	.564

Station Name: 3134

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 20.68154	112 16 30.11177	.564

Station Name: 3135

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 20.68297	112 16 29.96442	.564

Station Name: 3136

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 20.68498	112 16 29.81668	.564

Station Name: 3137

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 20.68468	112 16 29.68391	.564

Station Name: 3138

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 20.68531	112 16 29.64423	.564

Station Name: 3139

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 20.68211	112 16 29.50311	.564

Station Name: 3140

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 20.68183	112 16 29.28575	.564

Station Name: 3141

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 30.44576	112 16 33.99493	.564

Station Name: 3142

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 30.44823	112 16 33.95047	.564

Station Name: 3143

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 30.44451	112 16 33.72025	.564

Station Name: 3144

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 30.43966	112 16 33.48959	.564

Station Name: 3145

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 30.43523	112 16 33.26991	.564

Station Name: 3146

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 30.43292	112 16 33.03901	.564

Station Name: 3147

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 30.42840	112 16 32.90506	.564

Station Name: 3148

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 30.42485	112 16 32.81260	.564

Station Name: 3149

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 30.42512	112 16 32.69821	.564

Station Name: 3150

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 30.42144	112 16 32.50382	.564

Station Name: 3151

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 30.41581	112 16 32.24479	.564

Station Name: 3152

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 30.41461	112 16 32.16358	.564

Station Name: 3153

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 30.41422	112 16 32.00475	.564

Station Name: 3154

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 30.41047	112 16 31.75907	.564

Station Name: 3155

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 30.40675	112 16 31.69062	.564

Station Name: 3156

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 30.40695	112 16 31.53594	.564

Station Name: 3157

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 30.40127	112 16 31.39152	.564

Station Name: 3158

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 30.39878	112 16 31.24257	.564

Station Name: 3159

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 30.39666	112 16 31.19057	.564

Station Name: 3160

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 30.39532	112 16 31.05076	.564

Station Name: 3161

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 30.39401	112 16 30.94225	.564

Station Name: 3162

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 30.39098	112 16 30.81909	.564

Station Name: 3163

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 30.38806	112 16 30.58711	.564

Station Name: 3164

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 30.38191	112 16 30.35649	.564

Station Name: 3165

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 28.85823	112 16 28.85907	.564

Station Name: 3166

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 28.85441	112 16 28.94954	.564

Station Name: 3167

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 28.85678	112 16 29.08214	.564

Station Name: 3168

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 28.85481	112 16 29.17655	.564

Station Name: 3169

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 28.85114	112 16 29.22992	.564

Station Name: 3170

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 28.85261	112 16 29.45577	.564

Station Name: 3171

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 28.84892	112 16 29.68818	.564

Station Name: 3172

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 28.85024	112 16 29.88427	.564

Station Name: 3173

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 28.84922	112 16 30.13069	.564

Station Name: 3174

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 28.84796	112 16 30.19674	.564

Station Name: 3175

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 28.84682	112 16 30.28825	.564

Station Name: 3176

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 28.84916	112 16 30.42122	.564

Station Name: 3177

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 28.84602	112 16 30.49444	.564

Station Name: 3178

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 28.84442	112 16 30.67815	.564

Station Name: 3179

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 28.84472	112 16 30.79718	.564

Station Name: 3180

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 28.84352	112 16 30.94695	.564

Station Name: 3181

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 28.84407	112 16 31.07518	.564

Station Name: 3182

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 28.83996	112 16 31.21700	.564

Station Name: 3183

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 28.83616	112 16 31.38049	.564

Station Name: 3184

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 28.83903	112 16 31.52539	.564

Station Name: 3185

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 28.83742	112 16 31.57602	.564

Station Name: 3186

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 28.83968	112 16 31.65387	.564

Station Name: 3187

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 28.83545	112 16 31.73113	.564

Station Name: 3188

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 28.83419	112 16 31.98178	.564

Station Name: 3189

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 28.83386	112 16 32.14674	.564

Station Name: 3190

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 28.83162	112 16 32.30191	.564

Station Name: 3191

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 28.83354	112 16 32.35594	.564

Station Name: 3192

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 38.89122	112 16 28.81196	.564

Station Name: 3193

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 38.89442	112 16 28.88496	.564

Station Name: 3194

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 38.90039	112 16 29.05661	.564

Station Name: 3195

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 38.91284	112 16 29.26969	.564

Station Name: 3196

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 38.92453	112 16 29.45538	.564

Station Name: 3197

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 38.92934	112 16 29.55285	.564

Station Name: 3198

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 38.92958	112 16 29.60904	.564

Station Name: 3199

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 38.93304	112 16 29.64735	.564

Station Name: 3200

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 38.93513	112 16 29.69108	.564

Station Name: 3201

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 38.93495	112 16 29.73474	.564

Station Name: 3202

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 38.93927	112 16 29.78002	.564

Station Name: 3203

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 38.94218	112 16 29.93254	.564

Station Name: 3204

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 38.95438	112 16 30.11491	.564

Station Name: 3205

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 38.96166	112 16 30.20847	.564

Station Name: 3206

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 38.96133	112 16 30.27586	.564

Station Name: 3207

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 38.96063	112 16 30.32725	.564

Station Name: 3208

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 38.96984	112 16 30.44093	.564

Station Name: 3209

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 38.96823	112 16 30.47965	.564

Station Name: 3210

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 38.97433	112 16 30.50566	.564

Station Name: 3211

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 38.97584	112 16 30.61143	.564

Station Name: 3212

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 38.98474	112 16 30.68488	.564

Station Name: 3213

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 38.98578	112 16 30.82571	.564

Station Name: 3214

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 38.99331	112 16 30.97200	.564

Station Name: 3215

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 39.00035	112 16 31.10264	.564

Station Name: 3216

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 39.01077	112 16 31.23070	.564

Station Name: 3217

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 39.01197	112 16 31.33616	.564

Station Name: 3218

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 39.01632	112 16 31.41925	.564

Station Name: 3219

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 39.01969	112 16 31.51696	.564

Station Name: 3220

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 39.02398	112 16 31.60148	.564

Station Name: 3221

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 39.03305	112 16 31.69440	.564

Station Name: 3222

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 39.03786	112 16 31.86592	.564

Station Name: 3223

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 39.04481	112 16 32.03026	.564

Station Name: 3224

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 39.04722	112 16 32.13136	.564

Station Name: 3225

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 39.05935	112 16 32.30680	.564

Station Name: 3226

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 40.53146	112 16 33.80982	.564

Station Name: 3227

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 40.51208	112 16 33.59560	.564

Station Name: 3228

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 40.49108	112 16 33.39075	.564

Station Name: 3229

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 40.47267	112 16 33.21030	.564

Station Name: 3230

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 40.45981	112 16 33.06132	.564

Station Name: 3231

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 40.45231	112 16 32.98399	.564

Station Name: 3232

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 40.43961	112 16 32.90346	.564

Station Name: 3233

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 40.43373	112 16 32.81177	.564

Station Name: 3234

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 40.41758	112 16 32.64675	.564

Station Name: 3235

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 40.39959	112 16 32.47593	.564

Station Name: 3236

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 40.38722	112 16 32.32834	.564

Station Name: 3237

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 40.37236	112 16 32.19361	.564

Station Name: 3238

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 40.34865	112 16 31.96349	.564

Station Name: 3239

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 40.33703	112 16 31.84098	.564

Station Name: 3240

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 40.32449	112 16 31.70171	.564

Station Name: 3241

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 40.30753	112 16 31.53360	.564

Station Name: 3242

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 40.28725	112 16 31.39086	.564

Station Name: 3243

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 40.28150	112 16 31.34646	.564

Station Name: 3244

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 40.27620	112 16 31.23378	.564

Station Name: 3245

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 40.26601	112 16 31.14248	.564

Station Name: 3246

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 40.25755	112 16 31.03834	.564

Station Name: 3247

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 40.25357	112 16 30.96371	.564

Station Name: 3248

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 40.22685	112 16 30.80898	.564

Station Name: 3249

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 40.22190	112 16 30.69239	.564

Station Name: 3250

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 40.20332	112 16 30.52540	.564

Station Name: 3251

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 40.19728	112 16 30.47003	.564

Station Name: 3252

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 40.18607	112 16 30.33764	.564

Station Name: 3253

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 40.17522	112 16 30.25213	.564

Station Name: 3254

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 49.56352	112 16 30.24994	.563

Station Name: 3255

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 49.54002	112 16 30.15484	.563

Station Name: 3256

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 49.49522	112 16 29.96280	.563

Station Name: 3257

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 49.45094	112 16 29.80710	.563

Station Name: 3258

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 49.39782	112 16 29.59845	.563

Station Name: 3259

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 49.35210	112 16 29.40201	.563

Station Name: 3260

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 49.30861	112 16 29.22739	.563

Station Name: 3261

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 49.25847	112 16 29.02953	.563

Station Name: 3262

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 49.20342	112 16 28.81557	.563

Station Name: 3263

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 49.15672	112 16 28.62393	.563

Station Name: 3264

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 49.11950	112 16 28.47312	.563

Station Name: 3265

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 49.07711	112 16 28.29957	.563

Station Name: 3266

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 49.06448	112 16 28.26171	.563

Station Name: 3267

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 49.02072	112 16 28.08064	.563

Station Name: 3268

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 48.97923	112 16 27.91555	.563

Station Name: 3269

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 48.93048	112 16 27.72273	.563

Station Name: 3270

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 48.90780	112 16 27.62180	.563

Station Name: 3271

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 48.89486	112 16 27.57412	.563

Station Name: 3272

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 48.78148	112 16 27.35417	.563

Station Name: 3273

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 48.81199	112 16 27.22932	.563

Station Name: 3274

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 48.77055	112 16 27.08917	.563

Station Name: 3275

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 48.73213	112 16 26.91893	.563

Station Name: 3276

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 48.71113	112 16 26.83152	.563

Station Name: 3277

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 48.67796	112 16 26.70225	.563

Station Name: 3278

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 48.63788	112 16 26.53060	.563

Station Name: 3279

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 48.63350	112 16 26.51180	.563

Station Name: 3280

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 58.81471	112 16 21.26459	.563

Station Name: 3281

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 58.95157	112 16 21.38536	.563

Station Name: 3282

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 59.10986	112 16 21.52124	.563

Station Name: 3283

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 59.27024	112 16 21.66110	.563

Station Name: 3284

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 59.42710	112 16 21.79600	.563

Station Name: 3285

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 59.58344	112 16 21.93061	.563

Station Name: 3286

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 59.73787	112 16 22.06187	.563

Station Name: 3287

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 59.88494	112 16 22.18575	.563

Station Name: 3288

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 .04767	112 16 22.32872	.563

Station Name: 3289

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 .13318	112 16 22.40336	.563

Station Name: 3290

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 .23331	112 16 22.49111	.563

Station Name: 3291

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 .38329	112 16 22.61844	.563

Station Name: 3292

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 .54234	112 16 22.74958	.563

Station Name: 3293

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 .70252	112 16 22.89177	.563

Station Name: 3294

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 .75406	112 16 22.93275	.563

Station Name: 3295

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 .81123	112 16 22.98601	.563

Station Name: 3296

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 .91598	112 16 23.07344	.563

Station Name: 3297

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 1.04322	112 16 23.18641	.563

Station Name: 3298

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 1.18774	112 16 23.30607	.563

Station Name: 3299

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 59.29070	112 16 26.05324	.563

Station Name: 3300

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 59.27456	112 16 26.02359	.563

Station Name: 3301

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 59.20953	112 16 25.92884	.563

Station Name: 3302

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 59.19096	112 16 25.90294	.563

Station Name: 3303

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 59.14230	112 16 25.83011	.563

Station Name: 3304

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 59.02714	112 16 25.65876	.563

Station Name: 3305

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 58.97496	112 16 25.58120	.563

Station Name: 3306

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 58.88720	112 16 25.45379	.563

Station Name: 3307

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 58.86487	112 16 25.42079	.563

Station Name: 3308

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 58.83847	112 16 25.37962	.563

Station Name: 3309

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 58.73551	112 16 25.22781	.563

Station Name: 3310

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 58.68265	112 16 25.15573	.563

Station Name: 3311

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 58.66051	112 16 25.11740	.563

Station Name: 3312

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 58.57824	112 16 24.99758	.563

Station Name: 3313

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 58.44670	112 16 24.80709	.563

Station Name: 3314

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 58.31671	112 16 24.61732	.563

Station Name: 3315

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 58.20089	112 16 24.44268	.563

Station Name: 3316

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 58.08386	112 16 24.27221	.563

Station Name: 3317

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 57.94755	112 16 24.06845	.563

Station Name: 3318

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 57.83467	112 16 23.89978	.563

Station Name: 3319

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 57.68721	112 16 23.68939	.563

Station Name: 3320

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 57.62832	112 16 23.59759	.563

Station Name: 3321

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 57.57249	112 16 23.51664	.563

Station Name: 3322

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 6.35059	112 16 13.82604	.562

Station Name: 3323

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 6.37623	112 16 13.93130	.562

Station Name: 3324

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 6.42457	112 16 14.11445	.562

Station Name: 3325

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 6.45826	112 16 14.24073	.562

Station Name: 3326

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 6.51363	112 16 14.45043	.562

Station Name: 3327

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 6.57094	112 16 14.66662	.562

Station Name: 3328

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 6.58195	112 16 14.71202	.562

Station Name: 3329

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 6.62523	112 16 14.88600	.562

Station Name: 3330

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 6.65236	112 16 14.98224	.562

Station Name: 3331

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 6.67377	112 16 15.06012	.562

Station Name: 3332

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 6.67695	112 16 15.08896	.562

Station Name: 3333

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 6.68851	112 16 15.12765	.562

Station Name: 3334

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 6.69930	112 16 15.16189	.562

Station Name: 3335

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 6.74951	112 16 15.36537	.562

Station Name: 3336

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 6.80947	112 16 15.58320	.562

Station Name: 3337

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 6.86588	112 16 15.81335	.562

Station Name: 3338

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 6.92801	112 16 16.03701	.562

Station Name: 3339

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 6.93659	112 16 16.07210	.562

Station Name: 3340

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 6.95410	112 16 16.14256	.562

Station Name: 3341

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 6.96624	112 16 16.19670	.562

Station Name: 3342

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 6.99159	112 16 16.28603	.562

Station Name: 3343

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 7.00598	112 16 16.33964	.562

Station Name: 3344

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 7.03750	112 16 16.46202	.562

Station Name: 3345

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 7.09980	112 16 16.69990	.562

Station Name: 3346

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 7.12658	112 16 16.80742	.562

Station Name: 3347

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 7.15552	112 16 16.91290	.562

Station Name: 3348

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 7.22177	112 16 17.16979	.562

Station Name: 3349

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 7.34695	112 16 18.91118	.562

Station Name: 3350

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 7.33900	112 16 18.86791	.562

Station Name: 3351

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 7.31369	112 16 18.73349	.562

Station Name: 3352

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 7.28561	112 16 18.58947	.562

Station Name: 3353

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 7.25874	112 16 18.45099	.562

Station Name: 3354

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 7.22059	112 16 18.26197	.562

Station Name: 3355

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 7.17237	112 16 18.01643	.562

Station Name: 3356

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 7.12953	112 16 17.79312	.562

Station Name: 3357

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 7.08569	112 16 17.56502	.562

Station Name: 3358

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 7.03932	112 16 17.33213	.562

Station Name: 3359

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 6.99743	112 16 17.11803	.562

Station Name: 3360

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 6.97433	112 16 17.01277	.562

Station Name: 3361

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 6.94320	112 16 16.83318	.562

Station Name: 3362

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 6.90724	112 16 16.65664	.562

Station Name: 3363

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 6.86179	112 16 16.41822	.562

Station Name: 3364

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 6.83404	112 16 16.26369	.562

Station Name: 3365

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 6.81161	112 16 16.16688	.562

Station Name: 3366

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 6.79424	112 16 16.06492	.562

Station Name: 3367

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 6.73917	112 16 15.78413	.562

Station Name: 3368

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 6.68250	112 16 15.50085	.562

Station Name: 3369

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 15.92333	112 16 14.45686	.562

Station Name: 3370

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 15.84120	112 16 14.61451	.562

Station Name: 3371

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 15.74499	112 16 14.81722	.562

Station Name: 3372

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 15.64555	112 16 15.03575	.562

Station Name: 3373

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 15.54947	112 16 15.23456	.562

Station Name: 3374

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 15.45385	112 16 15.43736	.562

Station Name: 3375

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 15.35697	112 16 15.64675	.562

Station Name: 3376

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 15.30122	112 16 15.76193	.562

Station Name: 3377

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 15.25337	112 16 15.86854	.562

Station Name: 3378

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 15.23136	112 16 15.90231	.562

Station Name: 3379

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 15.21209	112 16 15.95528	.562

Station Name: 3380

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 15.18472	112 16 16.01058	.562

Station Name: 3381

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 15.16942	112 16 16.04274	.562

Station Name: 3382

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 15.08119	112 16 16.22603	.562

Station Name: 3383

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 15.04757	112 16 16.30135	.562

Station Name: 3384

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 14.96664	112 16 16.47842	.562

Station Name: 3385

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 14.86897	112 16 16.68173	.562

Station Name: 3386

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 14.77243	112 16 16.89234	.562

Station Name: 3387

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 14.67545	112 16 17.09471	.562

Station Name: 3388

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 14.62687	112 16 17.20050	.562

Station Name: 3389

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 14.55986	112 16 17.33971	.562

Station Name: 3390

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 14.48343	112 16 17.50400	.562

Station Name: 3391

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 17.46991	112 16 19.02700	.562

Station Name: 3392

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 17.47329	112 16 18.99282	.562

Station Name: 3393

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 17.49446	112 16 18.86174	.562

Station Name: 3394

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 17.52372	112 16 18.61286	.562

Station Name: 3395

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 17.54814	112 16 18.38001	.562

Station Name: 3396

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 17.57918	112 16 18.14400	.562

Station Name: 3397

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 17.61330	112 16 17.90743	.562

Station Name: 3398

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 17.63729	112 16 17.67471	.562

Station Name: 3399

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 17.66931	112 16 17.44421	.562

Station Name: 3400

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 17.68307	112 16 17.32427	.562

Station Name: 3401

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 17.69749	112 16 17.19012	.562

Station Name: 3402

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 17.72081	112 16 17.03544	.562

Station Name: 3403

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 17.72757	112 16 16.97989	.562

Station Name: 3404

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 17.74693	112 16 16.79192	.562

Station Name: 3405

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 17.75783	112 16 16.72179	.562

Station Name: 3406

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 17.76709	112 16 16.67492	.562

Station Name: 3407

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 17.76785	112 16 16.65345	.562

Station Name: 3408

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 17.78401	112 16 16.52668	.562

Station Name: 3409

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 17.79069	112 16 16.48469	.562

Station Name: 3410

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 17.79656	112 16 16.43084	.562

Station Name: 3411

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 17.80136	112 16 16.37866	.562

Station Name: 3412

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 17.80818	112 16 16.30888	.562

Station Name: 3413

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 17.82767	112 16 16.18407	.562

Station Name: 3414

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 17.83367	112 16 16.13090	.562

Station Name: 3415

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 17.84002	112 16 16.07839	.562

Station Name: 3416

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 17.84525	112 16 16.02661	.562

Station Name: 3417

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 17.85179	112 16 15.95477	.562

Station Name: 3418

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 17.86913	112 16 15.83883	.562

Station Name: 3419

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 17.90336	112 16 15.56896	.562

Station Name: 3420

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 19.11807	112 16 15.70389	.561

Station Name: 3421

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 19.10952	112 16 15.83891	.561

Station Name: 3422

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 19.10673	112 16 15.87380	.561

Station Name: 3423

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 19.09730	112 16 15.97480	.561

Station Name: 3424

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 19.09376	112 16 16.01576	.561

Station Name: 3425

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 19.08299	112 16 16.21440	.562

Station Name: 3426

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 19.07824	112 16 16.27703	.562

Station Name: 3427

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 19.06702	112 16 16.45157	.562

Station Name: 3428

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 19.06219	112 16 16.56304	.562

Station Name: 3429

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 19.06058	112 16 16.60007	.562

Station Name: 3430

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 19.05194	112 16 16.70934	.562

Station Name: 3431

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 19.05063	112 16 16.75941	.562

Station Name: 3432

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 19.04123	112 16 16.85599	.562

Station Name: 3433

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 19.03448	112 16 17.03046	.562

Station Name: 3434

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 19.02534	112 16 17.18346	.562

Station Name: 3435

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 19.00806	112 16 17.25949	.562

Station Name: 3436

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 19.01033	112 16 17.38952	.562

Station Name: 3437

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 19.00027	112 16 17.51195	.562

Station Name: 3438

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 18.99249	112 16 17.65144	.562

Station Name: 3439

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 18.98442	112 16 17.80813	.562

Station Name: 3440

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 18.98227	112 16 17.84304	.562

Station Name: 3441

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 18.97446	112 16 17.90637	.562

Station Name: 3442

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 18.96232	112 16 18.05140	.562

Station Name: 3443

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 18.95890	112 16 18.11998	.562

Station Name: 3444

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 18.95840	112 16 18.18872	.562

Station Name: 3445

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 18.95200	112 16 18.26880	.562

Station Name: 3446

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 18.95384	112 16 18.32454	.562

Station Name: 3447

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 18.94807	112 16 18.37599	.562

Station Name: 3448

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 18.93676	112 16 18.51878	.562

Station Name: 3449

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 18.93155	112 16 18.61822	.562

Station Name: 3450

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 18.93038	112 16 18.73679	.562

Station Name: 3451

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 18.91472	112 16 18.78628	.562

Station Name: 3452

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 18.91430	112 16 18.87633	.562

Station Name: 3453

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 18.90652	112 16 18.96181	.562

Station Name: 3454

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 18.89912	112 16 19.06648	.562

Station Name: 3455

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 18.89520	112 16 19.15638	.562

Station Name: 3456

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 18.89246	112 16 19.20195	.562

Station Name: 3457

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 19.18569	112 16 19.25336	.562

Station Name: 3458

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 19.18911	112 16 19.20691	.562

Station Name: 3459

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 19.20213	112 16 18.98608	.562

Station Name: 3460

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 19.21671	112 16 18.75320	.562

Station Name: 3461

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 19.23403	112 16 18.52532	.562

Station Name: 3462

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 19.24915	112 16 18.28206	.562

Station Name: 3463

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 19.26388	112 16 18.04347	.562

Station Name: 3464

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 19.27979	112 16 17.83116	.562

Station Name: 3465

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 19.28410	112 16 17.75339	.562

Station Name: 3466

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 19.28596	112 16 17.67275	.562

Station Name: 3467

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 19.29484	112 16 17.55676	.562

Station Name: 3468

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 19.30573	112 16 17.40618	.562

Station Name: 3469

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 19.31222	112 16 17.28049	.562

Station Name: 3470

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 19.32098	112 16 17.14505	.562

Station Name: 3471

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 19.33754	112 16 16.87619	.562

Station Name: 3472

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 19.35536	112 16 16.63660	.562

Station Name: 3473

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 19.37035	112 16 16.39185	.562

Station Name: 3474

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 19.38553	112 16 16.15044	.561

Station Name: 3475

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 19.40022	112 16 15.92780	.561

Station Name: 3476

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 19.41182	112 16 15.74584	.561

Station Name: 3477

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 19.41355	112 16 15.70238	.561

Station Name: 3478

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 25.69568	112 16 14.02720	.561

Station Name: 3479

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 25.75222	112 16 14.16219	.561

Station Name: 3480

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 25.83754	112 16 14.35423	.561

Station Name: 3481

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 25.92247	112 16 14.54788	.561

Station Name: 3482

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 26.01302	112 16 14.76325	.561

Station Name: 3483

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 26.12227	112 16 15.00354	.561

Station Name: 3484

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 26.22300	112 16 15.23854	.561

Station Name: 3485

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 26.29005	112 16 15.38857	.561

Station Name: 3486

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 26.31093	112 16 15.44456	.561

Station Name: 3487

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 26.35428	112 16 15.54002	.561

Station Name: 3488

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 26.39450	112 16 15.62686	.561

Station Name: 3489

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 26.47733	112 16 15.82307	.561

Station Name: 3490

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 26.53735	112 16 15.96053	.561

Station Name: 3491

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 26.58628	112 16 16.07812	.561

Station Name: 3492

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 26.66819	112 16 16.26723	.561

Station Name: 3493

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 26.70074	112 16 16.33713	.561

Station Name: 3494

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 26.71611	112 16 16.36773	.561

Station Name: 3495

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 26.77500	112 16 16.50357	.561

Station Name: 3496

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 26.84640	112 16 16.66543	.561

Station Name: 3497

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 26.92377	112 16 16.84505	.561

Station Name: 3498

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 27.00129	112 16 17.02600	.561

Station Name: 3499

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 27.04504	112 16 17.13073	.561

Station Name: 3500

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 27.11793	112 16 17.81915	.561

Station Name: 3501

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 27.07896	112 16 17.69085	.561

Station Name: 3502

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 27.00642	112 16 17.45287	.561

Station Name: 3503

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 26.94999	112 16 17.25310	.561

Station Name: 3504

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 26.86867	112 16 17.00049	.561

Station Name: 3505

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 26.80149	112 16 16.76266	.561

Station Name: 3506

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 26.73767	112 16 16.54187	.561

Station Name: 3507

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 44.72497	112 16 7.37008	.560

Station Name: 3508

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 44.66489	112 16 7.19546	.560

Station Name: 3509

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 44.58845	112 16 6.98205	.560

Station Name: 3510

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 44.51273	112 16 6.77168	.560

Station Name: 3511

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 44.43474	112 16 6.54562	.560

Station Name: 3512

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 44.35555	112 16 6.33573	.560

Station Name: 3513

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 44.27795	112 16 6.11798	.560

Station Name: 3514

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 44.20229	112 16 5.89757	.560

Station Name: 3515

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 44.12258	112 16 5.68142	.560

Station Name: 3516

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 44.04519	112 16 5.46526	.560

Station Name: 3517

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 43.97755	112 16 5.27029	.560

Station Name: 3518

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 43.94076	112 16 5.17062	.560

Station Name: 3519

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 43.87298	112 16 4.97869	.560

Station Name: 3520

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 43.81234	112 16 4.80719	.560

Station Name: 3521

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 43.73643	112 16 4.59602	.560

Station Name: 3522

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 43.67117	112 16 4.41850	.560

Station Name: 3523

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 43.64898	112 16 4.34285	.560

Station Name: 3524

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 43.58620	112 16 4.17857	.560

Station Name: 3525

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 43.53981	112 16 4.04119	.560

Station Name: 3526

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 35.52705	112 16 12.27449	.561

Station Name: 3527

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 35.49754	112 16 12.17347	.561

Station Name: 3528

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 35.44676	112 16 12.00665	.561

Station Name: 3529

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 35.38433	112 16 11.79268	.561

Station Name: 3530

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 35.36662	112 16 11.73319	.561

Station Name: 3531

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 35.34966	112 16 11.67985	.561

Station Name: 3532

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 35.31220	112 16 11.54898	.561

Station Name: 3533

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 35.26752	112 16 11.40169	.561

Station Name: 3534

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 35.20754	112 16 11.19391	.561

Station Name: 3535

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 35.14502	112 16 10.98425	.561

Station Name: 3536

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 35.08578	112 16 10.77833	.561

Station Name: 3537

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 35.04026	112 16 10.63535	.561

Station Name: 3538

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 34.99075	112 16 10.47296	.561

Station Name: 3539

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 34.93625	112 16 10.28233	.561

Station Name: 3540

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 34.88073	112 16 10.08688	.561

Station Name: 3541

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 34.86809	112 16 10.04592	.561

Station Name: 3542

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 34.84471	112 16 9.97242	.561

Station Name: 3543

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 34.78341	112 16 9.76785	.561

Station Name: 3544

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 34.71505	112 16 9.54715	.561

Station Name: 3545

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 34.65453	112 16 9.33128	.561

Station Name: 3546

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 34.58577	112 16 9.10501	.561

Station Name: 3547

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 34.52301	112 16 8.89715	.561

Station Name: 3548

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 34.46255	112 16 8.68497	.560

Station Name: 3549

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 34.41683	112 16 8.53769	.560

Station Name: 3550

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 34.40360	112 16 8.48887	.560

Station Name: 3551

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 53.33242	112 16 3.32659	.559

Station Name: 3552

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 53.32947	112 16 3.30438	.559

Station Name: 3553

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 53.31958	112 16 3.11479	.559

Station Name: 3554

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 53.30653	112 16 2.89383	.559

Station Name: 3555

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 53.30172	112 16 2.72554	.559

Station Name: 3556

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 53.29336	112 16 2.55828	.559

Station Name: 3557

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 53.28140	112 16 2.35920	.559

Station Name: 3558

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 53.27292	112 16 2.22525	.559

Station Name: 3559

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 53.26759	112 16 2.11933	.559

Station Name: 3560

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 53.26659	112 16 2.05045	.559

Station Name: 3561

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 53.26283	112 16 2.00171	.559

Station Name: 3562

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 53.25630	112 16 1.87829	.559

Station Name: 3563

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 53.25245	112 16 1.83364	.559

Station Name: 3564

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 53.24170	112 16 1.61552	.559

Station Name: 3565

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 53.23125	112 16 1.39616	.559

Station Name: 3566

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 53.21908	112 16 1.17851	.559

Station Name: 3567

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 53.20881	112 16 .96882	.559

Station Name: 3568

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 53.20020	112 16 .77548	.559

Station Name: 3569

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 53.19469	112 16 .68737	.559

Station Name: 3570

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 53.18294	112 16 .50197	.559

Station Name: 3571

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 53.17827	112 16 .38634	.559

Station Name: 3572

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 53.17637	112 16 .35394	.559

Station Name: 3573

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 59.64727	112 16 .43635	.559

Station Name: 3574

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 59.63084	112 16 .39890	.559

Station Name: 3575

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 59.59038	112 16 .27903	.559

Station Name: 3576

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 59.55997	112 16 .18552	.559

Station Name: 3577

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 59.52974	112 16 .10205	.559

Station Name: 3578

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 59.46105	112 15 59.89990	.559

Station Name: 3579

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 59.39567	112 15 59.70708	.559

Station Name: 3580

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 59.35019	112 15 59.57427	.559

Station Name: 3581

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 59.29040	112 15 59.40845	.559

Station Name: 3582

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 59.25604	112 15 59.31290	.559

Station Name: 3583

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 59.19110	112 15 59.12354	.559

Station Name: 3584

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 59.15388	112 15 59.02139	.559

Station Name: 3585

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 59.13191	112 15 58.94532	.559

Station Name: 3586

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 59.10871	112 15 58.88567	.559

Station Name: 3587

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 59.08157	112 15 58.81351	.559

Station Name: 3588

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 59.06078	112 15 58.75480	.559

Station Name: 3589

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 59.03735	112 15 58.69360	.559

Station Name: 3590

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 59.01639	112 15 58.63413	.559

Station Name: 3591

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 58.99840	112 15 58.56712	.559

Station Name: 3592

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 58.97828	112 15 58.51074	.559

Station Name: 3593

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 58.96629	112 15 58.48459	.559

Station Name: 3594

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 59.25250	112 15 58.38147	.559

Station Name: 3595

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 59.26599	112 15 58.42361	.559

Station Name: 3596

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 59.33453	112 15 58.61514	.559

Station Name: 3597

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 59.40252	112 15 58.81068	.559

Station Name: 3598

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 59.46882	112 15 59.00313	.559

Station Name: 3599

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 59.51897	112 15 59.14677	.559

Station Name: 3600

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 59.59051	112 15 59.34780	.559

Station Name: 3601

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 59.66298	112 15 59.56115	.559

Station Name: 3602

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 59.73714	112 15 59.76770	.559

Station Name: 3603

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 59.81290	112 15 59.98722	.559

Station Name: 3604

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 59.88676	112 16 .19865	.559

Station Name: 3605

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 34 59.92099	112 16 .29488	.559

Station Name: 3606

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 2.31862	112 15 58.74302	.559

Station Name: 3607

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 2.30675	112 15 58.72142	.559

Station Name: 3608

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 2.23696	112 15 58.59825	.559

Station Name: 3609

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 2.18195	112 15 58.50555	.559

Station Name: 3610

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 2.13497	112 15 58.41677	.559

Station Name: 3611

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 2.12658	112 15 58.39730	.559

Station Name: 3612

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 2.07380	112 15 58.30835	.559

Station Name: 3613

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 2.05561	112 15 58.28044	.559

Station Name: 3614

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 2.02684	112 15 58.22731	.559

Station Name: 3615

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 2.00579	112 15 58.19382	.559

Station Name: 3616

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 1.98318	112 15 58.15295	.559

Station Name: 3617

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 1.92992	112 15 58.06086	.559

Station Name: 3618

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 1.92366	112 15 58.04037	.559

Station Name: 3619

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 1.90920	112 15 58.01890	.559

Station Name: 3620

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 1.89634	112 15 57.99661	.559

Station Name: 3621

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 1.87783	112 15 57.96591	.559

Station Name: 3622

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 1.81554	112 15 57.84973	.559

Station Name: 3623

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 1.78744	112 15 57.79940	.559

Station Name: 3624

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 1.74881	112 15 57.73674	.559

Station Name: 3625

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 1.69429	112 15 57.63639	.559

Station Name: 3626

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 1.68377	112 15 57.61955	.559

Station Name: 3627

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 1.65457	112 15 57.56902	.559

Station Name: 3628

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 1.62476	112 15 57.51525	.559

Station Name: 3629

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 1.58915	112 15 57.45078	.559

Station Name: 3630

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 1.55426	112 15 57.38710	.559

Station Name: 3631

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 1.53751	112 15 57.36233	.559

Station Name: 3632

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 1.51665	112 15 57.32669	.559

Station Name: 3633

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 1.46676	112 15 57.23164	.559

Station Name: 3634

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 1.38747	112 15 57.09974	.559

Station Name: 3635

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 1.37377	112 15 57.07371	.559

Station Name: 3636

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 1.92290	112 15 56.58824	.559

Station Name: 3637

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 2.02592	112 15 56.72353	.559

Station Name: 3638

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 2.12031	112 15 56.83647	.559

Station Name: 3639

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 2.16750	112 15 56.89756	.559

Station Name: 3640

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 2.26264	112 15 57.01885	.559

Station Name: 3641

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 2.37166	112 15 57.15150	.559

Station Name: 3642

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 2.38700	112 15 57.17331	.559

Station Name: 3643

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 2.42225	112 15 57.21249	.559

Station Name: 3644

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 2.46271	112 15 57.27306	.559

Station Name: 3645

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 2.52171	112 15 57.34353	.559

Station Name: 3646

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 2.54217	112 15 57.36604	.559

Station Name: 3647

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 2.64917	112 15 57.50277	.559

Station Name: 3648

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 2.77691	112 15 57.66055	.559

Station Name: 3649

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 2.80027	112 15 57.69279	.559

Station Name: 3650

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 2.84208	112 15 57.73713	.559

Station Name: 3651

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 2.85639	112 15 57.76201	.559

Station Name: 3652

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 2.90400	112 15 57.82604	.559

Station Name: 3653

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 2.92371	112 15 57.84215	.559

Station Name: 3654

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 3.03066	112 15 57.98430	.559

Station Name: 3655

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 3.08888	112 15 58.05169	.559

Station Name: 3656

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 3.18305	112 15 58.17650	.559

Station Name: 3657

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 3.20385	112 15 58.20010	.559

Station Name: 3658

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 10.35243	112 15 50.84431	.558

Station Name: 3659

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 10.36744	112 15 50.88869	.558

Station Name: 3660

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 10.44130	112 15 51.08993	.558

Station Name: 3661

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 10.51636	112 15 51.30036	.558

Station Name: 3662

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 10.59274	112 15 51.50833	.558

Station Name: 3663

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 10.63885	112 15 51.63075	.558

Station Name: 3664

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 10.68756	112 15 51.77631	.558

Station Name: 3665

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 10.76170	112 15 51.97310	.558

Station Name: 3666

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 10.82122	112 15 52.14862	.558

Station Name: 3667

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 10.86761	112 15 52.27842	.558

Station Name: 3668

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 10.88736	112 15 52.32597	.558

Station Name: 3669

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 10.91583	112 15 52.40931	.558

Station Name: 3670

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 10.95509	112 15 52.51644	.558

Station Name: 3671

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 10.99143	112 15 52.61451	.558

Station Name: 3672

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 10.99994	112 15 52.64006	.558

Station Name: 3673

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 11.07579	112 15 52.84754	.558

Station Name: 3674

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 11.14553	112 15 53.05605	.558

Station Name: 3675

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 11.20224	112 15 53.20625	.558

Station Name: 3676

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 11.23773	112 15 53.30581	.558

Station Name: 3677

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 11.25904	112 15 53.35813	.558

Station Name: 3678

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 11.28151	112 15 53.42407	.558

Station Name: 3679

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 11.33276	112 15 53.56569	.558

Station Name: 3680

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 11.35319	112 15 53.62040	.558

Station Name: 3681

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 11.42639	112 15 53.82108	.558

Station Name: 3682

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 11.49843	112 15 54.02904	.558

Station Name: 3683

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 11.56904	112 15 54.22957	.558

Station Name: 3684

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 11.64544	112 15 54.42818	.558

Station Name: 3685

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 11.65557	112 15 54.45993	.558

Station Name: 3686

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 19.60748	112 15 46.98922	.557

Station Name: 3687

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 19.63306	112 15 47.06099	.557

Station Name: 3688

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 19.67582	112 15 47.16384	.557

Station Name: 3689

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 19.68494	112 15 47.19047	.557

Station Name: 3690

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 19.76474	112 15 47.40193	.557

Station Name: 3691

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 19.84007	112 15 47.60475	.557

Station Name: 3692

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 19.91177	112 15 47.79113	.557

Station Name: 3693

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 19.99098	112 15 47.99973	.557

Station Name: 3694

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 20.05945	112 15 48.18548	.557

Station Name: 3695

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 20.13453	112 15 48.37796	.557

Station Name: 3696

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 20.15539	112 15 48.42929	.557

Station Name: 3697

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 20.16184	112 15 48.45778	.557

Station Name: 3698

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 20.23510	112 15 48.65284	.557

Station Name: 3699

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 20.28786	112 15 48.78953	.557

Station Name: 3700

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 20.33748	112 15 48.92109	.557

Station Name: 3701

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 20.35614	112 15 48.97067	.557

Station Name: 3702

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 20.38311	112 15 49.04123	.557

Station Name: 3703

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 20.44621	112 15 49.20995	.557

Station Name: 3704

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 20.52209	112 15 49.40941	.557

Station Name: 3705

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 20.57949	112 15 49.56319	.557

Station Name: 3706

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 20.66004	112 15 49.76839	.557

Station Name: 3707

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 20.73393	112 15 49.97642	.557

Station Name: 3708

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 20.80241	112 15 50.15323	.557

Station Name: 3709

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 20.86838	112 15 50.32849	.557

Station Name: 3710

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 20.91021	112 15 50.43620	.557

Station Name: 3711

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 20.95819	112 15 50.56651	.557

Station Name: 3712

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 20.97468	112 15 50.60873	.557

Station Name: 3713

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 30.81071	112 15 48.96808	.557

Station Name: 3714

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 30.81094	112 15 48.90815	.557

Station Name: 3715

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 30.80484	112 15 48.79596	.557

Station Name: 3716

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 30.80335	112 15 48.58115	.557

Station Name: 3717

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 30.79586	112 15 48.39908	.557

Station Name: 3718

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 30.78940	112 15 48.19858	.557

Station Name: 3719

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 30.78483	112 15 47.97788	.557

Station Name: 3720

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 30.77431	112 15 47.76652	.557

Station Name: 3721

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 30.77240	112 15 47.62293	.557

Station Name: 3722

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 30.76853	112 15 47.49288	.557

Station Name: 3723

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 30.76364	112 15 47.33485	.557

Station Name: 3724

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 30.76025	112 15 47.18376	.557

Station Name: 3725

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 30.75911	112 15 47.17393	.557

Station Name: 3726

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 30.75622	112 15 47.13764	.557

Station Name: 3727

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 30.75636	112 15 47.09417	.557

Station Name: 3728

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 30.75079	112 15 46.95114	.557

Station Name: 3729

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 30.75175	112 15 46.90043	.557

Station Name: 3730

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 30.74803	112 15 46.84494	.557

Station Name: 3731

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 30.74727	112 15 46.81106	.556

Station Name: 3732

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 30.74208	112 15 46.72517	.556

Station Name: 3733

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 30.73957	112 15 46.58336	.556

Station Name: 3734

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 30.73969	112 15 46.56451	.556

Station Name: 3735

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 30.73646	112 15 46.44574	.556

Station Name: 3736

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 30.72948	112 15 46.22536	.556

Station Name: 3737

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 30.72546	112 15 46.03138	.556

Station Name: 3738

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 30.71446	112 15 45.81670	.556

Station Name: 3739

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 30.71187	112 15 45.63352	.556

Station Name: 3740

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 30.70518	112 15 45.46713	.556

Station Name: 3741

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 29.41603	112 15 45.07597	.556

Station Name: 3742

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 29.41896	112 15 45.16158	.556

Station Name: 3743

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 29.42096	112 15 45.24453	.556

Station Name: 3744

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 29.42434	112 15 45.33363	.556

Station Name: 3745

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 29.42764	112 15 45.52853	.556

Station Name: 3746

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 29.43269	112 15 45.74628	.556

Station Name: 3747

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 29.43284	112 15 45.80827	.556

Station Name: 3748

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 29.43851	112 15 45.95754	.557

Station Name: 3749

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 29.44364	112 15 46.14246	.557

Station Name: 3750

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 29.44544	112 15 46.38951	.557

Station Name: 3751

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 29.44833	112 15 46.55090	.557

Station Name: 3752

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 29.45005	112 15 46.65268	.557

Station Name: 3753

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 29.45070	112 15 46.68033	.557

Station Name: 3754

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 29.45550	112 15 46.74352	.557

Station Name: 3755

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 29.45634	112 15 46.89789	.557

Station Name: 3756

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 29.46080	112 15 46.97841	.557

Station Name: 3757

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 29.46395	112 15 47.00320	.557

Station Name: 3758

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 29.45874	112 15 47.09536	.557

Station Name: 3759

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 29.46605	112 15 47.20374	.557

Station Name: 3760

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 29.46442	112 15 47.31886	.557

Station Name: 3761

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 29.46962	112 15 47.44478	.557

Station Name: 3762

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 29.47482	112 15 47.66018	.557

Station Name: 3763

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 29.47857	112 15 47.85311	.557

Station Name: 3764

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 29.48115	112 15 48.10339	.557

Station Name: 3765

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 29.49008	112 15 48.33025	.557

Station Name: 3766

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 29.49536	112 15 48.57790	.557

Station Name: 3767

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 39.50492	112 15 44.02491	.556

Station Name: 3768

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 39.51241	112 15 44.06195	.556

Station Name: 3769

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 39.57213	112 15 44.26928	.556

Station Name: 3770

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 39.62318	112 15 44.44409	.556

Station Name: 3771

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 39.67306	112 15 44.62299	.556

Station Name: 3772

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 39.69089	112 15 44.68663	.556

Station Name: 3773

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 39.72682	112 15 44.80830	.556

Station Name: 3774

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 39.78712	112 15 45.00712	.556

Station Name: 3775

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 39.84022	112 15 45.20535	.556

Station Name: 3776

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 39.90010	112 15 45.41291	.556

Station Name: 3777

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 39.94417	112 15 45.55389	.556

Station Name: 3778

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 39.99311	112 15 45.73237	.556

Station Name: 3779

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 40.03465	112 15 45.88335	.556

Station Name: 3780

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 40.07075	112 15 45.99215	.556

Station Name: 3781

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 40.10047	112 15 46.10887	.556

Station Name: 3782

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 40.14818	112 15 46.27947	.556

Station Name: 3783

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 40.21465	112 15 46.50358	.556

Station Name: 3784

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 40.26381	112 15 46.67377	.556

Station Name: 3785

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 40.28110	112 15 46.73930	.556

Station Name: 3786

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 40.32833	112 15 46.88929	.556

Station Name: 3787

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 40.35372	112 15 46.98673	.556

Station Name: 3788

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 40.37117	112 15 47.04238	.556

Station Name: 3789

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 40.38536	112 15 47.10646	.556

Station Name: 3790

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 40.43308	112 15 47.25929	.556

Station Name: 3791

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 40.44737	112 15 47.31856	.556

Station Name: 3792

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 40.49987	112 15 47.49185	.556

Station Name: 3793

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 48.06711	112 15 40.16904	.555

Station Name: 3794

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 48.16799	112 15 40.35658	.555

Station Name: 3795

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 48.26424	112 15 40.53417	.555

Station Name: 3796

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 48.35462	112 15 40.69388	.555

Station Name: 3797

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 48.43030	112 15 40.83740	.555

Station Name: 3798

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 48.50335	112 15 40.97800	.555

Station Name: 3799

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 48.52745	112 15 41.01531	.555

Station Name: 3800

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 48.54609	112 15 41.05245	.555

Station Name: 3801

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 48.59378	112 15 41.14539	.555

Station Name: 3802

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 48.66145	112 15 41.26362	.555

Station Name: 3803

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 48.68441	112 15 41.30745	.555

Station Name: 3804

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 48.70372	112 15 41.34544	.555

Station Name: 3805

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 48.73090	112 15 41.38784	.555

Station Name: 3806

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 48.76329	112 15 41.45373	.555

Station Name: 3807

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 48.86613	112 15 41.64383	.555

Station Name: 3808

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 48.97371	112 15 41.84404	.555

Station Name: 3809

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 49.09355	112 15 42.05798	.555

Station Name: 3810

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 49.18074	112 15 42.22348	.555

Station Name: 3811

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 49.27236	112 15 42.39320	.555

Station Name: 3812

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 49.38123	112 15 42.59792	.555

Station Name: 3813

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 49.47573	112 15 42.76833	.555

Station Name: 3814

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 49.54928	112 15 42.90630	.555

Station Name: 3815

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 49.66322	112 15 43.11167	.555

Station Name: 3816

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 49.69892	112 15 43.17529	.555

Station Name: 3817

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 49.72891	112 15 43.24192	.555

Station Name: 3818

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 49.79934	112 15 43.36185	.555

Station Name: 3819

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 49.84849	112 15 43.45763	.555

Station Name: 3820

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 35 49.86233	112 15 43.48114	.555

Station Name: 3821

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 19.87377	112 14 16.06586	.551

Station Name: 3822

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 19.89645	112 14 16.09973	.551

Station Name: 3823

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 20.02118	112 14 16.23611	.551

Station Name: 3824

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 20.14889	112 14 16.36812	.551

Station Name: 3825

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 20.24158	112 14 16.48010	.551

Station Name: 3826

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 20.28703	112 14 16.52499	.551

Station Name: 3827

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 20.33929	112 14 16.58806	.551

Station Name: 3828

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 20.41126	112 14 16.66524	.551

Station Name: 3829

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 20.47834	112 14 16.73399	.551

Station Name: 3830

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 20.58175	112 14 16.85743	.551

Station Name: 3831

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 20.60531	112 14 16.87932	.551

Station Name: 3832

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 20.63886	112 14 16.91871	.551

Station Name: 3833

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 20.68694	112 14 16.97059	.551

Station Name: 3834

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 20.75967	112 14 17.05168	.551

Station Name: 3835

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 20.78707	112 14 17.07597	.551

Station Name: 3836

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 20.85766	112 14 17.15348	.551

Station Name: 3837

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 20.94594	112 14 17.25317	.551

Station Name: 3838

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 21.04654	112 14 17.36187	.551

Station Name: 3839

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 21.13123	112 14 17.46548	.551

Station Name: 3840

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 21.26120	112 14 17.61006	.551

Station Name: 3841

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 21.27702	112 14 17.63048	.551

Station Name: 3842

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 21.32820	112 14 17.68329	.551

Station Name: 3843

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 21.35709	112 14 17.71098	.551

Station Name: 3844

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 21.39186	112 14 17.74199	.551

Station Name: 3845

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 21.44042	112 14 17.80552	.551

Station Name: 3846

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 21.49043	112 14 17.86385	.551

Station Name: 3847

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 21.55246	112 14 17.92568	.551

Station Name: 3848

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 21.60095	112 14 17.97966	.551

Station Name: 3849

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 21.61390	112 14 17.99764	.551

Station Name: 3850

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 21.65379	112 14 18.04482	.551

Station Name: 3851

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 21.70631	112 14 18.09393	.551

Station Name: 3852

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 21.73566	112 14 18.13813	.551

Station Name: 3853

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 21.78237	112 14 18.17891	.551

Station Name: 3854

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 21.83674	112 14 18.24370	.551

Station Name: 3855

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 21.85643	112 14 18.26580	.551

Station Name: 3856

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 21.92705	112 14 18.34331	.551

Station Name: 3857

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 21.97225	112 14 18.39913	.551

Station Name: 3858

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 22.07296	112 14 18.51060	.551

Station Name: 3859

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 22.30758	112 14 18.26483	.551

Station Name: 3860

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 22.26557	112 14 18.23974	.551

Station Name: 3861

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 22.14491	112 14 18.10294	.551

Station Name: 3862

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 22.00343	112 14 17.94374	.551

Station Name: 3863

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 21.86299	112 14 17.78954	.551

Station Name: 3864

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 21.70952	112 14 17.61995	.551

Station Name: 3865

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 21.56436	112 14 17.45907	.551

Station Name: 3866

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 21.41898	112 14 17.29800	.551

Station Name: 3867

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 21.27732	112 14 17.13917	.551

Station Name: 3868

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 21.13143	112 14 16.97532	.551

Station Name: 3869

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 20.98646	112 14 16.81709	.551

Station Name: 3870

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 20.84165	112 14 16.65834	.551

Station Name: 3871

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 20.69566	112 14 16.49808	.551

Station Name: 3872

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 20.55043	112 14 16.33207	.551

Station Name: 3873

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 20.40686	112 14 16.17265	.551

Station Name: 3874

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 20.25741	112 14 16.01416	.551

Station Name: 3875

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 20.14203	112 14 15.88342	.551

Station Name: 3876

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 20.08056	112 14 15.81406	.551

Station Name: 3877

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 20.06346	112 14 15.79892	.551

Station Name: 3878

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 26.70677	112 14 12.57970	.551

Station Name: 3879

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 26.61524	112 14 12.49650	.551

Station Name: 3880

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 26.48602	112 14 12.39007	.551

Station Name: 3881

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 26.34392	112 14 12.26641	.551

Station Name: 3882

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 26.22138	112 14 12.16518	.551

Station Name: 3883

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 26.15586	112 14 12.10517	.551

Station Name: 3884

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 26.07257	112 14 12.03338	.551

Station Name: 3885

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 26.00432	112 14 11.97227	.551

Station Name: 3886

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 25.96374	112 14 11.94013	.551

Station Name: 3887

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 25.87845	112 14 11.86707	.551

Station Name: 3888

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 25.78775	112 14 11.78795	.551

Station Name: 3889

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 25.70838	112 14 11.71862	.551

Station Name: 3890

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 25.63823	112 14 11.66027	.551

Station Name: 3891

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 25.54043	112 14 11.57322	.551

Station Name: 3892

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 25.50412	112 14 11.54931	.551

Station Name: 3893

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 25.46203	112 14 11.51013	.551

Station Name: 3894

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 25.39236	112 14 11.44665	.551

Station Name: 3895

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 25.36044	112 14 11.41888	.551

Station Name: 3896

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 25.26891	112 14 11.34541	.551

Station Name: 3897

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 25.21920	112 14 11.30429	.551

Station Name: 3898

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 25.14059	112 14 11.23296	.551

Station Name: 3899

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 25.06320	112 14 11.16194	.551

Station Name: 3900

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 24.99162	112 14 11.10633	.551

Station Name: 3901

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 24.95408	112 14 11.05864	.551

Station Name: 3902

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 23.68862	112 14 9.98355	.551

Station Name: 3903

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 23.80700	112 14 10.08419	.551

Station Name: 3904

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 23.91383	112 14 10.17790	.551

Station Name: 3905

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 23.97360	112 14 10.22824	.551

Station Name: 3906

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 24.05012	112 14 10.29405	.551

Station Name: 3907

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 24.09030	112 14 10.33029	.551

Station Name: 3908

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 24.12813	112 14 10.36059	.551

Station Name: 3909

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 24.20052	112 14 10.42172	.551

Station Name: 3910

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 24.32849	112 14 10.48611	.551

Station Name: 3911

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 24.40833	112 14 10.55263	.551

Station Name: 3912

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 24.46851	112 14 10.60501	.551

Station Name: 3913

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 3.32314	112 14 33.84012	.551

Station Name: 3914

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 3.39600	112 14 33.90654	.551

Station Name: 3915

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 3.41858	112 14 33.92852	.551

Station Name: 3916

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 3.54672	112 14 34.06032	.551

Station Name: 3917

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 3.59188	112 14 34.10035	.551

Station Name: 3918

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 3.73936	112 14 34.23566	.551

Station Name: 3919

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 3.84874	112 14 34.35253	.551

Station Name: 3920

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 3.96929	112 14 34.46660	.551

Station Name: 3921

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 4.11590	112 14 34.61145	.551

Station Name: 3922

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 4.19533	112 14 34.69562	.551

Station Name: 3923

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 4.25264	112 14 34.74640	.551

Station Name: 3924

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 4.38894	112 14 34.88260	.551

Station Name: 3925

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 4.50652	112 14 34.98680	.551

Station Name: 3926

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 4.62549	112 14 35.10498	.551

Station Name: 3927

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 4.68558	112 14 35.17434	.551

Station Name: 3928

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 4.82244	112 14 35.29748	.551

Station Name: 3929

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 4.91305	112 14 35.38787	.551

Station Name: 3930

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 5.00528	112 14 35.48247	.551

Station Name: 3931

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 5.08974	112 14 35.56247	.551

Station Name: 3932

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 5.16702	112 14 35.62858	.551

Station Name: 3933

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 5.53043	112 14 35.23134	.551

Station Name: 3934

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 5.47180	112 14 35.17603	.551

Station Name: 3935

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 5.33480	112 14 35.03774	.551

Station Name: 3936

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 5.18583	112 14 34.89363	.551

Station Name: 3937

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 5.04691	112 14 34.75759	.551

Station Name: 3938

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 4.90328	112 14 34.61742	.551

Station Name: 3939

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 4.76384	112 14 34.48230	.551

Station Name: 3940

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 4.62246	112 14 34.34160	.551

Station Name: 3941

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 4.60567	112 14 34.32678	.551

Station Name: 3942

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 4.54622	112 14 34.26949	.551

Station Name: 3943

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 4.53639	112 14 34.26041	.551

Station Name: 3944

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 4.52747	112 14 34.25359	.551

Station Name: 3945

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 4.37728	112 14 34.10552	.551

Station Name: 3946

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 4.22600	112 14 33.95595	.551

Station Name: 3947

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 4.07690	112 14 33.81104	.551

Station Name: 3948

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 3.91791	112 14 33.65514	.551

Station Name: 3949

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 3.75639	112 14 33.49561	.551

Station Name: 3950

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 3.65999	112 14 33.40538	.551

Station Name: 3951

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 3.62192	112 14 33.36163	.551

Station Name: 3952

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 4.32852	112 14 31.92039	.551

Station Name: 3953

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 4.48517	112 14 32.07502	.551

Station Name: 3954

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 4.63346	112 14 32.21933	.551

Station Name: 3955

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 4.76372	112 14 32.34248	.551

Station Name: 3956

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 4.91704	112 14 32.49428	.551

Station Name: 3957

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 5.07700	112 14 32.64573	.551

Station Name: 3958

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 5.22517	112 14 32.79058	.551

Station Name: 3959

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 5.37660	112 14 32.93747	.551

Station Name: 3960

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 5.52792	112 14 33.08223	.551

Station Name: 3961

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 5.68018	112 14 33.23144	.551

Station Name: 3962

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 5.84126	112 14 33.38599	.551

Station Name: 3963

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 5.99176	112 14 33.53138	.551

Station Name: 3964

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 6.14683	112 14 33.68099	.551

Station Name: 3965

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 6.29941	112 14 33.82962	.551

Station Name: 3966

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 6.42924	112 14 33.95580	.551

Station Name: 3967

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 6.47361	112 14 33.99910	.551

Station Name: 3968

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 13.55504	112 14 32.08877	.551

Station Name: 3969

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 13.55188	112 14 31.87727	.551

Station Name: 3970

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 13.54860	112 14 31.63387	.551

Station Name: 3971

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 13.54443	112 14 31.47484	.551

Station Name: 3972

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 13.54095	112 14 31.39472	.551

Station Name: 3973

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 13.54232	112 14 31.23151	.551

Station Name: 3974

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 13.53888	112 14 31.06564	.551

Station Name: 3975

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 13.53328	112 14 30.98482	.551

Station Name: 3976

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 13.53613	112 14 30.85875	.551

Station Name: 3977

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 13.53648	112 14 30.78461	.551

Station Name: 3978

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 13.53336	112 14 30.64393	.551

Station Name: 3979

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 13.53017	112 14 30.44140	.551

Station Name: 3980

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 13.52748	112 14 30.24324	.551

Station Name: 3981

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 13.52494	112 14 30.03444	.551

Station Name: 3982

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 13.52298	112 14 29.79137	.551

Station Name: 3983

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 13.51841	112 14 29.55854	.551

Station Name: 3984

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 13.51508	112 14 29.30593	.551

Station Name: 3985

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 13.51388	112 14 29.10783	.551

Station Name: 3986

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 13.50933	112 14 28.95908	.551

Station Name: 3987

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 13.51073	112 14 28.85164	.551

Station Name: 3988

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 13.50523	112 14 28.73615	.551

Station Name: 3989

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 13.50566	112 14 28.67811	.551

Station Name: 3990

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 13.50739	112 14 28.60709	.551

Station Name: 3991

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 23.52129	112 14 32.01020	.551

Station Name: 3992

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 23.51955	112 14 31.93684	.551

Station Name: 3993

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 23.51538	112 14 31.76866	.551

Station Name: 3994

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 23.50952	112 14 31.55061	.551

Station Name: 3995

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 23.50614	112 14 31.35168	.551

Station Name: 3996

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 23.50471	112 14 31.24577	.551

Station Name: 3997

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 23.50003	112 14 31.08890	.551

Station Name: 3998

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 23.49784	112 14 31.00434	.551

Station Name: 3999

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 23.49547	112 14 30.88614	.551

Station Name: 4000

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 23.49723	112 14 30.83556	.551

Station Name: 4001

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 23.49308	112 14 30.79048	.551

Station Name: 4002

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 23.49240	112 14 30.75040	.551

Station Name: 4003

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 23.49327	112 14 30.61611	.551

Station Name: 4004

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 23.48960	112 14 30.54572	.551

Station Name: 4005

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 23.48587	112 14 30.43959	.551

Station Name: 4006

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 23.48081	112 14 30.24957	.551

Station Name: 4007

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 23.48038	112 14 30.13182	.551

Station Name: 4008

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 23.47625	112 14 30.00354	.551

Station Name: 4009

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 23.47185	112 14 29.78610	.551

Station Name: 4010

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 23.46829	112 14 29.57868	.551

Station Name: 4011

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 23.46463	112 14 29.39618	.551

Station Name: 4012

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 23.45764	112 14 29.24287	.551

Station Name: 4013

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 23.45738	112 14 29.16826	.551

Station Name: 4014

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 23.45406	112 14 29.03232	.551

Station Name: 4015

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 23.44994	112 14 28.88734	.551

Station Name: 4016

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 23.44808	112 14 28.76067	.551

Station Name: 4017

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 23.44580	112 14 28.63620	.551

Station Name: 4018

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 23.44273	112 14 28.52358	.551

Station Name: 4019

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 9.88755	112 14 25.66555	.551

Station Name: 4020

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 9.91147	112 14 25.68913	.551

Station Name: 4021

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 9.94589	112 14 25.72546	.551

Station Name: 4022

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 10.00421	112 14 25.78290	.551

Station Name: 4023

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 10.09832	112 14 25.86889	.551

Station Name: 4024

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 10.17729	112 14 25.95228	.551

Station Name: 4025

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 10.26319	112 14 26.03307	.551

Station Name: 4026

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 10.39331	112 14 26.15999	.551

Station Name: 4027

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 10.50442	112 14 26.27357	.551

Station Name: 4028

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 10.64640	112 14 26.40756	.551

Station Name: 4029

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 10.73992	112 14 26.49304	.551

Station Name: 4030

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 10.86252	112 14 26.61151	.551

Station Name: 4031

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 10.99245	112 14 26.73775	.551

Station Name: 4032

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 11.07242	112 14 26.81263	.551

Station Name: 4033

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 11.12529	112 14 26.87069	.551

Station Name: 4034

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 11.17058	112 14 26.91261	.551

Station Name: 4035

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 11.21265	112 14 26.95046	.551

Station Name: 4036

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 11.27652	112 14 27.00749	.551

Station Name: 4037

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 11.38427	112 14 27.11240	.551

Station Name: 4038

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 11.50912	112 14 27.23795	.551

Station Name: 4039

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 11.54104	112 14 27.27132	.551

Station Name: 4040

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 11.61162	112 14 27.33667	.551

Station Name: 4041

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 11.69751	112 14 27.41836	.551

Station Name: 4042

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 11.80940	112 14 27.53017	.551

Station Name: 4043

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 11.94957	112 14 27.66758	.551

Station Name: 4044

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 12.06262	112 14 27.77271	.551

Station Name: 4045

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 37 12.15990	112 14 27.86621	.551

Technical Data Notebook
For the
Land Subsidence Evaluation of the Upper Agua Fria Levees
FCD Contract No. 99-067, Assignment 1
Portions of Tasks 3, 4 and 5
(Indian School Road to Northern Avenue)

Surveyed By;
SurvNet, Inc.
150 N. Stapley #105
Mesa, AZ 85203
(480)835-9070

Provided for:
Premier Engineering Corporation
1600 W. Broadway Rd. #165
Tempe, AZ 85282
(480)829-6000

10/7/00

Registered Land Surveyor
CERTIFICATE NO.
28724
MATTHEW A
GRAHAM
Signed.....
ARIZONA, U.S.A.

SC V07 Copyright Trimble Navigation Ltd, 1996.
Serial no 9 01-Oct-00 09:03
Angle Degrees Dist Feet Press inch Hg
Temp Fahrenheit Coord N-E-Elv H.obs Right

JOB Job ID 4004ph2
Atmos crn No C and R crn Yes Refrac cnst 0.20
Elev Yes Sea level crn No

PROJ TM Transverse Mercator
Orig Lat 31°00'00"N Orig Nrth 0.000
Orig Lng 111°55'00"W Orig East 700000.000
Orig Hgt 0.000 Orig Elev 0.000
Orient 1 0°00'00" Orient 2 0°00'00"
Scale 0.9999

LOCELL TM Local Rad 20925646.325 Flat. 298.2572215381

DATUM TM Molodensky
Srce Rad 20925646.325 Srce Flat 298.257223563
Rotn X 0°00'00" Rotn Y 0°00'00"
Rotn Z 0°00'00" Trans X 0.000
Trans Y 0.000 Trans Z 0.000
Scale 0

GPSANT KI Antenna ht 0.000 Measuremt True

ORIENTATIONNMAzmth From North Dir North and East

HGTADJ TM Geoid model + plane
Orig Nrth 878429.839 Slope N 0
Orig East 559394.226 Slope E 0
Hgt Const 0.135
Geoid geoid99

NOTE NM 4004ph2

GRDPOS KI Point ID BAS1 Nrth 894110.063 East 573558.368
Class Normal Elv 987.915 Code <no text>
Mthd User Input

GRDPOS KI Point ID BAS2 Nrth 912547.158 East 582390.448
Class Normal Elv 1032.144 Code <no text>
Mthd User Input

GRDPOS KI Point ID BAS3 Nrth 941481.423 East 594595.629
Class Normal Elv 1130.594 Code <no text>
Mthd User Input

GRDPOS KI Point ID BED1 Nrth 928264.060 East 517921.993
Class Normal Elv 1516.960 Code <no text>
Mthd User Input

GRDPOS KI Point ID E475 Nrth 979343.979 East 613661.958
Class Normal Elv 1364.187 Code <no text>
Mthd User Input

GRDPOS KI Point ID LITC Nrth 917127.275 East 564284.523
Class Normal Elv 1121.263 Code <no text>
Mthd User Input

GRDPOS KI Point ID LITE Nrth 882467.391 East 578528.514
Class Normal Elv 983.237 Code <no text>
Mthd User Input

GRDPOS KI Point ID NORT Nrth 928515.556 East 596852.569
Class Normal Elv 1097.972 Code <no text>
Mthd User Input

GRDPOS KI Point ID Q366 Nrth 991733.774 East 569967.026
Class Normal Elv 1392.562 Code <no text>
Mthd User Input

GRDPOS KI Point ID WW55 Nrth 878429.838 East 559394.227
Class Normal Elv 933.650 Code <no text>
Mthd User Input

ORIENTATIONNMAzmth From North Dir North and East

F FILE FC File Used No
ID 00000 Name

PLANE KI Orig Nrth <null> Orig East <null>
Trans N <null> Trans E <null>
Rotation <null> Scale <null>

SURVEY KI Elev mask 10 PDOP mask 6.0

```
EQUIP  BA Receiver 4800          Serial no 20141803
       Antenna  4800 Internal
       Method   Reading from hook using 4800 tape
       Tape adj 0.000           Serial no <no text>
       Radius   0.358           V.Const  0.104

SURVEY EVENTKISurvey event Base survey started

NOTE   TS Time Date 05/31/2000 Time 16:35:56

EQUIP  BA Receiver 4800          Serial no 20141803
       Antenna  4800 Internal
       Method   Reading from hook using 4800 tape
       Tape adj 0.000           Serial no <no text>
       Radius   0.358           V.Const  0.104

GPSANT KI Antenna ht 5.292       Measuremt Uncorrected

EQUIP  BA Receiver 4800          Serial no 20141803
       Antenna  4800 Internal
       Method   Reading from hook using 4800 tape
       Tape adj 0.000           Serial no <no text>
       Radius   0.358           V.Const  0.104

GPSANT KI Antenna ht 5.292       Measuremt Uncorrected

EQUIP  BA Receiver 4800          Serial no 20141803
       Antenna  4800 Internal
       Method   Reading from hook using 4800 tape
       Tape adj 0.000           Serial no <no text>
       Radius   0.358           V.Const  0.104

GPSANT KI Antenna ht 5.292       Measuremt Uncorrected

GPSREF KI Reference BAS2

EQUIP  NM Receiver 4800          Serial no 20152374
       Antenna  4800 Internal
       Method   Measured to bottom of antenna mount
       Tape adj 0.000           Serial no <no text>
       Radius   0.000           V.Const  0.511

SURVEY EVENTKISurvey event Rover survey started

NOTE   TS Time Date 05/31/2000 Time 16:36:10
```

SURVEY KI Elev mask 10 PDOP mask 6.0

EQUIP NM Receiver 4800 Serial no 20152374
Antenna 4800 Internal
Method Measured to bottom of antenna mount
Tape adj 0.000 Serial no <no text>
Radius 0.000 V.Const 0.511

SURVEY EVENTKISurvey event Rover survey started

NOTE TS Time Date 05/31/2000 Time 16:36:51

GPSANT KI Antenna ht 0.000 Measuremt True

GPSPOS SI Point ID BAS2 Lat 33°30'28.47746"N Lng 112°18'09.05876"W
Class Check Hgt 932.621 Code <no text>
Mthd User Input H.pr <null> V.pr <null>

GPSANT KI Antenna ht 5.384 Measuremt True

GPSREF KI Reference BAS2

INIT KI Init event Gained Week 1064
Init type On the fly seconds 319026.0
Init counter 1 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Lost Week 1064
Init type On the fly seconds 319036.0
Init counter 1 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1064
Init type On the fly seconds 319685.0
Init counter 2 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

EQUIP NM Receiver 4800 Serial no 20152374
Antenna 4800 Internal
Method Measured to bottom of antenna mount
Tape adj 0.000 Serial no <no text>
Radius 0.000 V.Const 0.511

GPSANT KI Antenna ht 5.906 Measuremt Uncorrected

GPSVEC TP Point ID 101 DX 19.154 DY -3161.497
Class Normal DZ -4430.171 Code ERM 15
Mthd Phase Diff. H.pr 0.024 V.pr 0.038

GPSQC1 NM Min SVs 7 PDOP max 0.7
Total GPS pos 8 HDOP max 0.4
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1064 sec 319725.0 End wk 1064 sec 319732.0

INIT KI Init event Lost(RMS) Week 1064
Init type On the fly seconds 319740.0
Init counter 2 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1064
Init type On the fly seconds 319766.0
Init counter 3 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 102 DX 19.154 DY -3161.505
Class Normal DZ -4430.174 Code ERM 15
Mthd Phase Diff. H.pr 0.027 V.pr 0.043

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 6 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1064 sec 319771.0 End wk 1064 sec 319776.0

INIT KI Init event Lost Week 1064
Init type On the fly seconds 319815.0
Init counter 3 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1064
Init type On the fly seconds 319997.0
Init counter 4 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 103 DX -2300.717 DY -2272.053
Class Normal DZ -4522.283 Code ERM 14
Mthd Phase Diff. H.pr 0.023 V.pr 0.036

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 5 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1064 sec 320115.0 End wk 1064 sec 320119.0

INIT KI Init event Lost Week 1064
Init type On the fly seconds 320125.0
Init counter 4 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1064
Init type On the fly seconds 320149.0
Init counter 5 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 104 DX -2300.713 DY -2272.076
Class Normal DZ -4522.287 Code ERM 14
Mthd Phase Diff. H.pr 0.020 V.pr 0.031

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1064 sec 320160.0 End wk 1064 sec 320163.0

INIT KI Init event Lost Week 1064
Init type On the fly seconds 320229.0
Init counter 5 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1064
Init type On the fly seconds 320683.0
Init counter 6 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 105 DX -3639.775 DY 1405.385
Class Normal DZ -128.024 Code ERM 17
Mthd Phase Diff. H.pr 0.024 V.pr 0.036

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 5 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1064 sec 320699.0 End wk 1064 sec 320703.0

INIT KI Init event Lost Week 1064
Init type On the fly seconds 320713.0
Init counter 6 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1064
Init type On the fly seconds 320736.0
Init counter 7 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

NOTE TS Time Date 05/31/2000 Time 17:05:32

GPSVEC TP Point ID 106 DX -3639.772 DY 1405.394
Class Normal DZ -128.037 Code ERM 17
Mthd Phase Diff. H.pr 0.022 V.pr 0.034

GPSQC1 NM Min SVs 7 PDOP max 0.7
Total GPS pos 5 HDOP max 0.4
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1064 sec 320741.0 End wk 1064 sec 320745.0

INIT KI Init event Lost Week 1064
Init type On the fly seconds 320765.0
Init counter 7 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1064
Init type On the fly seconds 321004.0
Init counter 8 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

```
GPSVEC  TP  Point ID 107        DX  -4955.460        DY  5095.434
        Class Normal        DZ  4289.734        Code ERM 19
        Mthd Phase Diff.    H.pr 0.029          V.pr 0.042

GPSQC1  NM  Min SVs      6              PDOP max  1.1
        Total GPS pos  3             HDOP max  0.6
        Monitor status Yes           VDOP max  0.9
        Horizontal SD  0.000          Vert SD   0.000
        Start wk 1064 sec 321030.0       End wk 1064   sec 321033.0

INIT    KI  Init event    Lost            Week        1064
        Init type     On the fly        seconds      321042.0
        Init counter  8                 Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

INIT    KI  Init event    Gained          Week        1064
        Init type     On the fly        seconds      321066.0
        Init counter  9                 Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

GPSVEC  TP  Point ID 108        DX  -4955.470        DY  5095.427
        Class Normal        DZ  4289.719        Code ERM 19
        Mthd Phase Diff.    H.pr 0.024          V.pr 0.035

GPSQC1  NM  Min SVs      6              PDOP max  1.0
        Total GPS pos  6             HDOP max  0.5
        Monitor status Yes           VDOP max  0.8
        Horizontal SD  0.000          Vert SD   0.000
        Start wk 1064 sec 321078.0       End wk 1064   sec 321083.0

INIT    KI  Init event    Lost            Week        1064
        Init type     On the fly        seconds      321097.0
        Init counter  9                 Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

NOTE    TS  Time Date 05/31/2000 Time 17:46:55

INIT    KI  Init event    Gained          Week        1064
        Init type     On the fly        seconds      323228.0
        Init counter  10                Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>
```

```
INIT   KI  Init event   Lost(RMS)       Week        1064
        Init type    On the fly       seconds     323385.0
        Init counter  10              Point ID    <no text>
        Survey type   Real Time        Plate H. Dist <null>
        Plate V. Dist <null>          Plate azimuth <null>

INIT   KI  Init event   Gained         Week        1064
        Init type    On the fly       seconds     323406.0
        Init counter  11              Point ID    <no text>
        Survey type   Real Time        Plate H. Dist <null>
        Plate V. Dist <null>          Plate azimuth <null>

INIT   KI  Init event   Lost           Week        1064
        Init type    On the fly       seconds     323483.0
        Init counter  11              Point ID    <no text>
        Survey type   Real Time        Plate H. Dist <null>
        Plate V. Dist <null>          Plate azimuth <null>

INIT   KI  Init event   Gained         Week        1064
        Init type    On the fly       seconds     323674.0
        Init counter  12              Point ID    <no text>
        Survey type   Real Time        Plate H. Dist <null>
        Plate V. Dist <null>          Plate azimuth <null>

GPSVEC  TP  Point ID 109       DX  10697.225       DY  1918.780
        Class Normal        DZ  8873.268        Code RM 30
        Mthd Phase Diff.    H.pr 0.021          V.pr 0.037

GPSQC1  NM  Min SVs      6            PDOP max  1.1
        Total GPS pos  6            HDOP max  0.6
        Monitor status Yes          VDOP max  1.0
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1064 sec 323678.0      End wk 1064   sec 323683.0

INIT   KI  Init event   Lost           Week        1064
        Init type    On the fly       seconds     323687.0
        Init counter  12              Point ID    <no text>
        Survey type   Real Time        Plate H. Dist <null>
        Plate V. Dist <null>          Plate azimuth <null>

INIT   KI  Init event   Gained         Week        1064
        Init type    On the fly       seconds     323846.0
        Init counter  13              Point ID    <no text>
        Survey type   Real Time        Plate H. Dist <null>
        Plate V. Dist <null>          Plate azimuth <null>
```

GPSVEC TP Point ID 110 DX 10697.234 DY 1918.790
Class Normal DZ 8873.208 Code RM 30
Mthd Phase Diff. H.pr 0.025 V.pr 0.044

GPSQC1 NM Min SVs 6 PDOP max 0.9
Total GPS pos 10 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1064 sec 323851.0 End wk 1064 sec 323860.0

INIT KI Init event Lost Week 1064
Init type On the fly seconds 323874.0
Init counter 13 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1064
Init type On the fly seconds 323902.0
Init counter 14 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 111 DX 10697.262 DY 1918.840
Class Normal DZ 8873.173 Code RM 30
Mthd Phase Diff. H.pr 0.026 V.pr 0.047

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 9 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1064 sec 323907.0 End wk 1064 sec 323915.0

INIT KI Init event Lost Week 1064
Init type On the fly seconds 323931.0
Init counter 14 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1064
Init type On the fly seconds 323979.0
Init counter 15 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 112 DX 10697.251 DY 1918.785
Class Normal DZ 8873.199 Code RM 30
Mthd Phase Diff. H.pr 0.025 V.pr 0.045

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 9 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1064 sec 323985.0 End wk 1064 sec 323994.0

INIT KI Init event Lost Week 1064
Init type On the fly seconds 324022.0
Init counter 15 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1064
Init type On the fly seconds 324347.0
Init counter 16 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 113 DX 4510.994 DY 4315.608
Class Normal DZ 8675.311 Code RM 25
Mthd Phase Diff. H.pr 0.022 V.pr 0.041

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 7 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1064 sec 324401.0 End wk 1064 sec 324407.0

INIT KI Init event Lost Week 1064
Init type On the fly seconds 324412.0
Init counter 16 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1064
Init type On the fly seconds 324441.0
Init counter 17 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

```
GPSVEC  TP  Point ID 114        DX   4511.008        DY   4315.622
        Class Normal        DZ   8675.306        Code RM 25
        Mthd Phase Diff.    H.pr 0.024          V.pr 0.045

GPSQC1  NM  Min SVs       6             PDOP max  1.3
        Total GPS pos  5             HDOP max  0.6
        Monitor status Yes           VDOP max  1.1
        Horizontal SD  0.000          Vert SD   0.000
        Start wk 1064 sec 324446.0       End wk 1064   sec 324450.0

INIT    KI  Init event    Lost            Week        1064
        Init type     On the fly       seconds      324486.0
        Init counter  17               Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

NOTE    TS  Time Date 05/31/2000 Time 18:17:47

INIT    KI  Init event    Gained          Week        1064
        Init type     On the fly       seconds      325081.0
        Init counter  18               Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

GPSVEC  TP  Point ID 115        DX   1109.360        DY   -477.917
        Class Normal        DZ   -25.088        Code RM 18
        Mthd Phase Diff.    H.pr 0.019          V.pr 0.038

GPSQC1  NM  Min SVs       6             PDOP max  1.1
        Total GPS pos  7             HDOP max  0.5
        Monitor status Yes           VDOP max  1.0
        Horizontal SD  0.000          Vert SD   0.000
        Start wk 1064 sec 325103.0       End wk 1064   sec 325109.0

INIT    KI  Init event    Lost            Week        1064
        Init type     On the fly       seconds      325114.0
        Init counter  18               Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

INIT    KI  Init event    Gained          Week        1064
        Init type     On the fly       seconds      325139.0
        Init counter  19               Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>
```

GPSVEC TP Point ID 116 DX 1109.319 DY -477.880
Class Normal DZ -25.141 Code RM 18
Mthd Phase Diff. H.pr 0.024 V.pr 0.047

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 8 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1064 sec 325143.0 End wk 1064 sec 325150.0

INIT KI Init event Lost Week 1064
Init type On the fly seconds 325165.0
Init counter 19 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1064
Init type On the fly seconds 325190.0
Init counter 20 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 117 DX 1109.379 DY -477.919
Class Normal DZ -25.140 Code RM 18
Mthd Phase Diff. H.pr 0.019 V.pr 0.038

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1064 sec 325197.0 End wk 1064 sec 325202.0

INIT KI Init event Lost Week 1064
Init type On the fly seconds 325227.0
Init counter 20 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1064
Init type On the fly seconds 325762.0
Init counter 21 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

```
INIT   KI  Init event   Lost(RMS)        Week        1064
       Init type    On the fly        seconds      325769.0
       Init counter  21               Point ID     <no text>
       Survey type   Real Time          Plate H. Dist <null>
       Plate V. Dist <null>            Plate azimuth <null>

INIT   KI  Init event   Gained          Week        1064
       Init type    On the fly        seconds      325820.0
       Init counter  22               Point ID     <no text>
       Survey type   Real Time          Plate H. Dist <null>
       Plate V. Dist <null>            Plate azimuth <null>

GPSVEC  TP  Point ID 118       DX  4104.037        DY  -54.449
       Class Normal        DZ  2282.234        Code RM 2
       Mthd Phase Diff.    H.pr 0.023          V.pr 0.048

GPSQC1  NM  Min SVs       6              PDOP max  1.1
       Total GPS pos  5              HDOP max  0.5
       Monitor status Yes            VDOP max  1.0
       Horizontal SD  0.000           Vert SD   0.000
       Start wk 1064 sec 325827.0       End wk 1064   sec 325833.0

INIT   KI  Init event   Lost            Week        1064
       Init type    On the fly        seconds      325837.0
       Init counter  22               Point ID     <no text>
       Survey type   Real Time          Plate H. Dist <null>
       Plate V. Dist <null>            Plate azimuth <null>

INIT   KI  Init event   Gained          Week        1064
       Init type    On the fly        seconds      325866.0
       Init counter  23               Point ID     <no text>
       Survey type   Real Time          Plate H. Dist <null>
       Plate V. Dist <null>            Plate azimuth <null>

GPSVEC  TP  Point ID 119       DX  4104.043        DY  -54.441
       Class Normal        DZ  2282.238        Code RM 2
       Mthd Phase Diff.    H.pr 0.021          V.pr 0.044

GPSQC1  NM  Min SVs       6              PDOP max  0.9
       Total GPS pos  9              HDOP max  0.4
       Monitor status Yes            VDOP max  0.8
       Horizontal SD  0.000           Vert SD   0.000
       Start wk 1064 sec 325872.0       End wk 1064   sec 325881.0
```

```
INIT   KI  Init event   Lost            Week        1064
        Init type    On the fly       seconds      325903.0
        Init counter  23              Point ID     <no text>
        Survey type   Real Time         Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

INIT   KI  Init event   Gained          Week        1064
        Init type    On the fly       seconds      326350.0
        Init counter  24              Point ID     <no text>
        Survey type   Real Time         Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

GPSVEC  TP  Point ID 120        DX  -1225.031        DY  401.147
        Class Normal        DZ  -124.764        Code RM 10
        Mthd Phase Diff.    H.pr 0.016          V.pr 0.034

GPSQC1  NM  Min SVs       6              PDOP max  1.3
        Total GPS pos  5              HDOP max  0.5
        Monitor status Yes            VDOP max  1.1
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1064 sec 326372.0       End wk 1064   sec 326376.0

INIT   KI  Init event   Lost            Week        1064
        Init type    On the fly       seconds      326384.0
        Init counter  24              Point ID     <no text>
        Survey type   Real Time         Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

INIT   KI  Init event   Gained          Week        1064
        Init type    On the fly       seconds      326410.0
        Init counter  25              Point ID     <no text>
        Survey type   Real Time         Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

GPSVEC  TP  Point ID 121        DX  -1225.025        DY  401.172
        Class Normal        DZ  -124.780        Code RM 10
        Mthd Phase Diff.    H.pr 0.020          V.pr 0.042

GPSQC1  NM  Min SVs       6              PDOP max  1.1
        Total GPS pos  7              HDOP max  0.5
        Monitor status Yes            VDOP max  1.0
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1064 sec 326414.0       End wk 1064   sec 326420.0
```

```
INIT   KI  Init event   Lost            Week        1064
       Init type    On the fly        seconds     326440.0
       Init counter  25               Point ID    <no text>
       Survey type   Real Time          Plate H. Dist <null>
       Plate V. Dist <null>            Plate azimuth <null>

INIT   KI  Init event   Gained          Week        1064
       Init type    On the fly        seconds     326464.0
       Init counter  26               Point ID    <no text>
       Survey type   Real Time          Plate H. Dist <null>
       Plate V. Dist <null>            Plate azimuth <null>

GPSVEC  TP  Point ID 122       DX  -1225.025       DY  401.164
       Class Normal        DZ  -124.779        Code RM 10
       Mthd Phase Diff.    H.pr 0.021          V.pr 0.044

GPSQC1  NM  Min SVs      6              PDOP max  1.0
       Total GPS pos  8              HDOP max  0.4
       Monitor status Yes            VDOP max  0.9
       Horizontal SD  0.000           Vert SD   0.000
       Start wk 1064 sec 326468.0       End wk 1064   sec 326475.0

INIT   KI  Init event   Lost            Week        1064
       Init type    On the fly        seconds     326549.0
       Init counter  26               Point ID    <no text>
       Survey type   Real Time          Plate H. Dist <null>
       Plate V. Dist <null>            Plate azimuth <null>

SURVEY  KI  Elev mask 10                PDOP mask 6.0

EQUIP   BA  Receiver  4800              Serial no 20141803
       Antenna   4800 Internal
       Method    Reading from hook using 4800 tape
       Tape adj  0.000               Serial no <no text>
       Radius    0.358               V.Const   0.104

SURVEY EVENTKISurvey event Base survey started

NOTE   TS  Time Date 06/01/2000 Time 14:25:21

EQUIP   BA  Receiver  4800              Serial no 20141803
       Antenna   4800 Internal
       Method    Reading from hook using 4800 tape
       Tape adj  0.000               Serial no <no text>
       Radius    0.358               V.Const   0.104
```

GPSANT KI Antenna ht 5.338 Measuremt Uncorrected

EQUIP BA Receiver 4800 Serial no 20141803
Antenna 4800 Internal
Method Reading from hook using 4800 tape
Tape adj 0.000 Serial no <no text>
Radius 0.358 V.Const 0.104

GPSANT KI Antenna ht 5.338 Measuremt Uncorrected

EQUIP BA Receiver 4800 Serial no 20141803
Antenna 4800 Internal
Method Reading from hook using 4800 tape
Tape adj 0.000 Serial no <no text>
Radius 0.358 V.Const 0.104

GPSANT KI Antenna ht 5.338 Measuremt Uncorrected

GPSREF KI Reference BAS2

EQUIP NM Receiver 4800 Serial no 20152374
Antenna 4800 Internal
Method Measured to bottom of antenna mount
Tape adj 0.000 Serial no <no text>
Radius 0.000 V.Const 0.511

SURVEY EVENTKISurvey event Rover survey started

NOTE TS Time Date 06/01/2000 Time 14:25:54

GPSANT KI Antenna ht 5.430 Measuremt True

GPSREF KI Reference BAS2

INIT KI Init event Gained Week 1064
Init type On the fly seconds 397601.0
Init counter 1 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

EQUIP NM Receiver 4800 Serial no 20152374
Antenna 4800 Internal
Method Measured to bottom of antenna mount
Tape adj 0.000 Serial no <no text>
Radius 0.000 V.Const 0.511

GPSANT KI Antenna ht 5.906 Measuremt Uncorrected

INIT KI Init event Lost Week 1064
Init type On the fly seconds 397640.0
Init counter 1 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1064
Init type On the fly seconds 398179.0
Init counter 2 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 123 DX -1874.079 DY -1407.982
Class Normal DZ -3057.301 Code 10+00E CRS
Mthd Phase Diff. H.pr 0.020 V.pr 0.038

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1064 sec 398231.0 End wk 1064 sec 398237.0

INIT KI Init event Lost Week 1064
Init type On the fly seconds 398241.0
Init counter 2 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1064
Init type On the fly seconds 398268.0
Init counter 3 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 124 DX -1874.075 DY -1408.002
Class Normal DZ -3057.319 Code 10+00E CRS
Mthd Phase Diff. H.pr 0.020 V.pr 0.038

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1064 sec 398274.0 End wk 1064 sec 398280.0

```
INIT   KI  Init event   Lost            Week        1064
        Init type    On the fly       seconds      398333.0
        Init counter  3              Point ID     <no text>
        Survey type   Real Time         Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

INIT   KI  Init event   Gained          Week        1064
        Init type    On the fly       seconds      398453.0
        Init counter  4              Point ID     <no text>
        Survey type   Real Time         Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

GPSVEC  TP  Point ID 125        DX  -1474.999        DY  -987.258
        Class Normal        DZ  -2239.952        Code 20+00E CRS
        Mthd Phase Diff.    H.pr 0.021           V.pr 0.032

GPSQC1  NM  Min SVs       7              PDOP max  0.9
        Total GPS pos  5              HDOP max  0.5
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1064 sec 398458.0       End wk 1064   sec 398462.0

INIT   KI  Init event   Lost            Week        1064
        Init type    On the fly       seconds      398467.0
        Init counter  4              Point ID     <no text>
        Survey type   Real Time         Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

INIT   KI  Init event   Gained          Week        1064
        Init type    On the fly       seconds      398504.0
        Init counter  5              Point ID     <no text>
        Survey type   Real Time         Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

GPSVEC  TP  Point ID 126        DX  -1474.985        DY  -987.289
        Class Normal        DZ  -2239.929        Code 20+00E CRS
        Mthd Phase Diff.    H.pr 0.020           V.pr 0.031

GPSQC1  NM  Min SVs       7              PDOP max  0.8
        Total GPS pos  7              HDOP max  0.4
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1064 sec 398510.0       End wk 1064   sec 398516.0
```

```
INIT   KI  Init event   Lost            Week        1064
        Init type    On the fly       seconds      398530.0
        Init counter  5              Point ID     <no text>
        Survey type   Real Time         Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

INIT   KI  Init event   Gained          Week        1064
        Init type    On the fly       seconds      398560.0
        Init counter  6              Point ID     <no text>
        Survey type   Real Time         Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

GPSVEC  TP  Point ID 127       DX  -1474.996       DY  -987.295
        Class Normal        DZ  -2239.927       Code 20+00E CRS
        Mthd Phase Diff.    H.pr 0.022          V.pr 0.034

GPSQC1  NM  Min SVs       7              PDOP max  0.8
        Total GPS pos  7              HDOP max  0.4
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1064 sec 398566.0       End wk 1064   sec 398572.0

GPSVEC  TP  Point ID 2002      DX  -1475.933       DY  -986.592
        Class Normal        DZ  -2239.699       Code TOP LEVEE
        Mthd Phase Diff.    H.pr 0.020          V.pr 0.031

GPSQC1  NM  Min SVs       7              PDOP max  1.0
        Total GPS pos  4              HDOP max  0.5
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1064 sec 398609.0       End wk 1064   sec 398612.0

INIT   KI  Init event   Lost            Week        1064
        Init type    On the fly       seconds      398622.0
        Init counter  6              Point ID     <no text>
        Survey type   Real Time         Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

INIT   KI  Init event   Gained          Week        1064
        Init type    On the fly       seconds      398733.0
        Init counter  7              Point ID     <no text>
        Survey type   Real Time         Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>
```

```
INIT   KI  Init event   Lost          Week        1064
        Init type    On the fly      seconds     398766.0
        Init counter  7              Point ID    <no text>
        Survey type   Real Time        Plate H. Dist <null>
        Plate V. Dist <null>         Plate azimuth <null>

INIT   KI  Init event   Gained        Week        1064
        Init type    On the fly      seconds     398793.0
        Init counter  8              Point ID    <no text>
        Survey type   Real Time        Plate H. Dist <null>
        Plate V. Dist <null>         Plate azimuth <null>

GPSVEC  TP  Point ID 2001      DX  -1874.842      DY  -1407.101
        Class Normal       DZ  -3056.646      Code TOP LEVEE
        Mthd Phase Diff.    H.pr 0.028         V.pr 0.045

GPSQC1  NM  Min SVs      6            PDOP max  1.3
        Total GPS pos  4            HDOP max  0.7
        Monitor status Yes          VDOP max  1.1
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1064 sec 398814.0      End wk 1064   sec 398817.0

INIT   KI  Init event   Lost(RMS)      Week        1064
        Init type    On the fly      seconds     398858.0
        Init counter  8              Point ID    <no text>
        Survey type   Real Time        Plate H. Dist <null>
        Plate V. Dist <null>         Plate azimuth <null>

INIT   KI  Init event   Gained        Week        1064
        Init type    On the fly      seconds     398971.0
        Init counter  9              Point ID    <no text>
        Survey type   Real Time        Plate H. Dist <null>
        Plate V. Dist <null>         Plate azimuth <null>

GPSVEC  TP  Point ID 128       DX  -1064.102      DY  -570.298
        Class Normal       DZ  -1419.577      Code 30+00E CRS
        Mthd Phase Diff.    H.pr 0.024         V.pr 0.038

GPSQC1  NM  Min SVs      6            PDOP max  1.0
        Total GPS pos  8            HDOP max  0.5
        Monitor status Yes          VDOP max  0.8
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1064 sec 398977.0      End wk 1064   sec 398984.0
```

```
INIT   KI  Init event   Lost          Week        1064
       Init type    On the fly       seconds     398988.0
       Init counter  9               Point ID    <no text>
       Survey type   Real Time        Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>

INIT   KI  Init event   Gained        Week        1064
       Init type    On the fly       seconds     399016.0
       Init counter  10              Point ID    <no text>
       Survey type   Real Time        Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>

GPSVEC  TP  Point ID 129       DX  -1064.105       DY  -570.282
       Class Normal        DZ  -1419.572       Code 30+00E CRS
       Mthd Phase Diff.    H.pr 0.021          V.pr 0.033

GPSQC1  NM  Min SVs       6            PDOP max  1.0
       Total GPS pos  5              HDOP max  0.5
       Monitor status Yes            VDOP max  0.9
       Horizontal SD  0.000          Vert SD   0.000
       Start wk 1064 sec 399022.0       End wk 1064   sec 399028.0

GPSVEC  TP  Point ID 2003      DX  -1065.895       DY  -568.992
       Class Normal        DZ  -1419.077       Code TOP LEVEE
       Mthd Phase Diff.    H.pr 0.031          V.pr 0.049

GPSQC1  NM  Min SVs       6            PDOP max  1.1
       Total GPS pos  6              HDOP max  0.6
       Monitor status Yes            VDOP max  0.9
       Horizontal SD  0.000          Vert SD   0.000
       Start wk 1064 sec 399058.0       End wk 1064   sec 399063.0

INIT   KI  Init event   Lost          Week        1064
       Init type    On the fly       seconds     399072.0
       Init counter  10              Point ID    <no text>
       Survey type   Real Time        Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>

INIT   KI  Init event   Gained        Week        1064
       Init type    On the fly       seconds     399166.0
       Init counter  11              Point ID    <no text>
       Survey type   Real Time        Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>
```

GPSVEC TP Point ID 130 DX -674.545 DY -142.320
Class Normal DZ -593.245 Code 40+00E CRS
Mthd Phase Diff. H.pr 0.021 V.pr 0.033

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 7 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1064 sec 399178.0 End wk 1064 sec 399184.0

INIT KI Init event Lost Week 1064
Init type On the fly seconds 399189.0
Init counter 11 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1064
Init type On the fly seconds 399218.0
Init counter 12 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 131 DX -674.491 DY -142.350
Class Normal DZ -593.252 Code 40+00E CRS
Mthd Phase Diff. H.pr 0.020 V.pr 0.031

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1064 sec 399229.0 End wk 1064 sec 399233.0

INIT KI Init event Lost Week 1064
Init type On the fly seconds 399253.0
Init counter 12 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1064
Init type On the fly seconds 399275.0
Init counter 13 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

```
GPSVEC  TP  Point ID 132        DX  -674.504        DY  -142.356
        Class Normal        DZ  -593.260        Code 40+00E CRS
        Mthd Phase Diff.    H.pr 0.019          V.pr 0.030

GPSQC1  NM  Min SVs      7              PDOP max  1.0
        Total GPS pos  5              HDOP max  0.5
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1064 sec 399280.0       End wk 1064   sec 399284.0

NOTE    TS  Time Date 06/01/2000 Time 14:55:11

GPSVEC  TP  Point ID 2004       DX  -675.851        DY  -141.315
        Class Normal        DZ  -592.802        Code TOP LEVEE
        Mthd Phase Diff.    H.pr 0.018          V.pr 0.029

GPSQC1  NM  Min SVs      7              PDOP max  1.0
        Total GPS pos  3              HDOP max  0.5
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1064 sec 399319.0       End wk 1064   sec 399323.0

INIT    KI  Init event    Lost            Week        1064
        Init type     On the fly        seconds     399336.0
        Init counter  13                Point ID    <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

INIT    KI  Init event    Gained          Week        1064
        Init type     On the fly        seconds     399554.0
        Init counter  14                Point ID    <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

GPSVEC  TP  Point ID 133        DX  -31.103         DY  15.361
        Class Normal        DZ  5.590           Code 10+75E CRN
        Mthd Phase Diff.    H.pr 0.018          V.pr 0.029

GPSQC1  NM  Min SVs      7              PDOP max  0.9
        Total GPS pos  5              HDOP max  0.5
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1064 sec 399581.0       End wk 1064   sec 399586.0
```

```
INIT   KI  Init event   Lost          Week        1064
       Init type    On the fly       seconds     399590.0
       Init counter  14              Point ID    <no text>
       Survey type   Real Time        Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>

INIT   KI  Init event   Gained        Week        1064
       Init type    On the fly       seconds     399618.0
       Init counter  15              Point ID    <no text>
       Survey type   Real Time        Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>

GPSVEC  TP  Point ID 134      DX  -31.100       DY  15.366
       Class Normal       DZ  5.587        Code 10+75E CRN
       Mthd Phase Diff.   H.pr 0.022        V.pr 0.035

GPSQC1  NM  Min SVs      7            PDOP max  0.9
       Total GPS pos  5            HDOP max  0.5
       Monitor status Yes          VDOP max  0.8
       Horizontal SD  0.000        Vert SD   0.000
       Start wk 1064 sec 399625.0      End wk 1064   sec 399633.0

GPSVEC  TP  Point ID 2005     DX  -33.148       DY  16.333
       Class Normal       DZ  5.597        Code TOP LEVEE
       Mthd Phase Diff.   H.pr 0.019        V.pr 0.031

GPSQC1  NM  Min SVs      7            PDOP max  0.9
       Total GPS pos  4            HDOP max  0.5
       Monitor status Yes          VDOP max  0.8
       Horizontal SD  0.000        Vert SD   0.000
       Start wk 1064 sec 399664.0      End wk 1064   sec 399669.0

SURVEY  KI  Elev mask 10            PDOP mask 6.0

EQUIP   NM  Receiver  4800          Serial no 20152374
       Antenna   4800 Internal
       Method    Measured to bottom of antenna mount
       Tape adj  0.000             Serial no <no text>
       Radius    0.000             V.Const   0.511

SURVEY EVENTKISurvey event Rover survey started

NOTE   TS  Time Date 06/01/2000 Time 15:02:12

GPSANT  KI  Antenna ht 5.430        Measuremt True
```

GPSREF KI Reference BAS2

INIT KI Init event Gained Week 1064
Init type On the fly seconds 399751.0
Init counter 15 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Lost Week 1064
Init type On the fly seconds 399764.0
Init counter 15 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

SURVEY KI Elev mask 10 PDOP mask 6.0

EQUIP BA Receiver 4800 Serial no 20152374
Antenna 4800 Internal
Method Reading from hook using 4800 tape
Tape adj 0.000 Serial no <no text>
Radius 0.358 V.Const 0.104

SURVEY EVENTKISurvey event Base survey started

NOTE TS Time Date 06/01/2000 Time 15:06:45

EQUIP NM Receiver 4800 Serial no 20152374
Antenna 4800 Internal
Method Measured to bottom of antenna mount
Tape adj 0.000 Serial no <no text>
Radius 0.000 V.Const 0.511

SURVEY EVENTKISurvey event Rover survey started

NOTE TS Time Date 06/01/2000 Time 15:06:48

EQUIP NM Receiver 4800 Serial no 20152374
Antenna 4800 Internal
Method Measured to bottom of antenna mount
Tape adj 0.000 Serial no <no text>
Radius 0.000 V.Const 0.511

SURVEY EVENTKISurvey event Rover survey started

NOTE TS Time Date 06/01/2000 Time 15:06:54

GPSANT KI Antenna ht 5.430 Measuremt True

GPSREF KI Reference BAS2

INIT KI Init event Gained Week 1064
Init type On the fly seconds 400030.0
Init counter 16 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Lost Week 1064
Init type On the fly seconds 400051.0
Init counter 16 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1064
Init type On the fly seconds 400110.0
Init counter 17 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

EQUIP NM Receiver 4800 Serial no 20152374
Antenna 4800 Internal
Method Measured to bottom of antenna mount
Tape adj 0.000 Serial no <no text>
Radius 0.000 V.Const 0.511

GPSANT KI Antenna ht 5.906 Measuremt Uncorrected

GPSVEC TP Point ID 135 DX 164.160 DY 501.404
Class Normal DZ 797.943 Code 20+00E CRN
Mthd Phase Diff. H.pr 0.020 V.pr 0.032

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1064 sec 400118.0 End wk 1064 sec 400123.0

INIT KI Init event Lost Week 1064
Init type On the fly seconds 400128.0
Init counter 17 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

```
INIT   KI  Init event   Gained          Week        1064
       Init type    On the fly        seconds     400151.0
       Init counter  18               Point ID    <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>

GPSVEC  TP  Point ID 136       DX   164.167        DY   501.402
       Class Normal        DZ   797.929        Code 20+00E CRN
       Mthd Phase Diff.    H.pr 0.021          V.pr 0.034

GPSQC1  NM  Min SVs       7              PDOP max  0.9
       Total GPS pos  5              HDOP max  0.5
       Monitor status Yes            VDOP max  0.7
       Horizontal SD  0.000           Vert SD   0.000
       Start wk 1064 sec 400156.0       End wk 1064   sec 400160.0

GPSVEC  TP  Point ID 2006      DX   161.419        DY   502.838
       Class Normal        DZ   798.093        Code TOP LEVEE
       Mthd Phase Diff.    H.pr 0.021          V.pr 0.033

GPSQC1  NM  Min SVs       7              PDOP max  0.9
       Total GPS pos  5              HDOP max  0.5
       Monitor status Yes            VDOP max  0.8
       Horizontal SD  0.000           Vert SD   0.000
       Start wk 1064 sec 400189.0       End wk 1064   sec 400193.0

INIT   KI  Init event   Lost            Week        1064
       Init type    On the fly        seconds     400233.0
       Init counter  18               Point ID    <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>

INIT   KI  Init event   Gained          Week        1064
       Init type    On the fly        seconds     400322.0
       Init counter  19               Point ID    <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>

GPSVEC  TP  Point ID 137       DX   673.706        DY   857.841
       Class Normal        DZ   1591.250       Code 30+00E CRN
       Mthd Phase Diff.    H.pr 0.020          V.pr 0.032
```

```
GPSQC1  NM  Min SVs      7              PDOP max  0.9
        Total GPS pos  6              HDOP max  0.5
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1064 sec 400332.0       End wk 1064   sec 400337.0

INIT    KI  Init event    Lost            Week        1064
        Init type     On the fly        seconds      400341.0
        Init counter  19               Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

INIT    KI  Init event    Gained          Week        1064
        Init type     On the fly        seconds      400369.0
        Init counter  20               Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

GPSVEC  TP  Point ID 138       DX   673.704        DY   857.815
        Class Normal        DZ   1591.263        Code 30+00E CRN
        Mthd Phase Diff.     H.pr 0.020          V.pr 0.031

GPSQC1  NM  Min SVs      7              PDOP max  0.9
        Total GPS pos  5              HDOP max  0.5
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1064 sec 400379.0       End wk 1064   sec 400383.0

INIT    KI  Init event    Lost            Week        1064
        Init type     On the fly        seconds      400396.0
        Init counter  20               Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

INIT    KI  Init event    Gained          Week        1064
        Init type     On the fly        seconds      400425.0
        Init counter  21               Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

GPSVEC  TP  Point ID 139       DX   673.714        DY   857.816
        Class Normal        DZ   1591.268        Code 30+00E CRN
        Mthd Phase Diff.     H.pr 0.020          V.pr 0.031
```

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1064 sec 400433.0 End wk 1064 sec 400437.0

GPSVEC TP Point ID 2007 DX 672.744 DY 859.163
Class Normal DZ 1592.303 Code TOP LEVEE
Mthd Phase Diff. H.pr 0.019 V.pr 0.030

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1064 sec 400463.0 End wk 1064 sec 400467.0

INIT KI Init event Lost Week 1064
Init type On the fly seconds 400503.0
Init counter 21 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1064
Init type On the fly seconds 400594.0
Init counter 22 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 140 DX 1483.899 DY 801.059
Class Normal DZ 1982.797 Code 40+00E CRN
Mthd Phase Diff. H.pr 0.019 V.pr 0.030

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1064 sec 400619.0 End wk 1064 sec 400624.0

INIT KI Init event Lost Week 1064
Init type On the fly seconds 400627.0
Init counter 22 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

```
INIT   KI  Init event   Gained          Week        1064
       Init type    On the fly        seconds     400664.0
       Init counter  23              Point ID     <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>

GPSVEC  TP  Point ID 141       DX   1483.884        DY   801.036
       Class Normal        DZ   1982.817        Code 40+00E CRN
       Mthd Phase Diff.    H.pr 0.021          V.pr 0.033

GPSQC1  NM  Min SVs       7              PDOP max  0.9
       Total GPS pos  5              HDOP max  0.5
       Monitor status Yes            VDOP max  0.8
       Horizontal SD  0.000           Vert SD   0.000
       Start wk 1064 sec 400675.0       End wk 1064   sec 400679.0

INIT   KI  Init event   Lost            Week        1064
       Init type    On the fly        seconds     400693.0
       Init counter  23              Point ID     <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>

INIT   KI  Init event   Gained          Week        1064
       Init type    On the fly        seconds     400723.0
       Init counter  24              Point ID     <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>

GPSVEC  TP  Point ID 142       DX   1483.884        DY   801.043
       Class Normal        DZ   1982.840        Code 40+00E CRN
       Mthd Phase Diff.    H.pr 0.019          V.pr 0.030

GPSQC1  NM  Min SVs       7              PDOP max  0.9
       Total GPS pos  5              HDOP max  0.5
       Monitor status Yes            VDOP max  0.8
       Horizontal SD  0.000           Vert SD   0.000
       Start wk 1064 sec 400732.0       End wk 1064   sec 400736.0

GPSVEC  TP  Point ID 2008      DX   1483.042        DY   802.594
       Class Normal        DZ   1984.291        Code TOP LEVEE
       Mthd Phase Diff.    H.pr 0.021          V.pr 0.033
```

```
GPSQC1  NM  Min SVs      7              PDOP max  1.0
        Total GPS pos  3              HDOP max  0.5
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1064 sec 400773.0       End wk 1064   sec 400776.0

INIT    KI  Init event    Lost            Week        1064
        Init type     On the fly        seconds      400786.0
        Init counter  24               Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

INIT    KI  Init event    Gained          Week        1064
        Init type     On the fly        seconds      400876.0
        Init counter  25               Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

GPSVEC  TP  Point ID 143       DX   2296.929        DY   903.206
        Class Normal        DZ   2596.356        Code 50+00E CRN
        Mthd Phase Diff.    H.pr 0.022          V.pr 0.034

GPSQC1  NM  Min SVs      7              PDOP max  0.9
        Total GPS pos  5              HDOP max  0.5
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1064 sec 400904.0       End wk 1064   sec 400908.0

INIT    KI  Init event    Lost            Week        1064
        Init type     On the fly        seconds      400925.0
        Init counter  25               Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

INIT    KI  Init event    Gained          Week        1064
        Init type     On the fly        seconds      400954.0
        Init counter  26               Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

GPSVEC  TP  Point ID 144       DX   2296.920        DY   903.207
        Class Normal        DZ   2596.393        Code 50+00E CRN
        Mthd Phase Diff.    H.pr 0.020          V.pr 0.031
```

```
GPSQC1  NM  Min SVs      7              PDOP max  0.9
        Total GPS pos  4              HDOP max  0.5
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1064 sec 400959.0       End wk 1064   sec 400966.0

INIT    KI  Init event    Lost            Week        1064
        Init type     On the fly        seconds      400978.0
        Init counter  26               Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

INIT    KI  Init event    Gained          Week        1064
        Init type     On the fly        seconds      401026.0
        Init counter  27               Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

GPSVEC  TP  Point ID 145        DX   2296.930        DY   903.250
        Class Normal        DZ   2596.339        Code 50+00E CRN
        Mthd Phase Diff.     H.pr 0.023          V.pr 0.035

GPSQC1  NM  Min SVs      7              PDOP max  0.8
        Total GPS pos  6              HDOP max  0.4
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1064 sec 401033.0       End wk 1064   sec 401039.0

INIT    KI  Init event    Lost            Week        1064
        Init type     On the fly        seconds      401096.0
        Init counter  27               Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

INIT    KI  Init event    Gained          Week        1064
        Init type     On the fly        seconds      401122.0
        Init counter  28               Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

NOTE    TS  Time Date 06/01/2000 Time 15:25:26

GPSVEC  TP  Point ID 146        DX   2296.917        DY   903.227
        Class Normal        DZ   2596.347        Code 50+00E CRN
        Mthd Phase Diff.     H.pr 0.023          V.pr 0.035
```

```
GPSQC1  NM  Min SVs      7            PDOP max  0.8
        Total GPS pos  6            HDOP max  0.4
        Monitor status Yes          VDOP max  0.7
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1064 sec 401129.0      End wk 1064   sec 401138.0

GPSVEC  TP  Point ID 2009      DX   2295.756        DY   904.848
        Class Normal        DZ   2597.702        Code TOP LEVEE
        Mthd Phase Diff.    H.pr 0.022           V.pr 0.033

GPSQC1  NM  Min SVs      7            PDOP max  0.9
        Total GPS pos  4            HDOP max  0.5
        Monitor status Yes          VDOP max  0.8
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1064 sec 401184.0      End wk 1064   sec 401187.0

INIT    KI  Init event    Lost          Week        1064
        Init type     On the fly      seconds     401197.0
        Init counter  28              Point ID    <no text>
        Survey type   Real Time        Plate H. Dist <null>
        Plate V. Dist <null>          Plate azimuth <null>

INIT    KI  Init event    Gained        Week        1064
        Init type     On the fly      seconds     401374.0
        Init counter  29              Point ID    <no text>
        Survey type   Real Time        Plate H. Dist <null>
        Plate V. Dist <null>          Plate azimuth <null>

GPSVEC  TP  Point ID 147       DX   3107.417        DY   1015.288
        Class Normal        DZ   3222.084        Code 60+00E CRN
        Mthd Phase Diff.    H.pr 0.023           V.pr 0.035

GPSQC1  NM  Min SVs      7            PDOP max  0.8
        Total GPS pos  5            HDOP max  0.5
        Monitor status Yes          VDOP max  0.7
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1064 sec 401388.0      End wk 1064   sec 401393.0

INIT    KI  Init event    Lost          Week        1064
        Init type     On the fly      seconds     401398.0
        Init counter  29              Point ID    <no text>
        Survey type   Real Time        Plate H. Dist <null>
        Plate V. Dist <null>          Plate azimuth <null>
```

```
INIT   KI  Init event   Gained          Week        1064
       Init type    On the fly        seconds     401435.0
       Init counter  30               Point ID    <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>

GPSVEC  TP  Point ID 148       DX  3107.428        DY  1015.297
       Class Normal        DZ  3222.077        Code 60+00E CRN
       Mthd Phase Diff.    H.pr 0.023          V.pr 0.035

GPSQC1  NM  Min SVs       7              PDOP max  0.9
       Total GPS pos  5              HDOP max  0.5
       Monitor status Yes            VDOP max  0.7
       Horizontal SD  0.000           Vert SD   0.000
       Start wk 1064 sec 401443.0       End wk 1064   sec 401447.0

GPSVEC  TP  Point ID 2010      DX  3106.694        DY  1016.648
       Class Normal        DZ  3223.352        Code TOP LEVEE
       Mthd Phase Diff.    H.pr 0.025          V.pr 0.038

GPSQC1  NM  Min SVs       7              PDOP max  0.9
       Total GPS pos  4              HDOP max  0.5
       Monitor status Yes            VDOP max  0.7
       Horizontal SD  0.000           Vert SD   0.000
       Start wk 1064 sec 401488.0       End wk 1064   sec 401495.0

INIT   KI  Init event   Lost            Week        1064
       Init type    On the fly        seconds     401504.0
       Init counter  30               Point ID    <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>

INIT   KI  Init event   Gained          Week        1064
       Init type    On the fly        seconds     401615.0
       Init counter  31               Point ID    <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>

GPSVEC  TP  Point ID 149       DX  3918.499        DY  1129.781
       Class Normal        DZ  3849.957        Code 70+00E CRN
       Mthd Phase Diff.    H.pr 0.029          V.pr 0.044
```

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1064 sec 401649.0 End wk 1064 sec 401656.0

INIT KI Init event Lost Week 1064
Init type On the fly seconds 401663.0
Init counter 31 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1064
Init type On the fly seconds 401688.0
Init counter 32 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 150 DX 3918.504 DY 1129.783
Class Normal DZ 3849.950 Code 70+00E CRN
Mthd Phase Diff. H.pr 0.023 V.pr 0.034

GPSQC1 NM Min SVs 7 PDOP max 0.6
Total GPS pos 11 HDOP max 0.3
Monitor status Yes VDOP max 0.5
Horizontal SD 0.000 Vert SD 0.000
Start wk 1064 sec 401697.0 End wk 1064 sec 401715.0

GPSVEC TP Point ID 2011 DX 3916.874 DY 1131.697
Class Normal DZ 3851.541 Code TOP LEVEE
Mthd Phase Diff. H.pr 0.028 V.pr 0.036

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 5 HDOP max 0.7
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1064 sec 401743.0 End wk 1064 sec 401748.0

INIT KI Init event Lost Week 1064
Init type On the fly seconds 401758.0
Init counter 32 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

```
INIT   KI  Init event   Gained          Week        1064
       Init type    On the fly        seconds     402823.0
       Init counter  33               Point ID    <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null> .

GPSVEC  TP  Point ID 151       DX  11769.946       DY  4571.392
       Class Normal        DZ  13207.060       Code RM 8
       Mthd Phase Diff.    H.pr 0.023          V.pr 0.034

GPSQC1  NM  Min SVs       7              PDOP max  0.7
       Total GPS pos  6               HDOP max  0.4
       Monitor status Yes             VDOP max  0.5
       Horizontal SD  0.000           Vert SD   0.000
       Start wk 1064 sec 402866.0       End wk 1064   sec 402872.0

INIT   KI  Init event   Lost            Week        1064
       Init type    On the fly        seconds     402875.0
       Init counter  33               Point ID    <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>

INIT   KI  Init event   Gained          Week        1064
       Init type    On the fly        seconds     402904.0
       Init counter  34               Point ID    <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>

GPSVEC  TP  Point ID 152       DX  11769.970       DY  4571.380
       Class Normal        DZ  13207.059       Code RM 8
       Mthd Phase Diff.    H.pr 0.026          V.pr 0.038

GPSQC1  NM  Min SVs       7              PDOP max  0.6
       Total GPS pos  7               HDOP max  0.4
       Monitor status Yes             VDOP max  0.5
       Horizontal SD  0.000           Vert SD   0.000
       Start wk 1064 sec 402908.0       End wk 1064   sec 402915.0

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INIT   KI  Init event   Lost            Week        1064
       Init type    On the fly        seconds     402942.0
       Init counter  34               Point ID    <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>
```

```
INIT   KI  Init event   Gained          Week        1064
       Init type    On the fly        seconds     404410.0
       Init counter  35               Point ID    <no text>
       Survey type   Real Time          Plate H. Dist <null>
       Plate V. Dist <null>            Plate azimuth <null>

INIT   KI  Init event   Lost            Week        1064
       Init type    On the fly        seconds     404416.0
       Init counter  35               Point ID    <no text>
       Survey type   Real Time          Plate H. Dist <null>
       Plate V. Dist <null>            Plate azimuth <null>

INIT   KI  Init event   Gained          Week        1064
       Init type    On the fly        seconds     404468.0
       Init counter  36               Point ID    <no text>
       Survey type   Real Time          Plate H. Dist <null>
       Plate V. Dist <null>            Plate azimuth <null>

GPSVEC  TP  Point ID 153       DX   5825.488        DY   2086.827
       Class Normal        DZ   6293.479        Code 65+00E NR
       Mthd Phase Diff.    H.pr 0.020          V.pr 0.033

GPSQC1  NM  Min SVs       7              PDOP max  0.8
       Total GPS pos  5              HDOP max  0.4
       Monitor status Yes            VDOP max  0.7
       Horizontal SD  0.000           Vert SD   0.000
       Start wk 1064 sec 404476.0       End wk 1064   sec 404480.0

INIT   KI  Init event   Lost            Week        1064
       Init type    On the fly        seconds     404485.0
       Init counter  36               Point ID    <no text>
       Survey type   Real Time          Plate H. Dist <null>
       Plate V. Dist <null>            Plate azimuth <null>

INIT   KI  Init event   Gained          Week        1064
       Init type    On the fly        seconds     404516.0
       Init counter  37               Point ID    <no text>
       Survey type   Real Time          Plate H. Dist <null>
       Plate V. Dist <null>            Plate azimuth <null>

GPSVEC  TP  Point ID 154       DX   5825.501        DY   2086.833
       Class Normal        DZ   6293.492        Code 65+00E NR
       Mthd Phase Diff.    H.pr 0.026          V.pr 0.043
```

```
GPSQC1  NM  Min SVs      7              PDOP max  0.7
        Total GPS pos  6              HDOP max  0.4
        Monitor status Yes            VDOP max  0.6
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1064 sec 404522.0       End wk 1064   sec 404527.0

GPSVEC  TP  Point ID 2012       DX   5824.234        DY   2088.624
        Class Normal        DZ   6294.764        Code TOP LEVEE
        Mthd Phase Diff.    H.pr 0.022           V.pr 0.036

GPSQC1  NM  Min SVs      7              PDOP max  0.9
        Total GPS pos  4              HDOP max  0.5
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1064 sec 404559.0       End wk 1064   sec 404563.0

INIT    KI  Init event    Lost            Week        1064
        Init type     On the fly        seconds     404578.0
        Init counter  37                Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

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INIT    KI  Init event    Gained          Week        1064
        Init type     On the fly        seconds     404775.0
        Init counter  38                Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

GPSVEC  TP  Point ID 155        DX   6472.426        DY   2234.594
        Class Normal        DZ   6873.123        Code 75+00E NR
        Mthd Phase Diff.    H.pr 0.019           V.pr 0.032

GPSQC1  NM  Min SVs      7              PDOP max  0.7
        Total GPS pos  7              HDOP max  0.4
        Monitor status Yes            VDOP max  0.6
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1064 sec 404784.0       End wk 1064   sec 404790.0

INIT    KI  Init event    Lost            Week        1064
        Init type     On the fly        seconds     404796.0
        Init counter  38                Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>
```

```
INIT   KI  Init event   Gained          Week        1064
        Init type    On the fly       seconds      404824.0
        Init counter  39              Point ID     <no text>
        Survey type   Real Time         Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

GPSVEC  TP  Point ID 156       DX   6472.442        DY   2234.585
        Class Normal        DZ   6873.140        Code 75+00E NR
        Mthd Phase Diff.    H.pr 0.021           V.pr 0.033

GPSQC1  NM  Min SVs       7              PDOP max  0.7
        Total GPS pos  7              HDOP max  0.4
        Monitor status Yes            VDOP max  0.6
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1064 sec 404832.0       End wk 1064   sec 404838.0

GPSVEC  TP  Point ID 2013      DX   6471.213        DY   2235.968
        Class Normal        DZ   6874.092        Code TOP LEVEE
        Mthd Phase Diff.    H.pr 0.018           V.pr 0.030

GPSQC1  NM  Min SVs       7              PDOP max  0.9
        Total GPS pos  4              HDOP max  0.5
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1064 sec 404867.0       End wk 1064   sec 404870.0

INIT   KI  Init event   Lost            Week        1064
        Init type    On the fly       seconds      404878.0
        Init counter  39              Point ID     <no text>
        Survey type   Real Time         Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

INIT   KI  Init event   Gained          Week        1064
        Init type    On the fly       seconds      404987.0
        Init counter  40              Point ID     <no text>
        Survey type   Real Time         Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

GPSVEC  TP  Point ID 157       DX   7214.385        DY   2403.617
        Class Normal        DZ   7535.921        Code 85+00E NR
        Mthd Phase Diff.    H.pr 0.018           V.pr 0.029
```

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 5 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1064 sec 404997.0 End wk 1064 sec 405002.0

INIT KI Init event Lost Week 1064
Init type On the fly seconds 405006.0
Init counter 40 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1064
Init type On the fly seconds 405036.0
Init counter 41 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 158 DX 7214.370 DY 2403.594
Class Normal DZ 7535.912 Code 85+00E NR
Mthd Phase Diff. H.pr 0.023 V.pr 0.036

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 5 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1064 sec 405040.0 End wk 1064 sec 405045.0

GPSVEC TP Point ID 2014 DX 7213.100 DY 2405.194
Class Normal DZ 7536.991 Code TOP LEVEE
Mthd Phase Diff. H.pr 0.027 V.pr 0.043

GPSQC1 NM Min SVs 7 PDOP max 0.7
Total GPS pos 6 HDOP max 0.4
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1064 sec 405073.0 End wk 1064 sec 405079.0

INIT KI Init event Lost Week 1064
Init type On the fly seconds 405093.0
Init counter 41 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

```
INIT   KI  Init event   Gained          Week        1064
        Init type    On the fly       seconds      405207.0
        Init counter  42              Point ID     <no text>
        Survey type   Real Time         Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

GPSVEC  TP  Point ID 159       DX   8007.631        DY   2654.062
        Class Normal        DZ   8345.259        Code 95+00E NR
        Mthd Phase Diff.    H.pr 0.020          V.pr 0.031

GPSQC1  NM  Min SVs       7              PDOP max  0.8
        Total GPS pos  5              HDOP max  0.4
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1064 sec 405214.0       End wk 1064   sec 405218.0

INIT   KI  Init event   Lost            Week        1064
        Init type    On the fly       seconds      405223.0
        Init counter  42              Point ID     <no text>
        Survey type   Real Time         Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

INIT   KI  Init event   Gained          Week        1064
        Init type    On the fly       seconds      405255.0
        Init counter  43              Point ID     <no text>
        Survey type   Real Time         Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

GPSVEC  TP  Point ID 160       DX   8007.611        DY   2654.068
        Class Normal        DZ   8345.241        Code 95+00E NR
        Mthd Phase Diff.    H.pr 0.022          V.pr 0.035

GPSQC1  NM  Min SVs       7              PDOP max  0.8
        Total GPS pos  5              HDOP max  0.4
        Monitor status Yes            VDOP max  0.6
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1064 sec 405264.0       End wk 1064   sec 405268.0

GPSVEC  TP  Point ID 2015      DX   8005.616        DY   2655.601
        Class Normal        DZ   8345.857        Code TOP LEVEE
        Mthd Phase Diff.    H.pr 0.020          V.pr 0.036
```

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1064 sec 405297.0 End wk 1064 sec 405303.0

INIT KI Init event Lost Week 1064
Init type On the fly seconds 405312.0
Init counter 43 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1064
Init type On the fly seconds 405632.0
Init counter 44 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 161 DX 5343.519 DY 2327.390
Class Normal DZ 6351.120 Code 65+00W NR
Mthd Phase Diff. H.pr 0.021 V.pr 0.036

GPSQC1 NM Min SVs 6 PDOP max 0.9
Total GPS pos 7 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1064 sec 405643.0 End wk 1064 sec 405649.0

INIT KI Init event Lost Week 1064
Init type On the fly seconds 405654.0
Init counter 44 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1064
Init type On the fly seconds 405691.0
Init counter 45 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 162 DX 5343.514 DY 2327.361
Class Normal DZ 6351.111 Code 65+00W NR
Mthd Phase Diff. H.pr 0.027 V.pr 0.043

GPSQC1 NM Min SVs 7 PDOP max 0.7
Total GPS pos 8 HDOP max 0.4
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1064 sec 405696.0 End wk 1064 sec 405704.0

GPSVEC TP Point ID 2016 DX 5345.639 DY 2325.562
Class Normal DZ 6349.314 Code TOP LEVEE
Mthd Phase Diff. H.pr 0.032 V.pr 0.050

GPSQC1 NM Min SVs 7 PDOP max 0.6
Total GPS pos 9 HDOP max 0.3
Monitor status Yes VDOP max 0.5
Horizontal SD 0.000 Vert SD 0.000
Start wk 1064 sec 405738.0 End wk 1064 sec 405747.0

INIT KI Init event Lost Week 1064
Init type On the fly seconds 405760.0
Init counter 45 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1064
Init type On the fly seconds 405886.0
Init counter 46 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 163 DX 6064.295 DY 2510.832
Class Normal DZ 7024.281 Code 75+00W NR
Mthd Phase Diff. H.pr 0.020 V.pr 0.032

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 5 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1064 sec 405893.0 End wk 1064 sec 405898.0

INIT KI Init event Lost Week 1064
Init type On the fly seconds 405903.0
Init counter 46 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

```
INIT   KI  Init event   Gained          Week        1064
        Init type    On the fly       seconds      405933.0
        Init counter  47              Point ID     <no text>
        Survey type   Real Time         Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

GPSVEC  TP  Point ID 164       DX   6064.290        DY   2510.825
        Class Normal        DZ   7024.271        Code 75+00W NR
        Mthd Phase Diff.    H.pr 0.022           V.pr 0.034

GPSQC1  NM  Min SVs       7              PDOP max  0.9
        Total GPS pos  4              HDOP max  0.5
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1064 sec 405942.0       End wk 1064   sec 405946.0

GPSVEC  TP  Point ID 2017      DX   6065.800        DY   2509.443
        Class Normal        DZ   7022.982        Code TOP LEVEE
        Mthd Phase Diff.    H.pr 0.023           V.pr 0.036

GPSQC1  NM  Min SVs       7              PDOP max  0.8
        Total GPS pos  5              HDOP max  0.5
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1064 sec 405975.0       End wk 1064   sec 405979.0

INIT   KI  Init event   Lost            Week        1064
        Init type    On the fly       seconds      405990.0
        Init counter  47              Point ID     <no text>
        Survey type   Real Time         Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

INIT   KI  Init event   Gained          Week        1064
        Init type    On the fly       seconds      406115.0
        Init counter  48              Point ID     <no text>
        Survey type   Real Time         Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

GPSVEC  TP  Point ID 165       DX   6802.638        DY   2677.686
        Class Normal        DZ   7682.711        Code 85+00W NR
        Mthd Phase Diff.    H.pr 0.020           V.pr 0.031
```

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 6 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1064 sec 406120.0 End wk 1064 sec 406125.0

INIT KI Init event Lost Week 1064
Init type On the fly seconds 406133.0
Init counter 48 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1064
Init type On the fly seconds 406163.0
Init counter 49 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 166 DX 6802.650 DY 2677.690
Class Normal DZ 7682.690 Code 85+00W NR
Mthd Phase Diff. H.pr 0.019 V.pr 0.030

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1064 sec 406169.0 End wk 1064 sec 406176.0

GPSVEC TP Point ID 2018 DX 6804.849 DY 2676.013
Class Normal DZ 7681.054 Code TOP LEVEE
Mthd Phase Diff. H.pr 0.025 V.pr 0.039

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 6 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1064 sec 406203.0 End wk 1064 sec 406208.0

INIT KI Init event Lost Week 1064
Init type On the fly seconds 406213.0
Init counter 49 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

```
INIT   KI  Init event   Gained          Week        1064
        Init type    On the fly       seconds     406378.0
        Init counter  50              Point ID    <no text>
        Survey type   Real Time        Plate H. Dist <null>
        Plate V. Dist <null>          Plate azimuth <null>

GPSVEC  TP  Point ID 167       DX  7527.119       DY  2855.240
        Class Normal        DZ  8348.671       Code 95+00W NR
        Mthd Phase Diff.    H.pr 0.021         V.pr 0.033

GPSQC1  NM  Min SVs       7             PDOP max  0.8
        Total GPS pos  5             HDOP max  0.4
        Monitor status Yes           VDOP max  0.7
        Horizontal SD  0.000          Vert SD   0.000
        Start wk 1064 sec 406383.0      End wk 1064   sec 406387.0

INIT   KI  Init event   Lost          Week        1064
        Init type    On the fly       seconds     406393.0
        Init counter  50              Point ID    <no text>
        Survey type   Real Time        Plate H. Dist <null>
        Plate V. Dist <null>          Plate azimuth <null>

INIT   KI  Init event   Gained          Week        1064
        Init type    On the fly       seconds     406424.0
        Init counter  51              Point ID    <no text>
        Survey type   Real Time        Plate H. Dist <null>
        Plate V. Dist <null>          Plate azimuth <null>

GPSVEC  TP  Point ID 168       DX  7527.111       DY  2855.238
        Class Normal        DZ  8348.669       Code 95+00W NR
        Mthd Phase Diff.    H.pr 0.021         V.pr 0.033

GPSQC1  NM  Min SVs       7             PDOP max  0.8
        Total GPS pos  4             HDOP max  0.4
        Monitor status Yes           VDOP max  0.7
        Horizontal SD  0.000          Vert SD   0.000
        Start wk 1064 sec 406432.0      End wk 1064   sec 406436.0

GPSVEC  TP  Point ID 2019      DX  7529.232       DY  2853.804
        Class Normal        DZ  8347.464       Code TOP LEVEE
        Mthd Phase Diff.    H.pr 0.023         V.pr 0.036
```

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 5 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1064 sec 406462.0 End wk 1064 sec 406466.0

INIT KI Init event Lost Week 1064
Init type On the fly seconds 406476.0
Init counter 51 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

NOTE TS Time Date 06/01/2000 Time 16:58:08

INIT KI Init event Gained Week 1064
Init type On the fly seconds 406700.0
Init counter 52 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 169 DX 7788.404 DY 3319.247
Class Normal DZ 9161.358 Code 105+00W NR
Mthd Phase Diff. H.pr 0.023 V.pr 0.036

GPSQC1 NM Min SVs 7 PDOP max 0.7
Total GPS pos 6 HDOP max 0.4
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1064 sec 406712.0 End wk 1064 sec 406717.0

INIT KI Init event Lost Week 1064
Init type On the fly seconds 406723.0
Init counter 52 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1064
Init type On the fly seconds 406759.0
Init counter 53 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 170 DX 7788.392 DY 3319.253
Class Normal DZ 9161.382 Code 105+00W NR
Mthd Phase Diff. H.pr 0.020 V.pr 0.030

```
GPSQC1  NM  Min SVs      7            PDOP max  0.7
        Total GPS pos  5            HDOP max  0.4
        Monitor status Yes          VDOP max  0.6
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1064 sec 406766.0      End wk 1064   sec 406770.0

GPSVEC  TP  Point ID 2020      DX  7791.881        DY  3318.183
        Class Normal       DZ  9161.663        Code TOP LEVEE
        Mthd Phase Diff.    H.pr 0.023          V.pr 0.035

GPSQC1  NM  Min SVs      7            PDOP max  0.9
        Total GPS pos  4            HDOP max  0.5
        Monitor status Yes          VDOP max  0.7
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1064 sec 406796.0      End wk 1064   sec 406799.0

INIT    KI  Init event    Lost            Week        1064
        Init type     On the fly        seconds     406813.0
        Init counter  53                Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

INIT    KI  Init event    Gained          Week        1064
        Init type     On the fly        seconds     406954.0
        Init counter  54                Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

GPSVEC  TP  Point ID 171       DX  7910.928        DY  3864.371
        Class Normal       DZ  9996.782        Code 115+00W NR
        Mthd Phase Diff.    H.pr 0.029          V.pr 0.041

GPSQC1  NM  Min SVs      6            PDOP max  0.9
        Total GPS pos  4            HDOP max  0.5
        Monitor status Yes          VDOP max  0.7
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1064 sec 406959.0      End wk 1064   sec 406966.0

INIT    KI  Init event    Lost            Week        1064
        Init type     On the fly        seconds     406976.0
        Init counter  54                Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>
```

```
INIT   KI  Init event   Gained          Week        1064
        Init type    On the fly       seconds     407093.0
        Init counter  55              Point ID    <no text>
        Survey type   Real Time        Plate H. Dist <null>
        Plate V. Dist <null>          Plate azimuth <null>

GPSVEC  TP  Point ID 172       DX  7910.909        DY  3864.335
        Class Normal        DZ  9996.752        Code 115+00W NR
        Mthd Phase Diff.    H.pr 0.026          V.pr 0.039

GPSQC1  NM  Min SVs       7             PDOP max  0.8
        Total GPS pos  4              HDOP max  0.4
        Monitor status Yes            VDOP max  0.6
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1064 sec 407099.0       End wk 1064   sec 407106.0

GPSVEC  TP  Point ID 2021      DX  7913.565        DY  3863.356
        Class Normal        DZ  9996.643        Code TOP LEVEE
        Mthd Phase Diff.    H.pr 0.030          V.pr 0.044

GPSQC1  NM  Min SVs       7             PDOP max  0.7
        Total GPS pos  5              HDOP max  0.4
        Monitor status Yes            VDOP max  0.6
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1064 sec 407134.0       End wk 1064   sec 407138.0

INIT   KI  Init event   Lost            Week        1064
        Init type    On the fly       seconds     407147.0
        Init counter  55              Point ID    <no text>
        Survey type   Real Time        Plate H. Dist <null>
        Plate V. Dist <null>          Plate azimuth <null>

INIT   KI  Init event   Gained          Week        1064
        Init type    On the fly       seconds     407269.0
        Init counter  56              Point ID    <no text>
        Survey type   Real Time        Plate H. Dist <null>
        Plate V. Dist <null>          Plate azimuth <null>

GPSVEC  TP  Point ID 173       DX  8482.411        DY  4169.319
        Class Normal        DZ  10749.572       Code 125+00W NR
        Mthd Phase Diff.    H.pr 0.024          V.pr 0.035
```

```
GPSQC1  NM  Min SVs       7              PDOP max  0.7
        Total GPS pos  6              HDOP max  0.4
        Monitor status Yes            VDOP max  0.6
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1064 sec 407274.0       End wk 1064   sec 407279.0

INIT    KI  Init event    Lost            Week        1064
        Init type     On the fly        seconds      407284.0
        Init counter  56               Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

INIT    KI  Init event    Gained          Week        1064
        Init type     On the fly        seconds      407314.0
        Init counter  57               Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

GPSVEC  TP  Point ID 174        DX   8482.403        DY   4169.304
        Class Normal        DZ   10749.592        Code 125+00W NR
        Mthd Phase Diff.     H.pr 0.025           V.pr 0.036

GPSQC1  NM  Min SVs       7              PDOP max  0.8
        Total GPS pos  5              HDOP max  0.4
        Monitor status Yes            VDOP max  0.6
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1064 sec 407325.0       End wk 1064   sec 407329.0

INIT    KI  Init event    Lost            Week        1064
        Init type     On the fly        seconds      407356.0
        Init counter  57               Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

INIT    KI  Init event    Gained          Week        1064
        Init type     On the fly        seconds      407395.0
        Init counter  58               Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

GPSVEC  TP  Point ID 175        DX   8482.407        DY   4169.303
        Class Normal        DZ   10749.587        Code 125+00W NR
        Mthd Phase Diff.     H.pr 0.030           V.pr 0.044
```

GPSQC1 NM Min SVs 7 PDOP max 0.7
Total GPS pos 5 HDOP max 0.4
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1064 sec 407403.0 End wk 1064 sec 407408.0

GPSVEC TP Point ID 2022 DX 8483.613 DY 4168.200
Class Normal DZ 10748.384 Code TOP LEVEE
Mthd Phase Diff. H.pr 0.032 V.pr 0.046

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1064 sec 407436.0 End wk 1064 sec 407439.0

INIT KI Init event Lost Week 1064
Init type On the fly seconds 407449.0
Init counter 58 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1064
Init type On the fly seconds 407572.0
Init counter 59 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 176 DX 9225.482 DY 4335.868
Class Normal DZ 11409.851 Code 135+00W NR
Mthd Phase Diff. H.pr 0.027 V.pr 0.040

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1064 sec 407582.0 End wk 1064 sec 407585.0

INIT KI Init event Lost Week 1064
Init type On the fly seconds 407614.0
Init counter 59 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

```
INIT   KI  Init event   Gained          Week        1064
       Init type    On the fly        seconds     407654.0
       Init counter  60               Point ID    <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>

GPSVEC  TP  Point ID 177       DX  9225.482       DY  4335.856
       Class Normal        DZ  11409.851       Code 135+00W NR
       Mthd Phase Diff.    H.pr 0.022          V.pr 0.033

GPSQC1  NM  Min SVs      6              PDOP max  1.0
       Total GPS pos  6              HDOP max  0.5
       Monitor status Yes            VDOP max  0.8
       Horizontal SD  0.000           Vert SD   0.000
       Start wk 1064 sec 407662.0       End wk 1064   sec 407667.0

GPSVEC  TP  Point ID 2023      DX  9227.299       DY  4334.154
       Class Normal        DZ  11408.165       Code TOP LEVEE
       Mthd Phase Diff.    H.pr 0.023          V.pr 0.034

GPSQC1  NM  Min SVs      6              PDOP max  1.1
       Total GPS pos  5              HDOP max  0.6
       Monitor status Yes            VDOP max  0.9
       Horizontal SD  0.000           Vert SD   0.000
       Start wk 1064 sec 407692.0       End wk 1064   sec 407696.0

INIT   KI  Init event   Lost            Week        1064
       Init type    On the fly        seconds     407707.0
       Init counter  60               Point ID    <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>

INIT   KI  Init event   Gained          Week        1064
       Init type    On the fly        seconds     407814.0
       Init counter  61               Point ID    <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>

GPSVEC  TP  Point ID 178       DX  9975.095       DY  4503.233
       Class Normal        DZ  12076.519       Code 145+00W NR
       Mthd Phase Diff.    H.pr 0.029          V.pr 0.043
```

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1064 sec 407821.0 End wk 1064 sec 407826.0

INIT KI Init event Lost Week 1064
Init type On the fly seconds 407832.0
Init counter 61 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1064
Init type On the fly seconds 407863.0
Init counter 62 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 179 DX 9975.077 DY 4503.254
Class Normal DZ 12076.513 Code 145+00W NR
Mthd Phase Diff. H.pr 0.025 V.pr 0.037

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1064 sec 407872.0 End wk 1064 sec 407876.0

GPSVEC TP Point ID 2024 DX 9976.785 DY 4501.771
Class Normal DZ 12075.054 Code TOP LEVEE
Mthd Phase Diff. H.pr 0.035 V.pr 0.052

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 4 HDOP max 0.7
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1064 sec 407902.0 End wk 1064 sec 407906.0

INIT KI Init event Lost Week 1064
Init type On the fly seconds 407915.0
Init counter 62 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

```
INIT   KI  Init event   Gained          Week        1064
        Init type    On the fly       seconds      408048.0
        Init counter  63              Point ID     <no text>
        Survey type   Real Time        Plate H. Dist <null>
        Plate V. Dist <null>          Plate azimuth <null>

GPSVEC  TP  Point ID 180       DX  10667.664       DY  4721.507
        Class Normal        DZ  12780.649       Code 155+00W NR
        Mthd Phase Diff.    H.pr 0.023          V.pr 0.034

GPSQC1  NM  Min SVs      6              PDOP max  1.0
        Total GPS pos  7              HDOP max  0.6
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1064 sec 408087.0       End wk 1064   sec 408096.0

INIT   KI  Init event   Lost            Week        1064
        Init type    On the fly       seconds      408101.0
        Init counter  63              Point ID     <no text>
        Survey type   Real Time        Plate H. Dist <null>
        Plate V. Dist <null>          Plate azimuth <null>

INIT   KI  Init event   Gained          Week        1064
        Init type    On the fly       seconds      408138.0
        Init counter  64              Point ID     <no text>
        Survey type   Real Time        Plate H. Dist <null>
        Plate V. Dist <null>          Plate azimuth <null>

GPSVEC  TP  Point ID 181       DX  10667.620       DY  4721.525
        Class Normal        DZ  12780.663       Code 155+00W NR
        Mthd Phase Diff.    H.pr 0.027          V.pr 0.040

GPSQC1  NM  Min SVs      6              PDOP max  1.2
        Total GPS pos  5              HDOP max  0.7
        Monitor status Yes            VDOP max  1.0
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1064 sec 408144.0       End wk 1064   sec 408148.0

GPSVEC  TP  Point ID 2025      DX  10670.108       DY  4720.098
        Class Normal        DZ  12779.847       Code TOP LEVEE
        Mthd Phase Diff.    H.pr 0.026          V.pr 0.039
```

```
GPSQC1  NM  Min SVs      6              PDOP max  1.5
        Total GPS pos  3              HDOP max  0.8
        Monitor status Yes            VDOP max  1.3
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1064 sec 408181.0       End wk 1064   sec 408183.0

INIT    KI  Init event    Lost            Week        1064
        Init type     On the fly        seconds      408190.0
        Init counter  64               Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

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INIT    KI  Init event    Gained          Week        1064
        Init type     On the fly        seconds      408602.0
        Init counter  65               Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

GPSVEC  TP  Point ID 182       DX   11053.565       DY   4476.697
        Class Normal        DZ   12652.509       Code 155+00E NR
        Mthd Phase Diff.    H.pr 0.038           V.pr 0.057

GPSQC1  NM  Min SVs      6              PDOP max  0.6
        Total GPS pos  25             HDOP max  0.4
        Monitor status Yes            VDOP max  0.5
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1064 sec 408606.0       End wk 1064   sec 408635.0

INIT    KI  Init event    Lost            Week        1064
        Init type     On the fly        seconds      408641.0
        Init counter  65               Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

INIT    KI  Init event    Gained          Week        1064
        Init type     On the fly        seconds      408721.0
        Init counter  66               Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

GPSVEC  TP  Point ID 183       DX   11049.559       DY   4476.638
        Class Normal        DZ   12657.766       Code 155+00E NR
        Mthd Phase Diff.    H.pr 0.036           V.pr 0.044
```

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1064 sec 408726.0 End wk 1064 sec 408728.0

INIT KI Init event Lost Week 1064
Init type On the fly seconds 408754.0
Init counter 66 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1064
Init type On the fly seconds 408784.0
Init counter 67 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 184 DX 11049.552 DY 4476.663
Class Normal DZ 12657.763 Code 155+00E NR
Mthd Phase Diff. H.pr 0.031 V.pr 0.038

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1064 sec 408789.0 End wk 1064 sec 408794.0

GPSVEC TP Point ID 2026 DX 11047.132 DY 4478.308
Class Normal DZ 12658.486 Code TOP LEVEE
Mthd Phase Diff. H.pr 0.032 V.pr 0.040

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1064 sec 408824.0 End wk 1064 sec 408826.0

INIT KI Init event Lost Week 1064
Init type On the fly seconds 408836.0
Init counter 67 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

```
INIT   KI  Init event    Gained          Week        1064
       Init type     On the fly        seconds      410156.0
       Init counter  68               Point ID     <no text>
       Survey type   Real Time          Plate H. Dist <null>
       Plate V. Dist <null>            Plate azimuth <null>

GPSVEC TP  Point ID 185        DX  8264.148        DY  3140.723
       Class Normal        DZ  9184.474        Code 105+00E NR
       Mthd Phase Diff.    H.pr 0.019          V.pr 0.035

GPSQC1 NM  Min SVs       6              PDOP max  1.0
       Total GPS pos  8              HDOP max  0.5
       Monitor status Yes            VDOP max  0.9
       Horizontal SD  0.000           Vert SD   0.000
       Start wk 1064 sec 410189.0       End wk 1064   sec 410196.0

INIT   KI  Init event    Lost            Week        1064
       Init type     On the fly        seconds      410202.0
       Init counter  68               Point ID     <no text>
       Survey type   Real Time          Plate H. Dist <null>
       Plate V. Dist <null>            Plate azimuth <null>

INIT   KI  Init event    Gained          Week        1064
       Init type     On the fly        seconds      410234.0
       Init counter  69               Point ID     <no text>
       Survey type   Real Time          Plate H. Dist <null>
       Plate V. Dist <null>            Plate azimuth <null>

GPSVEC TP  Point ID 186        DX  8264.142        DY  3140.725
       Class Normal        DZ  9184.480        Code 105+00E NR
       Mthd Phase Diff.    H.pr 0.024          V.pr 0.044

GPSQC1 NM  Min SVs       6              PDOP max  1.1
       Total GPS pos  6              HDOP max  0.5
       Monitor status Yes            VDOP max  0.9
       Horizontal SD  0.000           Vert SD   0.000
       Start wk 1064 sec 410239.0       End wk 1064   sec 410245.0

GPSVEC TP  Point ID 2027       DX  8262.406        DY  3141.881
       Class Normal        DZ  9184.644        Code TOP LEVEE
       Mthd Phase Diff.    H.pr 0.020          V.pr 0.035
```

```
GPSQC1  NM  Min SVs      6            PDOP max  1.0
        Total GPS pos  8            HDOP max  0.5
        Monitor status Yes          VDOP max  0.8
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1064 sec 410269.0      End wk 1064   sec 410277.0

INIT    KI  Init event    Lost          Week        1064
        Init type     On the fly      seconds      410285.0
        Init counter  69              Point ID     <no text>
        Survey type   Real Time         Plate H. Dist <null>
        Plate V. Dist <null>          Plate azimuth <null>

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INIT    KI  Init event    Gained        Week        1064
        Init type     On the fly      seconds      410473.0
        Init counter  70              Point ID     <no text>
        Survey type   Real Time         Plate H. Dist <null>
        Plate V. Dist <null>          Plate azimuth <null>

GPSVEC  TP  Point ID 187       DX  8473.638       DY  3651.343
        Class Normal        DZ  10019.430       Code 115+00E NR
        Mthd Phase Diff.    H.pr 0.019          V.pr 0.035

GPSQC1  NM  Min SVs      6            PDOP max  1.1
        Total GPS pos  6            HDOP max  0.5
        Monitor status Yes          VDOP max  1.0
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1064 sec 410486.0      End wk 1064   sec 410494.0

INIT    KI  Init event    Lost          Week        1064
        Init type     On the fly      seconds      410501.0
        Init counter  70              Point ID     <no text>
        Survey type   Real Time         Plate H. Dist <null>
        Plate V. Dist <null>          Plate azimuth <null>

INIT    KI  Init event    Gained        Week        1064
        Init type     On the fly      seconds      410533.0
        Init counter  71              Point ID     <no text>
        Survey type   Real Time         Plate H. Dist <null>
        Plate V. Dist <null>          Plate azimuth <null>

GPSVEC  TP  Point ID 188       DX  8473.626       DY  3651.338
        Class Normal        DZ  10019.437       Code 115+00E NR
        Mthd Phase Diff.    H.pr 0.023          V.pr 0.043
```

```
GPSQC1  NM  Min SVs      6              PDOP max  1.3
        Total GPS pos  5              HDOP max  0.6
        Monitor status Yes            VDOP max  1.1
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1064 sec 410538.0       End wk 1064   sec 410544.0

EQUIP   NM  Receiver  4800              Serial no 20152374
        Antenna   4800 Internal
        Method    Measured to bottom of antenna mount
        Tape adj  0.000              Serial no <no text>
        Radius    0.000              V.Const   0.511

GPSANT  KI  Antenna ht 5.906             Measuremt Uncorrected

EQUIP   NM  Receiver  4800              Serial no 20152374
        Antenna   4800 Internal
        Method    Measured to bottom of antenna mount
        Tape adj  0.000              Serial no <no text>
        Radius    0.000              V.Const   0.511

GPSANT  KI  Antenna ht 5.906             Measuremt Uncorrected

GPSVEC  TP  Point ID 2029       DX   8470.946        DY   3652.995
        Class Normal        DZ   10019.685        Code TOP LEVEE
        Mthd Phase Diff.    H.pr 0.024           V.pr 0.044

GPSQC1  NM  Min SVs      6              PDOP max  1.4
        Total GPS pos  4              HDOP max  0.7
        Monitor status Yes            VDOP max  1.2
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1064 sec 410577.0       End wk 1064   sec 410581.0

INIT    KI  Init event    Lost            Week        1064
        Init type     On the fly       seconds      410591.0
        Init counter  71               Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

INIT    KI  Init event    Gained          Week        1064
        Init type     On the fly       seconds      410693.0
        Init counter  72               Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>
```

GPSVEC TP Point ID 189 DX 8903.075 DY 3907.056
Class Normal DZ 10625.224 Code 125+00E NR
Mthd Phase Diff. H.pr 0.021 V.pr 0.039

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1064 sec 410702.0 End wk 1064 sec 410704.0

INIT KI Init event Lost Week 1064
Init type On the fly seconds 410708.0
Init counter 72 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1064
Init type On the fly seconds 410742.0
Init counter 73 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 190 DX 8903.092 DY 3907.005
Class Normal DZ 10625.229 Code 125+00E NR
Mthd Phase Diff. H.pr 0.019 V.pr 0.036

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1064 sec 410747.0 End wk 1064 sec 410754.0

INIT KI Init event Lost Week 1064
Init type On the fly seconds 410766.0
Init counter 73 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1064
Init type On the fly seconds 410803.0
Init counter 74 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 191 DX 8903.097 DY 3907.012
Class Normal DZ 10625.214 Code 125+00E NR
Mthd Phase Diff. H.pr 0.026 V.pr 0.049

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 8 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1064 sec 410808.0 End wk 1064 sec 410817.0

GPSVEC TP Point ID 2028 DX 8901.474 DY 3909.273
Class Normal DZ 10626.997 Code TOP LEVEE
Mthd Phase Diff. H.pr 0.027 V.pr 0.052

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1064 sec 410848.0 End wk 1064 sec 410854.0

INIT KI Init event Lost Week 1064
Init type On the fly seconds 410860.0
Init counter 74 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1064
Init type On the fly seconds 410966.0
Init counter 75 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 192 DX 9670.754 DY 4079.387
Class Normal DZ 11307.830 Code 135+00E NR
Mthd Phase Diff. H.pr 0.018 V.pr 0.035

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 7 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1064 sec 410981.0 End wk 1064 sec 410987.0

```
INIT   KI  Init event   Lost            Week        1064
        Init type    On the fly       seconds      410993.0
        Init counter  75              Point ID     <no text>
        Survey type   Real Time         Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

INIT   KI  Init event   Gained          Week        1064
        Init type    On the fly       seconds      411020.0
        Init counter  76              Point ID     <no text>
        Survey type   Real Time         Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

GPSVEC  TP  Point ID 193       DX  9670.743        DY  4079.366
        Class Normal        DZ  11307.832       Code 135+00E NR
        Mthd Phase Diff.    H.pr 0.023          V.pr 0.044

GPSQC1  NM  Min SVs      6              PDOP max  1.2
        Total GPS pos  5              HDOP max  0.5
        Monitor status Yes            VDOP max  1.1
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1064 sec 411033.0       End wk 1064   sec 411037.0

GPSVEC  TP  Point ID 2030      DX  9669.127        DY  4081.036
        Class Normal        DZ  11308.908       Code TOP LEVEE
        Mthd Phase Diff.    H.pr 0.027          V.pr 0.052

GPSQC1  NM  Min SVs      6              PDOP max  1.2
        Total GPS pos  5              HDOP max  0.5
        Monitor status Yes            VDOP max  1.1
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1064 sec 411072.0       End wk 1064   sec 411077.0

INIT   KI  Init event   Lost            Week        1064
        Init type    On the fly       seconds      411094.0
        Init counter  76              Point ID     <no text>
        Survey type   Real Time         Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

INIT   KI  Init event   Gained          Week        1064
        Init type    On the fly       seconds      411351.0
        Init counter  77              Point ID     <no text>
        Survey type   Real Time         Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>
```

GPSVEC TP Point ID 194 DX 10439.748 DY 4238.600
Class Normal DZ 11974.552 Code 145+00E NR
Mthd Phase Diff. H.pr 0.021 V.pr 0.043

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 7 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1064 sec 411383.0 End wk 1064 sec 411389.0

INIT KI Init event Lost Week 1064
Init type On the fly seconds 411393.0
Init counter 77 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1064
Init type On the fly seconds 411427.0
Init counter 78 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 195 DX 10439.747 DY 4238.594
Class Normal DZ 11974.535 Code 145+00E NR
Mthd Phase Diff. H.pr 0.028 V.pr 0.057

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1064 sec 411435.0 End wk 1064 sec 411439.0

GPSVEC TP Point ID 2031 DX 10438.782 DY 4240.462
Class Normal DZ 11976.446 Code TOP LEVEE
Mthd Phase Diff. H.pr 0.022 V.pr 0.045

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1064 sec 411465.0 End wk 1064 sec 411468.0

INIT KI Init event Lost Week 1064
Init type On the fly seconds 411494.0
Init counter 78 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

NOTE TS Time Date 06/01/2000 Time 18:35:59

INIT KI Init event Gained Week 1064
Init type On the fly seconds 412570.0
Init counter 79 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 196 DX 10791.116 DY 4928.466
Class Normal DZ 13163.781 Code MCHD BC T/WL SWC
Mthd Phase Diff. H.pr 0.018 V.pr 0.038

F-CODE TP Code MCHD BC T/WL SWC NTH BR

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1064 sec 412614.0 End wk 1064 sec 412619.0

INIT KI Init event Lost Week 1064
Init type On the fly seconds 412624.0
Init counter 79 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1064
Init type On the fly seconds 412650.0
Init counter 80 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 197 DX 10791.120 DY 4928.490
Class Normal DZ 13163.759 Code MCHD BC T/WL SWC
Mthd Phase Diff. H.pr 0.019 V.pr 0.039

F-CODE TP Code MCHD BC T/WL SWC NTH BR

```
GPSQC1  NM  Min SVs      6              PDOP max  0.9
        Total GPS pos  10             HDOP max  0.4
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1064 sec 412655.0       End wk 1064   sec 412667.0

INIT    KI  Init event    Lost            Week        1064
        Init type     On the fly        seconds      412679.0
        Init counter  80               Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

INIT    KI  Init event    Gained          Week        1064
        Init type     On the fly        seconds      412711.0
        Init counter  81               Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

GPSVEC  TP  Point ID 198       DX   10791.129       DY   4928.471
        Class Normal        DZ   13163.771       Code MCHD BC T/WL SWC
        Mthd Phase Diff.    H.pr 0.016           V.pr 0.035

F-CODE  TP  Code MCHD BC T/WL SWC NTH BR

GPSQC1  NM  Min SVs      6              PDOP max  1.3
        Total GPS pos  4              HDOP max  0.5
        Monitor status Yes            VDOP max  1.1
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1064 sec 412715.0       End wk 1064   sec 412719.0

EQUIP   NM  Receiver  4800                Serial no 20152374
        Antenna   4800 Internal
        Method    Measured to bottom of antenna mount
        Tape adj  0.000               Serial no <no text>
        Radius    0.000               V.Const   0.511

SURVEY EVENTKISurvey event Rover survey started

NOTE    TS  Time Date 06/01/2000 Time 18:57:42

GPSANT  KI  Antenna ht 5.430              Measuremt True

GPSREF  KI  Reference BAS2
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INIT   KI  Init event   Gained          Week        1064
       Init type    On the fly        seconds     413905.0
       Init counter  1               Point ID     <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>

EQUIP  NM  Receiver  4800                Serial no 20152374
       Antenna   4800 Internal
       Method    Measured to bottom of antenna mount
       Tape adj  0.000                 Serial no <no text>
       Radius    0.000                 V.Const   0.511

GPSANT  KI  Antenna ht 5.906              Measuremt Uncorrected

GPSVEC  TP  Point ID 199        DX  -3939.840        DY  -1568.148
       Class Normal        DZ  -4463.283        Code ADOT BC T/W NEC
       Mthd Phase Diff.    H.pr 0.028           V.pr 0.058

F-CODE  TP  Code ADOT BC T/W NEC IN SCH BR

GPSQC1  NM  Min SVs       7               PDOP max  1.0
       Total GPS pos  8               HDOP max  0.4
       Monitor status Yes             VDOP max  0.9
       Horizontal SD  0.000            Vert SD   0.000
       Start wk 1064 sec 413958.0       End wk 1064   sec 413966.0

INIT   KI  Init event   Lost            Week        1064
       Init type    On the fly        seconds     413972.0
       Init counter  1               Point ID     <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>

INIT   KI  Init event   Gained          Week        1064
       Init type    On the fly        seconds     414004.0
       Init counter  2               Point ID     <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>

GPSVEC  TP  Point ID 200        DX  -3939.830        DY  -1568.159
       Class Normal        DZ  -4463.299        Code ADOT BC T/W NEC
       Mthd Phase Diff.    H.pr 0.021           V.pr 0.045

F-CODE  TP  Code ADOT BC T/W NEC IN SCH BR
```

```
GPSQC1  NM  Min SVs      7              PDOP max  0.9
        Total GPS pos  11             HDOP max  0.4
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1064 sec 414009.0      End wk 1064   sec 414024.0

INIT    KI  Init event    Lost            Week        1064
        Init type     On the fly        seconds      414047.0
        Init counter  2               Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

SURVEY  KI  Elev mask 10                PDOP mask 6.0

EQUIP   BA  Receiver  4800               Serial no 20141803
        Antenna   4800 Internal
        Method    Reading from hook using 4800 tape
        Tape adj  0.000               Serial no <no text>
        Radius    0.358               V.Const   0.104

SURVEY EVENTKISurvey event Base survey started

NOTE    TS  Time Date 06/20/2000 Time 15:00:46

EQUIP   BA  Receiver  4800               Serial no 20141803
        Antenna   4800 Internal
        Method    Reading from hook using 4800 tape
        Tape adj  0.000               Serial no <no text>
        Radius    0.358               V.Const   0.104

GPSANT  KI  Antenna ht 5.331            Measuremt Uncorrected

EQUIP   BA  Receiver  4800               Serial no 20141803
        Antenna   4800 Internal
        Method    Reading from hook using 4800 tape
        Tape adj  0.000               Serial no <no text>
        Radius    0.358               V.Const   0.104

GPSANT  KI  Antenna ht 5.331            Measuremt Uncorrected

EQUIP   BA  Receiver  4800               Serial no 20141803
        Antenna   4800 Internal
        Method    Reading from hook using 4800 tape
        Tape adj  0.000               Serial no <no text>
        Radius    0.358               V.Const   0.104
```

```
GPSANT  KI  Antenna ht 5.331            Measuremt Uncorrected

GPSREF  KI  Reference BAS2

EQUIP   NM  Receiver  4800              Serial no 20152374
        Antenna   4800 Internal
        Method    Measured to bottom of antenna mount
        Tape adj  0.000              Serial no <no text>
        Radius    0.000              V.Const   0.511

SURVEY EVENTKISurvey event Rover survey started

NOTE    TS  Time Date 06/20/2000 Time 15:01:26

GPSANT  KI  Antenna ht 5.423            Measuremt True

GPSREF  KI  Reference BAS2

INIT    KI  Init event   Gained          Week        1067
        Init type     On the fly       seconds      226907.0
        Init counter  1               Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

EQUIP   NM  Receiver  4800              Serial no 20152374
        Antenna   4800 Internal
        Method    Measured to bottom of antenna mount
        Tape adj  0.000              Serial no <no text>
        Radius    0.000              V.Const   0.511

GPSANT  KI  Antenna ht 5.906            Measuremt Uncorrected

INIT    KI  Init event   Lost            Week        1067
        Init type     On the fly       seconds      226990.0
        Init counter  1               Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

INIT    KI  Init event   Gained          Week        1067
        Init type     On the fly       seconds      227423.0
        Init counter  2               Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>
```

```
INIT   KI  Init event   Lost          Week        1067
       Init type    On the fly       seconds     227476.0
       Init counter  2               Point ID    <no text>
       Survey type   Real Time        Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>

INIT   KI  Init event   Gained        Week        1067
       Init type    On the fly       seconds     227789.0
       Init counter  3               Point ID    <no text>
       Survey type   Real Time        Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>

GPSVEC TP  Point ID 201       DX  -1877.642       DY  -1399.409
       Class Normal       DZ  -3056.991       Code SG 10+00E CRS
       Mthd Phase Diff.    H.pr 0.025          V.pr 0.039

GPSQC1  NM  Min SVs      7            PDOP max  0.7
       Total GPS pos  8              HDOP max  0.4
       Monitor status Yes            VDOP max  0.6
       Horizontal SD  0.000          Vert SD   0.000
       Start wk 1067 sec 227927.0       End wk 1067   sec 227934.0

INIT   KI  Init event   Lost          Week        1067
       Init type    On the fly       seconds     227938.0
       Init counter  3               Point ID    <no text>
       Survey type   Real Time        Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>

INIT   KI  Init event   Gained        Week        1067
       Init type    On the fly       seconds     227967.0
       Init counter  4               Point ID    <no text>
       Survey type   Real Time        Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>

GPSVEC TP  Point ID 202       DX  -1877.671       DY  -1399.400
       Class Normal       DZ  -3056.987       Code SG 10+00E CRS
       Mthd Phase Diff.    H.pr 0.017          V.pr 0.031

GPSQC1  NM  Min SVs      6            PDOP max  0.8
       Total GPS pos  7              HDOP max  0.4
       Monitor status Yes            VDOP max  0.7
       Horizontal SD  0.000          Vert SD   0.000
       Start wk 1067 sec 227971.0       End wk 1067   sec 227978.0

NOTE   KI  LINE. Name: 1, Code: , Method: Two points, Start pt: 201,
```

NOTE KI End pt: 101, Azimuth: 124.421°, Length: 2930.223ft,

NOTE KI Grade: 0.026°

GPSVEC TP Point ID 2032 DX -1879.536 DY -1393.923
Class Normal DZ -3056.655 Code TOE LEVEE
Mthd Phase Diff. H.pr 0.022 V.pr 0.039

GPSQC1 NM Min SVs 6 PDOP max 0.9
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 228091.0 End wk 1067 sec 228096.0

GPSVEC TP Point ID 2033 DX -1884.214 DY -1388.886
Class Normal DZ -3053.637 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.038

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 228141.0 End wk 1067 sec 228144.0

GPSVEC TP Point ID 2034 DX -1894.689 DY -1377.912
Class Normal DZ -3046.572 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.039

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 228161.0 End wk 1067 sec 228164.0

GPSVEC TP Point ID 2035 DX -1905.196 DY -1367.077
Class Normal DZ -3038.756 Code GRD
Mthd Phase Diff. H.pr 0.031 V.pr 0.055

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 228185.0 End wk 1067 sec 228189.0

GPSVEC TP Point ID 2036 DX -1912.878 DY -1360.119
Class Normal DZ -3033.522 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.037

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 228203.0 End wk 1067 sec 228206.0

GPSVEC TP Point ID 2037 DX -1915.884 DY -1356.740
Class Normal DZ -3031.653 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.037

GPSQC1 NM Min SVs 6 PDOP max 0.9
Total GPS pos 4 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 228221.0 End wk 1067 sec 228228.0

GPSVEC TP Point ID 2038 DX -1923.304 DY -1349.749
Class Normal DZ -3026.252 Code GRD
Mthd Phase Diff. H.pr 0.017 V.pr 0.030

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 228250.0 End wk 1067 sec 228255.0

GPSVEC TP Point ID 2039 DX -1929.732 DY -1340.642
Class Normal DZ -3022.263 Code GRD
Mthd Phase Diff. H.pr 0.031 V.pr 0.049

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 228296.0 End wk 1067 sec 228303.0

GPSVEC TP Point ID 2040 DX -1936.211 DY -1333.638
Class Normal DZ -3017.739 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.041

```
GPSQC1  NM  Min SVs      7            PDOP max  1.0
        Total GPS pos  4            HDOP max  0.5
        Monitor status Yes          VDOP max  0.8
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1067 sec 228325.0      End wk 1067   sec 228328.0

GPSVEC  TP  Point ID 2041      DX  -1944.533      DY  -1326.727
        Class Normal       DZ  -3011.783      Code GRD
        Mthd Phase Diff.    H.pr 0.036         V.pr 0.057

GPSQC1  NM  Min SVs      7            PDOP max  0.9
        Total GPS pos  5            HDOP max  0.5
        Monitor status Yes          VDOP max  0.7
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1067 sec 228349.0      End wk 1067   sec 228353.0

GPSVEC  TP  Point ID 2042      DX  -1950.742      DY  -1315.050
        Class Normal       DZ  -3009.326      Code GRD
        Mthd Phase Diff.    H.pr 0.034         V.pr 0.054

GPSQC1  NM  Min SVs      7            PDOP max  0.9
        Total GPS pos  4            HDOP max  0.5
        Monitor status Yes          VDOP max  0.8
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1067 sec 228391.0      End wk 1067   sec 228394.0

GPSVEC  TP  Point ID 2043      DX  -1953.959      DY  -1309.999
        Class Normal       DZ  -3007.361      Code GRD
        Mthd Phase Diff.    H.pr 0.022         V.pr 0.035

GPSQC1  NM  Min SVs      7            PDOP max  0.9
        Total GPS pos  4            HDOP max  0.5
        Monitor status Yes          VDOP max  0.8
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1067 sec 228410.0      End wk 1067   sec 228413.0

GPSVEC  TP  Point ID 2044      DX  -1962.054      DY  -1302.082
        Class Normal       DZ  -3001.431      Code GRD
        Mthd Phase Diff.    H.pr 0.026         V.pr 0.042

GPSQC1  NM  Min SVs      7            PDOP max  0.9
        Total GPS pos  5            HDOP max  0.5
        Monitor status Yes          VDOP max  0.7
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1067 sec 228456.0      End wk 1067   sec 228460.0
```

GPSVEC TP Point ID 2045 DX -1975.886 DY -1289.455
Class Normal DZ -2991.639 Code GRD
Mthd Phase Diff. H.pr 0.020 V.pr 0.032

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 228506.0 End wk 1067 sec 228509.0

GPSVEC TP Point ID 2046 DX -1989.036 DY -1277.151
Class Normal DZ -2981.989 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.037

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 228530.0 End wk 1067 sec 228533.0

GPSVEC TP Point ID 2047 DX -2001.791 DY -1265.122
Class Normal DZ -2972.800 Code GRD
Mthd Phase Diff. H.pr 0.032 V.pr 0.051

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 228548.0 End wk 1067 sec 228551.0

GPSVEC TP Point ID 2048 DX -2014.387 DY -1253.654
Class Normal DZ -2963.618 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.033

GPSQC1 NM Min SVs 7 PDOP max 0.7
Total GPS pos 4 HDOP max 0.4
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 228577.0 End wk 1067 sec 228585.0

GPSVEC TP Point ID 2049 DX -2027.082 DY -1241.822
Class Normal DZ -2954.410 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.040

```
GPSQC1  NM  Min SVs      7            PDOP max  0.9
        Total GPS pos  4            HDOP max  0.5
        Monitor status Yes          VDOP max  0.8
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1067 sec 228598.0      End wk 1067   sec 228601.0

NOTE    TS  Time Date 06/20/2000 Time 15:30:11

GPSVEC  TP  Point ID 2050      DX  -2040.051       DY  -1229.655
        Class Normal       DZ  -2945.134       Code GRD
        Mthd Phase Diff.    H.pr 0.023          V.pr 0.037

GPSQC1  NM  Min SVs      7            PDOP max  1.0
        Total GPS pos  3            HDOP max  0.6
        Monitor status Yes          VDOP max  0.9
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1067 sec 228621.0      End wk 1067   sec 228623.0

GPSVEC  TP  Point ID 2051      DX  -2053.237       DY  -1217.318
        Class Normal       DZ  -2935.800       Code GRD
        Mthd Phase Diff.    H.pr 0.020          V.pr 0.032

GPSQC1  NM  Min SVs      7            PDOP max  0.9
        Total GPS pos  4            HDOP max  0.5
        Monitor status Yes          VDOP max  0.8
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1067 sec 228640.0      End wk 1067   sec 228643.0

GPSVEC  TP  Point ID 2052      DX  -2066.771       DY  -1204.776
        Class Normal       DZ  -2925.944       Code GRD
        Mthd Phase Diff.    H.pr 0.020          V.pr 0.032

GPSQC1  NM  Min SVs      7            PDOP max  0.9
        Total GPS pos  3            HDOP max  0.5
        Monitor status Yes          VDOP max  0.8
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1067 sec 228672.0      End wk 1067   sec 228674.0

INIT    KI  Init event    Lost          Week        1067
        Init type    On the fly       seconds     228680.0
        Init counter  4              Point ID     <no text>
        Survey type   Real Time        Plate H. Dist <null>
        Plate V. Dist <null>         Plate azimuth <null>
```

```
INIT   KI  Init event   Gained          Week        1067
       Init type    On the fly        seconds      228916.0
       Init counter  5               Point ID     <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>

NOTE   KI  LINE. Name: 1, Code: , Method: Two points, Start pt: 201,

NOTE   KI  End pt: 123, Azimuth: 120.923°, Length: 7.617ft,

NOTE   KI  Grade: 34.938°

GPSVEC  TP  Point ID 203       DX  -1479.353       DY  -979.115
       Class Normal        DZ  -2241.118       Code SG 20+00E CRS
       Mthd Phase Diff.    H.pr 0.022          V.pr 0.035

GPSQC1  NM  Min SVs       7              PDOP max  0.8
       Total GPS pos  4              HDOP max  0.4
       Monitor status Yes            VDOP max  0.7
       Horizontal SD  0.000           Vert SD   0.000
       Start wk 1067 sec 229223.0       End wk 1067   sec 229227.0

INIT   KI  Init event   Lost            Week        1067
       Init type    On the fly        seconds      229232.0
       Init counter  5               Point ID     <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>

INIT   KI  Init event   Gained          Week        1067
       Init type    On the fly        seconds      229259.0
       Init counter  6               Point ID     <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>

GPSVEC  TP  Point ID 204       DX  -1479.334       DY  -979.116
       Class Normal        DZ  -2241.117       Code SG 20+00E CRS
       Mthd Phase Diff.    H.pr 0.022          V.pr 0.034

GPSQC1  NM  Min SVs       7              PDOP max  0.7
       Total GPS pos  6              HDOP max  0.4
       Monitor status Yes            VDOP max  0.6
       Horizontal SD  0.000           Vert SD   0.000
       Start wk 1067 sec 229268.0       End wk 1067   sec 229274.0

NOTE   KI  LINE. Name: 2, Code: , Method: Two points, Start pt: 204,
```

NOTE KI End pt: 126, Azimuth: 107.904°, Length: 7.478ft,

NOTE KI Grade: 36.784°

GPSVEC TP Point ID 2053 DX -1480.086 DY -976.767
Class Normal DZ -2241.718 Code TOE LEVEE
Mthd Phase Diff. H.pr 0.023 V.pr 0.036

GPSQC1 NM Min SVs 6 PDOP max 0.7
Total GPS pos 4 HDOP max 0.4
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 229344.0 End wk 1067 sec 229348.0

GPSVEC TP Point ID 2054 DX -1490.845 DY -968.742
Class Normal DZ -2238.943 Code GRD
Mthd Phase Diff. H.pr 0.035 V.pr 0.054

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 229365.0 End wk 1067 sec 229368.0

GPSVEC TP Point ID 2055 DX -1505.880 DY -959.040
Class Normal DZ -2234.374 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.041

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 3 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 229387.0 End wk 1067 sec 229393.0

GPSVEC TP Point ID 2056 DX -1520.589 DY -950.050
Class Normal DZ -2229.503 Code GRD
Mthd Phase Diff. H.pr 0.030 V.pr 0.046

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 5 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 229408.0 End wk 1067 sec 229412.0

GPSVEC TP Point ID 2057 DX -1526.875 DY -945.690
Class Normal DZ -2228.109 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.033

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 229431.0 End wk 1067 sec 229434.0

GPSVEC TP Point ID 2058 DX -1537.105 DY -934.545
Class Normal DZ -2227.158 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.031

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 229452.0 End wk 1067 sec 229455.0

GPSVEC TP Point ID 2059 DX -1546.966 DY -924.431
Class Normal DZ -2225.928 Code GRD
Mthd Phase Diff. H.pr 0.029 V.pr 0.044

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 229471.0 End wk 1067 sec 229474.0

GPSVEC TP Point ID 2060 DX -1557.105 DY -914.087
Class Normal DZ -2224.353 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.038

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 229492.0 End wk 1067 sec 229495.0

GPSVEC TP Point ID 2061 DX -1569.563 DY -904.228
Class Normal DZ -2221.621 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.035

```
GPSQC1  NM  Min SVs      7            PDOP max  0.8
        Total GPS pos  4            HDOP max  0.4
        Monitor status Yes          VDOP max  0.7
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1067 sec 229511.0      End wk 1067   sec 229515.0

GPSVEC  TP  Point ID 2062      DX  -1587.690      DY  -893.541
        Class Normal        DZ  -2215.478      Code GRD
        Mthd Phase Diff.    H.pr 0.029         V.pr 0.044

GPSQC1  NM  Min SVs      7            PDOP max  0.9
        Total GPS pos  4            HDOP max  0.5
        Monitor status Yes          VDOP max  0.7
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1067 sec 229534.0      End wk 1067   sec 229537.0

GPSVEC  TP  Point ID 2063      DX  -1604.779      DY  -883.756
        Class Normal        DZ  -2209.701      Code GRD
        Mthd Phase Diff.    H.pr 0.021         V.pr 0.031

GPSQC1  NM  Min SVs      7            PDOP max  0.9
        Total GPS pos  3            HDOP max  0.5
        Monitor status Yes          VDOP max  0.7
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1067 sec 229560.0      End wk 1067   sec 229562.0

GPSVEC  TP  Point ID 2064      DX  -1621.529      DY  -873.693
        Class Normal        DZ  -2204.396      Code GRD
        Mthd Phase Diff.    H.pr 0.026         V.pr 0.039

GPSQC1  NM  Min SVs      7            PDOP max  0.9
        Total GPS pos  4            HDOP max  0.5
        Monitor status Yes          VDOP max  0.7
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1067 sec 229579.0      End wk 1067   sec 229582.0

GPSVEC  TP  Point ID 2065      DX  -1638.368      DY  -863.619
        Class Normal        DZ  -2199.020      Code GRD
        Mthd Phase Diff.    H.pr 0.025         V.pr 0.038

GPSQC1  NM  Min SVs      7            PDOP max  0.9
        Total GPS pos  4            HDOP max  0.5
        Monitor status Yes          VDOP max  0.7
        Horizontal SD  0.000         Vert SD   0.000
        Start wk 1067 sec 229595.0      End wk 1067   sec 229598.0
```

GPSVEC TP Point ID 2066 DX -1654.612 DY -854.338
Class Normal DZ -2193.493 Code GRD
Mthd Phase Diff. H.pr 0.028 V.pr 0.042

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 229619.0 End wk 1067 sec 229621.0

GPSVEC TP Point ID 2067 DX -1670.895 DY -843.911
Class Normal DZ -2188.557 Code GRD
Mthd Phase Diff. H.pr 0.031 V.pr 0.046

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 229641.0 End wk 1067 sec 229643.0

GPSVEC TP Point ID 2068 DX -1687.262 DY -833.000
Class Normal DZ -2183.657 Code GRD
Mthd Phase Diff. H.pr 0.029 V.pr 0.044

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 229662.0 End wk 1067 sec 229665.0

GPSVEC TP Point ID 2069 DX -1702.886 DY -822.027
Class Normal DZ -2179.269 Code GRD
Mthd Phase Diff. H.pr 0.032 V.pr 0.048

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 229687.0 End wk 1067 sec 229690.0

GPSVEC TP Point ID 2070 DX -1707.170 DY -817.857
Class Normal DZ -2178.670 Code GRD
Mthd Phase Diff. H.pr 0.032 V.pr 0.048

```
GPSQC1  NM  Min SVs      7              PDOP max  0.9
        Total GPS pos  4              HDOP max  0.5
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1067 sec 229701.0       End wk 1067   sec 229704.0

GPSVEC  TP  Point ID 2071       DX  -1712.696       DY  -814.004
        Class Normal        DZ  -2176.968       Code GRD
        Mthd Phase Diff.    H.pr 0.038          V.pr 0.056

GPSQC1  NM  Min SVs      7              PDOP max  0.9
        Total GPS pos  3              HDOP max  0.5
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1067 sec 229717.0       End wk 1067   sec 229720.0

GPSVEC  TP  Point ID 2072       DX  -1715.656       DY  -812.858
        Class Normal        DZ  -2175.754       Code GRD
        Mthd Phase Diff.    H.pr 0.028          V.pr 0.042

GPSQC1  NM  Min SVs      7              PDOP max  1.0
        Total GPS pos  3              HDOP max  0.5
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1067 sec 229733.0       End wk 1067   sec 229735.0

GPSVEC  TP  Point ID 2073       DX  -1719.596       DY  -810.403
        Class Normal        DZ  -2174.486       Code GRD
        Mthd Phase Diff.    H.pr 0.022          V.pr 0.033

GPSQC1  NM  Min SVs      7              PDOP max  0.9
        Total GPS pos  4              HDOP max  0.5
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1067 sec 229749.0       End wk 1067   sec 229752.0

INIT    KI  Init event    Lost          Week        1067
        Init type     On the fly      seconds     229757.0
        Init counter  6               Point ID    <no text>
        Survey type   Real Time        Plate H. Dist <null>
        Plate V. Dist <null>          Plate azimuth <null>
```

```
INIT   KI Init event   Gained          Week        1067
       Init type    On the fly       seconds     230059.0
       Init counter 7               Point ID    <no text>
       Survey type  Real Time         Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>

GPSVEC TP Point ID 205       DX  -1070.106       DY  -561.066
       Class Normal       DZ  -1421.403       Code SG 30+00E CRS
       Mthd Phase Diff.   H.pr 0.031          V.pr 0.047

GPSQC1 NM Min SVs      6              PDOP max  1.1
       Total GPS pos 6              HDOP max  0.6
       Monitor status Yes           VDOP max  0.9
       Horizontal SD 0.000           Vert SD   0.000
       Start wk 1067 sec 230299.0       End wk 1067   sec 230304.0

INIT   KI Init event   Lost            Week        1067
       Init type    On the fly       seconds     230309.0
       Init counter 7               Point ID    <no text>
       Survey type  Real Time         Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>

INIT   KI Init event   Gained          Week        1067
       Init type    On the fly       seconds     230338.0
       Init counter 8               Point ID    <no text>
       Survey type  Real Time         Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>

GPSVEC TP Point ID 206       DX  -1070.129       DY  -561.070
       Class Normal       DZ  -1421.417       Code SG 30+00E CRS
       Mthd Phase Diff.   H.pr 0.027          V.pr 0.040

GPSQC1 NM Min SVs      6              PDOP max  1.0
       Total GPS pos 6              HDOP max  0.6
       Monitor status Yes           VDOP max  0.8
       Horizontal SD 0.000           Vert SD   0.000
       Start wk 1067 sec 230344.0       End wk 1067   sec 230349.0

NOTE   KI LINE. Name: 3, Code: , Method: Two points, Start pt: 206,

NOTE   KI End pt: 129, Azimuth: 102.068°, Length: 9.266ft,

NOTE   KI Grade: 33.894°
```

GPSVEC TP Point ID 2074 DX -1070.376 DY -557.825
Class Normal DZ -1422.799 Code TOE LEVEE
Mthd Phase Diff. H.pr 0.031 V.pr 0.046

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 230416.0 End wk 1067 sec 230418.0

NOTE TS Time Date 06/20/2000 Time 16:00:28

GPSVEC TP Point ID 2075 DX -1075.062 DY -555.048
Class Normal DZ -1422.210 Code GRD
Mthd Phase Diff. H.pr 0.040 V.pr 0.059

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 5 HDOP max 0.7
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 230436.0 End wk 1067 sec 230440.0

GPSVEC TP Point ID 2076 DX -1086.340 DY -548.973
Class Normal DZ -1419.882 Code GRD
Mthd Phase Diff. H.pr 0.029 V.pr 0.043

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 4 HDOP max 0.7
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 230480.0 End wk 1067 sec 230483.0

GPSVEC TP Point ID 2077 DX -1096.916 DY -543.104
Class Normal DZ -1417.899 Code GRD
Mthd Phase Diff. H.pr 0.032 V.pr 0.047

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 5 HDOP max 0.7
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 230496.0 End wk 1067 sec 230500.0

GPSVEC TP Point ID 2078 DX -1112.022 DY -535.174
Class Normal DZ -1414.491 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.038

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 7 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 230517.0 End wk 1067 sec 230524.0

GPSVEC TP Point ID 2079 DX -1121.274 DY -528.350
Class Normal DZ -1413.799 Code GRD
Mthd Phase Diff. H.pr 0.031 V.pr 0.046

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 4 HDOP max 0.7
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 230539.0 End wk 1067 sec 230542.0

GPSVEC TP Point ID 2080 DX -1132.138 DY -518.219
Class Normal DZ -1413.438 Code GRD
Mthd Phase Diff. H.pr 0.038 V.pr 0.057

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 7 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 230560.0 End wk 1067 sec 230566.0

GPSVEC TP Point ID 2081 DX -1138.800 DY -512.021
Class Normal DZ -1413.683 Code GRD
Mthd Phase Diff. H.pr 0.034 V.pr 0.051

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 5 HDOP max 0.7
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 230586.0 End wk 1067 sec 230590.0

GPSVEC TP Point ID 2082 DX -1142.204 DY -509.369
Class Normal DZ -1413.314 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.041

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 4 HDOP max 0.7
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 230609.0 End wk 1067 sec 230612.0

GPSVEC TP Point ID 2083 DX -1151.827 DY -499.616
Class Normal DZ -1413.564 Code GRD
Mthd Phase Diff. H.pr 0.033 V.pr 0.050

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 230635.0 End wk 1067 sec 230640.0

GPSVEC TP Point ID 2084 DX -1166.213 DY -492.088
Class Normal DZ -1410.555 Code GRD
Mthd Phase Diff. H.pr 0.033 V.pr 0.050

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 5 HDOP max 0.7
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 230661.0 End wk 1067 sec 230665.0

GPSVEC TP Point ID 2085 DX -1180.391 DY -483.109
Class Normal DZ -1408.585 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.040

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 4 HDOP max 0.8
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 230684.0 End wk 1067 sec 230687.0

GPSVEC TP Point ID 2086 DX -1192.986 DY -474.154
Class Normal DZ -1406.979 Code GRD
Mthd Phase Diff. H.pr 0.036 V.pr 0.054

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 5 HDOP max 0.7
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 230702.0 End wk 1067 sec 230706.0

GPSVEC TP Point ID 2087 DX -1201.451 DY -469.128
Class Normal DZ -1405.661 Code GRD
Mthd Phase Diff. H.pr 0.029 V.pr 0.044

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 4 HDOP max 0.8
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 230723.0 End wk 1067 sec 230726.0

GPSVEC TP Point ID 2088 DX -1218.885 DY -459.527
Class Normal DZ -1402.032 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.037

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 4 HDOP max 0.8
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 230748.0 End wk 1067 sec 230751.0

GPSVEC TP Point ID 2089 DX -1236.354 DY -450.318
Class Normal DZ -1398.443 Code GRD
Mthd Phase Diff. H.pr 0.033 V.pr 0.049

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 4 HDOP max 0.8
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 230772.0 End wk 1067 sec 230775.0

GPSVEC TP Point ID 2090 DX -1253.404 DY -440.984
Class Normal DZ -1395.024 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.032

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 3 HDOP max 0.8
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 230802.0 End wk 1067 sec 230804.0

GPSVEC TP Point ID 2091 DX -1270.902 DY -431.450
Class Normal DZ -1391.204 Code GRD
Mthd Phase Diff. H.pr 0.030 V.pr 0.045

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 5 HDOP max 0.7
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 230829.0 End wk 1067 sec 230833.0

GPSVEC TP Point ID 2092 DX -1288.475 DY -422.607
Class Normal DZ -1387.398 Code GRD
Mthd Phase Diff. H.pr 0.032 V.pr 0.047

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 3 HDOP max 0.8
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 230848.0 End wk 1067 sec 230851.0

GPSVEC TP Point ID 2093 DX -1305.726 DY -413.298
Class Normal DZ -1383.755 Code GRD
Mthd Phase Diff. H.pr 0.037 V.pr 0.055

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 5 HDOP max 0.7
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 230867.0 End wk 1067 sec 230871.0

GPSVEC TP Point ID 2094 DX -1323.361 DY -404.029
Class Normal DZ -1380.168 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.034

GPSQC1 NM Min SVs 6 PDOP max 1.6
Total GPS pos 3 HDOP max 0.9
Monitor status Yes VDOP max 1.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 230888.0 End wk 1067 sec 230891.0

INIT KI Init event Lost Week 1067
Init type On the fly seconds 230907.0
Init counter 8 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1067
Init type On the fly seconds 231551.0
Init counter 9 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 207 DX -683.601 DY -124.982
Class Normal DZ -597.848 Code SG 40+00E CRS
Mthd Phase Diff. H.pr 0.024 V.pr 0.038

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 231581.0 End wk 1067 sec 231584.0

INIT KI Init event Lost Week 1067
Init type On the fly seconds 231591.0
Init counter 9 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1067
Init type On the fly seconds 231652.0
Init counter 10 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 208 DX -683.590 DY -124.979
Class Normal DZ -597.860 Code SG 40+00E CRS
Mthd Phase Diff. H.pr 0.022 V.pr 0.045

GPSQC1 NM Min SVs 5 PDOP max 0.8
Total GPS pos 28 HDOP max 0.3
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 231663.0 End wk 1067 sec 231691.0

NOTE KI LINE. Name: 4, Code: , Method: Two points, Start pt: 208,

NOTE KI End pt: 132, Azimuth: 102.020°, Length: 15.323ft,

NOTE KI Grade: 40.475°

GPSVEC TP Point ID 2095 DX -684.381 DY -121.372
Class Normal DZ -598.854 Code FC/LEVEE
Mthd Phase Diff. H.pr 0.029 V.pr 0.046

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 231787.0 End wk 1067 sec 231789.0

GPSVEC TP Point ID 2096 DX -685.941 DY -116.985
Class Normal DZ -600.776 Code TOE LEVEE
Mthd Phase Diff. H.pr 0.033 V.pr 0.053

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 231825.0 End wk 1067 sec 231829.0

GPSVEC TP Point ID 2097 DX -691.545 DY -114.105
Class Normal DZ -599.877 Code GRD
Mthd Phase Diff. H.pr 0.016 V.pr 0.038

GPSQC1 NM Min SVs 5 PDOP max 1.9
Total GPS pos 9 HDOP max 0.7
Monitor status Yes VDOP max 1.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 231849.0 End wk 1067 sec 231858.0

GPSVEC TP Point ID 2098 DX -698.468 DY -112.394
Class Normal DZ -597.319 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.059

GPSQC1 NM Min SVs 5 PDOP max 1.9
Total GPS pos 12 HDOP max 0.7
Monitor status Yes VDOP max 1.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 231936.0 End wk 1067 sec 231947.0

GPSVEC TP Point ID 2099 DX -705.820 DY -107.010
Class Normal DZ -596.397 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.062

GPSQC1 NM Min SVs 5 PDOP max 2.6
Total GPS pos 6 HDOP max 0.9
Monitor status Yes VDOP max 2.4
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 231965.0 End wk 1067 sec 231970.0

GPSVEC TP Point ID 2100 DX -714.379 DY -103.728
Class Normal DZ -594.388 Code GRD
Mthd Phase Diff. H.pr 0.037 V.pr 0.063

GPSQC1 NM Min SVs 6 PDOP max 1.5
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 1.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 231984.0 End wk 1067 sec 231986.0

GPSVEC TP Point ID 2101 DX -725.752 DY -97.457
Class Normal DZ -591.912 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.053

GPSQC1 NM Min SVs 5 PDOP max 2.1
Total GPS pos 10 HDOP max 0.8
Monitor status Yes VDOP max 1.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 231999.0 End wk 1067 sec 232008.0

GPSVEC TP Point ID 2102 DX -736.429 DY -91.829
Class Normal DZ -589.663 Code GRD
Mthd Phase Diff. H.pr 0.019 V.pr 0.035

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 232023.0 End wk 1067 sec 232027.0

GPSVEC TP Point ID 2103 DX -747.375 DY -84.383
Class Normal DZ -588.392 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.043

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 232041.0 End wk 1067 sec 232045.0

NOTE KI Computed inverse, Start pt: 207, End pt: 208,

NOTE KI Azimuth: 122.989°, H Dist: 0.011ft, V Dist: -0.013ft,

NOTE KI S Dist: 0.017ft

GPSVEC TP Point ID 2104 DX -754.085 DY -80.478
Class Normal DZ -586.829 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.038

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 232064.0 End wk 1067 sec 232066.0

GPSVEC TP Point ID 2105 DX -761.540 DY -78.032
Class Normal DZ -584.622 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.041

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 6 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 232083.0 End wk 1067 sec 232088.0

GPSVEC TP Point ID 2106 DX -772.358 DY -72.655
Class Normal DZ -582.060 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.045

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 6 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 232104.0 End wk 1067 sec 232109.0

GPSVEC TP Point ID 2107 DX -784.206 DY -66.611
Class Normal DZ -579.738 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.042

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 4 HDOP max 0.7
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 232123.0 End wk 1067 sec 232126.0

GPSVEC TP Point ID 2108 DX -798.180 DY -58.085
Class Normal DZ -577.177 Code GRD
Mthd Phase Diff. H.pr 0.035 V.pr 0.058

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 4 HDOP max 0.7
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 232140.0 End wk 1067 sec 232143.0

GPSVEC TP Point ID 2109 DX -810.187 DY -50.476
Class Normal DZ -575.290 Code GRD
Mthd Phase Diff. H.pr 0.019 V.pr 0.032

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 232156.0 End wk 1067 sec 232164.0

GPSVEC TP Point ID 2110 DX -823.253 DY -43.326
Class Normal DZ -572.724 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.045

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 232191.0 End wk 1067 sec 232193.0

GPSVEC TP Point ID 2111 DX -831.344 DY -37.168
Class Normal DZ -572.305 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.041

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 232210.0 End wk 1067 sec 232214.0

GPSVEC TP Point ID 2112 DX -846.035 DY -29.223
Class Normal DZ -568.829 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.040

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 4 HDOP max 0.7
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 232229.0 End wk 1067 sec 232232.0

NOTE TS Time Date 06/20/2000 Time 16:30:52

GPSVEC TP Point ID 2113 DX -855.267 DY -28.580
Class Normal DZ -564.429 Code GRD
Mthd Phase Diff. H.pr 0.033 V.pr 0.056

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 6 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 232258.0 End wk 1067 sec 232263.0

GPSVEC TP Point ID 2114 DX -873.112 DY -22.255
Class Normal DZ -559.258 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.039

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 232297.0 End wk 1067 sec 232301.0

GPSVEC TP Point ID 2115 DX -883.030 DY -18.048
Class Normal DZ -556.669 Code GRD
Mthd Phase Diff. H.pr 0.028 V.pr 0.047

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 232316.0 End wk 1067 sec 232321.0

GPSVEC TP Point ID 2116 DX -900.009 DY -8.888
Class Normal DZ -553.522 Code GRD
Mthd Phase Diff. H.pr 0.033 V.pr 0.057

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 4 HDOP max 0.7
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 232339.0 End wk 1067 sec 232342.0

GPSVEC TP Point ID 2117 DX -912.222 DY -3.332
Class Normal DZ -550.341 Code GRD
Mthd Phase Diff. H.pr 0.031 V.pr 0.053

GPSQC1 NM Min SVs 6 PDOP max 0.8
Total GPS pos 9 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 232359.0 End wk 1067 sec 232369.0

GPSVEC TP Point ID 2118 DX -926.617 DY 4.359
Class Normal DZ -547.573 Code GRD
Mthd Phase Diff. H.pr 0.032 V.pr 0.054

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 4 HDOP max 0.7
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 232388.0 End wk 1067 sec 232391.0

GPSVEC TP Point ID 2119 DX -944.192 DY 14.055
Class Normal DZ -544.119 Code GRD
Mthd Phase Diff. H.pr 0.037 V.pr 0.063

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 232410.0 End wk 1067 sec 232416.0

INIT KI Init event Lost Week 1067
Init type On the fly seconds 232424.0
Init counter 10 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

NOTE TS Time Date 06/20/2000 Time 17:05:07

INIT KI Init event Gained Week 1067
Init type On the fly seconds 234319.0
Init counter 11 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 2120 DX -36.046 DY 20.794
Class Normal DZ 3.693 Code TOE LEVEE
Mthd Phase Diff. H.pr 0.030 V.pr 0.060

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 234371.0 End wk 1067 sec 234374.0

INIT KI Init event Lost Week 1067
Init type On the fly seconds 234380.0
Init counter 11 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1067
Init type On the fly seconds 234403.0
Init counter 12 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

NOTE KI LINE. Name: 5, Code: , Method: Two points, Start pt: 2120,

NOTE KI End pt: 2005, Azimuth: 91.300°, Length: 4.374ft,

NOTE KI Grade: 39.315°

GPSVEC TP Point ID 2121 DX -53.998 DY 28.997
Class Normal DZ 3.598 Code GRD
Mthd Phase Diff. H.pr 0.018 V.pr 0.037

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 234472.0 End wk 1067 sec 234475.0

GPSVEC TP Point ID 2122 DX -71.435 DY 37.295
Class Normal DZ 3.165 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.052

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 234488.0 End wk 1067 sec 234492.0

GPSVEC TP Point ID 2123 DX -90.167 DY 45.489
Class Normal DZ 3.564 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.053

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 234508.0 End wk 1067 sec 234511.0

GPSVEC TP Point ID 2124 DX -105.336 DY 52.309
Class Normal DZ 4.079 Code GRD
Mthd Phase Diff. H.pr 0.020 V.pr 0.042

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 234522.0 End wk 1067 sec 234525.0

GPSVEC TP Point ID 2125 DX -124.444 DY 61.636
Class Normal DZ 3.731 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.046

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 234541.0 End wk 1067 sec 234548.0

GPSVEC TP Point ID 2126 DX -142.309 DY 69.471
Class Normal DZ 4.345 Code GRD
Mthd Phase Diff. H.pr 0.016 V.pr 0.034

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 234559.0 End wk 1067 sec 234562.0

GPSVEC TP Point ID 2127 DX -152.405 DY 74.322
Class Normal DZ 5.107 Code GRD
Mthd Phase Diff. H.pr 0.020 V.pr 0.041

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 234573.0 End wk 1067 sec 234578.0

GPSVEC TP Point ID 2128 DX -160.764 DY 78.248
Class Normal DZ 4.514 Code GRD
Mthd Phase Diff. H.pr 0.020 V.pr 0.040

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 7 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 234588.0 End wk 1067 sec 234594.0

GPSVEC TP Point ID 2129 DX -180.658 DY 87.787
Class Normal DZ 6.118 Code GRD
Mthd Phase Diff. H.pr 0.017 V.pr 0.034

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 234608.0 End wk 1067 sec 234611.0

GPSVEC TP Point ID 2130 DX -199.918 DY 94.508
Class Normal DZ 4.433 Code GRD
Mthd Phase Diff. H.pr 0.030 V.pr 0.063

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 7 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 234631.0 End wk 1067 sec 234637.0

GPSVEC TP Point ID 2131 DX -217.384 DY 102.071
Class Normal DZ 5.039 Code GRD
Mthd Phase Diff. H.pr 0.018 V.pr 0.038

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 234652.0 End wk 1067 sec 234654.0

GPSVEC TP Point ID 2132 DX -226.332 DY 106.627
Class Normal DZ 5.234 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.046

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 234665.0 End wk 1067 sec 234670.0

GPSVEC TP Point ID 2133 DX -242.639 DY 113.050
Class Normal DZ 5.973 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.054

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 234681.0 End wk 1067 sec 234684.0

GPSVEC TP Point ID 2134 DX -259.819 DY 120.284
Class Normal DZ 6.915 Code GRD
Mthd Phase Diff. H.pr 0.016 V.pr 0.034

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 234699.0 End wk 1067 sec 234704.0

GPSVEC TP Point ID 2135 DX -276.195 DY 129.156
Class Normal DZ 9.607 Code GRD
Mthd Phase Diff. H.pr 0.020 V.pr 0.041

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 234715.0 End wk 1067 sec 234718.0

GPSVEC TP Point ID 2136 DX -289.925 DY 137.401
Class Normal DZ 13.073 Code GRD
Mthd Phase Diff. H.pr 0.018 V.pr 0.037

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 234734.0 End wk 1067 sec 234737.0

GPSVEC TP Point ID 2137 DX -309.629 DY -145.864
Class Normal DZ 13.619 Code GRD
Mthd Phase Diff. H.pr 0.018 V.pr 0.038

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 234759.0 End wk 1067 sec 234763.0

INIT KI Init event Lost Week 1067
Init type On the fly seconds 234768.0
Init counter 12 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1067
Init type On the fly seconds 234992.0
Init counter 13 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 2138 DX 158.738 DY 506.145
Class Normal DZ 796.565 Code TOE LEVEE
Mthd Phase Diff. H.pr 0.022 V.pr 0.036

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 235129.0 End wk 1067 sec 235132.0

INIT KI Init event Lost Week 1067
Init type On the fly seconds 235138.0
Init counter 13 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

NOTE KI LINE. Name: 6, Code: , Method: Two points, Start pt: 2138,

NOTE KI End pt: 2006, Azimuth: 87.962°, Length: 3.738ft,

NOTE KI Grade: 34.333°

INIT KI Init event Gained Week 1067
Init type On the fly seconds 235164.0
Init counter 14 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 2139 DX 140.444 DY 513.886
Class Normal DZ 795.659 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.039

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 235195.0 End wk 1067 sec 235198.0

GPSVEC TP Point ID 2140 DX 122.207 DY 521.188
Class Normal DZ 794.501 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.046

GPSQC1 NM Min SVs 7 PDOP max 1.2
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 235213.0 End wk 1067 sec 235215.0

GPSVEC TP Point ID 2141 DX 105.725 DY 527.967
Class Normal DZ 793.735 Code GRD
Mthd Phase Diff. H.pr 0.031 V.pr 0.053

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 235231.0 End wk 1067 sec 235235.0

GPSVEC TP Point ID 2142 DX 90.075 DY 534.819
Class Normal DZ 792.642 Code GRD
Mthd Phase Diff. H.pr 0.017 V.pr 0.036

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 235247.0 End wk 1067 sec 235250.0

GPSVEC TP Point ID 2143 DX 71.788 DY 542.404
Class Normal DZ 791.891 Code GRD
Mthd Phase Diff. H.pr 0.035 V.pr 0.059

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 235267.0 End wk 1067 sec 235270.0

GPSVEC TP Point ID 2144 DX 53.582 DY 549.737
Class Normal DZ 791.034 Code GRD
Mthd Phase Diff. H.pr 0.034 V.pr 0.057

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 235284.0 End wk 1067 sec 235287.0

GPSVEC TP Point ID 2145 DX 35.469 DY 556.678
Class Normal DZ 790.312 Code GRD
Mthd Phase Diff. H.pr 0.035 V.pr 0.060

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 235303.0 End wk 1067 sec 235306.0

GPSVEC TP Point ID 2146 DX 24.997 DY 560.523
Class Normal DZ 789.976 Code GRD
Mthd Phase Diff. H.pr 0.018 V.pr 0.036

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 235318.0 End wk 1067 sec 235322.0

GPSVEC TP Point ID 2147 DX 7.404 DY 567.540
Class Normal DZ 789.061 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.035

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 235335.0 End wk 1067 sec 235339.0

GPSVEC TP Point ID 2148 DX -8.001 DY 573.302
Class Normal DZ 788.449 Code GRD
Mthd Phase Diff. H.pr 0.034 V.pr 0.058

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 235356.0 End wk 1067 sec 235359.0

GPSVEC TP Point ID 2149 DX -25.153 DY 578.817
Class Normal DZ 788.737 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.038

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 235373.0 End wk 1067 sec 235377.0

GPSVEC TP Point ID 2150 DX -37.046 DY 583.222
Class Normal DZ 788.370 Code GRD
Mthd Phase Diff. H.pr 0.020 V.pr 0.034

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 235398.0 End wk 1067 sec 235401.0

GPSVEC TP Point ID 2151 DX -42.566 DY 585.933
Class Normal DZ 788.131 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.045

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 235417.0 End wk 1067 sec 235420.0

GPSVEC TP Point ID 2152 DX -61.220 DY 593.361
Class Normal DZ 787.244 Code GRD
Mthd Phase Diff. H.pr 0.029 V.pr 0.050

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 235443.0 End wk 1067 sec 235446.0

GPSVEC TP Point ID 2153 DX -79.892 DY 600.142
Class Normal DZ 786.474 Code GRD
Mthd Phase Diff. H.pr 0.029 V.pr 0.060

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 235468.0 End wk 1067 sec 235471.0

GPSVEC TP Point ID 2154 DX -96.430 DY 610.400
Class Normal DZ 784.100 Code GRD
Mthd Phase Diff. H.pr 0.030 V.pr 0.052

GPSQC1 NM Min SVs 7 PDOP max 1.3
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 235489.0 End wk 1067 sec 235491.0

GPSVEC TP Point ID 2155 DX -106.846 DY 615.842
Class Normal DZ 782.516 Code GRD
Mthd Phase Diff. H.pr 0.028 V.pr 0.049

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 235515.0 End wk 1067 sec 235518.0

GPSVEC TP Point ID 2156 DX -118.434 DY 620.947
Class Normal DZ 781.763 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.040

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 235534.0 End wk 1067 sec 235539.0

INIT KI Init event Lost Week 1067
Init type On the fly seconds 235543.0
Init counter 14 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1067
Init type On the fly seconds 236077.0
Init counter 15 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

NOTE TS Time Date 06/20/2000 Time 17:35:36

GPSVEC TP Point ID 2157 DX 672.071 DY 864.116
Class Normal DZ 1592.762 Code TOE LEVEE
Mthd Phase Diff. H.pr 0.026 V.pr 0.045

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 236143.0 End wk 1067 sec 236147.0

NOTE KI LINE. Name: 7, Code: , Method: Two points, Start pt: 2157,

NOTE KI End pt: 138, Azimuth: 136.818°, Length: 5.678ft,

NOTE KI Grade: 31.817°

INIT KI Init event Lost Week 1067
Init type On the fly seconds 236178.0
Init counter 15 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

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INIT   KI  Init event   Gained          Week        1067
           Init type    On the fly      seconds     236204.0
           Init counter 16              Point ID    <no text>
           Survey type  Real Time        Plate H. Dist <null>
           Plate V. Dist <null>         Plate azimuth <null>

GPSVEC  TP  Point ID 2158      DX  662.280        DY  876.840
           Class Normal       DZ  1605.077       Code GRD
           Mthd Phase Diff.   H.pr 0.026         V.pr 0.049

GPSQC1  NM  Min SVs      8            PDOP max  0.9
           Total GPS pos  8           HDOP max  0.4
           Monitor status Yes         VDOP max  0.8
           Horizontal SD  0.000        Vert SD   0.000
           Start wk 1067 sec 236240.0      End wk 1067   sec 236247.0

GPSVEC  TP  Point ID 2159      DX  653.012        DY  889.364
           Class Normal       DZ  1616.695       Code GRD
           Mthd Phase Diff.   H.pr 0.032         V.pr 0.065

GPSQC1  NM  Min SVs      7            PDOP max  1.0
           Total GPS pos  8           HDOP max  0.4
           Monitor status Yes         VDOP max  0.9
           Horizontal SD  0.000        Vert SD   0.000
           Start wk 1067 sec 236265.0      End wk 1067   sec 236272.0

GPSVEC  TP  Point ID 2160      DX  643.342        DY  902.271
           Class Normal       DZ  1628.609       Code GRD
           Mthd Phase Diff.   H.pr 0.029         V.pr 0.055

GPSQC1  NM  Min SVs      8            PDOP max  1.1
           Total GPS pos  5           HDOP max  0.5
           Monitor status Yes         VDOP max  1.0
           Horizontal SD  0.000        Vert SD   0.000
           Start wk 1067 sec 236288.0      End wk 1067   sec 236292.0

GPSVEC  TP  Point ID 2161      DX  633.420        DY  915.458
           Class Normal       DZ  1640.828       Code GRD
           Mthd Phase Diff.   H.pr 0.024         V.pr 0.046

GPSQC1  NM  Min SVs      8            PDOP max  1.1
           Total GPS pos  5           HDOP max  0.5
           Monitor status Yes         VDOP max  1.0
           Horizontal SD  0.000        Vert SD   0.000
           Start wk 1067 sec 236316.0      End wk 1067   sec 236320.0
```

GPSVEC TP Point ID 2162 DX 623.517 DY 929.043
Class Normal DZ 1653.173 Code GRD
Mthd Phase Diff. H.pr 0.019 V.pr 0.037

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 236338.0 End wk 1067 sec 236342.0

GPSVEC TP Point ID 2163 DX 614.689 DY 941.277
Class Normal DZ 1664.337 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.050

GPSQC1 NM Min SVs 7 PDOP max 1.3
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 236365.0 End wk 1067 sec 236368.0

GPSVEC TP Point ID 2164 DX 604.935 DY 954.340
Class Normal DZ 1676.624 Code GRD
H.pr 0.026 V.pr 0.054

Total GPS pos 7 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 236384.0 End wk 1067 sec 236390.0

GPSVEC TP Point ID 2165 DX 595.250 DY 966.919
Class Normal DZ 1688.408 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.046

GPSQC1 NM Min SVs 7 PDOP max 1.3
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 236409.0 End wk 1067 sec 236412.0

GPSVEC TP Point ID 2166 DX 585.583 DY 979.362
Class Normal DZ 1700.669 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.041

GPSQC1 NM Min SVs 8 PDOP max 1.0
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 236428.0 End wk 1067 sec 236433.0

GPSVEC TP Point ID 2167 DX 575.639 DY 992.201
Class Normal DZ 1713.121 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.048

GPSQC1 NM Min SVs 7 PDOP max 1.4
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 236451.0 End wk 1067 sec 236454.0

GPSVEC TP Point ID 2168 DX 566.403 DY 1004.829
Class Normal DZ 1725.092 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.052

GPSQC1 NM Min SVs 7 PDOP max 1.2
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 236471.0 End wk 1067 sec 236475.0

GPSVEC TP Point ID 2169 DX 556.629 DY 1017.384
Class Normal DZ 1736.991 Code GRD
Mthd Phase Diff. H.pr 0.018 V.pr 0.037

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 6 HDOP max 0.4
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 236492.0 End wk 1067 sec 236499.0

GPSVEC TP Point ID 2170 DX 547.100 DY 1029.843
Class Normal DZ 1748.997 Code GRD
Mthd Phase Diff. H.pr 0.033 V.pr 0.060

GPSQC1 NM Min SVs 8 PDOP max 1.0
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 236518.0 End wk 1067 sec 236522.0

GPSVEC TP Point ID 2171 DX 537.134 DY 1042.670
Class Normal DZ 1761.558 Code GRD
Mthd Phase Diff. H.pr 0.028 V.pr 0.052

GPSQC1 NM Min SVs 8 PDOP max 0.7
Total GPS pos 12 HDOP max 0.3
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 236540.0 End wk 1067 sec 236551.0

GPSVEC TP Point ID 2172 DX 527.452 DY 1055.212
Class Normal DZ 1773.583 Code GRD
Mthd Phase Diff. H.pr 0.028 V.pr 0.051

GPSQC1 NM Min SVs 8 PDOP max 0.9
Total GPS pos 7 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 236577.0 End wk 1067 sec 236583.0

INIT KI Init event Lost Week 1067
Init type On the fly seconds 236603.0
Init counter 16 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1067
Init type On the fly seconds 237212.0
Init counter 17 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 2173 DX 1482.235 DY 811.358
Class Normal DZ 1986.215 Code TOE LEVEE
Mthd Phase Diff. H.pr 0.024 V.pr 0.043

GPSQC1 NM Min SVs 9 PDOP max 1.1
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 237237.0 End wk 1067 sec 237240.0

INIT KI Init event Lost Week 1067
Init type On the fly seconds 237246.0
Init counter 17 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1067
Init type On the fly seconds 237280.0
Init counter 18 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

NOTE KI LINE. Name: 8, Code: , Method: Two points, Start pt: 2173,

NOTE KI End pt: 2008, Azimuth: 145.652°, Length: 7.178ft,

NOTE KI Grade: 37.203°

GPSVEC TP Point ID 2174 DX 1475.160 DY 823.491
Class Normal DZ 1999.794 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.040

GPSQC1 NM Min SVs 9 PDOP max 0.9
Total GPS pos 7 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 237324.0 End wk 1067 sec 237330.0

GPSVEC TP Point ID 2175 DX 1468.480 DY 836.615
Class Normal DZ 2013.051 Code GRD
Mthd Phase Diff. H.pr 0.029 V.pr 0.052

GPSQC1 NM Min SVs 9 PDOP max 1.1
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 237348.0 End wk 1067 sec 237351.0

GPSVEC TP Point ID 2176 DX 1461.184 DY 850.205
Class Normal DZ 2027.002 Code GRD
Mthd Phase Diff. H.pr 0.029 V.pr 0.051

GPSQC1 NM Min SVs 9 PDOP max 1.0
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 237370.0 End wk 1067 sec 237374.0

GPSVEC TP Point ID 2177 DX 1454.245 DY 863.141
Class Normal DZ 2040.564 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.046

GPSQC1 NM Min SVs 9 PDOP max 0.9
Total GPS pos 7 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 237391.0 End wk 1067 sec 237397.0

GPSVEC TP Point ID 2178 DX 1447.518 DY 875.619
Class Normal DZ 2054.409 Code GRD
Mthd Phase Diff. H.pr 0.033 V.pr 0.059

GPSQC1 NM Min SVs 9 PDOP max 1.0
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 237414.0 End wk 1067 sec 237417.0

GPSVEC TP Point ID 2179 DX 1440.038 DY 888.723
Class Normal DZ 2068.098 Code GRD
Mthd Phase Diff. H.pr 0.019 V.pr 0.035

GPSQC1 NM Min SVs 8 PDOP max 1.3
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 237435.0 End wk 1067 sec 237437.0

GPSVEC TP Point ID 2180 DX 1433.271 DY 901.568
Class Normal DZ 2081.897 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.040

GPSQC1 NM Min SVs 9 PDOP max 1.1
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 237455.0 End wk 1067 sec 237458.0

GPSVEC TP Point ID 2181 DX 1426.233 DY 914.297
Class Normal DZ 2095.154 Code GRD
Mthd Phase Diff. H.pr 0.029 V.pr 0.052

GPSQC1 NM Min SVs 9 PDOP max 0.9
Total GPS pos 6 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 237478.0 End wk 1067 sec 237483.0

GPSVEC TP Point ID 2182 DX 1419.407 DY 927.528
Class Normal DZ 2108.947 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.043

GPSQC1 NM Min SVs 9 PDOP max 1.0
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 237498.0 End wk 1067 sec 237502.0

GPSVEC TP Point ID 2183 DX 1412.491 DY 940.261
Class Normal DZ 2122.500 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.041

GPSQC1 NM Min SVs 9 PDOP max 0.9
Total GPS pos 5 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 237516.0 End wk 1067 sec 237521.0

GPSVEC TP Point ID 2184 DX 1405.159 DY 953.826
Class Normal DZ 2136.008 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.048

GPSQC1 NM Min SVs 9 PDOP max 1.0
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 237534.0 End wk 1067 sec 237538.0

GPSVEC TP Point ID 2185 DX 1398.734 DY 966.640
Class Normal DZ 2149.127 Code GRD
Mthd Phase Diff. H.pr 0.036 V.pr 0.064

GPSQC1 NM Min SVs 9 PDOP max 1.0
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 237560.0 End wk 1067 sec 237564.0

GPSVEC TP Point ID 2186 DX 1391.670 DY 979.731
Class Normal DZ 2162.420 Code GRD
Mthd Phase Diff. H.pr 0.028 V.pr 0.051

GPSQC1 NM Min SVs 9 PDOP max 1.0
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 237584.0 End wk 1067 sec 237588.0

GPSVEC TP Point ID 2187 DX 1384.992 DY 992.810
Class Normal DZ 2175.967 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.049

GPSQC1 NM Min SVs 9 PDOP max 1.0
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 237605.0 End wk 1067 sec 237609.0

GPSVEC TP Point ID 2188 DX 1378.153 DY 1005.967
Class Normal DZ 2189.857 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.044

GPSQC1 NM Min SVs 9 PDOP max 1.0
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 237635.0 End wk 1067 sec 237639.0

INIT KI Init event Lost Week 1067
Init type On the fly seconds 237647.0
Init counter 18 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

NOTE TS Time Date 06/20/2000 Time 18:07:34

INIT KI Init event Gained Week 1067
Init type On the fly seconds 238066.0
Init counter 19 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 2189 DX 2294.404 DY 913.678
Class Normal DZ 2598.003 Code TOP LEVEE
Mthd Phase Diff. H.pr 0.014 V.pr 0.032

GPSQC1 NM Min SVs 7 PDOP max 1.6
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.4
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 238277.0 End wk 1067 sec 238280.0

INIT KI Init event Lost Week 1067
Init type On the fly seconds 238284.0
Init counter 19 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1067
Init type On the fly seconds 238311.0
Init counter 20 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

NOTE KI LINE. Name: 9, Code: , Method: Two points, Start pt: 2189,

NOTE KI End pt: 2009, Azimuth: 134.440°, Length: 6.420ft,

NOTE KI Grade: 44.113°

GPSVEC TP Point ID 2190 DX 2284.328 DY 926.758
Class Normal DZ 2609.207 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.048

GPSQC1 NM Min SVs 7 PDOP max 1.5
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.4
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 238374.0 End wk 1067 sec 238377.0

GPSVEC TP Point ID 2191 DX 2274.238 DY 939.686
Class Normal DZ 2620.431 Code GRD
Mthd Phase Diff. H.pr 0.016 V.pr 0.034

GPSQC1 NM Min SVs 7 PDOP max 1.7
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 1.5
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 238397.0 End wk 1067 sec 238399.0

GPSVEC TP Point ID 2192 DX 2263.972 DY 952.368
Class Normal DZ 2631.922 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.049

GPSQC1 NM Min SVs 7 PDOP max 1.4
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 238419.0 End wk 1067 sec 238423.0

GPSVEC TP Point ID 2193 DX 2253.445 DY 965.249
Class Normal DZ 2643.592 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.057

GPSQC1 NM Min SVs 7 PDOP max 1.5
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.4
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 238444.0 End wk 1067 sec 238447.0

GPSVEC TP Point ID 2194 DX 2243.178 DY 978.026
Class Normal DZ 2655.338 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.045

GPSQC1 NM Min SVs 7 PDOP max 1.4
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 238468.0 End wk 1067 sec 238472.0

GPSVEC TP Point ID 2195 DX 2233.162 DY 990.251
Class Normal DZ 2666.303 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.047

GPSQC1 NM Min SVs 7 PDOP max 1.2
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 238488.0 End wk 1067 sec 238493.0

GPSVEC TP Point ID 2196 DX 2222.757 DY 1003.419
Class Normal DZ 2677.844 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.046

GPSQC1 NM Min SVs 7 PDOP max 1.2
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 238514.0 End wk 1067 sec 238519.0

GPSVEC TP Point ID 2197 DX 2212.693 DY 1016.261
Class Normal DZ 2689.192 Code GRD
Mthd Phase Diff. H.pr 0.028 V.pr 0.058

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 7 HDOP max 0.4
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 238536.0 End wk 1067 sec 238544.0

GPSVEC TP Point ID 2198 DX 2202.676 DY 1029.533
Class Normal DZ 2700.866 Code GRD
Mthd Phase Diff. H.pr 0.028 V.pr 0.058

GPSQC1 NM Min SVs 7 PDOP max 1.3
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 238563.0 End wk 1067 sec 238567.0

GPSVEC TP Point ID 2199 DX 2192.219 DY 1042.237
Class Normal DZ 2712.109 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.052

GPSQC1 NM Min SVs 7 PDOP max 1.4
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 238589.0 End wk 1067 sec 238592.0

GPSVEC TP Point ID 2200 DX 2181.930 DY 1055.090
Class Normal DZ 2723.656 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.053

GPSQC1 NM Min SVs 7 PDOP max 1.4
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 238608.0 End wk 1067 sec 238611.0

GPSVEC TP Point ID 2201 DX 2171.795 DY 1067.882
Class Normal DZ 2735.283 Code GRD
Mthd Phase Diff. H.pr 0.020 V.pr 0.042

GPSQC1 NM Min SVs 7 PDOP max 1.3
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 238632.0 End wk 1067 sec 238636.0

GPSVEC TP Point ID 2202 DX 2161.619 DY 1080.560
Class Normal DZ 2746.675 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.046

GPSQC1 NM Min SVs 7 PDOP max 1.4
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 238655.0 End wk 1067 sec 238658.0

GPSVEC TP Point ID 2203 DX 2151.408 DY 1093.481
Class Normal DZ 2758.155 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.050

GPSQC1 NM Min SVs 7 PDOP max 1.3
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 238675.0 End wk 1067 sec 238679.0

GPSVEC TP Point ID 2204 DX 2141.060 DY 1106.450
Class Normal DZ 2769.666 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.042

GPSQC1 NM Min SVs 7 PDOP max 1.2
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 238702.0 End wk 1067 sec 238707.0

INIT KI Init event Lost Week 1067
Init type On the fly seconds 238713.0
Init counter 20 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1067
Init type On the fly seconds 239214.0
Init counter 21 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 2205 DX 3104.358 DY 1026.038
Class Normal DZ 3224.288 Code TOE LEVEE
Mthd Phase Diff. H.pr 0.021 V.pr 0.045

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 239224.0 End wk 1067 sec 239228.0

INIT KI Init event Lost Week 1067
Init type On the fly seconds 239233.0
Init counter 21 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

NOTE KI LINE. Name: 10, Code: , Method: Two points, Start pt: 2205,

NOTE KI End pt: 2010, Azimuth: 131.844°, Length: 7.657ft,

NOTE KI Grade: 38.052°

INIT KI Init event Gained Week 1067
Init type On the fly seconds 239265.0
Init counter 22 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 2206 DX 3093.469 DY 1039.140
Class Normal DZ 3234.932 Code GRD
Mthd Phase Diff. H.pr 0.020 V.pr 0.042

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 239307.0 End wk 1067 sec 239311.0

GPSVEC TP Point ID 2207 DX 3082.584 DY 1051.691
Class Normal DZ 3245.956 Code GRD
Mthd Phase Diff. H.pr 0.031 V.pr 0.065

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 239332.0 End wk 1067 sec 239336.0

GPSVEC TP Point ID 2208 DX 3071.699 DY 1064.389
Class Normal DZ 3256.861 Code GRD
Mthd Phase Diff. H.pr 0.018 V.pr 0.038

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 239355.0 End wk 1067 sec 239358.0

GPSVEC TP Point ID 2209 DX 3060.654 DY 1077.211
Class Normal DZ 3267.549 Code GRD
Mthd Phase Diff. H.pr 0.031 V.pr 0.065

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 7 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 239380.0 End wk 1067 sec 239386.0

GPSVEC TP Point ID 2210 DX 3049.681 DY 1089.523
Class Normal DZ 3278.703 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.047

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 239399.0 End wk 1067 sec 239402.0

GPSVEC TP Point ID 2211 DX 3038.921 DY 1102.099
Class Normal DZ 3289.552 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.044

GPSQC1 NM Min SVs 6 PDOP max 1.5
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 239423.0 End wk 1067 sec 239425.0

GPSVEC TP Point ID 2212 DX 3028.005 DY 1115.082
Class Normal DZ 3300.149 Code GRD
Mthd Phase Diff. H.pr 0.020 V.pr 0.041

GPSQC1 NM Min SVs 6 PDOP max 1.5
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 239440.0 End wk 1067 sec 239442.0

GPSVEC TP Point ID 2213 DX 3016.841 DY 1127.863
Class Normal DZ 3311.533 Code GRD
Mthd Phase Diff. H.pr 0.017 V.pr 0.036

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 5 HDOP max 0.4
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 239460.0 End wk 1067 sec 239467.0

GPSVEC TP Point ID 2214 DX 3005.649 DY 1140.320
Class Normal DZ 3322.644 Code GRD
Mthd Phase Diff. H.pr 0.019 V.pr 0.040

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 239482.0 End wk 1067 sec 239485.0

GPSVEC TP Point ID 2215 DX 2994.645 DY 1152.143
Class Normal DZ 3333.446 Code GRD
Mthd Phase Diff. H.pr 0.017 V.pr 0.034

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 239503.0 End wk 1067 sec 239507.0

GPSVEC TP Point ID 2216 DX 2984.016 DY 1165.378
Class Normal DZ 3344.224 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.048

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 239527.0 End wk 1067 sec 239531.0

GPSVEC TP Point ID 2217 DX 2973.197 DY 1178.287
Class Normal DZ 3355.242 Code GRD
Mthd Phase Diff. H.pr 0.019 V.pr 0.038

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 239554.0 End wk 1067 sec 239556.0

GPSVEC TP Point ID 2218 DX 2962.515 DY 1191.698
Class Normal DZ 3365.328 Code GRD
Mthd Phase Diff. H.pr 0.032 V.pr 0.064

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 239576.0 End wk 1067 sec 239581.0

GPSVEC TP Point ID 2219 DX 2951.231 DY 1204.451
Class Normal DZ 3376.706 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.042

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GPSQC1  NM  Min SVs      6              PDOP max  1.4
        Total GPS pos  3              HDOP max  0.6
        Monitor status Yes            VDOP max  1.3
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1067 sec 239602.0       End wk 1067   sec 239604.0

GPSVEC  TP  Point ID 2220      DX   2940.297        DY   1217.174
        Class Normal        DZ   3387.556        Code GRD
        Mthd Phase Diff.    H.pr 0.018           V.pr 0.035

GPSQC1  NM  Min SVs      6              PDOP max  1.1
        Total GPS pos  6              HDOP max  0.5
        Monitor status Yes            VDOP max  1.0
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1067 sec 239629.0       End wk 1067   sec 239634.0

INIT    KI  Init event    Lost            Week        1067
        Init type     On the fly        seconds     239641.0
        Init counter  22                Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

NOTE    TS  Time Date 06/20/2000 Time 18:41:52

INIT    KI  Init event    Gained          Week        1067
        Init type     On the fly        seconds     240123.0
        Init counter  23                Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

GPSVEC  TP  Point ID 2221      DX   3915.764        DY   1138.615
        Class Normal        DZ   3851.754        Code TOE LEVEE
        Mthd Phase Diff.    H.pr 0.022           V.pr 0.039

GPSQC1  NM  Min SVs      6              PDOP max  1.0
        Total GPS pos  5              HDOP max  0.5
        Monitor status Yes            VDOP max  0.9
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1067 sec 240140.0       End wk 1067   sec 240144.0

INIT    KI  Init event    Lost            Week        1067
        Init type     On the fly        seconds     240149.0
        Init counter  23                Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>
```

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NOTE   KI  LINE. Name: 11, Code: , Method: Two points, Start pt: 2221,

NOTE   KI  End pt: 2011, Azimuth: 133.818°, Length: 5.043ft,

NOTE   KI  Grade: 44.026°

INIT   KI  Init event   Gained          Week        1067
           Init type    On the fly      seconds     240175.0
           Init counter 24              Point ID    <no text>
           Survey type  Real Time       Plate H. Dist <null>
           Plate V. Dist <null>         Plate azimuth <null>

GPSVEC  TP  Point ID 2222      DX  3905.234       DY  1151.012
           Class Normal       DZ  3863.259       Code GRD
           Mthd Phase Diff.   H.pr 0.017         V.pr 0.030

GPSQC1  NM  Min SVs      6            PDOP max  1.1
           Total GPS pos  4           HDOP max  0.6
           Monitor status Yes         VDOP max  1.0
           Horizontal SD  0.000       Vert SD   0.000
           Start wk 1067 sec 240206.0      End wk 1067   sec 240209.0

GPSVEC  TP  Point ID 2223      DX  3894.708       DY  1163.376
           Class Normal       DZ  3874.873       Code GRD
           Mthd Phase Diff.   H.pr 0.021         V.pr 0.036

GPSQC1  NM  Min SVs      6            PDOP max  1.0
           Total GPS pos  4           HDOP max  0.5
           Monitor status Yes         VDOP max  0.9
           Horizontal SD  0.000       Vert SD   0.000
           Start wk 1067 sec 240227.0      End wk 1067   sec 240230.0

GPSVEC  TP  Point ID 2224      DX  3884.313       DY  1175.959
           Class Normal       DZ  3886.229       Code GRD
           Mthd Phase Diff.   H.pr 0.023         V.pr 0.038

GPSQC1  NM  Min SVs      6            PDOP max  1.1
           Total GPS pos  4           HDOP max  0.6
           Monitor status Yes         VDOP max  1.0
           Horizontal SD  0.000       Vert SD   0.000
           Start wk 1067 sec 240250.0      End wk 1067   sec 240253.0

GPSVEC  TP  Point ID 2225      DX  3873.988       DY  1188.873
           Class Normal       DZ  3897.783       Code GRD
           Mthd Phase Diff.   H.pr 0.024         V.pr 0.041
```

```
GPSQC1  NM  Min SVs      6              PDOP max  1.1
        Total GPS pos  4              HDOP max  0.6
        Monitor status Yes            VDOP max  1.0
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1067 sec 240271.0      End wk 1067   sec 240274.0

GPSVEC  TP  Point ID 2226      DX   3863.194        DY   1201.099
        Class Normal        DZ   3909.316        Code GRD
        Mthd Phase Diff.    H.pr 0.019           V.pr 0.032

GPSQC1  NM  Min SVs      6              PDOP max  1.0
        Total GPS pos  4              HDOP max  0.5
        Monitor status Yes            VDOP max  0.9
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1067 sec 240293.0      End wk 1067   sec 240297.0

GPSVEC  TP  Point ID 2227      DX   3852.603        DY   1213.276
        Class Normal        DZ   3921.087        Code GRD
        Mthd Phase Diff.    H.pr 0.027           V.pr 0.045

GPSQC1  NM  Min SVs      6              PDOP max  1.1
        Total GPS pos  3              HDOP max  0.6
        Monitor status Yes            VDOP max  1.0
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1067 sec 240318.0      End wk 1067   sec 240320.0

GPSVEC  TP  Point ID 2228      DX   3841.912        DY   1225.508
        Class Normal        DZ   3932.745        Code GRD
        Mthd Phase Diff.    H.pr 0.019           V.pr 0.032

GPSQC1  NM  Min SVs      6              PDOP max  1.0
        Total GPS pos  4              HDOP max  0.5
        Monitor status Yes            VDOP max  0.9
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1067 sec 240335.0      End wk 1067   sec 240339.0

GPSVEC  TP  Point ID 2229      DX   3831.992        DY   1238.812
        Class Normal        DZ   3943.538        Code GRD
        Mthd Phase Diff.    H.pr 0.019           V.pr 0.031

GPSQC1  NM  Min SVs      6              PDOP max  1.2
        Total GPS pos  3              HDOP max  0.6
        Monitor status Yes            VDOP max  1.1
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1067 sec 240358.0      End wk 1067   sec 240360.0
```

GPSVEC TP Point ID 2230 DX 3821.433 DY 1252.082
Class Normal DZ 3954.993 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.043

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 240376.0 End wk 1067 sec 240378.0

GPSVEC TP Point ID 2231 DX 3810.729 DY 1264.869
Class Normal DZ 3966.600 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.045

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 240392.0 End wk 1067 sec 240395.0

GPSVEC TP Point ID 2232 DX 3800.000 DY 1276.687
Class Normal DZ 3978.381 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.035

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 240412.0 End wk 1067 sec 240415.0

GPSVEC TP Point ID 2233 DX 3789.786 DY 1289.148
Class Normal DZ 3989.567 Code GRD
Mthd Phase Diff. H.pr 0.020 V.pr 0.033

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 240431.0 End wk 1067 sec 240433.0

GPSVEC TP Point ID 2234 DX 3779.174 DY 1301.680
Class Normal DZ 4000.942 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.036

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 240452.0 End wk 1067 sec 240454.0

GPSVEC TP Point ID 2235 DX 3769.028 DY 1314.324
Class Normal DZ 4012.656 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.034

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 240482.0 End wk 1067 sec 240485.0

GPSVEC TP Point ID 2236 DX 3763.302 DY 1320.647
Class Normal DZ 4018.793 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.038

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 240505.0 End wk 1067 sec 240507.0

GPSVEC TP Point ID 2237 DX 3759.752 DY 1323.141
Class Normal DZ 4022.761 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.035

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 240523.0 End wk 1067 sec 240526.0

GPSVEC TP Point ID 2238 DX 3756.036 DY 1324.535
Class Normal DZ 4027.369 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.034

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 240562.0 End wk 1067 sec 240565.0

GPSVEC TP Point ID 2239 DX 3746.717 DY 1330.820
Class Normal DZ 4038.486 Code GRD
Mthd Phase Diff. H.pr 0.030 V.pr 0.047

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 240588.0 End wk 1067 sec 240591.0

INIT KI Init event Lost Week 1067
Init type On the fly seconds 240598.0
Init counter 24 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1067
Init type On the fly seconds 240846.0
Init counter 25 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Lost Week 1067
Init type On the fly seconds 240886.0
Init counter 25 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1067
Init type On the fly seconds 241369.0
Init counter 26 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Lost Week 1067
Init type On the fly seconds 241386.0
Init counter 26 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

SURVEY KI Elev mask 10 PDOP mask 6.0

NOTE TS Time Date 06/20/2000 Time 19:20:22

```
EQUIP  NM  Receiver  4800              Serial no 20152374
       Antenna  4800 Internal
       Method   Measured to bottom of antenna mount
       Tape adj  0.000              Serial no <no text>
       Radius   0.000              V.Const  0.511

SURVEY EVENTKISurvey event Rover survey started

NOTE   TS  Time Date 06/20/2000 Time 19:20:33

GPSANT  KI  Antenna ht 5.423              Measuremt True

GPSREF  KI  Reference BAS2

INIT   KI  Init event   Gained          Week       1067
       Init type    On the fly       seconds     242476.0
       Init counter  1              Point ID     <no text>
       Survey type  Real Time         Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>

EQUIP  NM  Receiver  4800              Serial no 20152374
       Antenna  4800 Internal
       Method   Measured to bottom of antenna mount
       Tape adj  0.000              Serial no <no text>
       Radius   0.000              V.Const  0.511

GPSANT  KI  Antenna ht 5.906              Measuremt Uncorrected

GPSVEC  TP  Point ID 209       DX  5819.795       DY  2107.871
       Class Normal        DZ  6294.338       Code SG 65+00E NR
       Mthd Phase Diff.    H.pr 0.024         V.pr 0.031

GPSQC1  NM  Min SVs       5              PDOP max  1.3
       Total GPS pos  5              HDOP max  0.8
       Monitor status Yes            VDOP max  1.0
       Horizontal SD  0.000          Vert SD  0.000
       Start wk 1067 sec 242571.0       End wk 1067   sec 242575.0

INIT   KI  Init event   Lost          Week       1067
       Init type    On the fly       seconds     242582.0
       Init counter  1              Point ID     <no text>
       Survey type   Real Time        Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>
```

```
INIT   KI  Init event   Gained          Week        1067
        Init type    On the fly       seconds      242627.0
        Init counter  2              Point ID     <no text>
        Survey type   Real Time        Plate H. Dist <null>
        Plate V. Dist <null>          Plate azimuth <null>

GPSVEC  TP  Point ID 210       DX   5819.818        DY   2107.864
        Class Normal        DZ   6294.297        Code SG 65+00E NR
        Mthd Phase Diff.    H.pr 0.027           V.pr 0.036

GPSQC1  NM  Min SVs       5              PDOP max  1.2
        Total GPS pos  6              HDOP max  0.7
        Monitor status Yes            VDOP max  0.9
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1067 sec 242640.0       End wk 1067   sec 242645.0

INIT   KI  Init event   Lost            Week        1067
        Init type    On the fly       seconds      242678.0
        Init counter  2              Point ID     <no text>
        Survey type   Real Time        Plate H. Dist <null>
        Plate V. Dist <null>          Plate azimuth <null>

INIT   KI  Init event   Gained          Week        1067
        Init type    On the fly       seconds      242986.0
        Init counter  3              Point ID     <no text>
        Survey type   Real Time        Plate H. Dist <null>
        Plate V. Dist <null>          Plate azimuth <null>

GPSVEC  TP  Point ID 211       DX   6467.851        DY   2252.930
        Class Normal        DZ   6873.830        Code SG 75+00E NR
        Mthd Phase Diff.    H.pr 0.028           V.pr 0.038

GPSQC1  NM  Min SVs       6              PDOP max  0.8
        Total GPS pos  8              HDOP max  0.5
        Monitor status Yes            VDOP max  0.6
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1067 sec 243034.0       End wk 1067   sec 243041.0

INIT   KI  Init event   Lost            Week        1067
        Init type    On the fly       seconds      243047.0
        Init counter  3              Point ID     <no text>
        Survey type   Real Time        Plate H. Dist <null>
        Plate V. Dist <null>          Plate azimuth <null>
```

```
INIT   KI  Init event   Gained          Week        1067
       Init type    On the fly       seconds     243121.0
       Init counter  4              Point ID    <no text>
       Survey type   Real Time        Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>

GPSVEC  TP  Point ID 212       DX  6467.843       DY  2252.893
       Class Normal        DZ  6873.837        Code SG 75+00E NR
       Mthd Phase Diff.    H.pr 0.027          V.pr 0.036

GPSQC1  NM  Min SVs       6              PDOP max  0.8
       Total GPS pos  7              HDOP max  0.5
       Monitor status Yes            VDOP max  0.7
       Horizontal SD  0.000          Vert SD   0.000
       Start wk 1067 sec 243131.0       End wk 1067   sec 243137.0

INIT   KI  Init event   Lost            Week        1067
       Init type    On the fly       seconds     243152.0
       Init counter  4              Point ID    <no text>
       Survey type   Real Time        Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>

INIT   KI  Init event   Gained          Week        1067
       Init type    On the fly       seconds     243181.0
       Init counter  5              Point ID    <no text>
       Survey type   Real Time        Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>

GPSVEC  TP  Point ID 213       DX  6467.866       DY  2252.900
       Class Normal        DZ  6873.776        Code SG 75+00E NR
       Mthd Phase Diff.    H.pr 0.035          V.pr 0.047

GPSQC1  NM  Min SVs       6              PDOP max  1.0
       Total GPS pos  5              HDOP max  0.6
       Monitor status Yes            VDOP max  0.8
       Horizontal SD  0.000          Vert SD   0.000
       Start wk 1067 sec 243190.0       End wk 1067   sec 243194.0

INIT   KI  Init event   Lost            Week        1067
       Init type    On the fly       seconds     243220.0
       Init counter  5              Point ID    <no text>
       Survey type   Real Time        Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>

SURVEY  KI  Elev mask 10              PDOP mask 6.0
```

```
EQUIP  BA  Receiver  4800              Serial no 20141803
       Antenna  4800 Internal
       Method   Reading from hook using 4800 tape
       Tape adj  0.000              Serial no <no text>
       Radius   0.358              V.Const  0.104

SURVEY EVENTKISurvey event Base survey started

NOTE   TS  Time Date 06/21/2000 Time 14:35:53

EQUIP  BA  Receiver  4800              Serial no 20141803
       Antenna  4800 Internal
       Method   Reading from hook using 4800 tape
       Tape adj  0.000              Serial no <no text>
       Radius   0.358              V.Const  0.104

GPSANT  KI  Antenna ht 5.381              Measuremt Uncorrected

EQUIP  BA  Receiver  4800              Serial no 20141803
       Antenna  4800 Internal
       Method   Reading from hook using 4800 tape
       Tape adj  0.000              Serial no <no text>
       Radius   0.358              V.Const  0.104

GPSANT  KI  Antenna ht 5.381              Measuremt Uncorrected

EQUIP  BA  Receiver  4800              Serial no 20141803
       Antenna  4800 Internal
       Method   Reading from hook using 4800 tape
       Tape adj  0.000              Serial no <no text>
       Radius   0.358              V.Const  0.104

GPSANT  KI  Antenna ht 5.381              Measuremt Uncorrected

GPSREF  KI  Reference BAS2

EQUIP  NM  Receiver  4800              Serial no 20152374
       Antenna  4800 Internal
       Method   Measured to bottom of antenna mount
       Tape adj  0.000              Serial no <no text>
       Radius   0.000              V.Const  0.511

SURVEY EVENTKISurvey event Rover survey started

NOTE   TS  Time Date 06/21/2000 Time 14:36:29
```

SURVEY KI Elev mask 10 PDOP mask 6.0

EQUIP NM Receiver 4800 Serial no 20152374
Antenna 4800 Internal
Method Measured to bottom of antenna mount
Tape adj 0.000 Serial no <no text>
Radius 0.000 V.Const 0.511

SURVEY EVENTKISurvey event Rover survey started

NOTE TS Time Date 06/21/2000 Time 14:36:52

GPSANT KI Antenna ht 5.472 Measuremt True

GPSREF KI Reference BAS2

NOTE KI LINE. Name: 12, Code: , Method: Two points, Start pt: 162,

NOTE KI End pt: 154, Azimuth: 97.628°, Length: 541.670ft,

NOTE KI Grade: 0.138°

NOTE KI LINE. Name: 13, Code: , Method: Two points, Start pt: 164,

NOTE KI End pt: 156, Azimuth: 110.840°, Length: 515.429ft,

NOTE KI Grade: 0.061°

NOTE KI LINE. Name: 14, Code: , Method: Two points, Start pt: 166,

NOTE KI End pt: 158, Azimuth: 110.174°, Length: 515.864ft,

NOTE KI Grade: 0.020°

NOTE KI LINE. Name: 15, Code: , Method: Two points, Start pt: 168,

NOTE KI End pt: 160, Azimuth: 90.757°, Length: 520.853ft,

NOTE KI Grade: 0.153°

INIT KI Init event Gained Week 1067
Init type On the fly seconds 313132.0
Init counter 1 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

```
EQUIP   NM  Receiver  4800                Serial no 20152374
        Antenna   4800 Internal
        Method    Measured to bottom of antenna mount
        Tape adj  0.000                 Serial no <no text>
        Radius    0.000                 V.Const   0.511

GPSANT  KI  Antenna ht 5.906                Measuremt Uncorrected

NOTE    TS  Time Date 06/21/2000 Time 15:05:38

INIT    KI  Init event    Lost            Week        1067
        Init type     On the fly        seconds     313549.0
        Init counter  1                 Point ID    <no text>
        Survey type   Real Time           Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

INIT    KI  Init event    Gained          Week        1067
        Init type     On the fly        seconds     313688.0
        Init counter  2                 Point ID    <no text>
        Survey type   Real Time           Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

GPSVEC  TP  Point ID 214        DX   7540.245        DY   2855.578
        Class Normal        DZ   8337.825        Code SG 95+00W NR
        Mthd Phase Diff.    H.pr 0.029          V.pr 0.048

GPSQC1  NM  Min SVs       7             PDOP max  0.8
        Total GPS pos  6              HDOP max  0.4
        Monitor status Yes            VDOP max  0.6
        Horizontal SD  0.000            Vert SD   0.000
        Start wk 1067 sec 313799.0       End wk 1067   sec 313804.0

INIT    KI  Init event    Lost            Week        1067
        Init type     On the fly        seconds     313810.0
        Init counter  2                 Point ID    <no text>
        Survey type   Real Time           Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

INIT    KI  Init event    Gained          Week        1067
        Init type     On the fly        seconds     313847.0
        Init counter  3                 Point ID    <no text>
        Survey type   Real Time           Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>
```

GPSVEC TP Point ID 215 DX 7540.265 DY 2855.584
Class Normal DZ 8337.840 Code SG 95+00W NR
Mthd Phase Diff. H.pr 0.023 V.pr 0.038

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 5 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 313852.0 End wk 1067 sec 313856.0

NOTE KI LINE. Name: 12, Code: , Method: Two points, Start pt: 214,

NOTE KI End pt: 168, Azimuth: 297.154°, Length: 13.487ft,

NOTE KI Grade: 37.535°

GPSVEC TP Point ID 2240 DX 7544.720 DY 2856.470
Class Normal DZ 8333.632 Code TOE LEVEE
Mthd Phase Diff. H.pr 0.025 V.pr 0.045

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 314198.0 End wk 1067 sec 314201.0

GPSVEC TP Point ID 2241 DX 7556.830 DY 2847.805
Class Normal DZ 8327.639 Code GRD
Mthd Phase Diff. H.pr 0.020 V.pr 0.035

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 314223.0 End wk 1067 sec 314227.0

GPSVEC TP Point ID 2242 DX 7570.476 DY 2836.996
Class Normal DZ 8320.268 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.039

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 314244.0 End wk 1067 sec 314248.0

GPSVEC TP Point ID 2243 DX 7585.548 DY 2825.326
Class Normal DZ 8312.518 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.046

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 314279.0 End wk 1067 sec 314282.0

GPSVEC TP Point ID 2244 DX 7591.994 DY 2819.796
Class Normal DZ 8309.404 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.039

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 314296.0 End wk 1067 sec 314299.0

GPSVEC TP Point ID 2245 DX 7600.921 DY 2812.853
Class Normal DZ 8304.733 Code GRD
Mthd Phase Diff. H.pr 0.029 V.pr 0.052

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 314328.0 End wk 1067 sec 314331.0

GPSVEC TP Point ID 2246 DX 7614.548 DY 2802.316
Class Normal DZ 8297.515 Code GRD
Mthd Phase Diff. H.pr 0.030 V.pr 0.053

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 314355.0 End wk 1067 sec 314358.0

GPSVEC TP Point ID 2247 DX 7629.290 DY 2790.785
Class Normal DZ 8290.164 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.045

GPSQC1 NM Min SVs 6 PDOP max 0.9
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 314381.0 End wk 1067 sec 314386.0

GPSVEC TP Point ID 2248 DX 7643.832 DY 2779.163
Class Normal DZ 8282.741 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.041

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 314425.0 End wk 1067 sec 314428.0

GPSVEC TP Point ID 2249 DX 7659.186 DY 2767.358
Class Normal DZ 8275.404 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.038

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 314578.0 End wk 1067 sec 314581.0

GPSVEC TP Point ID 2250 DX 7672.706 DY 2756.324
Class Normal DZ 8267.760 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.042

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 314606.0 End wk 1067 sec 314608.0

GPSVEC TP Point ID 2251 DX 7687.006 DY 2745.307
Class Normal DZ 8260.725 Code GRD
Mthd Phase Diff. H.pr 0.019 V.pr 0.031

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 314628.0 End wk 1067 sec 314632.0

GPSVEC TP Point ID 2252 DX 7701.105 DY 2734.672
Class Normal DZ 8253.089 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.043

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 314657.0 End wk 1067 sec 314661.0

GPSVEC TP Point ID 2253 DX 7708.747 DY 2728.908
Class Normal DZ 8248.652 Code GRD
Mthd Phase Diff. H.pr 0.035 V.pr 0.056

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 314675.0 End wk 1067 sec 314677.0

GPSVEC TP Point ID 2254 DX 7715.440 DY 2723.284
Class Normal DZ 8245.646 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.035

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 314694.0 End wk 1067 sec 314697.0

GPSVEC TP Point ID 2255 DX 7731.716 DY 2710.633
Class Normal DZ 8237.006 Code GRD
Mthd Phase Diff. H.pr 0.019 V.pr 0.030

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 314721.0 End wk 1067 sec 314725.0

GPSVEC TP Point ID 2256 DX 7745.482 DY 2699.522
Class Normal DZ 8230.167 Code GRD
Mthd Phase Diff. H.pr 0.030 V.pr 0.048

GPSQC1 NM Min SVs 7 PDOP max 0.7
Total GPS pos 6 HDOP max 0.4
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 314747.0 End wk 1067 sec 314753.0

GPSVEC TP Point ID 2257 DX 7760.685 DY 2687.775
Class Normal DZ 8222.419 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.040

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 314774.0 End wk 1067 sec 314776.0

GPSVEC TP Point ID 216 DX 8000.187 DY 2669.697
Class Normal DZ 8342.309 Code SG 95+00E NR
Mthd Phase Diff. H.pr 0.020 V.pr 0.031

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 5 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 314981.0 End wk 1067 sec 314986.0

INIT KI Init event Lost Week 1067
Init type On the fly seconds 314991.0
Init counter 3 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1067
Init type On the fly seconds 315012.0
Init counter 4 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 217 DX 8000.183 DY 2669.697
Class Normal DZ 8342.295 Code SG 95+00E NR
Mthd Phase Diff. H.pr 0.023 V.pr 0.036

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 6 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 315085.0 End wk 1067 sec 315090.0

NOTE KI LINE. Name: 13, Code: , Method: Two points, Start pt: 216,

NOTE KI End pt: 160, Azimuth: 107.524°, Length: 13.401ft,

NOTE KI Grade: 40.101°

GPSVEC TP Point ID 2258 DX 7998.226 DY 2675.238
Class Normal DZ 8341.139 Code TOE LEVEE
Mthd Phase Diff. H.pr 0.032 V.pr 0.051

GPSQC1 NM Min SVs 6 PDOP max 0.9
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 315197.0 End wk 1067 sec 315201.0

GPSVEC TP Point ID 2259 DX 7985.654 DY 2683.356
Class Normal DZ 8344.720 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.035

GPSQC1 NM Min SVs 6 PDOP max 0.9
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 315235.0 End wk 1067 sec 315238.0

GPSVEC TP Point ID 2260 DX 7969.815 DY 2693.039
Class Normal DZ 8349.640 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.040

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 315268.0 End wk 1067 sec 315271.0

GPSVEC TP Point ID 2261 DX 7954.521 DY 2702.156
Class Normal DZ 8354.330 Code GRD
Mthd Phase Diff. H.pr 0.028 V.pr 0.043

GPSQC1 NM Min SVs 6 PDOP max 0.9
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 315291.0 End wk 1067 sec 315295.0

GPSVEC TP Point ID 2262 DX 7936.081 DY 2714.211
Class Normal DZ 8359.793 Code GRD
Mthd Phase Diff. H.pr 0.033 V.pr 0.051

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 315313.0 End wk 1067 sec 315316.0

GPSVEC TP Point ID 2263 DX 7919.249 DY 2724.429
Class Normal DZ 8364.655 Code GRD
Mthd Phase Diff. H.pr 0.034 V.pr 0.053

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 315335.0 End wk 1067 sec 315338.0

NOTE TS Time Date 06/21/2000 Time 15:35:52

GPSVEC TP Point ID 2264 DX 7902.435 DY 2735.005
Class Normal DZ 8369.744 Code GRD
Mthd Phase Diff. H.pr 0.028 V.pr 0.044

GPSQC1 NM Min SVs 6 PDOP max 0.9
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 315359.0 End wk 1067 sec 315363.0

GPSVEC TP Point ID 2265 DX 7881.225 DY 2748.167
Class Normal DZ 8376.142 Code GRD
Mthd Phase Diff. H.pr 0.031 V.pr 0.047

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 315388.0 End wk 1067 sec 315391.0

GPSVEC TP Point ID 2266 DX 7869.442 DY 2749.148
Class Normal DZ 8381.439 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.034

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 315492.0 End wk 1067 sec 315495.0

GPSVEC TP Point ID 2267 DX 7866.025 DY 2753.733
Class Normal DZ 8382.563 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.035

GPSQC1 NM Min SVs 7 PDOP max 0.7
Total GPS pos 5 HDOP max 0.4
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 315620.0 End wk 1067 sec 315625.0

GPSVEC TP Point ID 2268 DX 7852.448 DY 2763.281
Class Normal DZ 8386.395 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.041

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 315658.0 End wk 1067 sec 315661.0

GPSVEC TP Point ID 2269 DX 7836.165 DY 2774.413
Class Normal DZ 8391.636 Code GRD
Mthd Phase Diff. H.pr 0.028 V.pr 0.042

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 315701.0 End wk 1067 sec 315703.0

GPSVEC TP Point ID 2270 DX 7824.666 DY 2781.928
Class Normal DZ 8394.337 Code GRD
Mthd Phase Diff. H.pr 0.032 V.pr 0.048

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 315722.0 End wk 1067 sec 315724.0

GPSVEC TP Point ID 2271 DX 7819.793 DY 2786.141
Class Normal DZ 8395.636 Code GRD
Mthd Phase Diff. H.pr 0.030 V.pr 0.044

GPSQC1 NM Min SVs 7 PDOP max 0.7
Total GPS pos 5 HDOP max 0.4
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 315741.0 End wk 1067 sec 315746.0

GPSVEC TP Point ID 2272 DX 7809.142 DY 2793.526
Class Normal DZ 8397.557 Code GRD
Mthd Phase Diff. H.pr 0.031 V.pr 0.046

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 315765.0 End wk 1067 sec 315767.0

GPSVEC TP Point ID 2273 DX 7798.793 DY 2800.383
Class Normal DZ 8401.210 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.034

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 4 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 315797.0 End wk 1067 sec 315801.0

GPSVEC TP Point ID 2274 DX 7786.494 DY 2808.231
Class Normal DZ 8404.722 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.032

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 315829.0 End wk 1067 sec 315832.0

GPSVEC TP Point ID 2275 DX 7771.338 DY 2817.096
Class Normal DZ 8409.217 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.041

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 5 HDOP max 0.4
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 315884.0 End wk 1067 sec 315888.0

GPSVEC TP Point ID 2276 DX 7755.078 DY 2827.331
Class Normal DZ 8414.201 Code GRD
Mthd Phase Diff. H.pr 0.036 V.pr 0.053

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 5 HDOP max 0.4
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 315922.0 End wk 1067 sec 315926.0

INIT KI Init event Lost Week 1067
Init type On the fly seconds 315933.0
Init counter 4 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

NOTE TS Time Date 06/21/2000 Time 16:14:22

INIT KI Init event Gained Week 1067
Init type On the fly seconds 317674.0
Init counter 5 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

NOTE KI LINE. Name: 14, Code: , Method: Two points, Start pt: 210,

NOTE KI End pt: 154, Azimuth: 127.905°, Length: 16.725ft,

NOTE KI Grade: 39.906°

GPSVEC TP Point ID 2277 DX 5818.380 DY 2114.101
Class Normal DZ 6294.121 Code TOE LEVEE
Mthd Phase Diff. H.pr 0.024 V.pr 0.040

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 318297.0 End wk 1067 sec 318302.0

GPSVEC TP Point ID 2278 DX 5809.521 DY 2123.335
Class Normal DZ 6301.586 Code GRD
Mthd Phase Diff. H.pr 0.034 V.pr 0.057

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 318332.0 End wk 1067 sec 318336.0

GPSVEC TP Point ID 2279 DX 5796.958 DY 2135.482
Class Normal DZ 6312.508 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.045

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 318359.0 End wk 1067 sec 318363.0

GPSVEC TP Point ID 2280 DX 5785.098 DY 2148.212
Class Normal DZ 6322.521 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.039

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 8 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 318383.0 End wk 1067 sec 318397.0

GPSVEC TP Point ID 2281 DX 5772.840 DY 2160.497
Class Normal DZ 6332.584 Code GRD
Mthd Phase Diff. H.pr 0.030 V.pr 0.050

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 318455.0 End wk 1067 sec 318459.0

GPSVEC TP Point ID 2282 DX 5761.005 DY 2172.560
Class Normal DZ 6342.812 Code GRD
Mthd Phase Diff. H.pr 0.034 V.pr 0.058

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 318482.0 End wk 1067 sec 318487.0

GPSVEC TP Point ID 2283 DX 5756.986 DY 2176.762
Class Normal DZ 6346.086 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.040

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 4 HDOP max 0.7
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 318501.0 End wk 1067 sec 318504.0

GPSVEC TP Point ID 2284 DX 5754.009 DY 2180.190
Class Normal DZ 6348.059 Code GRD
Mthd Phase Diff. H.pr 0.028 V.pr 0.047

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 318522.0 End wk 1067 sec 318526.0

GPSVEC TP Point ID 2285 DX 5750.608 DY 2182.986
Class Normal DZ 6351.164 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.040

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 6 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 318537.0 End wk 1067 sec 318542.0

GPSVEC TP Point ID 2286 DX 5741.297 DY 2187.285
Class Normal DZ 6359.631 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.039

GPSQC1 NM Min SVs 6 PDOP max 0.9
Total GPS pos 9 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 318682.0 End wk 1067 sec 318690.0

GPSVEC TP Point ID 2287 DX 5737.280 DY 2195.878
Class Normal DZ 6363.324 Code GRD
Mthd Phase Diff. H.pr 0.020 V.pr 0.034

GPSQC1 NM Min SVs 6 PDOP max 1.5
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 1.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 318844.0 End wk 1067 sec 318846.0

GPSVEC TP Point ID 2288 DX 5729.965 DY 2201.154
Class Normal DZ 6369.094 Code GRD
Mthd Phase Diff. H.pr 0.029 V.pr 0.050

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 318888.0 End wk 1067 sec 318892.0

GPSVEC TP Point ID 2289 DX 5721.530 DY 2209.471
Class Normal DZ 6376.483 Code GRD
Mthd Phase Diff. H.pr 0.029 V.pr 0.051

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 4 HDOP max 0.7
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 318933.0 End wk 1067 sec 318936.0

GPSVEC TP Point ID 2290 DX 5720.162 DY 2212.419
Class Normal DZ 6377.183 Code GRD
Mthd Phase Diff. H.pr 0.032 V.pr 0.057

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 318955.0 End wk 1067 sec 318959.0

GPSVEC TP Point ID 2291 DX 5711.857 DY 2220.897
Class Normal DZ 6384.918 Code GRD
Mthd Phase Diff. H.pr 0.032 V.pr 0.057

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 7 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 318998.0 End wk 1067 sec 319004.0

GPSVEC TP Point ID 2292 DX 5699.604 DY 2232.202
Class Normal DZ 6394.822 Code GRD
Mthd Phase Diff. H.pr 0.034 V.pr 0.060

GPSQC1 NM Min SVs 6 PDOP max 0.9
Total GPS pos 8 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 319031.0 End wk 1067 sec 319048.0

GPSVEC TP Point ID 2293 DX 5690.525 DY 2240.813
Class Normal DZ 6403.192 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.044

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 6 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 319089.0 End wk 1067 sec 319094.0

GPSVEC TP Point ID 2294 DX 5687.154 DY 2243.206
Class Normal DZ 6405.841 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.046

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 319111.0 End wk 1067 sec 319115.0

GPSVEC TP Point ID 2295 DX 5674.864 DY 2255.466
Class Normal DZ 6416.568 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.046

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 4 HDOP max 0.7
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 319140.0 End wk 1067 sec 319143.0

GPSVEC TP Point ID 2296 DX 5666.510 DY 2263.172
Class Normal DZ 6423.986 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.046

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 319170.0 End wk 1067 sec 319174.0

GPSVEC TP Point ID 2297 DX 5661.472 DY 2274.300
Class Normal DZ 6426.635 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.047

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 6 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 319212.0 End wk 1067 sec 319217.0

GPSVEC TP Point ID 2298 DX 5652.686 DY 2283.732
Class Normal DZ 6433.493 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.048

GPSQC1 NM Min SVs 6 PDOP max 0.9
Total GPS pos 10 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 319243.0 End wk 1067 sec 319252.0

GPSVEC TP Point ID 2299 DX 5640.599 DY 2296.375
Class Normal DZ 6444.066 Code GRD
Mthd Phase Diff. H.pr 0.035 V.pr 0.064

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 319281.0 End wk 1067 sec 319285.0

INIT KI Init event Lost Week 1067
Init type On the fly seconds 319296.0
Init counter 5 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1067
Init type On the fly seconds 319322.0
Init counter 6 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

NOTE TS Time Date 06/21/2000 Time 16:46:35

GPSVEC TP Point ID 218 DX 5358.947 DY 2327.303
Class Normal DZ 6336.678 Code SG 65+00W NR
Mthd Phase Diff. H.pr 0.033 V.pr 0.061

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 9 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 319599.0 End wk 1067 sec 319607.0

INIT KI Init event Lost Week 1067
Init type On the fly seconds 319611.0
Init counter 6 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1067
Init type On the fly seconds 319638.0
Init counter 7 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 219 DX 5358.925 DY 2327.356
Class Normal DZ 6336.721 Code SG 65+00W NR
Mthd Phase Diff. H.pr 0.025 V.pr 0.047

SQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 319657.0 End wk 1067 sec 319664.0

OTE KI LINE. Name: 15, Code: , Method: Two points, Start pt: 219,

OTE KI End pt: 162, Azimuth: 301.794°, Length: 16.739ft,

IOTE KI Grade: 37.348°

GPSVEC TP Point ID 2300 DX 5362.758 DY 2328.277
Class Normal DZ 6332.792 Code TOE LEVEE
Mthd Phase Diff. H.pr 0.027 V.pr 0.052

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 319809.0 End wk 1067 sec 319813.0

GPSVEC TP Point ID 2301 DX 5373.616 DY 2319.576
Class Normal DZ 6325.284 Code GRD
Mthd Phase Diff. H.pr 0.033 V.pr 0.063

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 319852.0 End wk 1067 sec 319867.0

GPSVEC TP Point ID 2302 DX 5386.593 DY 2308.025
Class Normal DZ 6317.262 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.045

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 319906.0 End wk 1067 sec 319926.0

GPSVEC TP Point ID 2303 DX 5401.300 DY 2295.588
Class Normal DZ 6307.547 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.046

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 319951.0 End wk 1067 sec 319957.0

GPSVEC TP Point ID 2304 DX 5414.580 DY 2284.183
Class Normal DZ 6299.540 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.043

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 8 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 319977.0 End wk 1067 sec 319985.0

GPSVEC TP Point ID 2305 DX 5421.123 DY 2278.272
Class Normal DZ 6294.975 Code GRD
Mthd Phase Diff. H.pr 0.033 V.pr 0.064

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 320008.0 End wk 1067 sec 320011.0

GPSVEC TP Point ID 2306 DX 5426.317 DY 2269.996
Class Normal DZ 6292.577 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.049

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 320027.0 End wk 1067 sec 320030.0

GPSVEC TP Point ID 2307 DX 5429.503 DY 2268.318
Class Normal DZ 6290.339 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.043

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 8 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 320043.0 End wk 1067 sec 320050.0

GPSVEC TP Point ID 2308 DX 5432.361 DY 2265.699
Class Normal DZ 6288.269 Code GRD
Mthd Phase Diff. H.pr 0.030 V.pr 0.058

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 320072.0 End wk 1067 sec 320074.0

GPSVEC TP Point ID 2309 DX 5436.995 DY 2258.809
Class Normal DZ 6286.924 Code GRD
Mthd Phase Diff. H.pr 0.032 V.pr 0.062

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 320106.0 End wk 1067 sec 320111.0

GPSVEC TP Point ID 2310 DX 5449.178 DY 2247.998
Class Normal DZ 6278.668 Code GRD
Mthd Phase Diff. H.pr 0.032 V.pr 0.064

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 320155.0 End wk 1067 sec 320159.0

GPSVEC TP Point ID 2311 DX 5454.136 DY 2245.946
Class Normal DZ 6274.735 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.046

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 320191.0 End wk 1067 sec 320195.0

GPSVEC TP Point ID 2312 DX 5456.327 DY 2242.997
Class Normal DZ 6273.925 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.045

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 320210.0 End wk 1067 sec 320214.0

GPSVEC TP Point ID 2313 DX 5460.535 DY 2241.613
Class Normal DZ 6270.633 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.053

GPSQC1 NM Min SVs 6 PDOP max 1.5
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 1.4
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 320270.0 End wk 1067 sec 320272.0

GPSVEC TP Point ID 2314 DX 5470.415 DY 2233.619
Class Normal DZ 6264.252 Code GRD
Mthd Phase Diff. H.pr 0.029 V.pr 0.059

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 320293.0 End wk 1067 sec 320296.0

GPSVEC TP Point ID 2315 DX 5474.820 DY 2230.746
Class Normal DZ 6260.756 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.044

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 320327.0 End wk 1067 sec 320329.0

GPSVEC TP Point ID 2316 DX 5487.767 DY 2219.338
Class Normal DZ 6252.404 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.044

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 320364.0 End wk 1067 sec 320372.0

GPSVEC TP Point ID 2317 DX 5490.347 DY 2215.074
Class Normal DZ 6251.026 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.051

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 320394.0 End wk 1067 sec 320398.0

GPSVEC TP Point ID 2318 DX 5498.057 DY 2208.484
Class Normal DZ 6246.352 Code GRD
Mthd Phase Diff. H.pr 0.018 V.pr 0.037

GPSQC1 NM Min SVs 6 PDOP max 1.5
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 1.4
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 320421.0 End wk 1067 sec 320423.0

GPSVEC TP Point ID 2319 DX 5501.627 DY 2204.932
Class Normal DZ 6244.462 Code GRD
Mthd Phase Diff. H.pr 0.018 V.pr 0.036

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 320468.0 End wk 1067 sec 320474.0

GPSVEC TP Point ID 2320 DX 5510.995 DY 2196.606
Class Normal DZ 6238.202 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.052

GPSQC1 NM Min SVs 6 PDOP max 0.8
Total GPS pos 8 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 320501.0 End wk 1067 sec 320552.0

GPSVEC TP Point ID 2321 DX 5521.533 DY 2187.223
Class Normal DZ 6231.718 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.046

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 320579.0 End wk 1067 sec 320583.0

GPSVEC TP Point ID 2322 DX 5532.455 DY 2176.829
Class Normal DZ 6224.455 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.048

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 320616.0 End wk 1067 sec 320621.0

GPSVEC TP Point ID 2323 DX 5541.933 DY 2169.122
Class Normal DZ 6218.503 Code GRD
Mthd Phase Diff. H.pr 0.029 V.pr 0.059

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 320645.0 End wk 1067 sec 320648.0

GPSVEC TP Point ID 2324 DX 5548.562 DY 2163.142
Class Del normal DZ 6213.833 Code GRD
Mthd Phase Diff. H.pr 0.031 V.pr 0.063

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 320671.0 End wk 1067 sec 320676.0

NOTE TS Item deleted Date 06/21/2000 Time 17:05:06

GPSVEC TP Point ID 2324 DX 5548.536 DY 2163.165
Class Normal DZ 6213.859 Code GRD
Mthd Phase Diff. H.pr 0.030 V.pr 0.061

```
GPSQC1  NM  Min SVs      6              PDOP max  1.2
        Total GPS pos  5              HDOP max  0.5
        Monitor status Yes            VDOP max  1.0
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1067 sec 320709.0       End wk 1067   sec 320713.0

GPSVEC  TP  Point ID 2325       DX   5556.189        DY   2156.144
        Class Normal        DZ   6209.258        Code GRD
        Mthd Phase Diff.    H.pr 0.022           V.pr 0.045

GPSQC1  NM  Min SVs      6              PDOP max  1.4
        Total GPS pos  4              HDOP max  0.6
        Monitor status Yes            VDOP max  1.2
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1067 sec 320750.0       End wk 1067   sec 320753.0

NOTE    TS  Time Date 06/21/2000 Time 17:32:45

GPSVEC  TP  Point ID 2326       DX   5564.398        DY   2153.815
        Class Normal        DZ   6203.105        Code GRD
        Mthd Phase Diff.    H.pr 0.028           V.pr 0.057

GPSQC1  NM  Min SVs      6              PDOP max  1.2
        Total GPS pos  5              HDOP max  0.5
        Monitor status Yes            VDOP max  1.1
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1067 sec 320774.0       End wk 1067   sec 320778.0

INIT    KI  Init event    Lost            Week        1067
        Init type     On the fly       seconds      320784.0
        Init counter  7                Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

NOTE    KI  LINE. Name: 16, Code: , Method: Two points, Start pt: 213,

NOTE    KI  End pt: 156, Azimuth: 128.831°, Length: 14.308ft,

NOTE    KI  Grade: 40.764°

INIT    KI  Init event    Gained          Week        1067
        Init type     On the fly       seconds      322424.0
        Init counter  8                Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>
```

GPSVEC TP Point ID 2327 DX 6466.983 DY 2258.482
Class Normal DZ 6873.448 Code TOE LEVEE
Mthd Phase Diff. H.pr 0.026 V.pr 0.052

GPSQC1 NM Min SVs 6 PDOP max 0.9
Total GPS pos 13 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 323020.0 End wk 1067 sec 323034.0

GPSVEC TP Point ID 2328 DX 6463.945 DY 2262.416
Class Normal DZ 6875.808 Code GRD
Mthd Phase Diff. H.pr 0.019 V.pr 0.038

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 7 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 323048.0 End wk 1067 sec 323055.0

GPSVEC TP Point ID 2329 DX 6456.782 DY 2270.042
Class Normal DZ 6881.980 Code GRD
Mthd Phase Diff. H.pr 0.029 V.pr 0.057

GPSQC1 NM Min SVs 6 PDOP max 0.8
Total GPS pos 19 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 323070.0 End wk 1067 sec 323089.0

INIT KI Init event Lost Week 1067
Init type On the fly seconds 323093.0
Init counter 8 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1067
Init type On the fly seconds 323133.0
Init counter 9 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 2330 DX 6448.397 DY 2278.217
Class Normal DZ 6889.581 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.052

```
GPSQC1  NM  Min SVs      7            PDOP max  0.9
        Total GPS pos  14            HDOP max  0.4
        Monitor status Yes           VDOP max  0.8
        Horizontal SD  0.000          Vert SD   0.000
        Start wk 1067 sec 323157.0      End wk 1067   sec 323171.0

GPSVEC  TP  Point ID 2331      DX   6444.901        DY   2282.054
        Class Normal        DZ   6892.920        Code GRD
        Mthd Phase Diff.    H.pr 0.029           V.pr 0.063

GPSQC1  NM  Min SVs      7            PDOP max  1.2
        Total GPS pos  8             HDOP max  0.5
        Monitor status Yes           VDOP max  1.1
        Horizontal SD  0.000          Vert SD   0.000
        Start wk 1067 sec 323189.0      End wk 1067   sec 323196.0

GPSVEC  TP  Point ID 2332      DX   6441.449        DY   2286.200
        Class Normal        DZ   6895.347        Code GRD
        Mthd Phase Diff.    H.pr 0.029           V.pr 0.057

GPSQC1  NM  Min SVs      8            PDOP max  0.7
        Total GPS pos  13            HDOP max  0.3
        Monitor status Yes           VDOP max  0.6
        Horizontal SD  0.000          Vert SD   0.000
        Start wk 1067 sec 323214.0      End wk 1067   sec 323227.0

GPSVEC  TP  Point ID 2333      DX   6431.853        DY   2296.938
        Class Normal        DZ   6903.474        Code GRD
        Mthd Phase Diff.    H.pr 0.033           V.pr 0.063

GPSQC1  NM  Min SVs      8            PDOP max  0.9
        Total GPS pos  7             HDOP max  0.4
        Monitor status Yes           VDOP max  0.8
        Horizontal SD  0.000          Vert SD   0.000
        Start wk 1067 sec 323247.0      End wk 1067   sec 323254.0

GPSVEC  TP  Point ID 2334      DX   6421.556        DY   2308.128
        Class Normal        DZ   6911.869        Code GRD
        Mthd Phase Diff.    H.pr 0.031           V.pr 0.056

GPSQC1  NM  Min SVs      9            PDOP max  0.8
        Total GPS pos  6             HDOP max  0.4
        Monitor status Yes           VDOP max  0.7
        Horizontal SD  0.000          Vert SD   0.000
        Start wk 1067 sec 323280.0      End wk 1067   sec 323286.0
```

GPSVEC TP Point ID 2335 DX 6414.234 DY 2316.024
Class Normal DZ 6918.911 Code GRD
Mthd Phase Diff. H.pr 0.035 V.pr 0.062

GPSQC1 NM Min SVs 9 PDOP max 0.8
Total GPS pos 6 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 323303.0 End wk 1067 sec 323308.0

GPSVEC TP Point ID 2336 DX 6409.581 DY 2322.363
Class Normal DZ 6922.688 Code GRD
Mthd Phase Diff. H.pr 0.031 V.pr 0.056

GPSQC1 NM Min SVs 9 PDOP max 0.7
Total GPS pos 10 HDOP max 0.4
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 323324.0 End wk 1067 sec 323333.0

GPSVEC TP Point ID 2337 DX 6403.391 DY 2328.074
Class Normal DZ 6928.522 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.044

GPSQC1 NM Min SVs 9 PDOP max 1.1
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1067 sec 323347.0 End wk 1067 sec 323350.0

INIT KI Init event High RMS Week 1067
Init type On the fly seconds 323402.0
Init counter 9 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Good RMS Week 1067
Init type On the fly seconds 323404.0
Init counter 9 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 2338 DX 6386.973 DY 2334.236
Class Normal DZ 6927.775 Code GRD
Mthd Phase Diff. H.pr 0.028 V.pr 0.050

```
GPSQC1  NM  Min SVs      9              PDOP max  0.8
        Total GPS pos  6              HDOP max  0.4
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1067 sec 323468.0       End wk 1067   sec 323476.0

GPSVEC  TP  Point ID 2339      DX   6382.492        DY   2338.938
        Class Normal        DZ   6930.953        Code GRD
        Mthd Phase Diff.    H.pr 0.035           V.pr 0.063

GPSQC1  NM  Min SVs      9              PDOP max  0.6
        Total GPS pos  13             HDOP max  0.3
        Monitor status Yes            VDOP max  0.6
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1067 sec 323488.0       End wk 1067   sec 323500.0

GPSVEC  TP  Point ID 2340      DX   6370.255        DY   2342.261
        Class Normal        DZ   6933.229        Code GRD
        Mthd Phase Diff.    H.pr 0.044           V.pr 0.098

GPSQC1  NM  Min SVs      7              PDOP max  0.9
        Total GPS pos  14             HDOP max  0.4
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1067 sec 323521.0       End wk 1067   sec 323538.0

INIT    KI  Init event    Lost            Week        1067
        Init type     On the fly        seconds     323572.0
        Init counter  9                 Point ID    <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

INIT    KI  Init event    Gained          Week        1067
        Init type     On the fly        seconds     323589.0
        Init counter  10                Point ID    <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

GPSVEC  TP  Point ID 2341      DX   6371.726        DY   2357.806
        Class Normal        DZ   6956.565        Code GRD
        Mthd Phase Diff.    H.pr 0.050           V.pr 0.064
```

```
GPSQC1  NM  Min SVs      6              PDOP max  0.9
        Total GPS pos  8              HDOP max  0.6
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1067 sec 323639.0       End wk 1067   sec 323647.0

GPSVEC  TP  Point ID 2342       DX   6361.563        DY   2367.919
        Class Normal        DZ   6965.749        Code GRD
        Mthd Phase Diff.    H.pr 0.040           V.pr 0.061

GPSQC1  NM  Min SVs      7              PDOP max  0.8
        Total GPS pos  12             HDOP max  0.4
        Monitor status Yes            VDOP max  0.6
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1067 sec 323681.0       End wk 1067   sec 323692.0

INIT    KI  Init event    Lost            Week        1067
        Init type     On the fly        seconds      323711.0
        Init counter  10               Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

NOTE    TS  Time Date 06/21/2000 Time 18:03:52

INIT    KI  Init event    Gained          Week        1067
        Init type     On the fly        seconds      324243.0
        Init counter  11               Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

INIT    KI  Init event    Lost            Week        1067
        Init type     On the fly        seconds      324313.0
        Init counter  11               Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

SURVEY  KI  Elev mask 10                 PDOP mask 6.0

EQUIP   BA  Receiver  4800               Serial no 20141803
        Antenna   4800 Internal
        Method    Reading from hook using 4800 tape
        Tape adj  0.000                Serial no <no text>
        Radius    0.358                V.Const   0.104

SURVEY EVENTKISurvey event Base survey started
```

NOTE TS Time Date 09/27/2000 Time 14:41:50

EQUIP BA Receiver 4800 Serial no 20141803
Antenna 4800 Internal
Method Reading from hook using 4800 tape
Tape adj 0.000 Serial no <no text>
Radius 0.358 V.Const 0.104

GPSANT KI Antenna ht 5.121 Measuremt Uncorrected

EQUIP BA Receiver 4800 Serial no 20141803
Antenna 4800 Internal
Method Reading from hook using 4800 tape
Tape adj 0.000 Serial no <no text>
Radius 0.358 V.Const 0.104

GPSANT KI Antenna ht 5.121 Measuremt Uncorrected

EQUIP BA Receiver 4800 Serial no 20141803
Antenna 4800 Internal
Method Reading from hook using 4800 tape
Tape adj 0.000 Serial no <no text>
Radius 0.358 V.Const 0.104

GPSANT KI Antenna ht 5.121 Measuremt Uncorrected

GPSREF KI Reference BAS2

EQUIP NM Receiver 4800 Serial no 20152374
Antenna 4800 Internal
Method Measured to bottom of antenna mount
Tape adj 0.000 Serial no <no text>
Radius 0.000 V.Const 0.511

SURVEY EVENTKISurvey event Rover survey started

NOTE TS Time Date 09/27/2000 Time 14:42:33

GPSANT KI Antenna ht 5.213 Measuremt True

GPSREF KI Reference BAS2

```
INIT   KI  Init event   Gained          Week        1081
        Init type    On the fly       seconds     312213.0
        Init counter  1              Point ID     <no text>
        Survey type   Real Time        Plate H. Dist <null>
        Plate V. Dist <null>          Plate azimuth <null>

INIT   KI  Init event   Lost            Week        1081
        Init type    On the fly       seconds     312263.0
        Init counter  1              Point ID     <no text>
        Survey type   Real Time        Plate H. Dist <null>
        Plate V. Dist <null>          Plate azimuth <null>

EQUIP  NM  Receiver  4800                Serial no 20152374
        Antenna   4800 Internal
        Method    Measured to bottom of antenna mount
        Tape adj  0.000               Serial no <no text>
        Radius    0.000               V.Const   0.511

GPSANT  KI  Antenna ht 5.906            Measuremt Uncorrected

SURVEY  KI  Elev mask 10               PDOP mask 6.0

NOTE   TS  Time Date 09/27/2000 Time 15:11:46

EQUIP  NM  Receiver  4800                Serial no 20152374
        Antenna   4800 Internal
        Method    Measured to bottom of antenna mount
        Tape adj  0.000               Serial no <no text>
        Radius    0.000               V.Const   0.511

SURVEY EVENTKISurvey event Rover survey started

NOTE   TS  Time Date 09/27/2000 Time 15:11:48

GPSANT  KI  Antenna ht 5.213            Measuremt True

GPSREF  KI  Reference BAS2

INIT   KI  Init event   Gained          Week        1081
        Init type    On the fly       seconds     314606.0
        Init counter  1              Point ID     <no text>
        Survey type   Real Time        Plate H. Dist <null>
        Plate V. Dist <null>          Plate azimuth <null>
```

EQUIP NM Receiver 4800 Serial no 20152374
Antenna 4800 Internal
Method Measured to bottom of antenna mount
Tape adj 0.000 Serial no <no text>
Radius 0.000 V.Const 0.511

GPSANT KI Antenna ht 5.906 Measuremt Uncorrected

INIT KI Init event Lost Week 1081
Init type On the fly seconds 315266.0
Init counter 1 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1081
Init type On the fly seconds 315594.0
Init counter 2 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

SURVEY EVENTKISurvey event Communications error

INIT KI Init event Gained Week 1081
Init type On the fly seconds 315661.0
Init counter 2 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

EQUIP NM Receiver 4800 Serial no 20152374
Antenna 4800 Internal
Method Measured to bottom of antenna mount
Tape adj 0.000 Serial no <no text>
Radius 0.000 V.Const 0.511

EQUIP NM Receiver 4800 Serial no 20152374
Antenna 4800 Internal
Method Measured to bottom of antenna mount
Tape adj 0.000 Serial no <no text>
Radius 0.000 V.Const 0.511

EQUIP NM Receiver 4800 Serial no 20152374
Antenna 4800 Internal
Method Measured to bottom of antenna mount
Tape adj 0.000 Serial no <no text>
Radius 0.000 V.Const 0.511

```
NOTE  TS  Time Date 09/27/2000 Time 15:42:07

GPSANT  KI  Antenna ht 5.614            Measuremt Uncorrected

GPSANT  KI  Antenna ht 5.810            Measuremt Uncorrected

GPSANT  KI  Antenna ht 5.810            Measuremt Uncorrected

EQUIP   NM  Receiver  4800             Serial no 20152374
        Antenna   4800 Internal
        Method    Measured to bottom of antenna mount
        Tape adj  0.000             Serial no <no text>
        Radius    0.000             V.Const  0.511

EQUIP   NM  Receiver  4800             Serial no 20152374
        Antenna   4800 Internal
        Method    Measured to bottom of antenna mount
        Tape adj  0.000             Serial no <no text>
        Radius    0.000             V.Const  0.511

GPSANT  KI  Antenna ht 5.614            Measuremt Uncorrected

GPSANT  KI  Antenna ht 5.810            Measuremt Uncorrected

GPSVEC  TP  Point ID 220       DX  7209.175       DY  2421.314
        Class Normal       DZ  7537.249       Code SG 85+00E NR
        Mthd Phase Diff.   H.pr 0.037         V.pr 0.052

GPSQC1  NM  Min SVs      7            PDOP max  0.7
        Total GPS pos  9            HDOP max  0.4
        Monitor status Yes          VDOP max  0.6
        Horizontal SD  0.000        Vert SD   0.000
        Start wk 1081 sec 315744.0      End wk 1081   sec 315753.0

INIT    KI  Init event    Lost          Week        1081
        Init type    On the fly       seconds     315760.0
        Init counter  2               Point ID     <no text>
        Survey type   Real Time        Plate H. Dist <null>
        Plate V. Dist <null>          Plate azimuth <null>

INIT    KI  Init event    Gained        Week        1081
        Init type    On the fly       seconds     315796.0
        Init counter  3               Point ID     <no text>
        Survey type   Real Time        Plate H. Dist <null>
        Plate V. Dist <null>          Plate azimuth <null>
```

GPSVEC TP Point ID 221 DX 7209.156 DY 2421.328
Class Normal DZ 7537.244 Code SG 85+00E NR
Mthd Phase Diff. H.pr 0.031 V.pr 0.044

GPSQC1 NM Min SVs 7 PDOP max 0.7
Total GPS pos 8 HDOP max 0.4
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 315810.0 End wk 1081 sec 315817.0

INIT KI Init event Lost Week 1081
Init type On the fly seconds 315868.0
Init counter 3 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1081
Init type On the fly seconds 316386.0
Init counter 4 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 222 DX 8000.082 DY 2669.606
Class Del normal DZ 8342.450 Code SG 95+00E NR
Mthd Phase Diff. H.pr 0.022 V.pr 0.030

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 316396.0 End wk 1081 sec 316399.0

NOTE TS Item deleted Date 09/27/2000 Time 16:31:52

INIT KI Init event Lost Week 1081
Init type On the fly seconds 316408.0
Init counter 4 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

NOTE TS Time Date 09/27/2000 Time 16:23:46

SURVEY EVENTKISurvey event Communications error

```
INIT   KI  Init event    Lost            Week        1081
        Init type     On the fly       seconds      318241.0
        Init counter  4               Point ID     <no text>
        Survey type   Real Time         Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

INIT   KI  Init event    Gained          Week        1081
        Init type     On the fly       seconds      318285.0
        Init counter  5               Point ID     <no text>
        Survey type   Real Time         Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

INIT   KI  Init event    Lost            Week        1081
        Init type     On the fly       seconds      319068.0
        Init counter  5               Point ID     <no text>
        Survey type   Real Time         Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

INIT   KI  Init event    Gained          Week        1081
        Init type     On the fly       seconds      319613.0
        Init counter  6               Point ID     <no text>
        Survey type   Real Time         Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

GPSVEC  TP  Point ID 2343      DX  6328.944        DY  2388.744
        Class Normal        DZ  6976.164        Code GRD
        Mthd Phase Diff.    H.pr 0.047          V.pr 0.069

GPSQC1  NM  Min SVs      5              PDOP max  1.3
        Total GPS pos  20             HDOP max  0.7
        Monitor status Yes            VDOP max  1.1
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1081 sec 319629.0       End wk 1081   sec 319648.0

GPSVEC  TP  Point ID 2344      DX  6326.551        DY  2395.057
        Class Normal        DZ  6979.773        Code GRD
        Mthd Phase Diff.    H.pr 0.049          V.pr 0.064

GPSQC1  NM  Min SVs      6              PDOP max  0.9
        Total GPS pos  22             HDOP max  0.6
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1081 sec 319657.0       End wk 1081   sec 319684.0
```

GPSVEC TP Point ID 2345 DX 6325.176 DY 2397.337
Class Normal DZ 6982.110 Code GRD
Mthd Phase Diff. H.pr 0.038 V.pr 0.048

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 319703.0 End wk 1081 sec 319709.0

GPSVEC TP Point ID 2346 DX 6328.673 DY 2407.933
Class Normal DZ 6993.583 Code GRD
Mthd Phase Diff. H.pr 0.038 V.pr 0.049

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 5 HDOP max 0.7
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 319732.0 End wk 1081 sec 319736.0

GPSVEC TP Point ID 2347 DX 6319.809 DY 2417.381
Class Normal DZ 7001.276 Code GRD
Mthd Phase Diff. H.pr 0.044 V.pr 0.057

GPSQC1 NM Min SVs 7 PDOP max 1.2
Total GPS pos 4 HDOP max 0.7
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 319758.0 End wk 1081 sec 319761.0

GPSVEC TP Point ID 2348 DX 6310.863 DY 2427.391
Class Normal DZ 7009.036 Code GRD
Mthd Phase Diff. H.pr 0.047 V.pr 0.071

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 13 HDOP max 0.6
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 319798.0 End wk 1081 sec 319810.0

INIT KI Init event Lost Week 1081
Init type On the fly seconds 319827.0
Init counter 6 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

```
INIT   KI  Init event   Gained          Week        1081
        Init type    On the fly       seconds     319876.0
        Init counter  7               Point ID     <no text>
        Survey type   Real Time        Plate H. Dist <null>
        Plate V. Dist <null>          Plate azimuth <null>

GPSVEC  TP  Point ID 2349      DX  6303.130       DY  2434.486
        Class Normal       DZ  7016.714       Code GRD
        Mthd Phase Diff.    H.pr 0.044         V.pr 0.059

GPSQC1  NM  Min SVs      7              PDOP max  0.7
        Total GPS pos  14             HDOP max  0.4
        Monitor status Yes            VDOP max  0.5
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1081 sec 319912.0      End wk 1081   sec 319926.0

GPSVEC  TP  Point ID 2350      DX  6291.075       DY  2442.663
        Class Normal       DZ  7020.666       Code GRD
        Mthd Phase Diff.    H.pr 0.049         V.pr 0.065

GPSQC1  NM  Min SVs      7              PDOP max  0.9
        Total GPS pos  9              HDOP max  0.5
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1081 sec 319950.0      End wk 1081   sec 319958.0

NOTE   TS  Time Date 09/27/2000 Time 16:55:58

GPSVEC  TP  Point ID 222       DX  6077.852       DY  2510.812
        Class Normal       DZ  7008.884       Code SG 75+00W NR
        Mthd Phase Diff.    H.pr 0.040         V.pr 0.063

GPSQC1  NM  Min SVs      6              PDOP max  1.0
        Total GPS pos  13             HDOP max  0.5
        Monitor status Yes            VDOP max  0.9
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1081 sec 320156.0      End wk 1081   sec 320169.0

INIT   KI  Init event   Lost            Week        1081
        Init type    On the fly       seconds     320176.0
        Init counter  7               Point ID     <no text>
        Survey type   Real Time        Plate H. Dist <null>
        Plate V. Dist <null>          Plate azimuth <null>
```

```
INIT   KI  Init event   Gained          Week        1081
       Init type    On the fly        seconds     320206.0
       Init counter  8               Point ID     <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>

GPSVEC  TP  Point ID 223       DX  6077.816        DY  2510.867
       Class Normal        DZ  7008.973        Code SG 75+00W NR
       Mthd Phase Diff.    H.pr 0.034          V.pr 0.055

GPSQC1  NM  Min SVs       6              PDOP max  1.3
       Total GPS pos  9              HDOP max  0.7
       Monitor status Yes            VDOP max  1.1
       Horizontal SD  0.000           Vert SD   0.000
       Start wk 1081 sec 320239.0       End wk 1081   sec 320247.0

NOTE   KI  LINE. Name: 17, Code: , Method: Two points, Start pt: 222,

NOTE   KI  End pt: 164, Azimuth: 308.721°, Length: 16.042ft,

NOTE   KI  Grade: 38.371°

GPSVEC  TP  Point ID 2351      DX  6081.861        DY  2511.222
       Class Normal        DZ  7004.317        Code TOE LEVEE
       Mthd Phase Diff.    H.pr 0.023          V.pr 0.031

GPSQC1  NM  Min SVs       5              PDOP max  1.5
       Total GPS pos  7              HDOP max  0.9
       Monitor status Yes            VDOP max  1.2
       Horizontal SD  0.000           Vert SD   0.000
       Start wk 1081 sec 320333.0       End wk 1081   sec 320339.0

GPSVEC  TP  Point ID 2352      DX  6094.731        DY  2498.075
       Class Normal        DZ  6993.786        Code GRD
       Mthd Phase Diff.    H.pr 0.029          V.pr 0.043

GPSQC1  NM  Min SVs       7              PDOP max  1.3
       Total GPS pos  5              HDOP max  0.7
       Monitor status Yes            VDOP max  1.0
       Horizontal SD  0.000           Vert SD   0.000
       Start wk 1081 sec 320366.0       End wk 1081   sec 320370.0

GPSVEC  TP  Point ID 2353      DX  6099.954        DY  2486.115
       Class Normal        DZ  6991.695        Code GRD
       Mthd Phase Diff.    H.pr 0.040          V.pr 0.060
```

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 8 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 320520.0 End wk 1081 sec 320527.0

GPSVEC TP Point ID 2354 DX 6124.400 DY 2463.829
Class Normal DZ 6968.944 Code GRD
Mthd Phase Diff. H.pr 0.047 V.pr 0.065

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 10 HDOP max 0.7
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 320670.0 End wk 1081 sec 320680.0

SURVEY EVENTKISurvey event Communications error

INIT KI Init event Gained Week 1081
Init type On the fly seconds 320766.0
Init counter 8 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 2355 DX 6120.072 DY 2470.843
Class Normal DZ 6972.253 Code GRD
Mthd Phase Diff. H.pr 0.040 V.pr 0.064

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 11 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 320776.0 End wk 1081 sec 320788.0

GPSVEC TP Point ID 2356 DX 6139.314 DY 2448.707
Class Normal DZ 6954.431 Code GRD
Mthd Phase Diff. H.pr 0.029 V.pr 0.046

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 11 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 320815.0 End wk 1081 sec 320825.0

GPSVEC TP Point ID 2357 DX 6153.335 DY 2439.693
Class Normal DZ 6948.558 Code GRD
Mthd Phase Diff. H.pr 0.034 V.pr 0.054

GPSQC1 NM Min SVs 6 PDOP max 1.6
Total GPS pos 4 HDOP max 0.9
Monitor status Yes VDOP max 1.4
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 320902.0 End wk 1081 sec 320905.0

GPSVEC TP Point ID 2358 DX 6160.959 DY 2440.895
Class Normal DZ 6947.109 Code GRD
Mthd Phase Diff. H.pr 0.033 V.pr 0.058

GPSQC1 NM Min SVs 5 PDOP max 2.2
Total GPS pos 10 HDOP max 1.1
Monitor status Yes VDOP max 1.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 320931.0 End wk 1081 sec 320940.0

GPSVEC TP Point ID 2359 DX 6165.618 DY 2440.454
Class Normal DZ 6948.817 Code GRD
Mthd Phase Diff. H.pr 0.036 V.pr 0.059

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 14 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 321021.0 End wk 1081 sec 321034.0

GPSVEC TP Point ID 2360 DX 6199.110 DY 2391.556
Class Normal DZ 6901.229 Code GRD
Mthd Phase Diff. H.pr 0.034 V.pr 0.058

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 16 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 321152.0 End wk 1081 sec 321167.0

GPSVEC TP Point ID 2361 DX 6194.906 DY 2397.140
Class Normal DZ 6908.351 Code GRD
Mthd Phase Diff. H.pr 0.046 V.pr 0.080

GPSQC1 NM Min SVs 6 PDOP max 1.5
Total GPS pos 7 HDOP max 0.7
Monitor status Yes VDOP max 1.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 321199.0 End wk 1081 sec 321205.0

GPSVEC TP Point ID 2362 DX 6191.282 DY 2399.026
Class Normal DZ 6911.809 Code GRD
Mthd Phase Diff. H.pr 0.048 V.pr 0.082

GPSQC1 NM Min SVs 7 PDOP max 1.4
Total GPS pos 7 HDOP max 0.7
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 321229.0 End wk 1081 sec 321235.0

SURVEY EVENTKISurvey event Communications error

INIT KI Init event Gained Week 1081
Init type On the fly seconds 321318.0
Init counter 8 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 2363 DX 6181.949 DY 2410.056
Class Normal DZ 6919.054 Code GRD
Mthd Phase Diff. H.pr 0.032 V.pr 0.050

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 14 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 321359.0 End wk 1081 sec 321372.0

GPSVEC TP Point ID 2364 DX 6164.811 DY 2416.185
Class Normal DZ 6922.024 Code GRD
Mthd Phase Diff. H.pr 0.042 V.pr 0.065

GPSQC1 NM Min SVs 6 PDOP max 1.6
Total GPS pos 8 HDOP max 0.8
Monitor status Yes VDOP max 1.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 321397.0 End wk 1081 sec 321404.0

GPSVEC TP Point ID 2365 DX 6158.654 DY 2422.232
Class Normal DZ 6926.107 Code GRD
Mthd Phase Diff. H.pr 0.066 V.pr 0.114

GPSQC1 NM Min SVs 6 PDOP max 0.9
Total GPS pos 19 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 321422.0 End wk 1081 sec 321441.0

GPSVEC TP Point ID 2366 DX 6144.568 DY 2430.847
Class Normal DZ 6929.588 Code GRD
Mthd Phase Diff. H.pr 0.050 V.pr 0.079

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 15 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 321469.0 End wk 1081 sec 321483.0

GPSVEC TP Point ID 2367 DX 6208.836 DY 2379.960
Class Normal DZ 6892.351 Code GRD
Mthd Phase Diff. H.pr 0.051 V.pr 0.091

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 14 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 321565.0 End wk 1081 sec 321578.0

GPSVEC TP Point ID 2368 DX 6222.775 DY 2371.624
Class Normal DZ 6887.115 Code GRD
Mthd Phase Diff. H.pr 0.035 V.pr 0.067

GPSQC1 NM Min SVs 6 PDOP max 1.5
Total GPS pos 9 HDOP max 0.7
Monitor status Yes VDOP max 1.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 321606.0 End wk 1081 sec 321614.0

GPSVEC TP Point ID 2369 DX 6233.639 DY 2358.053
Class Normal DZ 6874.371 Code GRD
Mthd Phase Diff. H.pr 0.046 V.pr 0.084

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 23 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 321639.0 End wk 1081 sec 321662.0

GPSVEC TP Point ID 2370 DX 6237.788 DY 2352.526
Class Normal DZ 6869.213 Code GRD
Mthd Phase Diff. H.pr 0.040 V.pr 0.070

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 25 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 321675.0 End wk 1081 sec 321702.0

GPSVEC TP Point ID 2371 DX 6241.769 DY 2348.225
Class Normal DZ 6863.374 Code GRD
Mthd Phase Diff. H.pr 0.045 V.pr 0.082

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 16 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 321724.0 End wk 1081 sec 321741.0

GPSVEC TP Point ID 2372 DX 6247.825 DY 2340.799
Class Normal DZ 6857.335 Code GRD
Mthd Phase Diff. H.pr 0.047 V.pr 0.086

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 28 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 321768.0 End wk 1081 sec 321795.0

GPSVEC TP Point ID 2373 DX 6257.859 DY 2332.327
Class Normal DZ 6851.087 Code GRD
Mthd Phase Diff. H.pr 0.033 V.pr 0.065

GPSQC1 NM Min SVs 6 PDOP max 1.6
Total GPS pos 9 HDOP max 0.7
Monitor status Yes VDOP max 1.4
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 321816.0 End wk 1081 sec 321824.0

```
INIT   KI  Init event   Lost(RMS)        Week        1081
        Init type    On the fly        seconds     321876.0
        Init counter  8               Point ID     <no text>
        Survey type   Real Time         Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

NOTE   TS  Time Date 09/27/2000 Time 17:38:34

INIT   KI  Init event   Gained          Week        1081
        Init type    On the fly        seconds     322726.0
        Init counter  9               Point ID     <no text>
        Survey type   Real Time         Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

NOTE   KI  LINE. Name: 18, Code: , Method: Two points, Start pt: 220,

NOTE   KI  End pt: 158, Azimuth: 128.448°, Length: 14.674ft,

NOTE   KI  Grade: 37.381°

GPSVEC  TP  Point ID 2374      DX   7207.462        DY   2427.047
        Class Normal        DZ   7536.187        Code TOE LEVEE
        Mthd Phase Diff.    H.pr 0.038           V.pr 0.090

GPSQC1  NM  Min SVs      6              PDOP max  0.9
        Total GPS pos  26             HDOP max  0.4
        Monitor status Yes            VDOP max  0.9
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1081 sec 323275.0       End wk 1081   sec 323300.0

GPSVEC  TP  Point ID 2375      DX   7202.482        DY   2433.810
        Class Normal        DZ   7541.347        Code GRD
        Mthd Phase Diff.    H.pr 0.032           V.pr 0.079

GPSQC1  NM  Min SVs      5              PDOP max  0.9
        Total GPS pos  27             HDOP max  0.3
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1081 sec 323362.0       End wk 1081   sec 323390.0

GPSVEC  TP  Point ID 2376      DX   7190.302        DY   2445.639
        Class Normal        DZ   7552.137        Code GRD
        Mthd Phase Diff.    H.pr 0.014           V.pr 0.089
```

GPSQC1 NM Min SVs 5 PDOP max 3.8
Total GPS pos 26 HDOP max 0.6
Monitor status Yes VDOP max 3.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 323431.0 End wk 1081 sec 323457.0

GPSVEC TP Point ID 2377 DX 7176.316 DY 2459.572
Class Normal DZ 7564.886 Code GRD
Mthd Phase Diff. H.pr 0.013 V.pr 0.084

GPSQC1 NM Min SVs 5 PDOP max 4.2
Total GPS pos 20 HDOP max 0.6
Monitor status Yes VDOP max 4.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 323486.0 End wk 1081 sec 323507.0

GPSVEC TP Point ID 2378 DX 7163.250 DY 2472.843
Class Normal DZ 7575.713 Code GRD
Mthd Phase Diff. H.pr 0.007 V.pr 0.043

GPSQC1 NM Min SVs 5 PDOP max 3.8
Total GPS pos 25 HDOP max 0.6
Monitor status Yes VDOP max 3.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 323528.0 End wk 1081 sec 323552.0

GPSVEC TP Point ID 2379 DX 7151.776 DY 2485.423
Class Normal DZ 7585.748 Code GRD
Mthd Phase Diff. H.pr 0.009 V.pr 0.061

GPSQC1 NM Min SVs 5 PDOP max 3.4
Total GPS pos 29 HDOP max 0.5
Monitor status Yes VDOP max 3.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 323573.0 End wk 1081 sec 323602.0

GPSVEC TP Point ID 2380 DX 7141.497 DY 2495.196
Class Normal DZ 7594.420 Code GRD
Mthd Phase Diff. H.pr 0.012 V.pr 0.083

GPSQC1 NM Min SVs 5 PDOP max 4.4
Total GPS pos 14 HDOP max 0.6
Monitor status Yes VDOP max 4.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 323666.0 End wk 1081 sec 323679.0

GPSVEC TP Point ID 2381 DX 7135.734 DY 2501.934
Class Normal DZ 7599.331 Code GRD
Mthd Phase Diff. H.pr 0.012 V.pr 0.088

GPSQC1 NM Min SVs 5 PDOP max 2.9
Total GPS pos 29 HDOP max 0.4
Monitor status Yes VDOP max 2.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 323698.0 End wk 1081 sec 323727.0

SURVEY EVENTKISurvey event Communications error

INIT KI Init event Gained Week 1081
Init type On the fly seconds 323730.0
Init counter 9 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 2382 DX 7125.689 DY 2512.147
Class Normal DZ 7608.230 Code GRD
Mthd Phase Diff. H.pr 0.010 V.pr 0.071

GPSQC1 NM Min SVs 5 PDOP max 4.2
Total GPS pos 11 HDOP max 0.6
Monitor status Yes VDOP max 4.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 323758.0 End wk 1081 sec 323768.0

GPSVEC TP Point ID 2383 DX 7114.255 DY 2523.735
Class Normal DZ 7618.322 Code GRD
Mthd Phase Diff. H.pr 0.010 V.pr 0.069

GPSQC1 NM Min SVs 5 PDOP max 2.5
Total GPS pos 31 HDOP max 0.3
Monitor status Yes VDOP max 2.5
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 323789.0 End wk 1081 sec 323820.0

GPSVEC TP Point ID 2384 DX 7101.627 DY 2536.629
Class Normal DZ 7629.325 Code GRD
Mthd Phase Diff. H.pr 0.008 V.pr 0.060

GPSQC1 NM Min SVs 5 PDOP max 3.1
Total GPS pos 18 HDOP max 0.4
Monitor status Yes VDOP max 3.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 323843.0 End wk 1081 sec 323860.0

GPSVEC TP Point ID 2385 DX 7091.017 DY 2548.028
Class Normal DZ 7638.661 Code GRD
Mthd Phase Diff. H.pr 0.008 V.pr 0.055

GPSQC1 NM Min SVs 5 PDOP max 3.5
Total GPS pos 12 HDOP max 0.5
Monitor status Yes VDOP max 3.5
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 323883.0 End wk 1081 sec 323894.0

GPSVEC TP Point ID 2386 DX 7079.133 DY 2559.877
Class Normal DZ 7648.943 Code GRD
Mthd Phase Diff. H.pr 0.008 V.pr 0.056

GPSQC1 NM Min SVs 5 PDOP max 2.1
Total GPS pos 30 HDOP max 0.3
Monitor status Yes VDOP max 2.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 323910.0 End wk 1081 sec 323940.0

GPSVEC TP Point ID 2387 DX 7065.949 DY 2572.965
Class Normal DZ 7659.817 Code GRD
Mthd Phase Diff. H.pr 0.010 V.pr 0.071

GPSQC1 NM Min SVs 5 PDOP max 2.0
Total GPS pos 27 HDOP max 0.3
Monitor status Yes VDOP max 2.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 323965.0 End wk 1081 sec 323995.0

GPSVEC TP Point ID 2388 DX 7053.887 DY 2587.146
Class Normal DZ 7673.327 Code GRD
Mthd Phase Diff. H.pr 0.010 V.pr 0.064

GPSQC1 NM Min SVs 5 PDOP max 2.2
Total GPS pos 22 HDOP max 0.3
Monitor status Yes VDOP max 2.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 324030.0 End wk 1081 sec 324051.0

GPSVEC TP Point ID 2389 DX 7045.428 DY 2595.834
Class Normal DZ 7677.381 Code GRD
Mthd Phase Diff. H.pr 0.010 V.pr 0.066

GPSQC1 NM Min SVs 5 PDOP max 2.1
Total GPS pos 16 HDOP max 0.3
Monitor status Yes VDOP max 2.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 324076.0 End wk 1081 sec 324096.0

GPSVEC TP Point ID 2390 DX 7042.227 DY 2599.531
Class Normal DZ 7679.619 Code GRD
Mthd Phase Diff. H.pr 0.010 V.pr 0.063

GPSQC1 NM Min SVs 5 PDOP max 2.8
Total GPS pos 11 HDOP max 0.4
Monitor status Yes VDOP max 2.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 324112.0 End wk 1081 sec 324122.0

GPSVEC TP Point ID 2391 DX 7031.679 DY 2611.108
Class Normal DZ 7689.265 Code GRD
Mthd Phase Diff. H.pr 0.012 V.pr 0.078

GPSQC1 NM Min SVs 5 PDOP max 2.8
Total GPS pos 10 HDOP max 0.4
Monitor status Yes VDOP max 2.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 324147.0 End wk 1081 sec 324156.0

GPSVEC TP Point ID 224 DX 6814.146 DY 2676.719
Class Normal DZ 7669.888 Code SG 85+00W NR
Mthd Phase Diff. H.pr 0.009 V.pr 0.053

GPSQC1 NM Min SVs 5 PDOP max 2.5
Total GPS pos 9 HDOP max 0.4
Monitor status Yes VDOP max 2.5
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 324302.0 End wk 1081 sec 324310.0

INIT KI Init event Lost(RMS) Week 1081
Init type On the fly seconds 324315.0
Init counter 9 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

```
INIT   KI  Init event   Gained          Week        1081
       Init type    On the fly        seconds     324379.0
       Init counter  10               Point ID    <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>           Plate azimuth <null>

GPSVEC  TP  Point ID 225       DX  6814.156        DY  2676.798
       Class Normal        DZ  7669.921        Code SG 85+00W NR
       Mthd Phase Diff.    H.pr 0.010          V.pr 0.050

GPSQC1  NM  Min SVs       5              PDOP max  3.0
       Total GPS pos  5              HDOP max  0.6
       Monitor status Yes            VDOP max  2.9
       Horizontal SD  0.000           Vert SD   0.000
       Start wk 1081 sec 324405.0       End wk 1081   sec 324409.0

NOTE   KI  LINE. Name: 19, Code: , Method: Two points, Start pt: 224,

NOTE   KI  End pt: 166, Azimuth: 308.721°, Length: 14.064ft,

NOTE   KI  Grade: 35.095°

GPSVEC  TP  Point ID 2392      DX  6816.795        DY  2678.006
       Class Normal        DZ  7666.611        Code TOE LEVEE
       Mthd Phase Diff.    H.pr 0.010          V.pr 0.051

GPSQC1  NM  Min SVs       5              PDOP max  2.8
       Total GPS pos  5              HDOP max  0.6
       Monitor status Yes            VDOP max  2.7
       Horizontal SD  0.000           Vert SD   0.000
       Start wk 1081 sec 324496.0       End wk 1081   sec 324500.0

GPSVEC  TP  Point ID 2393      DX  6820.756        DY  2675.168
       Class Normal        DZ  7662.773        Code GRD
       Mthd Phase Diff.    H.pr 0.012          V.pr 0.056

GPSQC1  NM  Min SVs       5              PDOP max  3.3
       Total GPS pos  3              HDOP max  0.7
       Monitor status Yes            VDOP max  3.3
       Horizontal SD  0.000           Vert SD   0.000
       Start wk 1081 sec 324514.0       End wk 1081   sec 324516.0

NOTE   TS  Time Date 09/27/2000 Time 18:08:45
```

GPSVEC TP Point ID 2394 DX 6833.741 DY 2663.086
Class Normal DZ 7651.575 Code GRD
Mthd Phase Diff. H.pr 0.011 V.pr 0.054

GPSQC1 NM Min SVs 5 PDOP max 2.9
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 2.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 324533.0 End wk 1081 sec 324536.0

GPSVEC TP Point ID 2395 DX 6839.803 DY 2658.273
Class Normal DZ 7645.475 Code GRD
Mthd Phase Diff. H.pr 0.013 V.pr 0.061

GPSQC1 NM Min SVs 5 PDOP max 2.3
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 2.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 324547.0 End wk 1081 sec 324553.0

GPSVEC TP Point ID 2396 DX 6847.680 DY 2650.247
Class Normal DZ 7639.010 Code GRD
Mthd Phase Diff. H.pr 0.009 V.pr 0.042

GPSQC1 NM Min SVs 5 PDOP max 2.0
Total GPS pos 9 HDOP max 0.4
Monitor status Yes VDOP max 2.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 324566.0 End wk 1081 sec 324574.0

GPSVEC TP Point ID 2397 DX 6854.356 DY 2643.756
Class Normal DZ 7633.045 Code GRD
Mthd Phase Diff. H.pr 0.011 V.pr 0.052

GPSQC1 NM Min SVs 5 PDOP max 2.6
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 2.5
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 324589.0 End wk 1081 sec 324593.0

GPSVEC TP Point ID 2398 DX 6863.090 DY 2634.735
Class Normal DZ 7624.671 Code GRD
Mthd Phase Diff. H.pr 0.011 V.pr 0.049

GPSQC1 NM Min SVs 5 PDOP max 2.0
Total GPS pos 9 HDOP max 0.4
Monitor status Yes VDOP max 1.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 324607.0 End wk 1081 sec 324615.0

GPSVEC TP Point ID 2399 DX 6869.506 DY 2625.844
Class Normal DZ 7619.898 Code GRD
Mthd Phase Diff. H.pr 0.015 V.pr 0.066

GPSQC1 NM Min SVs 5 PDOP max 2.2
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 2.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 324632.0 End wk 1081 sec 324637.0

GPSVEC TP Point ID 2400 DX 6883.195 DY 2611.606
Class Normal DZ 7607.426 Code GRD
Mthd Phase Diff. H.pr 0.020 V.pr 0.087

GPSQC1 NM Min SVs 5 PDOP max 1.4
Total GPS pos 16 HDOP max 0.3
Monitor status Yes VDOP max 1.4
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 324660.0 End wk 1081 sec 324675.0

GPSVEC TP Point ID 2401 DX 6893.290 DY 2601.017
Class Normal DZ 7598.782 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.092

GPSQC1 NM Min SVs 5 PDOP max 2.2
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 2.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 324694.0 End wk 1081 sec 324699.0

GPSVEC TP Point ID 2402 DX 6906.544 DY 2587.261
Class Normal DZ 7587.922 Code GRD
Mthd Phase Diff. H.pr 0.014 V.pr 0.060

GPSQC1 NM Min SVs 5 PDOP max 2.4
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 2.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 324718.0 End wk 1081 sec 324722.0

GPSVEC TP Point ID 2403 DX 6919.785 DY 2573.772
Class Normal DZ 7575.548 Code GRD
Mthd Phase Diff. H.pr 0.013 V.pr 0.052

GPSQC1 NM Min SVs 5 PDOP max 2.3
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 2.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 324743.0 End wk 1081 sec 324747.0

SURVEY EVENTKISurvey event Communications error

INIT KI Init event Gained Week 1081
Init type On the fly seconds 324761.0
Init counter 10 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 2404 DX 6930.321 DY 2562.783
Class Normal DZ 7566.634 Code GRD
Mthd Phase Diff. H.pr 0.014 V.pr 0.055

GPSQC1 NM Min SVs 5 PDOP max 1.8
Total GPS pos 9 HDOP max 0.4
Monitor status Yes VDOP max 1.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 324768.0 End wk 1081 sec 324776.0

GPSVEC TP Point ID 2405 DX 6943.324 DY 2549.730
Class Normal DZ 7555.552 Code GRD
Mthd Phase Diff. H.pr 0.015 V.pr 0.058

GPSQC1 NM Min SVs 5 PDOP max 2.5
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 2.4
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 324796.0 End wk 1081 sec 324799.0

GPSVEC TP Point ID 2406 DX 6956.952 DY 2535.404
Class Normal DZ 7543.176 Code GRD
Mthd Phase Diff. H.pr 0.016 V.pr 0.062

GPSQC1 NM Min SVs 5 PDOP max 2.2
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 2.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 324824.0 End wk 1081 sec 324828.0

GPSVEC TP Point ID 2407 DX 6962.390 DY 2529.350
Class Normal DZ 7538.626 Code GRD
Mthd Phase Diff. H.pr 0.012 V.pr 0.045

GPSQC1 NM Min SVs 5 PDOP max 2.4
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 2.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 324845.0 End wk 1081 sec 324848.0

GPSVEC TP Point ID 2408 DX 6972.981 DY 2517.867
Class Normal DZ 7528.940 Code GRD
Mthd Phase Diff. H.pr 0.014 V.pr 0.052

GPSQC1 NM Min SVs 5 PDOP max 1.5
Total GPS pos 11 HDOP max 0.4
Monitor status Yes VDOP max 1.5
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 324865.0 End wk 1081 sec 324875.0

GPSVEC TP Point ID 2409 DX 6987.125 DY 2503.091
Class Normal DZ 7516.412 Code GRD
Mthd Phase Diff. H.pr 0.014 V.pr 0.054

GPSQC1 NM Min SVs 5 PDOP max 1.8
Total GPS pos 7 HDOP max 0.5
Monitor status Yes VDOP max 1.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 324905.0 End wk 1081 sec 324911.0

GPSVEC TP Point ID 2410 DX 6996.539 DY 2494.076
Class Normal DZ 7508.872 Code GRD
Mthd Phase Diff. H.pr 0.016 V.pr 0.057

GPSQC1 NM Min SVs 5 PDOP max 2.3
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 2.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 324932.0 End wk 1081 sec 324935.0

```
INIT   KI  Init event   Lost            Week        1081
        Init type    On the fly       seconds      324943.0
        Init counter  10              Point ID     <no text>
        Survey type   Real Time         Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

INIT   KI  Init event   Gained          Week        1081
        Init type    On the fly       seconds      325739.0
        Init counter  11              Point ID     <no text>
        Survey type   Real Time         Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

INIT   KI  Init event   Lost            Week        1081
        Init type    On the fly       seconds      326222.0
        Init counter  11              Point ID     <no text>
        Survey type   Real Time         Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>

SURVEY EVENTKISurvey event Error while setting receiver mode

SURVEY  KI  Elev mask 10                PDOP mask 6.0

EQUIP   NM  Receiver  4800              Serial no 20152374
        Antenna   4800 Internal
        Method    Measured to bottom of antenna mount
        Tape adj  0.000              Serial no <no text>
        Radius    0.000              V.Const   0.511

SURVEY EVENTKISurvey event Rover survey started

NOTE    TS  Time Date 09/27/2000 Time 18:38:09

GPSANT  KI  Antenna ht 5.213            Measuremt True

GPSREF  KI  Reference BAS2

INIT   KI  Init event   Gained          Week        1081
        Init type    On the fly       seconds      326304.0
        Init counter  1               Point ID     <no text>
        Survey type   Real Time         Plate H. Dist <null>
        Plate V. Dist <null>           Plate azimuth <null>
```

EQUIP NM Receiver 4800 Serial no 20152374
Antenna 4800 Internal
Method Measured to bottom of antenna mount
Tape adj 0.000 Serial no <no text>
Radius 0.000 V.Const 0.511

GPSANT KI Antenna ht 5.810 Measuremt Uncorrected

EQUIP NM Receiver 4800 Serial no 20152374
Antenna 4800 Internal
Method Measured to bottom of antenna mount
Tape adj 0.000 Serial no <no text>
Radius 0.000 V.Const 0.511

EQUIP NM Receiver 4800 Serial no 20152374
Antenna 4800 Internal
Method Measured to bottom of antenna mount
Tape adj 0.000 Serial no <no text>
Radius 0.000 V.Const 0.511

GPSANT KI Antenna ht 5.614 Measuremt Uncorrected

GPSANT KI Antenna ht 5.810 Measuremt Uncorrected

EQUIP NM Receiver 4800 Serial no 20152374
Antenna 4800 Internal
Method Measured to bottom of antenna mount
Tape adj 0.000 Serial no <no text>
Radius 0.000 V.Const 0.511

GPSANT KI Antenna ht 5.810 Measuremt Uncorrected

EQUIP NM Receiver 4800 Serial no 20152374
Antenna 4800 Internal
Method Measured to bottom of antenna mount
Tape adj 0.000 Serial no <no text>
Radius 0.000 V.Const 0.511

EQUIP NM Receiver 4800 Serial no 20152374
Antenna 4800 Internal
Method Measured to bottom of antenna mount
Tape adj 0.000 Serial no <no text>
Radius 0.000 V.Const 0.511

GPSANT KI Antenna ht 5.614 Measuremt Uncorrected

GPSANT KI Antenna ht 5.810 Measuremt Uncorrected

EQUIP NM Receiver 4800 Serial no 20152374
Antenna 4800 Internal
Method Measured to bottom of antenna mount
Tape adj 0.000 Serial no <no text>
Radius 0.000 V.Const 0.511

EQUIP NM Receiver 4800 Serial no 20152374
Antenna 4800 Internal
Method Measured to bottom of antenna mount
Tape adj 0.000 Serial no <no text>
Radius 0.000 V.Const 0.511

NOTE TS Time Date 09/27/2000 Time 18:40:27

GPSANT KI Antenna ht 5.614 Measuremt Uncorrected

GPSANT KI Antenna ht 5.810 Measuremt Uncorrected

GPSVEC TP Point ID 2411 DX 8221.094 DY 3131.532
Class Normal DZ 9115.220 Code TOE ROAD
Mthd Phase Diff. H.pr 0.023 V.pr 0.037

GPSQC1 NM Min SVs 6 PDOP max 0.9
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 326612.0 End wk 1081 sec 326615.0

NOTE KI LINE. Name: 20, Code: , Method: Two points, Start pt: 186,

NOTE KI End pt: 170, Azimuth: 267.086°, Length: 508.601ft,

NOTE KI Grade: -0.009°

GPSVEC TP Point ID 2412 DX 8255.331 DY 3153.162
Class Normal DZ 9178.602 Code TOE LEVEE
Mthd Phase Diff. H.pr 0.034 V.pr 0.056

GPSQC1 NM Min SVs 6 PDOP max 0.9
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 326786.0 End wk 1081 sec 326790.0

GPSVEC TP Point ID 2413 DX 8241.991 DY 3158.619
Class Normal DZ 9176.772 Code E/ROAD
Mthd Phase Diff. H.pr 0.024 V.pr 0.039

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 5 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 326814.0 End wk 1081 sec 326818.0

GPSVEC TP Point ID 2414 DX 8240.629 DY 3159.883
Class Normal DZ 9176.875 Code TOP LEVEE
Mthd Phase Diff. H.pr 0.026 V.pr 0.042

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 326832.0 End wk 1081 sec 326834.0

GPSVEC TP Point ID 2415 DX 8236.268 DY 3166.545
Class Normal DZ 9173.635 Code TOE LEVEE NO SG
Mthd Phase Diff. H.pr 0.036 V.pr 0.059

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 326905.0 End wk 1081 sec 326907.0

GPSVEC TP Point ID 2416 DX 8227.899 DY 3169.912
Class Normal DZ 9172.403 Code GRD
Mthd Phase Diff. H.pr 0.029 V.pr 0.047

GPSQC1 NM Min SVs 6 PDOP max 0.9
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 326926.0 End wk 1081 sec 326930.0

GPSVEC TP Point ID 2417 DX 8210.231 DY 3176.861
Class Normal DZ 9171.895 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.042

```
GPSQC1  NM  Min SVs      6              PDOP max  0.9
        Total GPS pos  5              HDOP max  0.5
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1081 sec 326950.0       End wk 1081   sec 326954.0

GPSVEC  TP  Point ID 2418      DX   8190.147        DY   3184.711
        Class Normal        DZ   9170.900        Code GRD
        Mthd Phase Diff.    H.pr 0.026           V.pr 0.041

GPSQC1  NM  Min SVs      6              PDOP max  0.9
        Total GPS pos  5              HDOP max  0.5
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1081 sec 326972.0       End wk 1081   sec 326976.0

GPSVEC  TP  Point ID 2419      DX   8171.424        DY   3191.357
        Class Normal        DZ   9169.769        Code GRD
        Mthd Phase Diff.    H.pr 0.023           V.pr 0.037

GPSQC1  NM  Min SVs      7              PDOP max  0.8
        Total GPS pos  3              HDOP max  0.4
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1081 sec 327114.0       End wk 1081   sec 327116.0

GPSVEC  TP  Point ID 2420      DX   8156.175        DY   3197.297
        Class Normal        DZ   9169.537        Code GRD
        Mthd Phase Diff.    H.pr 0.027           V.pr 0.044

GPSQC1  NM  Min SVs      6              PDOP max  0.9
        Total GPS pos  4              HDOP max  0.5
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1081 sec 327131.0       End wk 1081   sec 327134.0

GPSVEC  TP  Point ID 2421      DX   8149.333        DY   3193.349
        Class Normal        DZ   9162.703        Code GRD
        Mthd Phase Diff.    H.pr 0.047           V.pr 0.068

GPSQC1  NM  Min SVs      5              PDOP max  1.1
        Total GPS pos  10             HDOP max  0.6
        Monitor status Yes            VDOP max  0.9
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1081 sec 327255.0       End wk 1081   sec 327265.0
```

```
INIT   KI  Init event   Lost            Week        1081
       Init type    On the fly       seconds      327340.0
       Init counter  1              Point ID     <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>

INIT   KI  Init event   Gained          Week        1081
       Init type    On the fly       seconds      327619.0
       Init counter  2              Point ID     <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>

GPSVEC  TP  Point ID 226       DX   7808.776        DY   3324.743
       Class Normal        DZ   9156.536        Code SG 105+00W NR
       Mthd Phase Diff.    H.pr 0.025          V.pr 0.039

GPSQC1  NM  Min SVs       6              PDOP max  1.0
       Total GPS pos  3              HDOP max  0.5
       Monitor status Yes            VDOP max  0.9
       Horizontal SD  0.000           Vert SD   0.000
       Start wk 1081 sec 327690.0       End wk 1081   sec 327692.0

SURVEY EVENTKISurvey event Communications error

INIT   KI  Init event   Lost            Week        1081
       Init type    On the fly       seconds      327704.0
       Init counter  2              Point ID     <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>

INIT   KI  Init event   Gained          Week        1081
       Init type    On the fly       seconds      327727.0
       Init counter  3              Point ID     <no text>
       Survey type   Real Time         Plate H. Dist <null>
       Plate V. Dist <null>          Plate azimuth <null>

GPSVEC  TP  Point ID 227       DX   7808.813        DY   3324.738
       Class Normal        DZ   9156.547        Code SG 105+00W NR
       Mthd Phase Diff.    H.pr 0.029          V.pr 0.047

GPSQC1  NM  Min SVs       7              PDOP max  0.8
       Total GPS pos  4              HDOP max  0.4
       Monitor status Yes            VDOP max  0.7
       Horizontal SD  0.000           Vert SD   0.000
       Start wk 1081 sec 327739.0       End wk 1081   sec 327743.0
```

NOTE KI LINE. Name: 21, Code: , Method: Two points, Start pt: 226,

NOTE KI End pt: 170, Azimuth: 259.940°, Length: 17.050ft,

NOTE KI Grade: 37.912°

GPSVEC TP Point ID 2422 DX 7813.994 DY 3326.966
Class Normal DZ 9155.156 Code TOE LEVEE
Mthd Phase Diff. H.pr 0.043 V.pr 0.060

GPSQC1 NM Min SVs 5 PDOP max 1.3
Total GPS pos 5 HDOP max 0.8
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 327838.0 End wk 1081 sec 327843.0

GPSVEC TP Point ID 2423 DX 7822.755 DY 3324.565
Class Normal DZ 9155.634 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.039

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 327864.0 End wk 1081 sec 327866.0

GPSVEC TP Point ID 2424 DX 7835.999 DY 3320.290
Class Normal DZ 9158.072 Code GRD
Mthd Phase Diff. H.pr 0.037 V.pr 0.055

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 327887.0 End wk 1081 sec 327891.0

NOTE TS Time Date 09/27/2000 Time 19:13:04

GPSVEC TP Point ID 2425 DX 7849.849 DY 3315.144
Class Normal DZ 9161.202 Code GRD
Mthd Phase Diff. H.pr 0.029 V.pr 0.047

```
GPSQC1  NM  Min SVs      6              PDOP max  0.9
        Total GPS pos  4              HDOP max  0.5
        Monitor status Yes            VDOP max  0.8
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1081 sec 328392.0       End wk 1081   sec 328395.0

GPSVEC  TP  Point ID 2426       DX   7858.663        DY   3314.048
        Class Normal        DZ   9162.046        Code GRD
        Mthd Phase Diff.    H.pr 0.029           V.pr 0.044

GPSQC1  NM  Min SVs      5              PDOP max  1.2
        Total GPS pos  4              HDOP max  0.7
        Monitor status Yes            VDOP max  1.0
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1081 sec 328410.0       End wk 1081   sec 328413.0

GPSVEC  TP  Point ID 2427       DX   7880.687        DY   3307.102
        Class Normal        DZ   9165.707        Code GRD
        Mthd Phase Diff.    H.pr 0.024           V.pr 0.039

GPSQC1  NM  Min SVs      6              PDOP max  1.1
        Total GPS pos  3              HDOP max  0.6
        Monitor status Yes            VDOP max  0.9
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1081 sec 328436.0       End wk 1081   sec 328438.0

GPSVEC  TP  Point ID 2428       DX   7901.233        DY   3300.830
        Class Normal        DZ   9168.748        Code GRD
        Mthd Phase Diff.    H.pr 0.037           V.pr 0.059

GPSQC1  NM  Min SVs      6              PDOP max  0.9
        Total GPS pos  5              HDOP max  0.5
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1081 sec 328455.0       End wk 1081   sec 328459.0

GPSVEC  TP  Point ID 2429       DX   7915.419        DY   3301.067
        Class Normal        DZ   9177.780        Code GRD
        Mthd Phase Diff.    H.pr 0.024           V.pr 0.037

GPSQC1  NM  Min SVs      5              PDOP max  1.1
        Total GPS pos  5              HDOP max  0.6
        Monitor status Yes            VDOP max  0.9
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1081 sec 328476.0       End wk 1081   sec 328480.0
```

GPSVEC TP Point ID 2430 DX 7934.706 DY 3291.373
Class Normal DZ 9175.239 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.041

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 328514.0 End wk 1081 sec 328517.0

GPSVEC TP Point ID 2431 DX 7941.914 DY 3290.568
Class Normal DZ 9175.559 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.040

GPSQC1 NM Min SVs 5 PDOP max 0.8
Total GPS pos 4 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 328543.0 End wk 1081 sec 328547.0

GPSVEC TP Point ID 2432 DX 7959.822 DY 3284.814
Class Normal DZ 9177.366 Code GRD
Mthd Phase Diff. H.pr 0.038 V.pr 0.060

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 328564.0 End wk 1081 sec 328567.0

GPSVEC TP Point ID 2433 DX 7964.197 DY 3283.685
Class Normal DZ 9179.956 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.039

GPSQC1 NM Min SVs 6 PDOP max 0.9
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 328586.0 End wk 1081 sec 328590.0

GPSVEC TP Point ID 2434 DX 7970.700 DY 3279.996
Class Normal DZ 9180.711 Code GRD
Mthd Phase Diff. H.pr 0.030 V.pr 0.046

```
GPSQC1  NM  Min SVs      7              PDOP max  0.8
        Total GPS pos  3              HDOP max  0.5
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1081 sec 328605.0       End wk 1081   sec 328608.0

GPSVEC  TP  Point ID 2435      DX   7983.346        DY   3275.011
        Class Normal        DZ   9183.126        Code GRD
        Mthd Phase Diff.    H.pr 0.030           V.pr 0.039

GPSQC1  NM  Min SVs      6              PDOP max  0.9
        Total GPS pos  4              HDOP max  0.6
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1081 sec 328624.0       End wk 1081   sec 328627.0

GPSVEC  TP  Point ID 2436      DX   8001.550        DY   3270.706
        Class Normal        DZ   9187.573        Code GRD
        Mthd Phase Diff.    H.pr 0.035           V.pr 0.045

GPSQC1  NM  Min SVs      6              PDOP max  0.9
        Total GPS pos  4              HDOP max  0.6
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1081 sec 328649.0       End wk 1081   sec 328652.0

GPSVEC  TP  Point ID 2437      DX   8016.602        DY   3264.639
        Class Normal        DZ   9187.462        Code GRD
        Mthd Phase Diff.    H.pr 0.026           V.pr 0.034

GPSQC1  NM  Min SVs      6              PDOP max  0.9
        Total GPS pos  4              HDOP max  0.6
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1081 sec 328682.0       End wk 1081   sec 328685.0

GPSVEC  TP  Point ID 2438      DX   8028.265        DY   3264.947
        Class Normal        DZ   9194.075        Code GRD
        Mthd Phase Diff.    H.pr 0.032           V.pr 0.043

GPSQC1  NM  Min SVs      6              PDOP max  0.9
        Total GPS pos  4              HDOP max  0.6
        Monitor status Yes            VDOP max  0.7
        Horizontal SD  0.000           Vert SD   0.000
        Start wk 1081 sec 328706.0       End wk 1081   sec 328709.0
```

GPSVEC TP Point ID 2439 DX 8038.564 DY 3260.407
Class Normal DZ 9190.745 Code GRD
Mthd Phase Diff. H.pr 0.044 V.pr 0.058

GPSQC1 NM Min SVs 6 PDOP max 0.9
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 328733.0 End wk 1081 sec 328736.0

GPSVEC TP Point ID 2440 DX 8051.801 DY 3256.165
Class Normal DZ 9192.957 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.036

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 4 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 328749.0 End wk 1081 sec 328753.0

GPSVEC TP Point ID 2441 DX 8066.219 DY 3251.325
Class Normal DZ 9193.622 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.042

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 5 HDOP max 0.4
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 328773.0 End wk 1081 sec 328777.0

GPSVEC TP Point ID 2442 DX 8070.287 DY 3252.233
Class Normal DZ 9193.630 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.040

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 5 HDOP max 0.4
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 328790.0 End wk 1081 sec 328794.0

GPSVEC TP Point ID 2443 DX 8075.302 DY 3228.969
Class Normal DZ 9162.997 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.035

GPSQC1 NM Min SVs 6 PDOP max 0.9
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 328827.0 End wk 1081 sec 328830.0

GPSVEC TP Point ID 2444 DX 8088.932 DY 3224.486
Class Normal DZ 9164.508 Code GRD
Mthd Phase Diff. H.pr 0.031 V.pr 0.049

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 328845.0 End wk 1081 sec 328848.0

GPSVEC TP Point ID 2445 DX 8094.128 DY 3221.240
Class Normal DZ 9167.452 Code GRD
Mthd Phase Diff. H.pr 0.034 V.pr 0.051

GPSQC1 NM Min SVs 6 PDOP max 0.7
Total GPS pos 7 HDOP max 0.4
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 328859.0 End wk 1081 sec 328865.0

INIT KI Init event Lost Week 1081
Init type On the fly seconds 328877.0
Init counter 3 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

SURVEY KI Elev mask 10 PDOP mask 6.0

EQUIP BA Receiver 4800 Serial no 20141803
Antenna 4800 Internal
Method Reading from hook using 4800 tape
Tape adj 0.000 Serial no <no text>
Radius 0.358 V.Const 0.104

SURVEY EVENTKISurvey event Base survey started

NOTE TS Time Date 09/28/2000 Time 13:58:34

EQUIP BA Receiver 4800 Serial no 20141803
Antenna 4800 Internal
Method Reading from hook using 4800 tape
Tape adj 0.000 Serial no <no text>
Radius 0.358 V.Const 0.104

GPSANT KI Antenna ht 5.089 Measuremt Uncorrected

EQUIP BA Receiver 4800 Serial no 20141803
Antenna 4800 Internal
Method Reading from hook using 4800 tape
Tape adj 0.000 Serial no <no text>
Radius 0.358 V.Const 0.104

GPSANT KI Antenna ht 5.089 Measuremt Uncorrected

EQUIP BA Receiver 4800 Serial no 20141803
Antenna 4800 Internal
Method Reading from hook using 4800 tape
Tape adj 0.000 Serial no <no text>
Radius 0.358 V.Const 0.104

GPSANT KI Antenna ht 5.089 Measuremt Uncorrected

GPSREF KI Reference BAS2

EQUIP NM Receiver 4800 Serial no 20152374
Antenna 4800 Internal
Method Measured to bottom of antenna mount
Tape adj 0.000 Serial no <no text>
Radius 0.000 V.Const 0.511

SURVEY EVENTKISurvey event Rover survey started

NOTE TS Time Date 09/28/2000 Time 13:59:06

GPSANT KI Antenna ht 5.180 Measuremt True

GPSREF KI Reference BAS2

INIT KI Init event Gained Week 1081
Init type On the fly seconds 395965.0
Init counter 2 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

EQUIP NM Receiver 4800 Serial no 20152374
Antenna 4800 Internal
Method Measured to bottom of antenna mount
Tape adj 0.000 Serial no <no text>
Radius 0.000 V.Const 0.511

GPSANT KI Antenna ht 5.810 Measuremt Uncorrected

INIT KI Init event Lost Week 1081
Init type On the fly seconds 395979.0
Init counter 2 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1081
Init type On the fly seconds 397085.0
Init counter 3 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

EQUIP NM Receiver 4800 Serial no 20152374
Antenna 4800 Internal
Method Measured to bottom of antenna mount
Tape adj 0.000 Serial no <no text>
Radius 0.000 V.Const 0.511

GPSANT KI Antenna ht 5.810 Measuremt Uncorrected

INIT KI Init event Lost Week 1081
Init type On the fly seconds 397349.0
Init counter 3 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1081
Init type On the fly seconds 397422.0
Init counter 4 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Lost Week 1081
Init type On the fly seconds 397491.0
Init counter 4 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1081
Init type On the fly seconds 397616.0
Init counter 5 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

NOTE TS Time Date 09/28/2000 Time 14:27:46

GPSVEC TP Point ID 228 DX 8464.364 DY 3666.524
Class Normal DZ 10014.177 Code SG 115+00E NR
Mthd Phase Diff. H.pr 0.019 V.pr 0.044

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 11 HDOP max 0.4
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 397666.0 End wk 1081 sec 397677.0

INIT KI Init event Lost Week 1081
Init type On the fly seconds 397688.0
Init counter 5 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1081
Init type On the fly seconds 397762.0
Init counter 6 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 229 DX 8464.403 DY 3666.476
Class Normal DZ 10014.210 Code SG 115+00E NR
Mthd Phase Diff. H.pr 0.029 V.pr 0.064

GPSQC1 NM Min SVs 6 PDOP max 0.9
Total GPS pos 13 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 397819.0 End wk 1081 sec 397832.0

NOTE KI LINE. Name: 22, Code: , Method: Two points, Start pt: 228,

NOTE KI End pt: 188, Azimuth: 95.940°, Length: 14.399ft,

NOTE KI Grade: 39.443°

GPSVEC TP Point ID 2446 DX 8462.076 DY 3672.058
Class Normal DZ 10011.887 Code TOE LEVEE
Mthd Phase Diff. H.pr 0.019 V.pr 0.042

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 397965.0 End wk 1081 sec 397969.0

GPSVEC TP Point ID 2447 DX 8444.727 DY 3680.288
Class Normal DZ 10013.171 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.058

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 7 HDOP max 0.4
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 397990.0 End wk 1081 sec 397996.0

SURVEY EVENTKISurvey event Communications error

INIT KI Init event Gained Week 1081
Init type On the fly seconds 398019.0
Init counter 6 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 2448 DX 8429.169 DY 3688.034
Class Normal DZ 10014.720 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.059

GPSQC1 NM Min SVs 7 PDOP max 1.4
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 398024.0 End wk 1081 sec 398026.0

GPSVEC TP Point ID 2449 DX 8410.610 DY 3696.691
Class Normal DZ 10016.495 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.055

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 7 HDOP max 0.4
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 398051.0 End wk 1081 sec 398057.0

GPSVEC TP Point ID 2450 DX 8406.744 DY 3699.110
Class Normal DZ 10017.312 Code GRD
Mthd Phase Diff. H.pr 0.028 V.pr 0.066

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 6 HDOP max 0.4
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 398068.0 End wk 1081 sec 398073.0

GPSVEC TP Point ID 2451 DX 8403.546 DY 3699.670
Class Normal DZ 10017.257 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.062

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 8 HDOP max 0.4
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 398086.0 End wk 1081 sec 398093.0

GPSVEC TP Point ID 2452 DX 8395.713 DY 3703.631
Class Normal DZ 10017.697 Code GRD
Mthd Phase Diff. H.pr 0.028 V.pr 0.062

GPSQC1 NM Min SVs 8 PDOP max 0.6
Total GPS pos 15 HDOP max 0.2
Monitor status Yes VDOP max 0.5
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 398109.0 End wk 1081 sec 398123.0

GPSVEC TP Point ID 2453 DX 8377.997 DY 3712.860
Class Normal DZ 10019.555 Code GRD
Mthd Phase Diff. H.pr 0.031 V.pr 0.070

GPSQC1 NM Min SVs 8 PDOP max 0.9
Total GPS pos 6 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 398141.0 End wk 1081 sec 398146.0

GPSVEC TP Point ID 2454 DX 8359.358 DY 3721.561
Class Normal DZ 10021.159 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.060

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 10 HDOP max 0.3
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 398170.0 End wk 1081 sec 398180.0

GPSVEC TP Point ID 2455 DX 8341.016 DY 3729.934
Class Normal DZ 10023.025 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.063

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 9 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 398197.0 End wk 1081 sec 398205.0

GPSVEC TP Point ID 2456 DX 8323.923 DY 3738.362
Class Normal DZ 10024.586 Code GRD
Mthd Phase Diff. H.pr 0.020 V.pr 0.047

GPSQC1 NM Min SVs 7 PDOP max 0.7
Total GPS pos 15 HDOP max 0.3
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 398224.0 End wk 1081 sec 398241.0

GPSVEC TP Point ID 2457 DX 8312.614 DY 3743.440
Class Normal DZ 10025.900 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.053

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 4 HDOP max 0.4
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 398252.0 End wk 1081 sec 398257.0

GPSVEC TP Point ID 2458 DX 8299.463 DY 3749.991
Class Normal DZ 10026.569 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.062

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 9 HDOP max 0.4
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 398272.0 End wk 1081 sec 398280.0

GPSVEC TP Point ID 2459 DX 8292.274 DY 3753.188
Class Normal DZ 10027.579 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.062

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 9 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 398296.0 End wk 1081 sec 398305.0

GPSVEC TP Point ID 2460 DX 8288.227 DY 3755.612
Class Normal DZ 10027.753 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.050

GPSQC1 NM Min SVs 7 PDOP max 1.2
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 398318.0 End wk 1081 sec 398322.0

GPSVEC TP Point ID 2461 DX 8270.188 DY 3763.783
Class Normal DZ 10029.540 Code GRD
Mthd Phase Diff. H.pr 0.018 V.pr 0.042

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 7 HDOP max 0.4
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 398337.0 End wk 1081 sec 398343.0

GPSVEC TP Point ID 2462 DX 8252.878 DY 3771.842
Class Normal DZ 10031.192 Code GRD
Mthd Phase Diff. H.pr 0.019 V.pr 0.043

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 8 HDOP max 0.4
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 398361.0 End wk 1081 sec 398369.0

GPSVEC TP Point ID 2463 DX 8237.605 DY 3778.679
Class Normal DZ 10032.332 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.058

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 6 HDOP max 0.4
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 398386.0 End wk 1081 sec 398416.0

GPSVEC TP Point ID 2464 DX 8226.862 DY 3783.955
Class Normal DZ 10033.669 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.056

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 10 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 398437.0 End wk 1081 sec 398446.0

GPSVEC TP Point ID 2465 DX 8212.496 DY 3791.004
Class Normal DZ 10035.169 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.059

GPSQC1 NM Min SVs 7 PDOP max 1.2
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 398471.0 End wk 1081 sec 398475.0

GPSVEC TP Point ID 2466 DX 8195.800 DY 3798.841
Class Normal DZ 10036.420 Code GRD
Mthd Phase Diff. H.pr 0.028 V.pr 0.062

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 7 HDOP max 0.4
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 398502.0 End wk 1081 sec 398510.0

GPSVEC TP Point ID 230 DX 7931.000 DY 3868.403
Class Normal DZ 9988.880 Code SG 115+00W NR
Mthd Phase Diff. H.pr 0.019 V.pr 0.049

GPSQC1 NM Min SVs 6 PDOP max 1.5
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.4
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 398717.0 End wk 1081 sec 398721.0

INIT KI Init event Lost Week 1081
Init type On the fly seconds 398726.0
Init counter 6 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1081
Init type On the fly seconds 398833.0
Init counter 7 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 231 DX 7931.013 DY 3868.336
Class Normal DZ 9988.859 Code SG 115+00W NR
Mthd Phase Diff. H.pr 0.013 V.pr 0.035

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 12 HDOP max 0.4
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 398856.0 End wk 1081 sec 398868.0

NOTE KI LINE. Name: 23, Code: , Method: Two points, Start pt: 230,

NOTE KI End pt: 172, Azimuth: 271.119°, Length: 17.048ft,

NOTE KI Grade: 39.375°

GPSVEC TP Point ID 2467 DX 7935.908 DY 3869.827
Class Normal DZ 9986.620 Code TOE LEVEE
Mthd Phase Diff. H.pr 0.015 V.pr 0.041

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 8 HDOP max 0.4
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 398930.0 End wk 1081 sec 398938.0

GPSVEC TP Point ID 2468 DX 7942.215 DY 3867.799
Class Normal DZ 9986.441 Code GRD
Mthd Phase Diff. H.pr 0.019 V.pr 0.052

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 7 HDOP max 0.5
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 398959.0 End wk 1081 sec 398965.0

GPSVEC TP Point ID 2469 DX 7958.056 DY 3860.714
Class Normal DZ 9986.295 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.060

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 1.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 398983.0 End wk 1081 sec 398989.0

GPSVEC TP Point ID 2470 DX 7975.680 DY 3852.859
Class Normal DZ 9986.332 Code GRD
Mthd Phase Diff. H.pr 0.020 V.pr 0.052

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 7 HDOP max 0.5
Monitor status Yes VDOP max 1.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 399006.0 End wk 1081 sec 399021.0

GPSVEC TP Point ID 2471 DX 7994.501 DY 3844.985
Class Normal DZ 9986.043 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.058

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 9 HDOP max 0.4
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 399041.0 End wk 1081 sec 399050.0

GPSVEC TP Point ID 2472 DX 8011.656 DY 3837.726
Class Normal DZ 9985.715 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.055

GPSQC1 NM Min SVs 6 PDOP max 1.7
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 399067.0 End wk 1081 sec 399070.0

GPSVEC TP Point ID 2473 DX 8030.783 DY 3827.914
Class Normal DZ 9982.827 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.057

GPSQC1 NM Min SVs 6 PDOP max 1.8
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 399092.0 End wk 1081 sec 399095.0

GPSVEC TP Point ID 2474 DX 8050.917 DY 3821.604
Class Normal DZ 9985.144 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.056

GPSQC1 NM Min SVs 6 PDOP max 1.8
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 399118.0 End wk 1081 sec 399121.0

GPSVEC TP Point ID 2475 DX 8067.158 DY 3814.566
Class Normal DZ 9984.756 Code GRD
Mthd Phase Diff. H.pr 0.020 V.pr 0.054

GPSQC1 NM Min SVs 6 PDOP max 1.9
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 399140.0 End wk 1081 sec 399143.0

GPSVEC TP Point ID 2476 DX 8085.552 DY 3806.914
Class Normal DZ 9984.759 Code GRD
Mthd Phase Diff. H.pr 0.019 V.pr 0.052

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 8 HDOP max 0.5
Monitor status Yes VDOP max 1.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 399159.0 End wk 1081 sec 399166.0

GPSVEC TP Point ID 2477 DX 8104.311 DY 3799.232
Class Normal DZ 9984.179 Code GRD
Mthd Phase Diff. H.pr 0.020 V.pr 0.053

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 11 HDOP max 0.4
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 399183.0 End wk 1081 sec 399193.0

GPSVEC TP Point ID 2478 DX 8121.217 DY 3791.778
Class Normal DZ 9983.974 Code GRD
Mthd Phase Diff. H.pr 0.020 V.pr 0.055

GPSQC1 NM Min SVs 6 PDOP max 1.7
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 399209.0 End wk 1081 sec 399212.0

GPSVEC TP Point ID 2479 DX 8138.874 DY 3784.504
Class Normal DZ 9983.647 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.064

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 8 HDOP max 0.5
Monitor status Yes VDOP max 1.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 399234.0 End wk 1081 sec 399241.0

GPSVEC TP Point ID 2480 DX 8151.952 DY 3779.351
Class Normal DZ 9983.484 Code GRD
Mthd Phase Diff. H.pr 0.018 V.pr 0.049

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 7 HDOP max 0.4
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 399254.0 End wk 1081 sec 399263.0

GPSVEC TP Point ID 2481 DX 8166.485 DY 3772.759
Class Normal DZ 9983.363 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.057

GPSQC1 NM Min SVs 6 PDOP max 1.9
Total GPS pos 4 HDOP max 0.7
Monitor status Yes VDOP max 1.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 399278.0 End wk 1081 sec 399281.0

GPSVEC TP Point ID 2482 DX 8183.084 DY 3765.960
Class Normal DZ 9982.745 Code GRD
Mthd Phase Diff. H.pr 0.020 V.pr 0.055

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 7 HDOP max 0.5
Monitor status Yes VDOP max 1.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 399298.0 End wk 1081 sec 399305.0

GPSVEC TP Point ID 2483 DX 8208.051 DY 3755.163
Class Normal DZ 9982.771 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.061

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 8 HDOP max 0.5
Monitor status Yes VDOP max 1.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 399322.0 End wk 1081 sec 399329.0

INIT KI Init event Lost Week 1081
Init type On the fly seconds 399344.0
Init counter 7 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

NOTE TS Time Date 09/28/2000 Time 14:59:28

INIT KI Init event Gained Week 1081
Init type On the fly seconds 399580.0
Init counter 8 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 232 DX 8494.864 DY 4169.030
Class Normal DZ 10735.048 Code SG 125+00W NR
Mthd Phase Diff. H.pr 0.018 V.pr 0.049

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 9 HDOP max 0.5
Monitor status Yes VDOP max 1.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 399700.0 End wk 1081 sec 399709.0

INIT KI Init event Lost Week 1081
Init type On the fly seconds 399715.0
Init counter 8 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1081
Init type On the fly seconds 399744.0
Init counter 9 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 233 DX 8494.886 DY 4169.027
Class Normal DZ 10735.050 Code SG 125+00W NR
Mthd Phase Diff. H.pr 0.016 V.pr 0.042

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 11 HDOP max 0.4
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 399753.0 End wk 1081 sec 399765.0

NOTE KI Computed inverse, Start pt: 232, End pt: 233,

NOTE KI Azimuth: 77.002°, H Dist: 0.022ft, V Dist: -0.003ft,

NOTE KI S Dist: 0.022ft

NOTE KI LINE. Name: 24, Code: , Method: Two points, Start pt: 232,

NOTE KI End pt: 174, Azimuth: 309.876°, Length: 15.115ft,

NOTE KI Grade: 38.252°

GPSVEC TP Point ID 2484 DX 8497.971 DY 4169.239
Class Normal DZ 10731.139 Code TOE LEVEE
Mthd Phase Diff. H.pr 0.021 V.pr 0.055

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 17 HDOP max 0.4
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 399868.0 End wk 1081 sec 399885.0

GPSVEC TP Point ID 2485 DX 8500.811 DY 4167.490
Class Normal DZ 10728.382 Code GRD
Mthd Phase Diff. H.pr 0.014 V.pr 0.038

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 10 HDOP max 0.5
Monitor status Yes VDOP max 1.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 399896.0 End wk 1081 sec 399905.0

GPSVEC TP Point ID 2486 DX 8512.069 DY 4155.520
Class Normal DZ 10717.786 Code GRD
Mthd Phase Diff. H.pr 0.014 V.pr 0.036

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 9 HDOP max 0.5
Monitor status Yes VDOP max 1.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 399921.0 End wk 1081 sec 399929.0

GPSVEC TP Point ID 2487 DX 8524.925 DY 4141.791
Class Normal DZ 10706.288 Code GRD
Mthd Phase Diff. H.pr 0.029 V.pr 0.046

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 399948.0 End wk 1081 sec 399952.0

GPSVEC TP Point ID 2488 DX 8537.293 DY 4128.237
Class Normal DZ 10694.463 Code GRD
Mthd Phase Diff. H.pr 0.029 V.pr 0.047

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 399968.0 End wk 1081 sec 399972.0

GPSVEC TP Point ID 2489 DX 8550.122 DY 4114.594
Class Normal DZ 10683.054 Code GRD
Mthd Phase Diff. H.pr 0.037 V.pr 0.059

GPSQC1 NM Min SVs 7 PDOP max 1.2
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 399988.0 End wk 1081 sec 399991.0

GPSVEC TP Point ID 2490 DX 8562.182 DY 4101.868
Class Normal DZ 10672.093 Code GRD
Mthd Phase Diff. H.pr 0.028 V.pr 0.046

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 400018.0 End wk 1081 sec 400022.0

GPSVEC TP Point ID 2491 DX 8574.265 DY 4088.915
Class Normal DZ 10660.535 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.042

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 400045.0 End wk 1081 sec 400049.0

GPSVEC TP Point ID 2492 DX 8586.314 DY 4076.312
Class Normal DZ 10649.617 Code GRD
Mthd Phase Diff. H.pr 0.041 V.pr 0.066

GPSQC1 NM Min SVs 7 PDOP max 1.2
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 400067.0 End wk 1081 sec 400070.0

GPSVEC TP Point ID 2493 DX 8592.411 DY 4069.952
Class Normal DZ 10643.797 Code GRD
Mthd Phase Diff. H.pr 0.029 V.pr 0.047

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 400083.0 End wk 1081 sec 400089.0

GPSVEC TP Point ID 2494 DX 8596.795 DY 4065.412
Class Normal DZ 10640.525 Code GRD
Mthd Phase Diff. H.pr 0.032 V.pr 0.051

GPSQC1 NM Min SVs 7 PDOP max 1.2
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 400101.0 End wk 1081 sec 400104.0

GPSVEC TP Point ID 2495 DX 8607.428 DY 4053.989
Class Normal DZ 10630.598 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.038

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 9 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 400123.0 End wk 1081 sec 400132.0

GPSVEC TP Point ID 2496 DX 8618.614 DY 4041.783
Class Normal DZ 10619.908 Code GRD
Mthd Phase Diff. H.pr 0.035 V.pr 0.056

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 400150.0 End wk 1081 sec 400154.0

GPSVEC TP Point ID 2497 DX 8631.711 DY 4028.141
Class Normal DZ 10608.107 Code GRD
Mthd Phase Diff. H.pr 0.038 V.pr 0.061

GPSQC1 NM Min SVs 7 PDOP max 1.2
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 400171.0 End wk 1081 sec 400174.0

GPSVEC TP Point ID 2498 DX 8644.725 DY 4014.138
Class Normal DZ 10596.136 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.044

GPSQC1 NM Min SVs 7 PDOP max 1.2
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 400192.0 End wk 1081 sec 400195.0

GPSVEC TP Point ID 2499 DX 8657.661 DY 4000.115
Class Normal DZ 10583.835 Code GRD
Mthd Phase Diff. H.pr 0.034 V.pr 0.054

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 400211.0 End wk 1081 sec 400215.0

GPSVEC TP Point ID 2500 DX 8670.008 DY 3987.098
Class Normal DZ 10572.646 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.039

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 400236.0 End wk 1081 sec 400241.0

GPSVEC TP Point ID 234 DX 8898.121 DY 3925.717
Class Normal DZ 10626.535 Code SG 125+00E NR
Mthd Phase Diff. H.pr 0.038 V.pr 0.060

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 400383.0 End wk 1081 sec 400391.0

INIT KI Init event Lost Week 1081
Init type On the fly seconds 400398.0
Init counter 9 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1081
Init type On the fly seconds 400444.0
Init counter 10 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 235 DX 8898.125 DY 3925.697
Class Normal DZ 10626.531 Code SG 125+00E NR
Mthd Phase Diff. H.pr 0.038 V.pr 0.060

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 400458.0 End wk 1081 sec 400466.0

NOTE KI Computed inverse, Start pt: 234, End pt: 235,

NOTE KI Azimuth: 140.533°, H Dist: 0.017ft, V Dist: 0.012ft,

NOTE KI S Dist: 0.021ft

NOTE KI LINE. Name: 25, Code: , Method: Two points, Start pt: 234,

NOTE KI End pt: 190, Azimuth: 129.628°, Length: 15.137ft,

NOTE KI Grade: 39.077°

GPSVEC TP Point ID 2501 DX 8896.856 DY 3931.596
Class Normal DZ 10626.560 Code TOE LEVEE
Mthd Phase Diff. H.pr 0.030 V.pr 0.047

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 400528.0 End wk 1081 sec 400533.0

GPSVEC TP Point ID 2502 DX 8888.543 DY 3940.951
Class Normal DZ 10633.579 Code GRD
Mthd Phase Diff. H.pr 0.033 V.pr 0.051

GPSQC1 NM Min SVs 7 PDOP max 1.2
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 400550.0 End wk 1081 sec 400553.0

GPSVEC TP Point ID 2503 DX 8876.713 DY 3953.226
Class Normal DZ 10644.459 Code GRD
Mthd Phase Diff. H.pr 0.041 V.pr 0.064

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 7 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 400570.0 End wk 1081 sec 400576.0

GPSVEC TP Point ID 2504 DX 8863.514 DY 3967.116
Class Normal DZ 10656.488 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.035

GPSQC1 NM Min SVs 7 PDOP max 1.2
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 400597.0 End wk 1081 sec 400600.0

GPSVEC TP Point ID 2505 DX 8851.627 DY 3979.640
Class Normal DZ 10667.209 Code GRD
Mthd Phase Diff. H.pr 0.031 V.pr 0.049

GPSQC1 NM Min SVs 7 PDOP max 1.2
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 400613.0 End wk 1081 sec 400616.0

GPSVEC TP Point ID 2506 DX 8839.797 DY 3992.510
Class Normal DZ 10678.307 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.060

GPSQC1 NM Min SVs 6 PDOP max 1.7
Total GPS pos 4 HDOP max 0.7
Monitor status Yes VDOP max 1.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 400631.0 End wk 1081 sec 400634.0

GPSVEC TP Point ID 2507 DX 8827.822 DY 4004.953
Class Normal DZ 10689.385 Code GRD
Mthd Phase Diff. H.pr 0.040 V.pr 0.062

GPSQC1 NM Min SVs 7 PDOP max 1.3
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 400649.0 End wk 1081 sec 400651.0

GPSVEC TP Point ID 2508 DX 8818.421 DY 4015.217
Class Normal DZ 10697.484 Code GRD
Mthd Phase Diff. H.pr 0.038 V.pr 0.059

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 8 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 400669.0 End wk 1081 sec 400676.0

GPSVEC TP Point ID 2509 DX 8806.822 DY 4027.506
Class Normal DZ 10708.255 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.040

GPSQC1 NM Min SVs 7 PDOP max 1.2
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 400693.0 End wk 1081 sec 400696.0

GPSVEC TP Point ID 2510 DX 8798.487 DY 4036.228
Class Normal DZ 10715.297 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.039

GPSQC1 NM Min SVs 7 PDOP max 1.3
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 400709.0 End wk 1081 sec 400711.0

GPSVEC TP Point ID 2511 DX 8792.163 DY 4043.074
Class Normal DZ 10721.853 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.035

GPSQC1 NM Min SVs 7 PDOP max 1.2
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 400723.0 End wk 1081 sec 400726.0

GPSVEC TP Point ID 2512 DX 8780.664 DY 4054.986
Class Normal DZ 10732.232 Code GRD
Mthd Phase Diff. H.pr 0.035 V.pr 0.054

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 400742.0 End wk 1081 sec 400748.0

GPSVEC TP Point ID 2513 DX 8768.781 DY 4068.084
Class Normal DZ 10743.498 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.052

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 9 HDOP max 0.5
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 400760.0 End wk 1081 sec 400769.0

GPSVEC TP Point ID 2514 DX 8759.380 DY 4077.343
Class Normal DZ 10751.590 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.056

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 7 HDOP max 0.5
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 400787.0 End wk 1081 sec 400795.0

GPSVEC TP Point ID 2515 DX 8756.484 DY 4081.107
Class Normal DZ 10753.707 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.033

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 400809.0 End wk 1081 sec 400815.0

GPSVEC TP Point ID 2516 DX 8747.866 DY 4090.263
Class Normal DZ 10762.171 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.042

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 400834.0 End wk 1081 sec 400839.0

GPSVEC TP Point ID 2517 DX 8735.486 DY 4103.091
Class Normal DZ 10773.182 Code GRD
Mthd Phase Diff. H.pr 0.033 V.pr 0.051

GPSQC1 NM Min SVs 7 PDOP max 1.3
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 400858.0 End wk 1081 sec 400860.0

GPSVEC TP Point ID 2518 DX 8724.863 DY 4114.580
Class Normal DZ 10783.291 Code GRD
Mthd Phase Diff. H.pr 0.035 V.pr 0.054

GPSQC1 NM Min SVs 7 PDOP max 1.2
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 400877.0 End wk 1081 sec 400880.0

INIT KI Init event Lost Week 1081
Init type On the fly seconds 400885.0
Init counter 10 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

NOTE TS Time Date 09/28/2000 Time 15:48:05

INIT KI Init event Gained Week 1081
Init type On the fly seconds 402497.0
Init counter 11 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Lost Week 1081
Init type On the fly seconds 403445.0
Init counter 11 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1081
Init type On the fly seconds 403610.0
Init counter 12 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 236 DX 10685.447 DY 4713.563
Class Normal DZ 12773.381 Code SG 155+00W NR
Mthd Phase Diff. H.pr 0.041 V.pr 0.053

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 403614.0 End wk 1081 sec 403618.0

INIT KI Init event Lost Week 1081
Init type On the fly seconds 403623.0
Init counter 12 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

NOTE KI LINE. Name: 26, Code: , Method: Two points, Start pt: 180,

NOTE KI End pt: 182, Azimuth: 108.769°, Length: 474.548ft,

NOTE KI Grade: -0.476°

INIT KI Init event Gained Week 1081
Init type On the fly seconds 404052.0
Init counter 13 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 237 DX 10684.299 DY 4723.220
Class Normal DZ 12770.829 Code SG 155+00W NR
Mthd Phase Diff. H.pr 0.040 V.pr 0.047

GPSQC1 NM Min SVs 7 PDOP max 0.7
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 404098.0 End wk 1081 sec 404102.0

INIT KI Init event Lost Week 1081
Init type On the fly seconds 404127.0
Init counter 13 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

NOTE TS Time Date 09/28/2000 Time 16:18:15

INIT KI Init event Gained Week 1081
Init type On the fly seconds 404307.0
Init counter 14 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 238 DX 10684.368 DY 4723.188
Class Normal DZ 12770.847 Code SG 155+00W NR
Mthd Phase Diff. H.pr 0.046 V.pr 0.052

GPSQC1 NM Min SVs 6 PDOP max 0.6
Total GPS pos 10 HDOP max 0.4
Monitor status Yes VDOP max 0.5
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 404328.0 End wk 1081 sec 404339.0

GPSVEC TP Point ID 2519 DX 10688.004 DY 4723.735
Class Normal DZ 12767.091 Code TOE LEVEE
Mthd Phase Diff. H.pr 0.053 V.pr 0.060

GPSQC1 NM Min SVs 6 PDOP max 0.9
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 404426.0 End wk 1081 sec 404430.0

GPSVEC TP Point ID 2520 DX 10693.892 DY 4720.175
Class Normal DZ 12764.659 Code GRD
Mthd Phase Diff. H.pr 0.049 V.pr 0.057

GPSQC1 NM Min SVs 7 PDOP max 0.7
Total GPS pos 6 HDOP max 0.4
Monitor status Yes VDOP max 0.5
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 404445.0 End wk 1081 sec 404450.0

GPSVEC TP Point ID 2521 DX 10708.320 DY 4710.966
Class Normal DZ 12760.162 Code GRD
Mthd Phase Diff. H.pr 0.038 V.pr 0.044

GPSQC1 NM Min SVs 7 PDOP max 0.7
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.5
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 404469.0 End wk 1081 sec 404473.0

GPSVEC TP Point ID 2522 DX 10724.695 DY 4700.414
Class Normal DZ 12754.757 Code GRD
Mthd Phase Diff. H.pr 0.042 V.pr 0.048

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 404493.0 End wk 1081 sec 404495.0

GPSVEC TP Point ID 2523 DX 10743.046 DY 4688.607
Class Normal DZ 12749.169 Code GRD
Mthd Phase Diff. H.pr 0.032 V.pr 0.037

GPSQC1 NM Min SVs 7 PDOP max 0.6
Total GPS pos 6 HDOP max 0.4
Monitor status Yes VDOP max 0.5
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 404517.0 End wk 1081 sec 404523.0

GPSVEC TP Point ID 2524 DX 10761.162 DY 4676.786
Class Normal DZ 12742.804 Code GRD
Mthd Phase Diff. H.pr 0.033 V.pr 0.039

GPSQC1 NM Min SVs 7 PDOP max 0.7
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.5
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 404542.0 End wk 1081 sec 404546.0

GPSVEC TP Point ID 2525 DX 10780.208 DY 4664.641
Class Normal DZ 12736.775 Code GRD
Mthd Phase Diff. H.pr 0.042 V.pr 0.048

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 404565.0 End wk 1081 sec 404567.0

GPSVEC TP Point ID 2526 DX 10795.252 DY 4654.880
Class Normal DZ 12731.719 Code GRD
Mthd Phase Diff. H.pr 0.042 V.pr 0.049

GPSQC1 NM Min SVs 7 PDOP max 0.6
Total GPS pos 4 HDOP max 0.4
Monitor status Yes VDOP max 0.5
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 404582.0 End wk 1081 sec 404587.0

GPSVEC TP Point ID 2527 DX 10804.756 DY 4648.501
Class Normal DZ 12728.842 Code GRD
Mthd Phase Diff. H.pr 0.045 V.pr 0.051

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 404603.0 End wk 1081 sec 404605.0

GPSVEC TP Point ID 2528 DX 10811.212 DY 4637.382
Class Normal DZ 12729.043 Code GRD
Mthd Phase Diff. H.pr 0.041 V.pr 0.047

GPSQC1 NM Min SVs 7 PDOP max 0.7
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.5
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 404634.0 End wk 1081 sec 404638.0

GPSVEC TP Point ID 2529 DX 10813.237 DY 4633.657
Class Normal DZ 12726.354 Code GRD
Mthd Phase Diff. H.pr 0.037 V.pr 0.043

GPSQC1 NM Min SVs 7 PDOP max 0.7
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.5
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 404651.0 End wk 1081 sec 404655.0

GPSVEC TP Point ID 2530 DX 10827.087 DY 4630.773
Class Normal DZ 12726.710 Code GRD
Mthd Phase Diff. H.pr 0.035 V.pr 0.041

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 404682.0 End wk 1081 sec 404685.0

GPSVEC TP Point ID 2531 DX 10832.977 DY 4627.009
Class Normal DZ 12720.979 Code GRD
Mthd Phase Diff. H.pr 0.048 V.pr 0.055

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 404696.0 End wk 1081 sec 404700.0

GPSVEC TP Point ID 2532 DX 10841.004 DY 4622.016
Class Normal DZ 12717.838 Code GRD
Mthd Phase Diff. H.pr 0.051 V.pr 0.037

GPSQC1 NM Min SVs 6 PDOP max 0.8
Total GPS pos 6 HDOP max 0.6
Monitor status Yes VDOP max 0.4
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 404711.0 End wk 1081 sec 404720.0

GPSVEC TP Point ID 2533 DX 10851.610 DY 4616.608
Class Normal DZ 12714.519 Code GRD
Mthd Phase Diff. H.pr 0.051 V.pr 0.036

GPSQC1 NM Min SVs 6 PDOP max 0.9
Total GPS pos 5 HDOP max 0.7
Monitor status Yes VDOP max 0.5
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 404734.0 End wk 1081 sec 404740.0

GPSVEC TP Point ID 2534 DX 10857.334 DY 4612.474
Class Normal DZ 12712.655 Code GRD
Mthd Phase Diff. H.pr 0.046 V.pr 0.032

GPSQC1 NM Min SVs 6 PDOP max 0.8
Total GPS pos 9 HDOP max 0.7
Monitor status Yes VDOP max 0.5
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 404751.0 End wk 1081 sec 404759.0

GPSVEC TP Point ID 2535 DX 10860.832 DY 4608.311
Class Normal DZ 12711.833 Code GRD
Mthd Phase Diff. H.pr 0.055 V.pr 0.039

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 5 HDOP max 0.8
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 404778.0 End wk 1081 sec 404782.0

GPSVEC TP Point ID 2536 DX 10873.128 DY 4599.312
Class Normal DZ 12707.844 Code GRD
Mthd Phase Diff. H.pr 0.041 V.pr 0.029

GPSQC1 NM Min SVs 6 PDOP max 0.8
Total GPS pos 9 HDOP max 0.7
Monitor status Yes VDOP max 0.5
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 404804.0 End wk 1081 sec 404812.0

GPSVEC TP Point ID 2537 DX 10883.239 DY 4593.733
Class Normal DZ 12705.799 Code GRD
Mthd Phase Diff. H.pr 0.046 V.pr 0.033

GPSQC1 NM Min SVs 6 PDOP max 0.8
Total GPS pos 8 HDOP max 0.7
Monitor status Yes VDOP max 0.5
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 404841.0 End wk 1081 sec 404848.0

GPSVEC TP Point ID 2538 DX 10889.245 DY 4587.998
Class Normal DZ 12703.912 Code GRD
Mthd Phase Diff. H.pr 0.051 V.pr 0.036

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 5 HDOP max 0.8
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 404884.0 End wk 1081 sec 404888.0

GPSVEC TP Point ID 2539 DX 10892.478 DY 4586.295
Class Normal DZ 12702.319 Code GRD
Mthd Phase Diff. H.pr 0.057 V.pr 0.040

GPSQC1 NM Min SVs 6 PDOP max 0.8
Total GPS pos 8 HDOP max 0.7
Monitor status Yes VDOP max 0.5
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 404903.0 End wk 1081 sec 404910.0

GPSVEC TP Point ID 2540 DX 10897.294 DY 4582.524
Class Normal DZ 12701.746 Code GRD
Mthd Phase Diff. H.pr 0.044 V.pr 0.031

GPSQC1 NM Min SVs 6 PDOP max 0.8
Total GPS pos 7 HDOP max 0.7
Monitor status Yes VDOP max 0.5
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 404921.0 End wk 1081 sec 404928.0

GPSVEC TP Point ID 2541 DX 10903.772 DY 4578.274
Class Normal DZ 12698.720 Code GRD
Mthd Phase Diff. H.pr 0.051 V.pr 0.052

GPSQC1 NM Min SVs 7 PDOP max 0.6
Total GPS pos 7 HDOP max 0.4
Monitor status Yes VDOP max 0.4
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 404937.0 End wk 1081 sec 404943.0

GPSVEC TP Point ID 2542 DX 10910.473 DY 4572.866
Class Normal DZ 12697.761 Code GRD
Mthd Phase Diff. H.pr 0.038 V.pr 0.039

GPSQC1 NM Min SVs 7 PDOP max 0.6
Total GPS pos 7 HDOP max 0.4
Monitor status Yes VDOP max 0.4
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 404956.0 End wk 1081 sec 404963.0

GPSVEC TP Point ID 2543 DX 10916.089 DY 4569.706
Class Normal DZ 12695.409 Code GRD
Mthd Phase Diff. H.pr 0.051 V.pr 0.053

GPSQC1 NM Min SVs 7 PDOP max 0.7
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.5
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 404978.0 End wk 1081 sec 404982.0

GPSVEC TP Point ID 2544 DX 10924.381 DY 4562.385
Class Normal DZ 12693.916 Code GRD
Mthd Phase Diff. H.pr 0.062 V.pr 0.064

GPSQC1 NM Min SVs 7 PDOP max 0.6
Total GPS pos 7 HDOP max 0.4
Monitor status Yes VDOP max 0.4
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 405000.0 End wk 1081 sec 405006.0

GPSVEC TP Point ID 2545 DX 10929.717 DY 4559.634
Class Normal DZ 12691.912 Code GRD
Mthd Phase Diff. H.pr 0.042 V.pr 0.043

GPSQC1 NM Min SVs 7 PDOP max 0.7
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 0.5
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 405024.0 End wk 1081 sec 405029.0

GPSVEC TP Point ID 2546 DX 10946.060 DY 4557.485
Class Normal DZ 12682.579 Code GRD
Mthd Phase Diff. H.pr 0.045 V.pr 0.064

GPSQC1 NM Min SVs 5 PDOP max 1.5
Total GPS pos 21 HDOP max 0.9
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 405060.0 End wk 1081 sec 405080.0

GPSVEC TP Point ID 2547 DX 10961.839 DY 4547.197
Class Normal DZ 12677.118 Code GRD
Mthd Phase Diff. H.pr 0.069 V.pr 0.100

GPSQC1 NM Min SVs 5 PDOP max 1.4
Total GPS pos 23 HDOP max 0.8
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 405103.0 End wk 1081 sec 405125.0

GPSVEC TP Point ID 2548 DX 10978.180 DY 4536.852
Class Normal DZ 12671.688 Code GRD
Mthd Phase Diff. H.pr 0.052 V.pr 0.075

GPSQC1 NM Min SVs 5 PDOP max 1.7
Total GPS pos 15 HDOP max 1.0
Monitor status Yes VDOP max 1.4
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 405145.0 End wk 1081 sec 405159.0

GPSVEC TP Point ID 2549 DX 10995.999 DY 4525.437
Class Normal DZ 12666.206 Code GRD
Mthd Phase Diff. H.pr 0.043 V.pr 0.062

GPSQC1 NM Min SVs 5 PDOP max 2.0
Total GPS pos 10 HDOP max 1.2
Monitor status Yes VDOP max 1.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 405179.0 End wk 1081 sec 405188.0

GPSVEC TP Point ID 2550 DX 11009.952 DY 4516.277
Class Normal DZ 12661.485 Code GRD
Mthd Phase Diff. H.pr 0.042 V.pr 0.057

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 12 HDOP max 0.6
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 405213.0 End wk 1081 sec 405224.0

SURVEY EVENTKISurvey event Communications error

INIT KI Init event Gained Week 1081
Init type On the fly seconds 405243.0
Init counter 14 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 2551 DX 11023.855 DY 4507.048
Class Normal DZ 12656.741 Code GRD
Mthd Phase Diff. H.pr 0.053 V.pr 0.073

GPSQC1 NM Min SVs 6 PDOP max 0.7
Total GPS pos 20 HDOP max 0.4
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 405248.0 End wk 1081 sec 405268.0

GPSVEC TP Point ID 2552 DX 11038.447 DY 4497.377
Class Normal DZ 12652.336 Code TOE LEVEE
Mthd Phase Diff. H.pr 0.058 V.pr 0.080

GPSQC1 NM Min SVs 6 PDOP max 0.8
Total GPS pos 20 HDOP max 0.4
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 405316.0 End wk 1081 sec 405335.0

GPSVEC TP Point ID 239 DX 11040.482 DY 4492.958
Class Normal DZ 12654.067 Code SG 155+00E NR
Mthd Phase Diff. H.pr 0.047 V.pr 0.066

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 8 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 405400.0 End wk 1081 sec 405408.0

INIT KI Init event Lost Week 1081
Init type On the fly seconds 405415.0
Init counter 14 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1081
Init type On the fly seconds 405486.0
Init counter 15 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 240 DX 11040.464 DY 4492.916
Class Normal DZ 12654.122 Code SG 155+00E NR
Mthd Phase Diff. H.pr 0.030 V.pr 0.042

GPSQC1 NM Min SVs 6 PDOP max 0.9
Total GPS pos 12 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 405497.0 End wk 1081 sec 405510.0

INIT KI Init event Lost Week 1081
Init type On the fly seconds 405530.0
Init counter 15 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1081
Init type On the fly seconds 405560.0
Init counter 16 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 241 DX 11040.524 DY 4492.974
Class Normal DZ 12654.113 Code SG 155+00E NR
Mthd Phase Diff. H.pr 0.044 V.pr 0.063

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 7 HDOP max 0.7
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 405569.0 End wk 1081 sec 405575.0

INIT KI Init event Lost Week 1081
Init type On the fly seconds 405618.0
Init counter 16 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

SURVEY KI Elev mask 10 PDOP mask 6.0

NOTE TS Time Date 09/28/2000 Time 17:09:20

EQUIP NM Receiver 4800 Serial no 20152374
Antenna 4800 Internal
Method Measured to bottom of antenna mount
Tape adj 0.000 Serial no <no text>
Radius 0.000 V.Const 0.511

SURVEY EVENTKISurvey event Rover survey started

NOTE TS Time Date 09/28/2000 Time 17:09:43

GPSANT KI Antenna ht 5.180 Measuremt True

GPSREF KI Reference BAS2

INIT KI Init event Gained Week 1081
Init type On the fly seconds 407399.0
Init counter 1 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

EQUIP NM Receiver 4800 Serial no 20152374
Antenna 4800 Internal
Method Measured to bottom of antenna mount
Tape adj 0.000 Serial no <no text>
Radius 0.000 V.Const 0.511

GPSANT KI Antenna ht 5.810 Measuremt Uncorrected

EQUIP NM Receiver 4800 Serial no 20152374
Antenna 4800 Internal
Method Measured to bottom of antenna mount
Tape adj 0.000 Serial no <no text>
Radius 0.000 V.Const 0.511

GPSANT KI Antenna ht 5.810 Measuremt Uncorrected

GPSVEC TP Point ID 242 DX 9665.675 DY 4097.721
Class Normal DZ 11308.918 Code SG 135+00E NR
Mthd Phase Diff. H.pr 0.034 V.pr 0.061

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 15 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 407842.0 End wk 1081 sec 407862.0

INIT KI Init event Lost Week 1081
Init type On the fly seconds 407873.0
Init counter 1 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1081
Init type On the fly seconds 408029.0
Init counter 2 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 243 DX 9665.632 DY 4097.668
Class Normal DZ 11308.897 Code SG 135+00E NR
Mthd Phase Diff. H.pr 0.026 V.pr 0.055

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 25 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 408072.0 End wk 1081 sec 408099.0

NOTE KI LINE. Name: 27, Code: , Method: Two points, Start pt: 192,

NOTE KI End pt: 176, Azimuth: 283.767°, Length: 523.817ft,

NOTE KI Grade: -0.079°

NOTE KI LINE. Name: 27, Code: , Method: Two points, Start pt: 242,

NOTE KI End pt: 192, Azimuth: 128.551°, Length: 14.854ft,

NOTE KI Grade: 39.135°

GPSVEC TP Point ID 2553 DX 9664.460 DY 4103.859
Class Normal DZ 11308.514 Code TOE LEVEE
Mthd Phase Diff. H.pr 0.033 V.pr 0.073

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 26 HDOP max 0.5
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 408232.0 End wk 1081 sec 408261.0

GPSVEC TP Point ID 2554 DX 9659.544 DY 4109.215
Class Normal DZ 11312.841 Code GRD
Mthd Phase Diff. H.pr 0.040 V.pr 0.089

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 29 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 408286.0 End wk 1081 sec 408315.0

GPSVEC TP Point ID 2555 DX 9652.411 DY 4116.191
Class Normal DZ 11318.994 Code GRD
Mthd Phase Diff. H.pr 0.029 V.pr 0.066

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 25 HDOP max 0.5
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 408330.0 End wk 1081 sec 408354.0

GPSVEC TP Point ID 2556 DX 9647.316 DY 4121.610
Class Normal DZ 11323.581 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.059

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 30 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 408365.0 End wk 1081 sec 408394.0

GPSVEC TP Point ID 2557 DX 9636.554 DY 4125.026
Class Normal DZ 11335.191 Code GRD
Mthd Phase Diff. H.pr 0.045 V.pr 0.103

GPSQC1 NM Min SVs 6 PDOP max 1.3
Total GPS pos 21 HDOP max 0.5
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 408423.0 End wk 1081 sec 408444.0

GPSVEC TP Point ID 2558 DX 9635.727 DY 4130.134
Class Normal DZ 11337.946 Code GRD
Mthd Phase Diff. H.pr 0.038 V.pr 0.088

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 35 HDOP max 0.4
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 408454.0 End wk 1081 sec 408489.0

GPSVEC TP Point ID 2559 DX 9628.259 DY 4135.188
Class Normal DZ 11341.748 Code GRD
Mthd Phase Diff. H.pr 0.040 V.pr 0.092

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 20 HDOP max 0.6
Monitor status Yes VDOP max 1.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 408524.0 End wk 1081 sec 408543.0

GPSVEC TP Point ID 2560 DX 9620.602 DY 4142.630
Class Normal DZ 11348.183 Code GRD
Mthd Phase Diff. H.pr 0.034 V.pr 0.080

GPSQC1 NM Min SVs 6 PDOP max 1.6
Total GPS pos 16 HDOP max 0.6
Monitor status Yes VDOP max 1.4
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 408568.0 End wk 1081 sec 408583.0

GPSVEC TP Point ID 2561 DX 9613.845 DY 4150.298
Class Normal DZ 11354.132 Code GRD
Mthd Phase Diff. H.pr 0.033 V.pr 0.077

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 36 HDOP max 0.4
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 408598.0 End wk 1081 sec 408634.0

GPSVEC TP Point ID 2562 DX 9610.431 DY 4152.640
Class Normal DZ 11357.018 Code GRD
Mthd Phase Diff. H.pr 0.032 V.pr 0.076

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 27 HDOP max 0.5
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 408657.0 End wk 1081 sec 408683.0

GPSVEC TP Point ID 2563 DX 9606.935 DY 4157.722
Class Normal DZ 11359.547 Code GRD
Mthd Phase Diff. H.pr 0.031 V.pr 0.074

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 35 HDOP max 0.4
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 408707.0 End wk 1081 sec 408741.0

GPSVEC TP Point ID 2564 DX 9599.278 DY 4164.991
Class Normal DZ 11366.701 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.065

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 19 HDOP max 0.6
Monitor status Yes VDOP max 1.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 408760.0 End wk 1081 sec 408778.0

GPSVEC TP Point ID 2565 DX 9588.745 DY 4176.164
Class Normal DZ 11376.064 Code GRD
Mthd Phase Diff. H.pr 0.030 V.pr 0.071

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 21 HDOP max 0.5
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 408795.0 End wk 1081 sec 408815.0

GPSVEC TP Point ID 2566 DX 9585.190 DY 4178.111
Class Normal DZ 11378.482 Code GRD
Mthd Phase Diff. H.pr 0.037 V.pr 0.088

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 39 HDOP max 0.4
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 408831.0 End wk 1081 sec 408871.0

GPSVEC TP Point ID 2567 DX 9580.638 DY 4183.492
Class Normal DZ 11383.167 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.056

GPSQC1 NM Min SVs 6 PDOP max 1.4
Total GPS pos 16 HDOP max 0.5
Monitor status Yes VDOP max 1.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 408892.0 End wk 1081 sec 408910.0

GPSVEC TP Point ID 2568 DX 9576.700 DY 4188.614
Class Normal DZ 11386.104 Code GRD
Mthd Phase Diff. H.pr 0.032 V.pr 0.076

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 23 HDOP max 0.5
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 408929.0 End wk 1081 sec 408951.0

GPSVEC TP Point ID 2569 DX 9565.536 DY 4200.122
Class Normal DZ 11396.031 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.060

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 27 HDOP max 0.4
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 408975.0 End wk 1081 sec 409002.0

GPSVEC TP Point ID 2570 DX 9562.453 DY 4201.747
Class Normal DZ 11399.396 Code GRD
Mthd Phase Diff. H.pr 0.033 V.pr 0.080

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 25 HDOP max 0.4
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 409020.0 End wk 1081 sec 409046.0

GPSVEC TP Point ID 2571 DX 9557.507 DY 4213.765
Class Normal DZ 11401.686 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.056

GPSQC1 NM Min SVs 6 PDOP max 0.9
Total GPS pos 37 HDOP max 0.3
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 409078.0 End wk 1081 sec 409119.0

GPSVEC TP Point ID 2572 DX 9547.284 DY 4223.574
Class Normal DZ 11410.070 Code GRD
Mthd Phase Diff. H.pr 0.031 V.pr 0.083

GPSQC1 NM Min SVs 5 PDOP max 1.2
Total GPS pos 27 HDOP max 0.4
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 409140.0 End wk 1081 sec 409167.0

NOTE TS Time Date 09/28/2000 Time 17:40:35

GPSVEC TP Point ID 2573 DX 9537.713 DY 4234.336
Class Normal DZ 11418.973 Code GRD
Mthd Phase Diff. H.pr 0.030 V.pr 0.072

GPSQC1 NM Min SVs 6 PDOP max 0.8
Total GPS pos 50 HDOP max 0.3
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 409196.0 End wk 1081 sec 409246.0

GPSVEC TP Point ID 2574 DX 9523.560 DY 4250.028
Class Normal DZ 11432.053 Code GRD
Mthd Phase Diff. H.pr 0.034 V.pr 0.082

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 21 HDOP max 0.4
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 409276.0 End wk 1081 sec 409297.0

GPSVEC TP Point ID 2575 DX 9519.978 DY 4254.466
Class Normal DZ 11432.037 Code E/WTR
Mthd Phase Diff. H.pr 0.028 V.pr 0.068

GPSQC1 NM Min SVs 6 PDOP max 1.1
Total GPS pos 17 HDOP max 0.4
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 409409.0 End wk 1081 sec 409426.0

INIT KI Init event Lost(RMS) Week 1081
Init type On the fly seconds 409491.0
Init counter 2 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

SURVEY EVENTKISurvey event Communications error

```
INIT   KI  Init event   Lost(RMS)        Week        1081
        Init type    On the fly        seconds      409530.0
        Init counter  2                Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

INIT   KI  Init event   Gained           Week        1081
        Init type    On the fly        seconds      410019.0
        Init counter  3                Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

GPSVEC  TP  Point ID 244        DX   10437.686        DY   4255.667
        Class Normal        DZ   11975.409        Code sg 145+00e nr
        Mthd Phase Diff.    H.pr 0.011           V.pr 0.075

GPSQC1  NM  Min SVs       5              PDOP max  2.1
        Total GPS pos  18              HDOP max  0.3
        Monitor status Yes             VDOP max  2.1
        Horizontal SD  0.000            Vert SD   0.000
        Start wk 1081 sec 410170.0       End wk 1081   sec 410237.0

INIT   KI  Init event   Lost(RMS)        Week        1081
        Init type    On the fly        seconds      410251.0
        Init counter  3                Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

SURVEY EVENTKISurvey event Error while setting receiver mode

INIT   KI  Init event   Gained           Week        1081
        Init type    On the fly        seconds      410409.0
        Init counter  4                Point ID     <no text>
        Survey type   Real Time          Plate H. Dist <null>
        Plate V. Dist <null>            Plate azimuth <null>

GPSVEC  TP  Point ID 245        DX   10437.647        DY   4255.638
        Class Normal        DZ   11975.500        Code SG 145+00E NR
        Mthd Phase Diff.    H.pr 0.013           V.pr 0.070

GPSQC1  NM  Min SVs       5              PDOP max  2.4
        Total GPS pos  7               HDOP max  0.4
        Monitor status Yes             VDOP max  2.4
        Horizontal SD  0.000            Vert SD   0.000
        Start wk 1081 sec 410465.0       End wk 1081   sec 410502.0
```

GPSVEC TP Point ID 2576 DX 10437.932 DY 4260.865
Class Normal DZ 11975.418 Code TOE LEVEE
Mthd Phase Diff. H.pr 0.017 V.pr 0.088

GPSQC1 NM Min SVs 5 PDOP max 2.3
Total GPS pos 7 HDOP max 0.4
Monitor status Yes VDOP max 2.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 410551.0 End wk 1081 sec 410562.0

GPSVEC TP Point ID 2577 DX 10435.404 DY 4269.097
Class Normal DZ 11982.890 Code GRD E/SWMP
Mthd Phase Diff. H.pr 0.008 V.pr 0.042

GPSQC1 NM Min SVs 5 PDOP max 2.9
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 2.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 410586.0 End wk 1081 sec 410589.0

INIT KI Init event Lost(RMS) Week 1081
Init type On the fly seconds 410616.0
Init counter 4 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

NOTE TS Time Date 09/28/2000 Time 19:04:19

SURVEY EVENTKISurvey event Communications error

INIT KI Init event Lost(RMS) Week 1081
Init type On the fly seconds 414274.0
Init counter 4 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1081
Init type On the fly seconds 414317.0
Init counter 5 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 246 DX 9237.736 DY 4335.601
Class Normal DZ 11395.653 Code SG 135+00W NR
Mthd Phase Diff. H.pr 0.028 V.pr 0.047

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 414795.0 End wk 1081 sec 414798.0

INIT KI Init event Lost Week 1081
Init type On the fly seconds 414803.0
Init counter 5 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1081
Init type On the fly seconds 414868.0
Init counter 6 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 247 DX 9237.779 DY 4335.579
Class Normal DZ 11395.651 Code SG 135+00W NR
Mthd Phase Diff. H.pr 0.022 V.pr 0.036

GPSQC1 NM Min SVs 6 PDOP max 0.8
Total GPS pos 5 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 414873.0 End wk 1081 sec 414878.0

GPSVEC TP Point ID 2578 DX 9241.838 DY 4335.715
Class Normal DZ 11391.091 Code TOE LEVEE
Mthd Phase Diff. H.pr 0.035 V.pr 0.056

GPSQC1 NM Min SVs 6 PDOP max 1.2
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 414913.0 End wk 1081 sec 414915.0

NOTE KI LINE. Name: 28, Code: , Method: Two points, Start pt: 246,

NOTE KI End pt: 176, Azimuth: 309.616°, Length: 14.806ft,

NOTE KI Grade: 38.233°

GPSVEC TP Point ID 2579 DX 9252.477 DY 4324.472
Class Normal DZ 11380.671 Code GRD
Mthd Phase Diff. H.pr 0.029 V.pr 0.050

GPSQC1 NM Min SVs 6 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 414974.0 End wk 1081 sec 414977.0

GPSVEC TP Point ID 2580 DX 9259.009 DY 4317.840
Class Normal DZ 11375.646 Code GRD
Mthd Phase Diff. H.pr 0.039 V.pr 0.052

GPSQC1 NM Min SVs 6 PDOP max 0.9
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 415025.0 End wk 1081 sec 415028.0

GPSVEC TP Point ID 2581 DX 9262.327 DY 4317.100
Class Normal DZ 11372.663 Code E/WTR
Mthd Phase Diff. H.pr 0.033 V.pr 0.052

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 415081.0 End wk 1081 sec 415084.0

INIT KI Init event Lost Week 1081
Init type On the fly seconds 415113.0
Init counter 6 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

NOTE TS Time Date 09/28/2000 Time 19:44:31

SURVEY EVENTKISurvey event Communications error

INIT KI Init event Lost Week 1081
Init type On the fly seconds 416686.0
Init counter 6 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1081
Init type On the fly seconds 417030.0
Init counter 7 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 248 DX 9988.032 DY 4503.106
Class Normal DZ 12062.217 Code SG 145+00W NR
Mthd Phase Diff. H.pr 0.024 V.pr 0.043

GPSQC1 NM Min SVs 6 PDOP max 0.7
Total GPS pos 9 HDOP max 0.3
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 417161.0 End wk 1081 sec 417171.0

INIT KI Init event Lost Week 1081
Init type On the fly seconds 417178.0
Init counter 7 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1081
Init type On the fly seconds 417230.0
Init counter 8 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 249 DX 9987.990 DY 4503.045
Class Normal DZ 12062.193 Code SG 145+00W NR
Mthd Phase Diff. H.pr 0.024 V.pr 0.045

GPSQC1 NM Min SVs 5 PDOP max 0.7
Total GPS pos 14 HDOP max 0.3
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 417257.0 End wk 1081 sec 417271.0

NOTE KI LINE. Name: 29, Code: , Method: Two points, Start pt: 248,

NOTE KI End pt: 178, Azimuth: 307.852°, Length: 15.179ft,

NOTE KI Grade: 38.438°

GPSVEC TP Point ID 2582 DX 9991.211 DY 4504.126
Class Normal DZ 12058.443 Code TOE LEVEE
Mthd Phase Diff. H.pr 0.029 V.pr 0.055

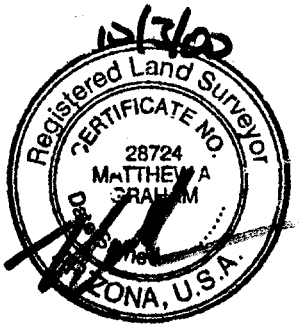
GPSQC1 NM Min SVs 5 PDOP max 1.3
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1081 sec 417371.0 End wk 1081 sec 417374.0

INIT KI Init event Lost Week 1081
Init type On the fly seconds 417382.0
Init counter 8 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

Final Coordinate List
(Arizona State Plane, Central Zone
NAD83 and NAVD88 Datums)
For the
Land Subsidence Evaluation of the Upper Agua Fria
Levees
FCD Contract No. 99-067, Assignment 1
Portions of Tasks 3, 4 and 5
(Indian School Road to Northern Avenue)

Surveyed By;
SurvNet, Inc.
150 N. Stapley #105
Mesa, AZ 85203
(480)835-9070

Provided for:
Premier Engineering Corporation
1600 W. Broadway Rd. #165
Tempe, AZ 85282
(480)829-6000



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338	907139.399	581104.136	1016.105	ERM 14
339	912410.195	578489.578	1028.419	ERM 17
340	917711.846	575891.982	1038.238	ERM 19
341	923131.271	591597.507	1068.827	RM 30
342	922919.135	584964.493	1066.305	RM 25
343	912510.031	583597.889	1034.884	RM 18
344	915267.538	586217.785	1034.822	RM 2
345	912396.169	581104.417	1040.448	RM 10
346	908891.136	581177.448	1022.931	10+00E CRS
347	909870.249	581390.640	1023.180	20+00E CRS
348	910852.378	581616.163	1024.234	30+00E CRS
349	911840.700	581817.855	1026.927	40+00E CRS
350	912553.276	582355.869	1032.233	10+75E CRN
351	913502.984	582355.608	1032.933	20+00E CRN
352	914451.880	582695.266	1034.764	30+00E CRN
353	914916.173	583468.012	1038.419	40+00E CRN
354	915647.502	584184.086	1041.150	50+00E CRN
355	916393.552	584894.109	1043.837	60+00E CRN
356	917142.745	585603.764	1045.711	70+00E CRN
357	928323.764	591602.643	1078.836	RM 8
358	920062.903	587015.589	1053.990	65+00E NR
359	920755.108	587560.567	1055.653	75+00E NR
360	921547.085	588185.735	1056.851	85+00E NR
361	922513.511	588828.105	1060.025	95+00E NR
362	920134.832	586478.716	1052.677	65+00W NR
363	920938.487	587078.868	1055.110	75+00W NR
364	921724.983	587701.511	1056.692	85+00W NR
365	922520.384	588307.290	1058.630	95+00W NR
366	923489.374	588376.531	1067.141	105+00W NR
367	924490.223	588286.756	1069.554	115+00W NR
368	925391.755	588703.066	1069.698	125+00W NR
369	926180.599	589330.205	1071.245	135+00W NR
370	926976.549	589963.093	1073.679	145+00W NR
371	927818.047	590524.071	1075.651	155+00W NR
372	927668.885	590969.727	1075.913	155+00E NR
373	923515.233	588884.472	1067.228	105+00E NR
374	924515.976	588888.234	1068.508	115+00E NR
375	925240.425	589191.201	1070.315	125+00E NR
376	926055.940	589838.970	1071.970	135+00E NR
377	926851.746	590492.897	1074.609	145+00E NR
378	928268.862	590561.444	1088.769	MCHD BC T/WL SWC NTH BR
379	907211.335	579320.986	1024.552	ADOT BC T/W NEC IN SCH BR
380	908895.063	581170.890	1017.610	SG 10+00E CRS
381	909872.548	581383.519	1017.587	SG 20+00E CRS
382	910854.330	581607.106	1018.004	SG 30+00E CRS
383	911843.882	581802.876	1013.861	SG 40+00E CRS
384	920073.205	587002.386	1040.015	SG 65+00E NR
385	920764.118	587549.416	1043.330	SG 75+00E NR
386	922514.237	588319.297	1048.268	SG 95+00W NR
387	922517.532	588815.313	1048.732	SG 95+00E NR
388	920125.974	586492.964	1039.917	SG 65+00W NR
389	921556.196	588174.228	1045.449	SG 85+00E NR
390	920928.496	587091.354	1042.223	SG 75+00W NR
391	921716.214	587712.479	1046.581	SG 85+00W NR
392	923492.368	588393.330	1053.671	SG 105+00W NR
393	924517.470	588873.929	1056.687	SG 115+00E NR

394	924489.839	588303.821	1055.593	SG 115+00W NR
395	925382.069	588714.676	1057.781	SG 125+00W NR
396	925250.076	589179.547	1058.035	SG 125+00E NR
397	927814.174	590538.857	1063.496	SG 155+00W NR
398	927672.321	590955.180	1064.007	SG 155+00E NR
399	926065.172	589827.343	1059.896	SG 135+00E NR
400	926860.816	590484.539	1062.464	SG 145+00E NR
401	926171.159	589341.636	1059.575	SG 135+00W NR
402	926967.203	589975.084	1061.663	SG 145+00W NR
2001	908891.989	581176.406	1022.853	TOP LEVEE
2001	908891.989	581176.406	1022.853	TOP LEVEE
2002	909870.605	581389.504	1023.065	TOP LEVEE
2002	909870.605	581389.504	1023.065	TOP LEVEE
2003	910853.089	581614.016	1024.074	TOP LEVEE
2004	911841.325	581816.229	1026.806	TOP LEVEE
2005	912553.359	582353.609	1032.137	TOP LEVEE
2005	912553.359	582353.609	1032.137	TOP LEVEE
2006	913503.284	582352.526	1032.781	TOP LEVEE
2007	914453.236	582693.866	1034.603	TOP LEVEE
2008	914918.015	583466.651	1038.294	TOP LEVEE
2009	915649.222	584182.394	1041.006	TOP LEVEE
2009	915649.222	584182.394	1041.006	TOP LEVEE
2010	916395.156	584892.927	1043.724	TOP LEVEE
2011	917144.714	585601.539	1045.626	TOP LEVEE
2012	920064.629	587013.750	1053.711	TOP LEVEE
2013	920756.363	587558.919	1055.507	TOP LEVEE
2014	921548.530	588183.956	1056.624	TOP LEVEE
2015	922514.391	588825.671	1059.809	TOP LEVEE
2015	922514.391	588825.671	1059.809	TOP LEVEE
2016	920132.837	586481.360	1052.410	TOP LEVEE
2016	920132.837	586481.360	1052.410	TOP LEVEE
2017	920937.009	587080.782	1054.988	TOP LEVEE
2017	920937.009	587080.782	1054.988	TOP LEVEE
2018	921723.207	587704.180	1056.378	TOP LEVEE
2019	922519.080	588309.788	1058.401	TOP LEVEE
2019	922519.080	588309.788	1058.401	TOP LEVEE
2020	923489.789	588380.159	1067.024	TOP LEVEE
2021	924490.156	588289.583	1069.418	TOP LEVEE
2022	925390.433	588704.599	1069.501	TOP LEVEE
2022	925390.433	588704.599	1069.501	TOP LEVEE
2023	926178.694	589332.527	1071.056	TOP LEVEE
2024	926974.925	589965.219	1073.471	TOP LEVEE
2025	927817.155	590526.885	1075.518	TOP LEVEE
2025	927817.155	590526.885	1075.518	TOP LEVEE
2026	927669.836	590966.860	1075.799	TOP LEVEE
2027	923515.607	588882.425	1066.978	TOP LEVEE
2027	923515.607	588882.425	1066.978	TOP LEVEE
2028	925242.731	589188.851	1070.060	TOP LEVEE
2029	924516.479	588885.123	1068.221	TOP LEVEE
2030	926057.353	589836.845	1071.799	TOP LEVEE
2031	926854.087	590491.305	1074.527	TOP LEVEE
2032	908897.761	581167.084	1014.160	TOE LEVEE
2033	908901.892	581160.861	1013.421	GRD
2034	908911.243	581147.041	1012.169	GRD
2034	908911.243	581147.041	1012.169	GRD
2035	908921.143	581133.247	1011.450	GRD
2035	908921.143	581133.247	1011.450	GRD

2036	908927.488	581123.523	1011.402	GRD
2036	908927.488	581123.523	1011.402	GRD
2037	908930.157	581119.470	1010.778	GRD
2038	908936.711	581109.978	1010.714	GRD
2039	908943.375	581100.601	1007.924	GRD
2040	908949.399	581091.971	1007.068	GRD
2041	908956.188	581081.676	1007.659	GRD
2042	908962.937	581071.525	1001.971	GRD
2042	908962.937	581071.525	1001.971	GRD
2043	908966.498	581066.646	1000.177	GRD
2043	908966.498	581066.646	1000.177	GRD
2044	908973.828	581056.181	999.904	GRD
2045	908985.608	581038.637	999.945	GRD
2045	908985.608	581038.637	999.945	GRD
2046	908997.244	581021.847	999.941	GRD
2047	909008.438	581005.526	999.770	GRD
2048	909019.370	580989.562	999.976	GRD
2049	909030.490	580973.370	999.949	GRD
2050	909041.782	580956.797	999.787	GRD
2050	909041.782	580956.797	999.787	GRD
2051	909053.165	580939.960	999.595	GRD
2051	909053.165	580939.960	999.595	GRD
2052	909065.016	580922.725	999.643	GRD
2052	909065.016	580922.725	999.643	GRD
2053	909873.096	581381.943	1015.678	TOE LEVEE
2053	909873.096	581381.943	1015.678	TOE LEVEE
2054	909877.303	581368.961	1014.425	GRD
2055	909882.982	581351.392	1014.221	GRD
2055	909882.982	581351.392	1014.221	GRD
2056	909888.617	581334.395	1014.629	GRD
2057	909890.717	581326.933	1014.024	GRD
2058	909895.108	581313.256	1009.189	GRD
2058	909895.108	581313.256	1009.189	GRD
2059	909899.280	581300.312	1005.187	GRD
2060	909903.801	581287.024	1001.284	GRD
2061	909908.561	581271.776	999.130	GRD
2061	909908.561	581271.776	999.130	GRD
2062	909915.420	581250.976	1000.013	GRD
2062	909915.420	581250.976	1000.013	GRD
2063	909921.726	581231.478	1001.063	GRD
2064	909927.851	581212.188	1001.529	GRD
2064	909927.851	581212.188	1001.529	GRD
2065	909934.023	581192.811	1002.054	GRD
2065	909934.023	581192.811	1002.054	GRD
2066	909940.037	581174.284	1003.086	GRD
2067	909946.137	581155.287	1002.921	GRD
2068	909952.437	581136.030	1002.388	GRD
2068	909952.437	581136.030	1002.388	GRD
2069	909958.495	581117.435	1001.290	GRD
2069	909958.495	581117.435	1001.290	GRD
2070	909960.247	581111.896	999.760	GRD
2071	909962.501	581105.331	999.476	GRD
2071	909962.501	581105.331	999.476	GRD
2072	909963.490	581102.161	1000.198	GRD
2073	909964.993	581097.590	1000.251	GRD
2074	910854.780	581605.639	1014.817	TOE LEVEE
2074	910854.780	581605.639	1014.817	TOE LEVEE

2075	910855.727	581600.254	1014.483	GRD
2075	910855.727	581600.254	1014.483	GRD
2076	910858.456	581587.526	1014.650	GRD
2077	910860.935	581575.525	1014.565	GRD
2078	910864.726	581558.555	1015.109	GRD
2079	910866.890	581547.415	1013.155	GRD
2080	910870.140	581533.533	1008.977	GRD
2081	910871.737	581525.024	1006.169	GRD
2082	910872.701	581520.872	1005.404	GRD
2083	910875.505	581508.279	1000.788	GRD
2084	910878.905	581492.128	1001.194	GRD
2084	910878.905	581492.128	1001.194	GRD
2085	910882.223	581475.616	999.842	GRD
2086	910885.553	581460.580	997.807	GRD
2086	910885.553	581460.580	997.807	GRD
2087	910887.482	581450.848	997.336	GRD
2087	910887.482	581450.848	997.336	GRD
2088	910891.832	581431.094	997.450	GRD
2089	910895.941	581411.454	997.856	GRD
2090	910900.058	581392.156	997.940	GRD
2091	910904.520	581372.368	998.231	GRD
2092	910908.601	581352.770	999.072	GRD
2093	910912.851	581333.296	999.361	GRD
2094	910916.955	581313.479	999.772	GRD
2094	910916.955	581313.479	999.772	GRD
2095	911844.734	581800.783	1010.774	FC/LEVEE
2096	911845.058	581797.676	1006.822	TOE LEVEE
2097	911846.127	581791.403	1006.870	GRD
2098	911847.710	581784.356	1009.153	GRD
2098	911847.710	581784.356	1009.153	GRD
2099	911849.720	581775.520	1007.835	GRD
2100	911851.313	581766.362	1009.121	GRD
2101	911854.245	581753.472	1009.250	GRD
2101	911854.245	581753.472	1009.250	GRD
2102	911856.802	581741.469	1009.529	GRD
2102	911856.802	581741.469	1009.529	GRD
2103	911859.420	581728.528	1007.951	GRD
2104	911861.340	581720.845	1007.925	GRD
2104	911861.340	581720.845	1007.925	GRD
2105	911862.896	581713.027	1009.616	GRD
2105	911862.896	581713.027	1009.616	GRD
2106	911865.557	581700.989	1010.305	GRD
2107	911868.147	581687.745	1010.674	GRD
2108	911871.769	581671.596	1009.933	GRD
2109	911874.764	581657.612	1008.905	GRD
2110	911877.873	581642.824	1008.941	GRD
2111	911879.709	581633.009	1006.983	GRD
2112	911883.649	581616.419	1007.422	GRD
2113	911885.745	581607.642	1012.276	GRD
2114	911889.618	581588.749	1015.899	GRD
2114	911889.618	581588.749	1015.899	GRD
2115	911891.888	581577.986	1017.222	GRD
2115	911891.888	581577.986	1017.222	GRD
2116	911895.704	581558.818	1017.267	GRD
2117	911898.685	581545.422	1018.602	GRD
2118	911901.965	581529.199	1018.753	GRD
2118	911901.965	581529.199	1018.753	GRD

2119	911906.189	581509.278	1018.742	GRD
2119	911906.189	581509.278	1018.742	GRD
2120	912553.458	582349.236	1028.555	TOE LEVEE
2121	912553.881	582329.517	1027.856	GRD
2122	912554.177	582310.240	1026.733	GRD
2122	912554.177	582310.240	1026.733	GRD
2123	912554.847	582289.804	1026.560	GRD
2124	912555.643	582273.186	1026.383	GRD
2124	912555.643	582273.186	1026.383	GRD
2125	912556.193	582251.973	1025.043	GRD
2126	912557.035	582232.476	1024.992	GRD
2127	912558.075	582221.300	1024.865	GRD
2127	912558.075	582221.300	1024.865	GRD
2128	912557.868	582212.076	1024.154	GRD
2129	912559.992	582190.061	1023.976	GRD
2129	912559.992	582190.061	1023.976	GRD
2130	912558.060	582169.687	1023.957	GRD
2131	912558.841	582150.663	1023.984	GRD
2132	912559.492	582140.659	1023.408	GRD
2133	912560.038	582123.139	1024.022	GRD
2134	912560.989	582104.504	1024.398	GRD
2134	912560.989	582104.504	1024.398	GRD
2135	912564.401	582086.001	1024.223	GRD
2136	912568.684	582070.187	1024.121	GRD
2137	912569.414	582048.751	1024.129	GRD
2137	912569.414	582048.751	1024.129	GRD
2138	913503.151	582348.791	1030.228	TOE LEVEE
2139	913502.591	582328.928	1029.545	GRD
2140	913501.608	582309.282	1029.044	GRD
2141	913501.044	582291.461	1028.607	GRD
2142	913500.418	582274.381	1027.670	GRD
2143	913499.908	582254.584	1027.192	GRD
2143	913499.908	582254.584	1027.192	GRD
2144	913499.198	582234.957	1026.823	GRD
2144	913499.198	582234.957	1026.823	GRD
2145	913498.419	582215.565	1026.802	GRD
2145	913498.419	582215.565	1026.802	GRD
2146	913497.949	582204.417	1026.964	GRD
2146	913497.949	582204.417	1026.964	GRD
2147	913497.156	582185.476	1026.613	GRD
2147	913497.156	582185.476	1026.613	GRD
2148	913496.422	582169.035	1026.705	GRD
2149	913495.952	582151.074	1028.038	GRD
2150	913495.451	582138.399	1028.200	GRD
2151	913495.504	582132.264	1027.724	GRD
2151	913495.504	582132.264	1027.724	GRD
2152	913494.724	582112.186	1027.408	GRD
2153	913493.708	582092.336	1027.660	GRD
2153	913493.708	582092.336	1027.660	GRD
2154	913493.575	582073.144	1023.670	GRD
2155	913492.895	582061.441	1021.894	GRD
2155	913492.895	582061.441	1021.894	GRD
2156	913492.494	582048.783	1021.207	GRD
2157	914456.017	582691.375	1031.242	TOE LEVEE
2157	914456.017	582691.375	1031.242	TOE LEVEE
2158	914470.783	582677.544	1031.325	GRD
2158	914470.783	582677.544	1031.325	GRD

2159	914484.973	582664.272	1031.011	GRD
2160	914499.523	582650.482	1030.692	GRD
2161	914514.418	582636.355	1030.406	GRD
2161	914514.418	582636.355	1030.406	GRD
2162	914529.627	582622.097	1029.876	GRD
2163	914543.380	582609.339	1029.396	GRD
2164	914558.137	582595.413	1029.079	GRD
2165	914572.575	582581.734	1029.058	GRD
2166	914587.176	582568.124	1029.287	GRD
2167	914602.084	582554.109	1029.405	GRD
2168	914616.628	582540.827	1029.197	GRD
2169	914630.964	582527.075	1029.174	GRD
2170	914645.390	582513.586	1029.207	GRD
2170	914645.390	582513.586	1029.207	GRD
2171	914660.377	582499.555	1029.402	GRD
2172	914674.830	582485.893	1029.430	GRD
2173	914923.941	583462.601	1032.845	TOE LEVEE
2173	914923.941	583462.601	1032.845	TOE LEVEE
2174	914940.017	583451.512	1033.221	GRD
2175	914956.414	583440.413	1032.530	GRD
2175	914956.414	583440.413	1032.530	GRD
2176	914973.501	583428.571	1032.058	GRD
2177	914990.002	583417.304	1031.763	GRD
2177	914990.002	583417.304	1031.763	GRD
2178	915006.550	583406.408	1031.910	GRD
2179	915023.131	583394.578	1031.728	GRD
2180	915039.819	583383.506	1031.579	GRD
2180	915039.819	583383.506	1031.579	GRD
2181	915055.939	583372.225	1031.307	GRD
2182	915072.808	583360.953	1030.875	GRD
2183	915089.202	583349.784	1030.725	GRD
2184	915105.900	583337.916	1030.039	GRD
2185	915122.076	583327.171	1029.431	GRD
2186	915138.407	583315.729	1028.908	GRD
2187	915155.023	583304.651	1028.411	GRD
2188	915171.931	583293.394	1028.095	GRD
2188	915171.931	583293.394	1028.095	GRD
2189	915653.718	584177.810	1034.782	TOP LEVEE
2189	915653.718	584177.810	1034.782	TOP LEVEE
2190	915667.681	584163.578	1034.066	GRD
2190	915667.681	584163.578	1034.066	GRD
2191	915681.579	584149.390	1033.483	GRD
2192	915695.539	584135.133	1033.293	GRD
2193	915709.696	584120.559	1033.130	GRD
2193	915709.696	584120.559	1033.130	GRD
2194	915723.916	584106.266	1033.009	GRD
2195	915737.254	584092.411	1032.802	GRD
2195	915737.254	584092.411	1032.802	GRD
2196	915751.475	584077.842	1032.308	GRD
2196	915751.475	584077.842	1032.308	GRD
2197	915765.439	584063.711	1031.851	GRD
2198	915779.905	584049.462	1031.229	GRD
2199	915793.629	584035.020	1030.946	GRD
2200	915807.717	584020.676	1030.662	GRD
2200	915807.717	584020.676	1030.662	GRD
2201	915821.874	584006.500	1030.421	GRD
2202	915835.767	583992.327	1030.151	GRD

2203	915849.850	583978.030	1029.753	GRD
2204	915863.957	583963.589	1029.379	GRD
2204	915863.957	583963.589	1029.379	GRD
2205	916400.265	584887.222	1037.730	TOE LEVEE
2205	916400.265	584887.222	1037.730	TOE LEVEE
2206	916413.604	584872.227	1036.944	GRD
2206	916413.604	584872.227	1036.944	GRD
2207	916426.980	584857.445	1036.794	GRD
2208	916440.331	584842.607	1036.463	GRD
2209	916453.532	584827.573	1035.968	GRD
2209	916453.532	584827.573	1035.968	GRD
2210	916466.876	584812.800	1036.101	GRD
2211	916480.144	584798.124	1035.794	GRD
2212	916493.378	584783.148	1035.084	GRD
2213	916507.114	584768.023	1035.042	GRD
2213	916507.114	584768.023	1035.042	GRD
2214	916520.451	584752.992	1035.109	GRD
2214	916520.451	584752.992	1035.109	GRD
2215	916533.243	584738.374	1035.434	GRD
2216	916546.816	584723.569	1034.539	GRD
2217	916560.383	584708.713	1034.088	GRD
2217	916560.383	584708.713	1034.088	GRD
2218	916573.459	584693.791	1032.692	GRD
2219	916587.151	584678.565	1032.706	GRD
2220	916600.460	584663.672	1032.343	GRD
2221	917148.206	585597.901	1040.752	TOE LEVEE
2222	917161.976	585583.507	1040.873	GRD
2223	917175.822	585569.129	1041.078	GRD
2224	917189.592	585554.790	1040.930	GRD
2225	917203.710	585540.391	1040.615	GRD
2226	917217.362	585525.818	1040.966	GRD
2226	917217.362	585525.818	1040.966	GRD
2227	917231.229	585511.450	1041.424	GRD
2228	917245.009	585496.970	1041.807	GRD
2229	917258.777	585482.797	1040.643	GRD
2230	917272.947	585468.046	1040.071	GRD
2231	917286.966	585453.344	1040.004	GRD
2232	917300.629	585438.986	1040.787	GRD
2233	917314.232	585424.859	1040.582	GRD
2233	917314.232	585424.859	1040.582	GRD
2234	917327.946	585410.338	1040.553	GRD
2235	917342.097	585396.207	1040.479	GRD
2235	917342.097	585396.207	1040.479	GRD
2236	917349.272	585388.538	1040.800	GRD
2237	917353.125	585384.321	1042.191	GRD
2238	917356.915	585380.368	1044.836	GRD
2239	917367.481	585369.401	1049.074	GRD
2240	922512.112	588323.082	1043.850	TOE LEVEE
2241	922505.173	588337.547	1043.395	GRD
2242	922496.304	588354.239	1043.346	GRD
2243	922486.973	588372.576	1043.302	GRD
2244	922482.872	588380.621	1043.810	GRD
2245	922477.262	588391.493	1043.762	GRD
2246	922468.656	588408.066	1043.595	GRD
2247	922459.659	588426.045	1043.768	GRD
2248	922450.515	588443.874	1044.035	GRD
2249	922441.517	588462.523	1044.233	GRD

2249	922441.517	588462.523	1044.233	GRD
2250	922432.279	588479.183	1044.247	GRD
2251	922423.719	588496.560	1044.338	GRD
2252	922414.811	588513.605	1043.866	GRD
2252	922414.811	588513.605	1043.866	GRD
2253	922409.735	588522.843	1043.444	GRD
2253	922409.735	588522.843	1043.444	GRD
2254	922405.728	588531.153	1044.007	GRD
2254	922405.728	588531.153	1044.007	GRD
2255	922395.399	588550.972	1043.847	GRD
2256	922386.844	588567.890	1044.288	GRD
2257	922377.502	588586.378	1044.262	GRD
2257	922377.502	588586.378	1044.262	GRD
2258	922518.998	588811.404	1044.435	TOE LEVEE
2258	922518.998	588811.404	1044.435	TOE LEVEE
2259	922523.551	588796.711	1044.125	GRD
2260	922529.348	588778.406	1044.381	GRD
2261	922534.775	588760.819	1044.774	GRD
2262	922541.704	588739.212	1044.323	GRD
2263	922547.522	588719.785	1044.448	GRD
2263	922547.522	588719.785	1044.448	GRD
2264	922553.716	588700.241	1044.416	GRD
2264	922553.716	588700.241	1044.416	GRD
2265	922561.420	588675.655	1044.503	GRD
2266	922563.909	588664.390	1050.398	GRD
2267	922566.491	588659.499	1048.562	GRD
2268	922571.778	588643.336	1047.605	GRD
2269	922578.494	588624.074	1047.062	GRD
2270	922582.225	588610.600	1046.393	GRD
2271	922584.462	588604.502	1045.401	GRD
2272	922587.651	588591.858	1044.133	GRD
2272	922587.651	588591.858	1044.133	GRD
2273	922592.076	588579.699	1044.134	GRD
2274	922596.489	588565.361	1043.908	GRD
2275	922601.653	588547.995	1044.344	GRD
2276	922607.700	588529.093	1044.343	GRD
2276	922607.700	588529.093	1044.343	GRD
2277	920075.941	586998.713	1035.598	TOE LEVEE
2277	920075.941	586998.713	1035.598	TOE LEVEE
2278	920085.068	586987.048	1035.400	GRD
2278	920085.068	586987.048	1035.400	GRD
2279	920097.805	586970.864	1036.035	GRD
2280	920110.228	586955.109	1035.496	GRD
2281	920122.383	586939.153	1035.455	GRD
2282	920134.649	586923.673	1035.541	GRD
2282	920134.649	586923.673	1035.541	GRD
2283	920138.703	586918.376	1035.380	GRD
2283	920138.703	586918.376	1035.380	GRD
2284	920141.490	586914.332	1034.766	GRD
2285	920144.809	586910.136	1035.401	GRD
2286	920152.150	586899.918	1039.705	GRD
2287	920158.803	586892.967	1036.387	GRD
2288	920164.807	586884.220	1037.818	GRD
2289	920173.489	586873.294	1038.151	GRD
2289	920173.489	586873.294	1038.151	GRD
2290	920175.300	586870.917	1036.696	GRD
2290	920175.300	586870.917	1036.696	GRD

2291	920184.379	586860.051	1037.055	GRD
2291	920184.379	586860.051	1037.055	GRD
2292	920195.900	586844.469	1037.680	GRD
2293	920205.417	586832.837	1038.532	GRD
2294	920208.156	586828.821	1039.215	GRD
2294	920208.156	586828.821	1039.215	GRD
2295	920220.846	586812.847	1039.570	GRD
2295	920220.846	586812.847	1039.570	GRD
2296	920229.255	586802.226	1040.365	GRD
2297	920236.126	586793.369	1034.837	GRD
2298	920244.863	586781.695	1034.128	GRD
2298	920244.863	586781.695	1034.128	GRD
2299	920257.662	586765.764	1034.038	GRD
2299	920257.662	586765.764	1034.038	GRD
2300	920123.986	586496.136	1035.820	TOE LEVEE
2300	920123.986	586496.136	1035.820	TOE LEVEE
2301	920115.509	586509.451	1034.951	GRD
2301	920115.509	586509.451	1034.951	GRD
2302	920105.579	586525.802	1035.327	GRD
2302	920105.579	586525.802	1035.327	GRD
2303	920094.140	586544.084	1034.903	GRD
2304	920084.361	586560.660	1035.078	GRD
2305	920078.876	586568.936	1035.047	GRD
2305	920078.876	586568.936	1035.047	GRD
2306	920073.707	586576.861	1038.464	GRD
2307	920071.639	586580.437	1037.514	GRD
2308	920069.161	586584.066	1037.488	GRD
2308	920069.161	586584.066	1037.488	GRD
2309	920065.465	586590.953	1040.593	GRD
2309	920065.465	586590.953	1040.593	GRD
2310	920055.556	586606.288	1040.520	GRD
2310	920055.556	586606.288	1040.520	GRD
2311	920052.249	586611.642	1038.363	GRD
2312	920050.514	586614.781	1039.498	GRD
2313	920047.928	586619.189	1037.417	GRD
2313	920047.928	586619.189	1037.417	GRD
2314	920040.551	586631.335	1036.933	GRD
2314	920040.551	586631.335	1036.933	GRD
2315	920037.073	586636.488	1035.826	GRD
2316	920026.935	586652.755	1035.919	GRD
2317	920024.134	586656.750	1037.630	GRD
2318	920018.451	586666.361	1037.694	GRD
2319	920015.791	586671.001	1038.260	GRD
2320	920008.239	586682.799	1038.263	GRD
2321	920000.199	586696.077	1038.587	GRD
2322	919991.072	586710.091	1039.139	GRD
2322	919991.072	586710.091	1039.139	GRD
2323	919984.115	586721.758	1038.800	GRD
2323	919984.115	586721.758	1038.800	GRD
2324	919978.554	586730.106	1038.741	GRD
2324	919978.554	586730.106	1038.741	GRD
2325	919972.699	586739.828	1039.196	GRD
2325	919972.699	586739.828	1039.196	GRD
2326	919968.070	586748.289	1034.998	GRD
2327	920766.491	587546.505	1039.165	TOE LEVEE
2328	920769.848	587542.214	1038.395	GRD
2329	920777.423	587532.722	1038.187	GRD

2329	920777.423	587532.722	1038.187	GRD
2330	920786.218	587521.896	1038.731	GRD
2331	920790.246	587517.221	1038.721	GRD
2331	920790.246	587517.221	1038.721	GRD
2332	920793.682	587512.468	1037.955	GRD
2333	920803.979	587499.555	1037.195	GRD
2334	920814.587	587485.823	1036.457	GRD
2335	920822.993	587476.084	1036.571	GRD
2336	920828.430	587469.394	1035.239	GRD
2336	920828.430	587469.394	1035.239	GRD
2337	920834.942	587461.525	1036.013	GRD
2338	920834.093	587443.996	1036.039	GRD
2339	920838.227	587438.083	1035.584	GRD
2340	920839.304	587425.505	1038.147	GRD
2341	920867.023	587421.070	1038.582	GRD
2342	920877.764	587407.871	1039.068	GRD
2342	920877.764	587407.871	1039.068	GRD
2343	920890.391	587369.841	1038.908	GRD
2344	920896.140	587365.254	1036.788	GRD
2345	920898.973	587363.127	1036.755	GRD
2346	920914.686	587362.400	1033.814	GRD
2347	920924.111	587350.651	1033.579	GRD
2348	920933.864	587338.613	1032.972	GRD
2349	920942.305	587328.798	1034.186	GRD
2350	920947.303	587314.562	1033.873	GRD
2351	920925.676	587094.927	1038.107	TOE LEVEE
2352	920912.815	587111.773	1038.361	GRD
2353	920906.021	587121.116	1044.780	GRD
2354	920880.678	587152.093	1041.673	GRD
2355	920886.138	587145.450	1039.459	GRD
2356	920863.908	587171.567	1040.605	GRD
2357	920857.285	587187.933	1039.881	GRD
2358	920858.265	587194.534	1035.743	GRD
2359	920860.423	587199.020	1035.554	GRD
2360	920802.609	587248.341	1036.394	GRD
2361	920810.540	587242.363	1037.350	GRD
2362	920813.642	587238.305	1038.951	GRD
2363	920823.408	587225.523	1037.396	GRD
2364	920825.490	587207.350	1039.728	GRD
2365	920830.722	587199.380	1039.266	GRD
2366	920835.134	587183.097	1038.997	GRD
2367	920791.273	587261.696	1037.359	GRD
2368	920785.510	587277.732	1036.490	GRD
2369	920770.175	587292.875	1036.483	GRD
2370	920763.899	587298.788	1036.585	GRD
2371	920757.649	587304.079	1035.419	GRD
2372	920750.060	587312.471	1035.896	GRD
2373	920742.579	587324.939	1035.808	GRD
2374	921557.896	588170.488	1040.987	TOE LEVEE
2375	921564.635	588163.340	1040.195	GRD
2376	921577.179	588147.631	1040.882	GRD
2377	921592.060	588129.460	1041.599	GRD
2378	921605.191	588112.386	1041.474	GRD
2379	921617.635	588097.045	1040.941	GRD
2380	921627.752	588083.865	1041.443	GRD
2381	921634.110	588076.001	1040.780	GRD
2382	921644.689	588062.873	1040.994	GRD

2383	921656.681	588047.943	1041.246	GRD
2384	921669.855	588031.417	1041.370	GRD
2385	921681.290	588017.319	1041.089	GRD
2386	921693.482	588001.875	1041.387	GRD
2387	921706.533	587984.761	1041.466	GRD
2388	921722.573	587968.282	1041.805	GRD
2389	921728.660	587957.183	1040.017	GRD
2390	921731.760	587952.830	1039.414	GRD
2391	921743.557	587938.724	1039.148	GRD
2392	921714.654	587714.447	1042.965	TOE LEVEE
2393	921710.817	587719.173	1041.781	GRD
2394	921697.970	587735.723	1040.809	GRD
2395	921691.670	587743.134	1039.236	GRD
2396	921683.793	587753.437	1039.364	GRD
2397	921676.871	587762.050	1038.965	GRD
2398	921667.070	587773.516	1038.537	GRD
2399	921659.859	587782.797	1040.729	GRD
2400	921644.990	587800.809	1040.494	GRD
2401	921634.441	587814.125	1040.695	GRD
2402	921621.073	587831.556	1041.116	GRD
2403	921606.577	587848.871	1040.499	GRD
2404	921595.689	587862.746	1040.720	GRD
2405	921582.445	587879.678	1040.556	GRD
2406	921567.599	587897.666	1040.461	GRD
2407	921561.826	587904.973	1040.897	GRD
2408	921550.052	587919.083	1041.056	GRD
2409	921534.955	587937.718	1041.061	GRD
2410	921525.992	587949.814	1040.873	GRD
2411	923443.926	588847.874	1049.541	TOE ROAD
2412	923514.895	588871.600	1057.055	TOE LEVEE
2413	923513.416	588857.184	1056.051	E/ROAD
2414	923513.868	588855.446	1055.564	TOP LEVEE
2415	923513.683	588848.885	1050.014	TOE LEVEE NO SG
2416	923512.656	588839.861	1049.381	GRD
2417	923512.151	588820.879	1049.325	GRD
2418	923511.203	588799.318	1049.069	GRD
2419	923509.807	588779.470	1049.236	GRD
2420	923509.513	588763.108	1049.346	GRD
2421	923500.383	588758.243	1050.778	GRD
2422	923493.427	588397.302	1049.546	TOE LEVEE
2423	923494.401	588406.321	1048.892	GRD
2424	923496.972	588420.204	1049.350	GRD
2425	923499.800	588434.979	1050.670	GRD
2426	923501.759	588443.557	1049.196	GRD
2427	923505.792	588466.581	1049.615	GRD
2428	923509.348	588487.981	1049.638	GRD
2429	923519.922	588501.054	1049.961	GRD
2430	923516.812	588522.562	1049.938	GRD
2431	923518.154	588529.541	1048.457	GRD
2432	923520.403	588548.299	1048.233	GRD
2433	923522.885	588552.784	1049.152	GRD
2434	923522.964	588560.199	1050.359	GRD
2435	923525.029	588573.797	1051.541	GRD
2436	923530.283	588592.290	1051.564	GRD
2437	923530.185	588608.516	1051.425	GRD
2438	923538.259	588619.218	1051.154	GRD
2439	923535.281	588630.458	1049.562	GRD

2440	923537.679	588644.321	1049.871	GRD
2441	923538.727	588659.499	1049.414	GRD
2442	923540.037	588662.924	1047.432	GRD
2443	923503.619	588676.256	1046.867	GRD
2444	923505.391	588690.572	1046.851	GRD
2445	923507.252	588696.617	1049.338	GRD
2446	924517.922	588869.694	1051.860	TOE LEVEE
2447	924519.633	588850.528	1051.705	GRD
2448	924521.686	588833.205	1051.504	GRD
2449	924523.774	588812.759	1051.674	GRD
2450	924524.898	588808.270	1051.481	GRD
2451	924524.480	588805.097	1052.030	GRD
2452	924525.262	588796.350	1051.693	GRD
2453	924527.887	588776.470	1051.202	GRD
2454	924529.839	588755.933	1051.268	GRD
2455	924531.904	588735.796	1051.639	GRD
2456	924534.000	588716.793	1051.403	GRD
2457	924535.365	588704.410	1051.787	GRD
2458	924536.569	588689.763	1051.261	GRD
2459	924537.567	588681.903	1051.625	GRD
2460	924538.120	588677.241	1051.131	GRD
2461	924540.076	588657.460	1051.518	GRD
2462	924542.014	588638.396	1051.687	GRD
2463	924543.320	588621.678	1051.871	GRD
2464	924544.922	588609.745	1051.936	GRD
2465	924546.822	588593.787	1051.868	GRD
2466	924548.439	588575.374	1051.793	GRD
2467	924489.727	588307.800	1051.674	TOE LEVEE
2468	924489.839	588314.404	1051.145	GRD
2469	924489.352	588331.745	1051.522	GRD
2470	924488.991	588351.027	1052.030	GRD
2471	924488.596	588371.425	1051.994	GRD
2472	924488.140	588390.047	1051.989	GRD
2473	924484.648	588411.451	1051.915	GRD
2474	924487.497	588432.482	1051.699	GRD
2475	924486.915	588450.175	1051.779	GRD
2476	924486.789	588470.093	1051.869	GRD
2477	924486.236	588490.360	1051.543	GRD
2478	924485.732	588508.825	1051.835	GRD
2479	924485.372	588527.919	1051.684	GRD
2480	924485.292	588541.972	1051.435	GRD
2481	924484.809	588557.915	1051.859	GRD
2482	924484.232	588575.848	1051.515	GRD
2483	924483.869	588603.040	1051.965	GRD
2484	925379.557	588717.451	1054.480	TOE LEVEE
2485	925376.948	588720.732	1053.407	GRD
2486	925364.304	588735.641	1053.226	GRD
2487	925350.336	588752.692	1053.398	GRD
2488	925336.085	588769.223	1053.409	GRD
2489	925322.230	588786.216	1053.572	GRD
2490	925309.059	588802.152	1053.519	GRD
2491	925295.280	588818.194	1053.304	GRD
2492	925282.206	588834.074	1053.182	GRD
2493	925275.354	588842.102	1052.945	GRD
2494	925271.204	588847.864	1053.252	GRD
2495	925259.269	588861.991	1053.217	GRD
2496	925246.411	588876.923	1053.188	GRD

2497	925232.285	588894.162	1053.049	GRD
2498	925217.816	588911.461	1053.122	GRD
2499	925203.044	588928.693	1053.051	GRD
2500	925189.594	588945.005	1053.006	GRD
2501	925252.856	589176.152	1053.909	TOE LEVEE
2502	925261.786	589164.945	1053.199	GRD
2503	925274.705	589149.392	1053.482	GRD
2504	925289.127	589131.965	1053.588	GRD
2505	925302.030	589116.265	1053.610	GRD
2506	925315.436	589100.488	1053.555	GRD
2507	925328.576	589084.737	1053.864	GRD
2508	925338.648	589072.183	1053.394	GRD
2509	925351.530	589056.838	1053.534	GRD
2510	925360.151	589045.849	1053.332	GRD
2511	925367.820	589037.431	1053.673	GRD
2512	925380.203	589022.319	1053.855	GRD
2513	925393.855	589006.407	1053.734	GRD
2514	925403.405	588994.232	1054.036	GRD
2515	925406.501	588990.137	1053.218	GRD
2516	925416.471	588978.728	1053.557	GRD
2517	925429.669	588962.457	1053.661	GRD
2518	925441.792	588948.315	1053.743	GRD
2519	927812.081	590542.048	1059.856	TOE LEVEE
2520	927809.445	590548.836	1059.397	GRD
2521	927803.952	590565.657	1059.455	GRD
2522	927797.416	590584.785	1059.433	GRD
2523	927790.492	590606.215	1059.652	GRD
2524	927782.864	590627.431	1059.527	GRD
2525	927775.542	590649.630	1059.544	GRD
2526	927769.429	590667.229	1059.524	GRD
2527	927765.721	590678.427	1059.852	GRD
2528	927761.520	590688.600	1066.498	GRD
2529	927757.787	590691.873	1067.244	GRD
2530	927759.462	590705.786	1065.290	GRD
2531	927753.971	590712.644	1063.164	GRD
2532	927750.450	590721.951	1062.743	GRD
2533	927747.100	590733.803	1061.729	GRD
2534	927744.608	590740.657	1062.078	GRD
2535	927742.510	590745.464	1063.729	GRD
2536	927737.109	590760.233	1064.580	GRD
2537	927734.630	590771.694	1064.558	GRD
2538	927731.357	590779.414	1066.040	GRD
2539	927729.822	590783.046	1065.452	GRD
2540	927728.405	590788.926	1066.522	GRD
2541	927725.041	590796.519	1066.080	GRD
2542	927722.852	590804.761	1067.605	GRD
2543	927720.430	590811.146	1066.967	GRD
2544	927717.143	590821.582	1069.168	GRD
2545	927715.164	590827.555	1068.496	GRD
2546	927709.656	590843.472	1059.831	GRD
2547	927703.086	590861.948	1059.763	GRD
2548	927696.628	590880.966	1059.576	GRD
2549	927689.883	590901.756	1059.721	GRD
2550	927684.131	590918.118	1059.768	GRD
2551	927678.314	590934.460	1059.871	GRD
2552	927672.695	590951.607	1060.285	TOE LEVEE
2553	926067.762	589823.912	1055.301	TOE LEVEE

2554	926073.099	589817.352	1055.115	GRD
2555	926080.331	589808.133	1055.389	GRD
2556	926085.881	589801.385	1055.354	GRD
2557	926095.087	589790.164	1062.535	GRD
2558	926099.830	589787.480	1060.379	GRD
2559	926104.050	589778.669	1060.942	GRD
2560	926111.648	589768.789	1061.178	GRD
2561	926119.142	589759.657	1060.687	GRD
2562	926122.044	589755.620	1061.555	GRD
2563	926126.036	589750.474	1060.137	GRD
2564	926134.144	589740.662	1060.905	GRD
2565	926145.501	589726.721	1060.789	GRD
2566	926147.781	589722.702	1061.747	GRD
2567	926153.505	589716.471	1061.625	GRD
2568	926157.766	589710.900	1060.541	GRD
2569	926169.635	589696.250	1060.679	GRD
2570	926172.636	589692.792	1062.260	GRD
2571	926179.685	589683.685	1055.820	GRD
2572	926189.591	589670.543	1056.118	GRD
2573	926200.554	589657.646	1055.762	GRD
2574	926216.578	589638.659	1055.360	GRD
2575	926218.101	589633.668	1053.061	E/WTR
2576	926863.514	590482.818	1058.338	TOE LEVEE
2577	926873.439	590477.393	1056.918	GRD E/SWMP
2578	926168.264	589345.351	1055.669	TOE LEVEE
2579	926156.012	589359.413	1055.220	GRD
2580	926149.773	589367.949	1055.494	GRD
2581	926147.592	589371.292	1053.368	E/WTR
2582	926965.267	589977.640	1057.763	TOE LEVEE

NAVD88 to NGVD29 Adjustments
For the
Land Subsidence Evaluation of the Upper Agua Fria
Levees
FCD Contract No. 99-067, Assignment 1
Portions of Tasks 3, 4 and 5
(Indian School Road to Northern Avenue)

Surveyed By;
SurvNet, Inc.
150 N. Stapley #105
Mesa, AZ 85203
(480)835-9070

Provided for:
Premier Engineering Corporation
1600 W. Broadway Rd. #165
Tempe, AZ 85282
(480)829-6000

12/3/02

Registered Land Surveyor
CERTIFICATE NO.
28724
MATTHEW A
GRAHAM
Date Signed
ARIZONA, U.S.A.

VERTical CONversion (VERTCON) Transformation Program
Between NGVD 29 and NAVD 88
Version 2.0

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Station Name: 337

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 29 35.99990	112 17 54.68358	.594

Station Name: 338

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 29 34.92614	112 18 24.01082	.592

Station Name: 339

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 26.97651	112 18 55.12384	.579

Station Name: 340

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 19.33042	112 19 26.04834	.571

Station Name: 341

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 13.52089	112 16 20.74692	.571

Station Name: 342

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 11.19003	112 17 39.10366	.572

Station Name: 343

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 28.15432	112 17 54.79661	.585

Station Name: 344

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 55.53108	112 17 23.97141	.582

Station Name: 345

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 26.93603	112 18 24.24075	.583

Station Name: 346

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 29 52.26037	112 18 23.22277	.588

Station Name: 347

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 1.95552	112 18 20.74849	.586

Station Name: 348

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 11.68094	112 18 18.12858	.585

Station Name: 349

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 21.46674	112 18 15.79021	.584

Station Name: 350

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 28.53672	112 18 9.46742	.584

Station Name: 351

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 37.93300	112 18 9.51222	.583

Station Name: 352

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 47.33374	112 18 5.54212	.582

Station Name: 353

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 51.95566	112 17 56.43523	.582

Station Name: 354

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 59.21735	112 17 48.00901	.581

Station Name: 355

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 6.62432	112 17 39.65451	.580

Station Name: 356

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 14.06222	112 17 31.30409	.580

Station Name: 357

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 4.89482	112 16 20.89675	.565

Station Name: 358

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 43.00410	112 17 14.75051	.576

Station Name: 359

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 49.87191	112 17 8.34158	.575

Station Name: 360

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 57.72956	112 17 .98917	.574

Station Name: 361

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 7.31367	112 16 53.44042	.573

Station Name: 362

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 43.69672	112 17 21.09584	.576

Station Name: 363

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 51.66925	112 17 14.03993	.575

Station Name: 364

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 59.47267	112 17 6.71722	.574

Station Name: 365

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 7.36349	112 16 59.59377	.573

Station Name: 366

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 16.95295	112 16 58.81618	.571

Station Name: 367

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 26.85207	112 16 59.91864	.570

Station Name: 368

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 35.78622	112 16 55.03745	.569

Station Name: 369

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 43.61272	112 16 47.66022	.568

Station Name: 370

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 51.50959	112 16 40.21499	.566

Station Name: 371

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 59.85453	112 16 33.62095	.565

Station Name: 372

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 58.39400	112 16 28.34887	.565

Station Name: 373

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 17.22652	112 16 52.81610	.571

Station Name: 374

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 27.12784	112 16 52.81323	.570

Station Name: 375

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 34.30597	112 16 49.26368	.569

Station Name: 376

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 42.39696	112 16 41.64369	.568

Station Name: 377

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 50.29303	112 16 33.94973	.566

Station Name: 378

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 33 4.31610	112 16 33.19781	.565

Station Name: 379

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 29 35.57111	112 18 45.07038	.590

Station Name: 380

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 29 52.29898	112 18 23.30039	.588

Station Name: 381

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 1.97800	112 18 20.83269	.586

Station Name: 382

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 11.69992	112 18 18.23562	.585

Station Name: 383

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 21.49767	112 18 15.96725	.584

Station Name: 384

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 43.10556	112 17 14.90691	.576

Station Name: 385

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 49.96066	112 17 8.47369	.575

Station Name: 386

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 7.30310	112 16 59.45166	.573

Station Name: 387

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 7.35300	112 16 53.59172	.573

Station Name: 388

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 43.60959	112 17 20.92715	.576

Station Name: 389

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 57.81930	112 17 1.12550	.574

Station Name: 390

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 51.57084	112 17 13.89200	.575

Station Name: 391

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 59.38630	112 17 6.58728	.574

Station Name: 392

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 16.98316	112 16 58.61783	.571

Station Name: 393

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 27.14213	112 16 52.98231	.570

Station Name: 394

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 26.84887	112 16 59.71700	.570

Station Name: 395

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 35.69079	112 16 54.89988	.569

Station Name: 396

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 34.40105	112 16 49.40178	.569

Station Name: 397

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 59.81672	112 16 33.44608	.565

Station Name: 398

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 58.42749	112 16 28.52090	.565

Station Name: 399

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 42.48789	112 16 41.78145	.568

Station Name: 400

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 50.38249	112 16 34.04886	.566

Station Name: 401

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 43.51972	112 16 47.52477	.568

Station Name: 402

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 51.41754	112 16 40.07292	.566

Station Name: 2001

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 29 52.26877	112 18 23.23512	.588

Station Name: 2001

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 29 52.26877	112 18 23.23512	.588

Station Name: 2002

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 1.95900	112 18 20.76193	.586

Station Name: 2002

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 1.95900	112 18 20.76193	.586

Station Name: 2003

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 11.68789	112 18 18.15396	.585

Station Name: 2004

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 21.47287	112 18 15.80944	.584

Station Name: 2005

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 28.53746	112 18 9.49412	.584

Station Name: 2005

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 28.53746	112 18 9.49412	.584

Station Name: 2006

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 37.93586	112 18 9.54863	.583

Station Name: 2007

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 47.34710	112 18 5.55871	.582

Station Name: 2008

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 51.97383	112 17 56.45139	.582

Station Name: 2009

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 59.23432	112 17 48.02907	.581

Station Name: 2009

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 59.23432	112 17 48.02907	.581

Station Name: 2010

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 6.64015	112 17 39.66854	.580

Station Name: 2011

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 14.08162	112 17 31.33045	.580

Station Name: 2012

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 43.02112	112 17 14.77231	.576

Station Name: 2013

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 49.88427	112 17 8.36109	.575

Station Name: 2014

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 57.74379	112 17 1.01024	.574

Station Name: 2015

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 7.32228	112 16 53.46922	.573

Station Name: 2015

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 7.32228	112 16 53.46922	.573

Station Name: 2016

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 43.67708	112 17 21.06452	.576

Station Name: 2016

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 43.67708	112 17 21.06452	.576

Station Name: 2017

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 51.65469	112 17 14.01725	.575

Station Name: 2017

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 51.65469	112 17 14.01725	.575

Station Name: 2018

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 59.45520	112 17 6.68562	.574

Station Name: 2019

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 7.35068	112 16 59.56420	.573

Station Name: 2019

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 7.35068	112 16 59.56420	.573

Station Name: 2020

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 16.95719	112 16 58.77332	.571

Station Name: 2021

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 26.85150	112 16 59.88524	.570

Station Name: 2022

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 35.77320	112 16 55.01929	.569

Station Name: 2022

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 35.77320	112 16 55.01929	.569

Station Name: 2023

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 43.59395	112 16 47.63271	.568

Station Name: 2024

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 51.49361	112 16 40.18981	.566

Station Name: 2025

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 59.84580	112 16 33.58767	.565

Station Name: 2025

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 59.84580	112 16 33.58767	.565

Station Name: 2026

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 58.40330	112 16 28.38279	.565

Station Name: 2027

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 17.23015	112 16 52.84030	.571

Station Name: 2027

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 17.23015	112 16 52.84030	.571

Station Name: 2028

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 34.32870	112 16 49.29155	.569

Station Name: 2029

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 27.13271	112 16 52.85002	.570

Station Name: 2030

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 42.41086	112 16 41.66886	.568

Station Name: 2031

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 50.31614	112 16 33.96864	.566

Station Name: 2032

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 29 52.32553	112 18 23.34546	.588

Station Name: 2033

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 29 52.36618	112 18 23.41913	.588

Station Name: 2034

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 29 52.45818	112 18 23.58275	.588

Station Name: 2034

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 29 52.45818	112 18 23.58275	.588

Station Name: 2035

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 29 52.55561	112 18 23.74609	.588

Station Name: 2035

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 29 52.55561	112 18 23.74609	.588

Station Name: 2036

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 29 52.61803	112 18 23.86120	.588

Station Name: 2036

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 29 52.61803	112 18 23.86120	.588

Station Name: 2037

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 29 52.64428	112 18 23.90918	.588

Station Name: 2038

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 29 52.70878	112 18 24.02156	.587

Station Name: 2039

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 29 52.77436	112 18 24.13260	.587

Station Name: 2040

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 29 52.83364	112 18 24.23477	.587

Station Name: 2041

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 29 52.90043	112 18 24.35666	.587

Station Name: 2042

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 29 52.96682	112 18 24.47682	.587

Station Name: 2042

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 29 52.96682	112 18 24.47682	.587

Station Name: 2043

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 29 53.00187	112 18 24.53460	.587

Station Name: 2043

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 29 53.00187	112 18 24.53460	.587

Station Name: 2044

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 29 53.07401	112 18 24.65851	.587

Station Name: 2045

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 29 53.18990	112 18 24.86621	.587

Station Name: 2045

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 29 53.18990	112 18 24.86621	.587

Station Name: 2046

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 29 53.30441	112 18 25.06500	.587

Station Name: 2047

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 29 53.41455	112 18 25.25825	.587

Station Name: 2048

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 29 53.52212	112 18 25.44725	.587

Station Name: 2049

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 29 53.63154	112 18 25.63896	.587

Station Name: 2050

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 29 53.74264	112 18 25.83517	.587

Station Name: 2050

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 29 53.74264	112 18 25.83517	.587

Station Name: 2051

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 29 53.85464	112 18 26.03450	.587

Station Name: 2051

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 29 53.85464	112 18 26.03450	.587

Station Name: 2052

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 29 53.97124	112 18 26.23857	.587

Station Name: 2052

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 29 53.97124	112 18 26.23857	.587

Station Name: 2053

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 1.98336	112 18 20.85133	.586

Station Name: 2053

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 1.98336	112 18 20.85133	.586

Station Name: 2054

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 2.02450	112 18 21.00483	.586

Station Name: 2055

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 2.08004	112 18 21.21257	.586

Station Name: 2055

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 2.08004	112 18 21.21257	.586

Station Name: 2056

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 2.13516	112 18 21.41354	.586

Station Name: 2057

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 2.15566	112 18 21.50176	.586

Station Name: 2058

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 2.19860	112 18 21.66347	.586

Station Name: 2058

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 2.19860	112 18 21.66347	.586

Station Name: 2059

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 2.23940	112 18 21.81652	.586

Station Name: 2060

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 2.28363	112 18 21.97364	.586

Station Name: 2061

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 2.33016	112 18 22.15393	.586

Station Name: 2061

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 2.33016	112 18 22.15393	.586

Station Name: 2062

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 2.39725	112 18 22.39986	.586

Station Name: 2062

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 2.39725	112 18 22.39986	.586

Station Name: 2063

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 2.45892	112 18 22.63040	.586

Station Name: 2064

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 2.51880	112 18 22.85848	.586

Station Name: 2064

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 2.51880	112 18 22.85848	.586

Station Name: 2065

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 2.57915	112 18 23.08759	.585

Station Name: 2065

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 2.57915	112 18 23.08759	.585

Station Name: 2066

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 2.63796	112 18 23.30665	.585

Station Name: 2067

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 2.69761	112 18 23.53127	.585

Station Name: 2068

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 2.75922	112 18 23.75896	.585

Station Name: 2068

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 2.75922	112 18 23.75896	.585

Station Name: 2069

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 2.81847	112 18 23.97883	.585

Station Name: 2069

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 2.81847	112 18 23.97883	.585

Station Name: 2070

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 2.83560	112 18 24.04433	.585

Station Name: 2071

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 2.85765	112 18 24.12196	.585

Station Name: 2071

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 2.85765	112 18 24.12196	.585

Station Name: 2072

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 2.86732	112 18 24.15943	.585

Station Name: 2073

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 2.88202	112 18 24.21348	.585

Station Name: 2074

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 11.70432	112 18 18.25296	.585

Station Name: 2074

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 11.70432	112 18 18.25296	.585

Station Name: 2075

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 11.71349	112 18 18.31661	.585

Station Name: 2075

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 11.71349	112 18 18.31661	.585

Station Name: 2076

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 11.74001	112 18 18.46704	.585

Station Name: 2077

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 11.76410	112 18 18.60889	.585

Station Name: 2078

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 11.80098	112 18 18.80946	.585

Station Name: 2079

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 11.82198	112 18 18.94112	.585

Station Name: 2080

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 11.85362	112 18 19.10521	.585

Station Name: 2081

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 11.86910	112 18 19.20578	.585

Station Name: 2082

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 11.87849	112 18 19.25485	.585

Station Name: 2083

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 11.90576	112 18 19.40369	.585

Station Name: 2084

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 11.93880	112 18 19.59459	.585

Station Name: 2084

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 11.93880	112 18 19.59459	.585

Station Name: 2085

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 11.97102	112 18 19.78973	.585

Station Name: 2086

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 12.00341	112 18 19.96746	.585

Station Name: 2086

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 12.00341	112 18 19.96746	.585

Station Name: 2087

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 12.02213	112 18 20.08247	.585

Station Name: 2087

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 12.02213	112 18 20.08247	.585

Station Name: 2088

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 12.06444	112 18 20.31596	.585

Station Name: 2089

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 12.10437	112 18 20.54809	.585

Station Name: 2090

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 12.14438	112 18 20.77619	.585

Station Name: 2091

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 12.18779	112 18 21.01008	.585

Station Name: 2092

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 12.22744	112 18 21.24170	.585

Station Name: 2093

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 12.26877	112 18 21.47189	.585

Station Name: 2094

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 12.30863	112 18 21.70609	.585

Station Name: 2094

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 12.30863	112 18 21.70609	.585

Station Name: 2095

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 21.50602	112 18 15.99201	.584

Station Name: 2096

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 21.50911	112 18 16.02872	.584

Station Name: 2097

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 21.51945	112 18 16.10285	.584

Station Name: 2098

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 21.53485	112 18 16.18615	.584

Station Name: 2098

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 21.53485	112 18 16.18615	.584

Station Name: 2099

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 21.55442	112 18 16.29060	.584

Station Name: 2100

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 21.56984	112 18 16.39883	.584

Station Name: 2101

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 21.59837	112 18 16.55119	.584

Station Name: 2101

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 21.59837	112 18 16.55119	.584

Station Name: 2102

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 21.62323	112 18 16.69306	.584

Station Name: 2102

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 21.62323	112 18 16.69306	.584

Station Name: 2103

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 21.64865	112 18 16.84602	.584

Station Name: 2104

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 21.66736	112 18 16.93683	.584

Station Name: 2104

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 21.66736	112 18 16.93683	.584

Station Name: 2105

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 21.68247	112 18 17.02924	.584

Station Name: 2105

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 21.68247	112 18 17.02924	.584

Station Name: 2106

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 21.70835	112 18 17.17152	.584

Station Name: 2107

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 21.73348	112 18 17.32806	.584

Station Name: 2108

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 21.76873	112 18 17.51894	.584

Station Name: 2109

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 21.79784	112 18 17.68422	.584

Station Name: 2110

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 21.82806	112 18 17.85902	.584

Station Name: 2111

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 21.84585	112 18 17.97501	.584

Station Name: 2112

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 21.88422	112 18 18.17112	.584

Station Name: 2113

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 21.90463	112 18 18.27488	.584

Station Name: 2114

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 21.94225	112 18 18.49817	.584

Station Name: 2114

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 21.94225	112 18 18.49817	.584

Station Name: 2115

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 21.96431	112 18 18.62539	.584

Station Name: 2115

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 21.96431	112 18 18.62539	.584

Station Name: 2116

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 22.00136	112 18 18.85194	.584

Station Name: 2117

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 22.03036	112 18 19.01028	.584

Station Name: 2118

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 22.06221	112 18 19.20202	.584

Station Name: 2118

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 22.06221	112 18 19.20202	.584

Station Name: 2119

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 22.10326	112 18 19.43749	.584

Station Name: 2119

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 22.10326	112 18 19.43749	.584

Station Name: 2120

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 28.53828	112 18 9.54577	.584

Station Name: 2121

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 28.54174	112 18 9.77867	.584

Station Name: 2122

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 28.54395	112 18 10.00637	.584

Station Name: 2122

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 28.54395	112 18 10.00637	.584

Station Name: 2123

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 28.54983	112 18 10.24776	.584

Station Name: 2124

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 28.55710	112 18 10.44405	.584

Station Name: 2124

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 28.55710	112 18 10.44405	.584

Station Name: 2125

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 28.56175	112 18 10.69462	.584

Station Name: 2126

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 28.56937	112 18 10.92492	.584

Station Name: 2127

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 28.57924	112 18 11.05696	.584

Station Name: 2127

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 28.57924	112 18 11.05696	.584

Station Name: 2128

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 28.57686	112 18 11.16589	.584

Station Name: 2129

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 28.59706	112 18 11.42599	.584

Station Name: 2129

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 28.59706	112 18 11.42599	.584

Station Name: 2130

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 28.57720	112 18 11.66654	.584

Station Name: 2131

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 28.58422	112 18 11.89126	.584

Station Name: 2132

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 28.59030	112 18 12.00944	.584

Station Name: 2133

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 28.59505	112 18 12.21639	.584

Station Name: 2134

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 28.60377	112 18 12.43651	.584

Station Name: 2134

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 28.60377	112 18 12.43651	.584

Station Name: 2135

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 28.63685	112 18 12.65520	.584

Station Name: 2136

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 28.67864	112 18 12.84216	.584

Station Name: 2137

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 28.68507	112 18 13.09536	.584

Station Name: 2137

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 28.68507	112 18 13.09536	.584

Station Name: 2138

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 37.93441	112 18 9.59274	.583

Station Name: 2139

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 37.92813	112 18 9.82732	.583

Station Name: 2140

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 37.91768	112 18 10.05930	.583

Station Name: 2141

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 37.91145	112 18 10.26977	.583

Station Name: 2142

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 37.90463	112 18 10.47146	.583

Station Name: 2143

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 37.89885	112 18 10.70526	.583

Station Name: 2143

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 37.89885	112 18 10.70526	.583

Station Name: 2144

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 37.89110	112 18 10.93705	.583

Station Name: 2144

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 37.89110	112 18 10.93705	.583

Station Name: 2145

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 37.88268	112 18 11.16605	.583

Station Name: 2145

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 37.88268	112 18 11.16605	.583

Station Name: 2146

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 37.87762	112 18 11.29770	.583

Station Name: 2146

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 37.87762	112 18 11.29770	.583

Station Name: 2147

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 37.86908	112 18 11.52137	.583

Station Name: 2147

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 37.86908	112 18 11.52137	.583

Station Name: 2148

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 37.86121	112 18 11.71552	.583

Station Name: 2149

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 37.85590	112 18 11.92763	.583

Station Name: 2150

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 37.85048	112 18 12.07732	.583

Station Name: 2151

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 37.85077	112 18 12.14978	.583

Station Name: 2151

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 37.85077	112 18 12.14978	.583

Station Name: 2152

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 37.84231	112 18 12.38688	.583

Station Name: 2153

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 37.83153	112 18 12.62128	.582

Station Name: 2153

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 37.83153	112 18 12.62128	.582

Station Name: 2154

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 37.82950	112 18 12.84795	.582

Station Name: 2155

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 37.82234	112 18 12.98614	.582

Station Name: 2155

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 37.82234	112 18 12.98614	.582

Station Name: 2156

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 37.81791	112 18 13.13563	.582

Station Name: 2157

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 47.37453	112 18 5.58825	.582

Station Name: 2157

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 47.37453	112 18 5.58825	.582

Station Name: 2158

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 47.52011	112 18 5.75226	.582

Station Name: 2158

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 47.52011	112 18 5.75226	.582

Station Name: 2159

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 47.66002	112 18 5.90965	.582

Station Name: 2160

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 47.80347	112 18 6.07316	.582

Station Name: 2161

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 47.95032	112 18 6.24067	.582

Station Name: 2161

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 47.95032	112 18 6.24067	.582

Station Name: 2162

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 48.10027	112 18 6.40975	.582

Station Name: 2163

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 48.23587	112 18 6.56104	.582

Station Name: 2164

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 48.38136	112 18 6.72617	.582

Station Name: 2165

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 48.52371	112 18 6.88836	.582

Station Name: 2166

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 48.66767	112 18 7.04975	.582

Station Name: 2167

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 48.81465	112 18 7.21595	.582

Station Name: 2168

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 48.95806	112 18 7.37346	.582

Station Name: 2169

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 49.09939	112 18 7.53652	.582

Station Name: 2170

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 49.24163	112 18 7.69648	.582

Station Name: 2170

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 49.24163	112 18 7.69648	.582

Station Name: 2171

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 49.38939	112 18 7.86286	.582

Station Name: 2172

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 49.53189	112 18 8.02485	.582

Station Name: 2173

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 52.03231	112 17 56.49949	.582

Station Name: 2173

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 52.03231	112 17 56.49949	.582

Station Name: 2174

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 52.19096	112 17 56.63116	.582

Station Name: 2175

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 52.35279	112 17 56.76297	.582

Station Name: 2175

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 52.35279	112 17 56.76297	.582

Station Name: 2176

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 52.52141	112 17 56.90359	.582

Station Name: 2177

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 52.68426	112 17 57.03738	.582

Station Name: 2177

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 52.68426	112 17 57.03738	.582

Station Name: 2178

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 52.84758	112 17 57.16680	.582

Station Name: 2179

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 53.01120	112 17 57.30724	.582

Station Name: 2180

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 53.17591	112 17 57.43875	.582

Station Name: 2180

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 53.17591	112 17 57.43875	.582

Station Name: 2181

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 53.33499	112 17 57.57270	.582

Station Name: 2182

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 53.50148	112 17 57.70658	.582

Station Name: 2183

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 53.66327	112 17 57.83921	.582

Station Name: 2184

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 53.82805	112 17 57.98012	.582

Station Name: 2185

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 53.98769	112 17 58.10774	.582

Station Name: 2186

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 54.14885	112 17 58.24360	.582

Station Name: 2187

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 54.31285	112 17 58.37517	.582

Station Name: 2188

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 54.47972	112 17 58.50887	.582

Station Name: 2188

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 54.47972	112 17 58.50887	.582

Station Name: 2189

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 59.27862	112 17 48.08341	.581

Station Name: 2189

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 59.27862	112 17 48.08341	.581

Station Name: 2190

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 59.41626	112 17 48.25212	.581

Station Name: 2190

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 59.41626	112 17 48.25212	.581

Station Name: 2191

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 59.55325	112 17 48.42030	.581

Station Name: 2192

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 59.69085	112 17 48.58931	.581

Station Name: 2193

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 59.83039	112 17 48.76206	.581

Station Name: 2193

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 59.83039	112 17 48.76206	.581

Station Name: 2194

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 30 59.97057	112 17 48.93151	.581

Station Name: 2195

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 .10202	112 17 49.09573	.581

Station Name: 2195

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 .10202	112 17 49.09573	.581

Station Name: 2196

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 .24220	112 17 49.26844	.581

Station Name: 2196

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 .24220	112 17 49.26844	.581

Station Name: 2197

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 .37984	112 17 49.43595	.581

Station Name: 2198

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 .52245	112 17 49.60488	.581

Station Name: 2199

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 .65771	112 17 49.77607	.581

Station Name: 2200

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 .79658	112 17 49.94610	.581

Station Name: 2200

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 .79658	112 17 49.94610	.581

Station Name: 2201

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 .93613	112 17 50.11416	.581

Station Name: 2202

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 1.07307	112 17 50.28216	.581

Station Name: 2203

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 1.21189	112 17 50.45165	.581

Station Name: 2204

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 1.35094	112 17 50.62284	.581

Station Name: 2204

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 1.35094	112 17 50.62284	.581

Station Name: 2205

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 6.69049	112 17 39.73614	.580

Station Name: 2205

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 6.69049	112 17 39.73614	.580

Station Name: 2206

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 6.82193	112 17 39.91384	.580

Station Name: 2206

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 6.82193	112 17 39.91384	.580

Station Name: 2207

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 6.95373	112 17 40.08902	.580

Station Name: 2208

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 7.08530	112 17 40.26486	.580

Station Name: 2209

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 7.21536	112 17 40.44301	.580

Station Name: 2209

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 7.21536	112 17 40.44301	.580

Station Name: 2210

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 7.34685	112 17 40.61808	.580

Station Name: 2211

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 7.47760	112 17 40.79201	.580

Station Name: 2212

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 7.60799	112 17 40.96947	.580

Station Name: 2213

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 7.74335	112 17 41.14872	.580

Station Name: 2213

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 7.74335	112 17 41.14872	.580

Station Name: 2214

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 7.87476	112 17 41.32684	.580

Station Name: 2214

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 7.87476	112 17 41.32684	.580

Station Name: 2215

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 8.00080	112 17 41.50006	.580

Station Name: 2216

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 8.13455	112 17 41.67552	.580

Station Name: 2217

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 8.26825	112 17 41.85159	.580

Station Name: 2217

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 8.26825	112 17 41.85159	.580

Station Name: 2218

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 8.39708	112 17 42.02840	.580

Station Name: 2219

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 8.53200	112 17 42.20885	.580

Station Name: 2220

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 8.66314	112 17 42.38534	.580

Station Name: 2221

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 14.11604	112 17 31.37358	.580

Station Name: 2222

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 14.25177	112 17 31.54419	.580

Station Name: 2223

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 14.38824	112 17 31.71462	.580

Station Name: 2224

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 14.52396	112 17 31.88459	.580

Station Name: 2225

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 14.66313	112 17 32.05528	.580

Station Name: 2226

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 14.79768	112 17 32.22801	.579

Station Name: 2226

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 14.79768	112 17 32.22801	.579

Station Name: 2227

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 14.93437	112 17 32.39831	.579

Station Name: 2228

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 15.07019	112 17 32.56994	.579

Station Name: 2229

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 15.20590	112 17 32.73795	.579

Station Name: 2230

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 15.34556	112 17 32.91280	.579

Station Name: 2231

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 15.48374	112 17 33.08706	.579

Station Name: 2232

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 15.61840	112 17 33.25725	.579

Station Name: 2233

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 15.75248	112 17 33.42470	.579

Station Name: 2233

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 15.75248	112 17 33.42470	.579

Station Name: 2234

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 15.88765	112 17 33.59682	.579

Station Name: 2235

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 16.02715	112 17 33.76435	.579

Station Name: 2235

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 16.02715	112 17 33.76435	.579

Station Name: 2236

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 16.09786	112 17 33.85524	.579

Station Name: 2237

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 16.13583	112 17 33.90522	.579

Station Name: 2238

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 16.17318	112 17 33.95207	.579

Station Name: 2239

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 16.27733	112 17 34.08207	.579

Station Name: 2240

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 7.28220	112 16 59.40686	.573

Station Name: 2241

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 7.21406	112 16 59.23567	.573

Station Name: 2242

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 7.12690	112 16 59.03810	.573

Station Name: 2243

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 7.03521	112 16 58.82107	.573

Station Name: 2244

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 6.99491	112 16 58.72584	.573

Station Name: 2245

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 6.93979	112 16 58.59717	.573

Station Name: 2246

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 6.85522	112 16 58.40102	.573

Station Name: 2247

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 6.76684	112 16 58.18822	.573

Station Name: 2248

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 6.67700	112 16 57.97721	.573

Station Name: 2249

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 6.58862	112 16 57.75651	.573

Station Name: 2249

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 6.58862	112 16 57.75651	.573

Station Name: 2250

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 6.49780	112 16 57.55930	.573

Station Name: 2251

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 6.41372	112 16 57.35365	.573

Station Name: 2252

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 6.32618	112 16 57.15190	.573

Station Name: 2252

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 6.32618	112 16 57.15190	.573

Station Name: 2253

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 6.27628	112 16 57.04256	.573

Station Name: 2253

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 6.27628	112 16 57.04256	.573

Station Name: 2254

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 6.23692	112 16 56.94421	.573

Station Name: 2254

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 6.23692	112 16 56.94421	.573

Station Name: 2255

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 6.13543	112 16 56.70963	.573

Station Name: 2256

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 6.05137	112 16 56.50940	.573

Station Name: 2257

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 5.95958	112 16 56.29060	.573

Station Name: 2257

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 5.95958	112 16 56.29060	.573

Station Name: 2258

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 7.36737	112 16 53.63795	.573

Station Name: 2258

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 7.36737	112 16 53.63795	.573

Station Name: 2259

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 7.41190	112 16 53.81174	.573

Station Name: 2260

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 7.46862	112 16 54.02823	.573

Station Name: 2261

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 7.52170	112 16 54.23624	.573

Station Name: 2262

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 7.58951	112 16 54.49180	.573

Station Name: 2263

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 7.64639	112 16 54.72156	.573

Station Name: 2263

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 7.64639	112 16 54.72156	.573

Station Name: 2264

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 7.70700	112 16 54.95272	.573

Station Name: 2264

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 7.70700	112 16 54.95272	.573

Station Name: 2265

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 7.78236	112 16 55.24351	.573

Station Name: 2266

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 7.80659	112 16 55.37670	.573

Station Name: 2267

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 7.83196	112 16 55.43458	.573

Station Name: 2268

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 7.88371	112 16 55.62576	.573

Station Name: 2269

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 7.94948	112 16 55.85361	.573

Station Name: 2270

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 7.98593	112 16 56.01295	.573

Station Name: 2271

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 8.00785	112 16 56.08509	.573

Station Name: 2272

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 8.03896	112 16 56.23460	.573

Station Name: 2272

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 8.03896	112 16 56.23460	.573

Station Name: 2273

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 8.08232	112 16 56.37843	.572

Station Name: 2274

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 8.12548	112 16 56.54802	.572

Station Name: 2275

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 8.17597	112 16 56.75340	.572

Station Name: 2276

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 8.23513	112 16 56.97697	.572

Station Name: 2276

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 8.23513	112 16 56.97697	.572

Station Name: 2277

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 43.13250	112 17 14.95042	.576

Station Name: 2277

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 43.13250	112 17 14.95042	.576

Station Name: 2278

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 43.22239	112 17 15.08861	.576

Station Name: 2278

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 43.22239	112 17 15.08861	.576

Station Name: 2279

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 43.34783	112 17 15.28034	.576

Station Name: 2280

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 43.47019	112 17 15.46698	.576

Station Name: 2281

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 43.58989	112 17 15.65599	.576

Station Name: 2282

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 43.71069	112 17 15.83938	.576

Station Name: 2282

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 43.71069	112 17 15.83938	.576

Station Name: 2283

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 43.75061	112 17 15.90213	.576

Station Name: 2283

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 43.75061	112 17 15.90213	.576

Station Name: 2284

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 43.77805	112 17 15.95002	.576

Station Name: 2285

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 43.81074	112 17 15.99973	.576

Station Name: 2286

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 43.88301	112 17 16.12074	.576

Station Name: 2287

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 43.94858	112 17 16.20315	.576

Station Name: 2288

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 44.00768	112 17 16.30672	.576

Station Name: 2289

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 44.09319	112 17 16.43617	.576

Station Name: 2289

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 44.09319	112 17 16.43617	.576

Station Name: 2290

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 44.11102	112 17 16.46433	.576

Station Name: 2290

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 44.11102	112 17 16.46433	.576

Station Name: 2291

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 44.20047	112 17 16.59308	.576

Station Name: 2291

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 44.20047	112 17 16.59308	.576

Station Name: 2292

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 44.31390	112 17 16.77764	.576

Station Name: 2293

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 44.40765	112 17 16.91545	.576

Station Name: 2294

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 44.43461	112 17 16.96301	.576

Station Name: 2294

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 44.43461	112 17 16.96301	.576

Station Name: 2295

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 44.55959	112 17 17.15226	.576

Station Name: 2295

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 44.55959	112 17 17.15226	.576

Station Name: 2296

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 44.64241	112 17 17.27809	.576

Station Name: 2297

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 44.71008	112 17 17.38300	.576

Station Name: 2298

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 44.79611	112 17 17.52129	.576

Station Name: 2298

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 44.79611	112 17 17.52129	.576

Station Name: 2299

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 44.92218	112 17 17.71003	.576

Station Name: 2299

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 44.92218	112 17 17.71003	.576

Station Name: 2300

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 43.59004	112 17 20.88959	.576

Station Name: 2300

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 43.59004	112 17 20.88959	.576

Station Name: 2301

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 43.50664	112 17 20.73193	.576

Station Name: 2301

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 43.50664	112 17 20.73193	.576

Station Name: 2302

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 43.40897	112 17 20.53835	.576

Station Name: 2302

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 43.40897	112 17 20.53835	.576

Station Name: 2303

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 43.29645	112 17 20.32189	.576

Station Name: 2304

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 43.20029	112 17 20.12566	.576

Station Name: 2305

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 43.14631	112 17 20.02766	.576

Station Name: 2305

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 43.14631	112 17 20.02766	.576

Station Name: 2306

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 43.09545	112 17 19.93383	.576

Station Name: 2307

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 43.07512	112 17 19.89148	.576

Station Name: 2308

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 43.05073	112 17 19.84852	.576

Station Name: 2308

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 43.05073	112 17 19.84852	.576

Station Name: 2309

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 43.01441	112 17 19.76700	.576

Station Name: 2309

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 43.01441	112 17 19.76700	.576

Station Name: 2310

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 42.91691	112 17 19.58542	.576

Station Name: 2310

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 42.91691	112 17 19.58542	.576

Station Name: 2311

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 42.88438	112 17 19.52203	.576

Station Name: 2312

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 42.86733	112 17 19.48488	.576

Station Name: 2313

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 42.84190	112 17 19.43269	.576

Station Name: 2313

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 42.84190	112 17 19.43269	.576

Station Name: 2314

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 42.76934	112 17 19.28890	.576

Station Name: 2314

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 42.76934	112 17 19.28890	.576

Station Name: 2315

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 42.73512	112 17 19.22788	.576

Station Name: 2316

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 42.63539	112 17 19.03527	.576

Station Name: 2317

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 42.60782	112 17 18.98797	.576

Station Name: 2318

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 42.55193	112 17 18.87418	.576

Station Name: 2319

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 42.52578	112 17 18.81926	.576

Station Name: 2320

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 42.45148	112 17 18.67957	.576

Station Name: 2321

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 42.37241	112 17 18.52236	.576

Station Name: 2322

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 42.28260	112 17 18.35642	.576

Station Name: 2322

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 42.28260	112 17 18.35642	.576

Station Name: 2323

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 42.21418	112 17 18.21831	.576

Station Name: 2323

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 42.21418	112 17 18.21831	.576

Station Name: 2324

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 42.15946	112 17 18.11945	.576

Station Name: 2324

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 42.15946	112 17 18.11945	.576

Station Name: 2325

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 42.10187	112 17 18.00436	.576

Station Name: 2325

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 42.10187	112 17 18.00436	.576

Station Name: 2326

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 42.05637	112 17 17.90421	.576

Station Name: 2327

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 49.98403	112 17 8.50818	.575

Station Name: 2328

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 50.01709	112 17 8.55901	.575

Station Name: 2329

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 50.09171	112 17 8.67147	.575

Station Name: 2329

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 50.09171	112 17 8.67147	.575

Station Name: 2330

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 50.17834	112 17 8.79973	.575

Station Name: 2331

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 50.21803	112 17 8.85512	.575

Station Name: 2331

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 50.21803	112 17 8.85512	.575

Station Name: 2332

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 50.25186	112 17 8.91142	.575

Station Name: 2333

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 50.35328	112 17 9.06440	.575

Station Name: 2334

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 50.45776	112 17 9.22707	.575

Station Name: 2335

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 50.54058	112 17 9.34248	.575

Station Name: 2336

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 50.59413	112 17 9.42174	.575

Station Name: 2336

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 50.59413	112 17 9.42174	.575

Station Name: 2337

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 50.65829	112 17 9.51498	.575

Station Name: 2338

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 50.64927	112 17 9.72202	.575

Station Name: 2339

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 50.68996	112 17 9.79205	.575

Station Name: 2340

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 50.70017	112 17 9.94069	.575

Station Name: 2341

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 50.97426	112 17 9.99425	.575

Station Name: 2342

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 51.08007	112 17 10.15063	.575

Station Name: 2342

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 51.08007	112 17 10.15063	.575

Station Name: 2343

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 51.20366	112 17 10.60044	.575

Station Name: 2344

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 51.26038	112 17 10.65487	.575

Station Name: 2345

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 51.28833	112 17 10.68011	.575

Station Name: 2346

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 51.44377	112 17 10.68936	.575

Station Name: 2347

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 51.53661	112 17 10.82856	.575

Station Name: 2348

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 51.63268	112 17 10.97119	.575

Station Name: 2349

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 51.71585	112 17 11.08749	.575

Station Name: 2350

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 51.76479	112 17 11.25588	.575

Station Name: 2351

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 51.54306	112 17 13.84967	.575

Station Name: 2352

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 51.41641	112 17 13.65011	.575

Station Name: 2353

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 51.34952	112 17 13.53945	.575

Station Name: 2354

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 51.09988	112 17 13.17243	.575

Station Name: 2355

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 51.15366	112 17 13.25114	.575

Station Name: 2356

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 50.93465	112 17 12.94167	.575

Station Name: 2357

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 50.86970	112 17 12.74805	.575

Station Name: 2358

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 50.87962	112 17 12.67011	.575

Station Name: 2359

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 50.90114	112 17 12.61720	.575

Station Name: 2360

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 50.33088	112 17 12.03209	.575

Station Name: 2361

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 50.40913	112 17 12.10305	.575

Station Name: 2362

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 50.43967	112 17 12.15112	.575

Station Name: 2363

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 50.53585	112 17 12.30253	.575

Station Name: 2364

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 50.55581	112 17 12.51731	.575

Station Name: 2365

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 50.60729	112 17 12.61169	.575

Station Name: 2366

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 50.65037	112 17 12.80424	.575

Station Name: 2367

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 50.21919	112 17 11.87385	.575

Station Name: 2368

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 50.16274	112 17 11.68416	.575

Station Name: 2369

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 50.01155	112 17 11.50462	.575

Station Name: 2370

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 49.94966	112 17 11.43451	.575

Station Name: 2371

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 49.88801	112 17 11.37174	.575

Station Name: 2372

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 49.81322	112 17 11.27228	.575

Station Name: 2373

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 49.73965	112 17 11.12466	.575

Station Name: 2374

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 57.83599	112 17 1.16975	.574

Station Name: 2375

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 57.90242	112 17 1.25448	.574

Station Name: 2376

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 58.02597	112 17 1.44059	.574

Station Name: 2377

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 58.17257	112 17 1.65588	.574

Station Name: 2378

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 58.30189	112 17 1.85814	.574

Station Name: 2379

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 58.42447	112 17 2.03990	.574

Station Name: 2380

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 58.52410	112 17 2.19603	.574

Station Name: 2381

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 58.58673	112 17 2.28920	.574

Station Name: 2382

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 58.69094	112 17 2.44474	.574

Station Name: 2383

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 58.80906	112 17 2.62162	.574

Station Name: 2384

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 58.93883	112 17 2.81741	.574

Station Name: 2385

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 59.05147	112 17 2.98444	.574

Station Name: 2386

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 59.17155	112 17 3.16741	.574

Station Name: 2387

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 59.30008	112 17 3.37014	.574

Station Name: 2388

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 59.45820	112 17 3.56550	.574

Station Name: 2389

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 59.51803	112 17 3.69687	.574

Station Name: 2390

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 59.54854	112 17 3.74843	.574

Station Name: 2391

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 59.66477	112 17 3.91557	.574

Station Name: 2392

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 59.37093	112 17 6.56397	.574

Station Name: 2393

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 59.33314	112 17 6.50797	.574

Station Name: 2394

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 59.20662	112 17 6.31191	.574

Station Name: 2395

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 59.14454	112 17 6.22410	.574

Station Name: 2396

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 59.06697	112 17 6.10205	.574

Station Name: 2397

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 58.99879	112 17 6.00000	.574

Station Name: 2398

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 58.90222	112 17 5.86413	.574

Station Name: 2399

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 58.83120	112 17 5.75418	.574

Station Name: 2400

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 58.68472	112 17 5.54077	.574

Station Name: 2401

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 58.58082	112 17 5.38301	.574

Station Name: 2402

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 58.44917	112 17 5.17652	.574

Station Name: 2403

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 58.30636	112 17 4.97136	.574

Station Name: 2404

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 58.19912	112 17 4.80698	.574

Station Name: 2405

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 58.06868	112 17 4.60639	.574

Station Name: 2406

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 57.92243	112 17 4.39326	.574

Station Name: 2407

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 57.86557	112 17 4.30669	.574

Station Name: 2408

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 57.74957	112 17 4.13950	.574

Station Name: 2409

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 57.60086	112 17 3.91871	.574

Station Name: 2410

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 57.51260	112 17 3.77544	.574

Station Name: 2411

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 16.51974	112 16 53.24553	.571

Station Name: 2412

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 17.22272	112 16 52.96817	.571

Station Name: 2413

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 17.20759	112 16 53.13842	.571

Station Name: 2414

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 17.21200	112 16 53.15897	.571

Station Name: 2415

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 17.20994	112 16 53.23648	.571

Station Name: 2416

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 17.19947	112 16 53.34306	.571

Station Name: 2417

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 17.19381	112 16 53.56730	.571

Station Name: 2418

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 17.18368	112 16 53.82200	.571

Station Name: 2419

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 17.16917	112 16 54.05644	.571

Station Name: 2420

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 17.16570	112 16 54.24973	.571

Station Name: 2421

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 17.07520	112 16 54.30684	.571

Station Name: 2422

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 16.99378	112 16 58.57094	.571

Station Name: 2423

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 17.00373	112 16 58.46443	.571

Station Name: 2424

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 17.02966	112 16 58.30051	.571

Station Name: 2425

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 17.05816	112 16 58.12606	.571

Station Name: 2426

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 17.07783	112 16 58.02480	.571

Station Name: 2427

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 17.11854	112 16 57.75295	.571

Station Name: 2428

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 17.15447	112 16 57.50026	.571

Station Name: 2429

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 17.25954	112 16 57.34626	.571

Station Name: 2430

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 17.22953	112 16 57.09201	.571

Station Name: 2431

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 17.24304	112 16 57.00961	.571

Station Name: 2432

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 17.26595	112 16 56.78809	.571

Station Name: 2433

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 17.29067	112 16 56.73520	.571

Station Name: 2434

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 17.29171	112 16 56.64760	.571

Station Name: 2435

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 17.31261	112 16 56.48703	.571

Station Name: 2436

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 17.36524	112 16 56.26876	.571

Station Name: 2437

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 17.36484	112 16 56.07705	.571

Station Name: 2438

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 17.44509	112 16 55.95094	.571

Station Name: 2439

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 17.41602	112 16 55.81803	.571

Station Name: 2440

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 17.44023	112 16 55.65434	.571

Station Name: 2441

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 17.45112	112 16 55.47506	.571

Station Name: 2442

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 17.46421	112 16 55.43464	.571

Station Name: 2443

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 17.10436	112 16 55.27562	.571

Station Name: 2444

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 17.12239	112 16 55.10655	.571

Station Name: 2445

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 17.14101	112 16 55.03522	.571

Station Name: 2446

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 27.14646	112 16 53.03236	.570

Station Name: 2447

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 27.16271	112 16 53.25888	.570

Station Name: 2448

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 27.18243	112 16 53.46365	.570

Station Name: 2449

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 27.20238	112 16 53.70530	.570

Station Name: 2450

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 27.21334	112 16 53.75839	.570

Station Name: 2451

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 27.20909	112 16 53.79586	.570

Station Name: 2452

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 27.21652	112 16 53.89923	.570

Station Name: 2453

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 27.24181	112 16 54.13423	.570

Station Name: 2454

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 27.26041	112 16 54.37696	.570

Station Name: 2455

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 27.28013	112 16 54.61496	.570

Station Name: 2456

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 27.30021	112 16 54.83957	.570

Station Name: 2457

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 27.31328	112 16 54.98593	.570

Station Name: 2458

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 27.32468	112 16 55.15904	.570

Station Name: 2459

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 27.33428	112 16 55.25194	.570

Station Name: 2460

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 27.33959	112 16 55.30704	.570

Station Name: 2461

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 27.35826	112 16 55.54083	.570

Station Name: 2462

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 27.37676	112 16 55.76616	.570

Station Name: 2463

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 27.38910	112 16 55.96374	.570

Station Name: 2464

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 27.40453	112 16 56.10480	.570

Station Name: 2465

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 27.42278	112 16 56.29342	.570

Station Name: 2466

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 27.43813	112 16 56.51104	.570

Station Name: 2467

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 26.84790	112 16 59.66999	.570

Station Name: 2468

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 26.84924	112 16 59.59197	.570

Station Name: 2469

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 26.84502	112 16 59.38706	.570

Station Name: 2470

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 26.84213	112 16 59.15923	.570

Station Name: 2471

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 26.83893	112 16 58.91821	.570

Station Name: 2472

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 26.83507	112 16 58.69816	.570

Station Name: 2473

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 26.80127	112 16 58.44513	.570

Station Name: 2474

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 26.83019	112 16 58.19677	.570

Station Name: 2475

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 26.82505	112 16 57.98771	.570

Station Name: 2476

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 26.82450	112 16 57.75237	.570

Station Name: 2477

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 26.81974	112 16 57.51289	.570

Station Name: 2478

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 26.81539	112 16 57.29470	.570

Station Name: 2479

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 26.81250	112 16 57.06909	.570

Station Name: 2480

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 26.81220	112 16 56.90306	.570

Station Name: 2481

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 26.80798	112 16 56.71466	.570

Station Name: 2482

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 26.80290	112 16 56.50276	.570

Station Name: 2483

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 26.80025	112 16 56.18147	.570

Station Name: 2484

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 35.66603	112 16 54.86698	.569

Station Name: 2485

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 35.64034	112 16 54.82810	.569

Station Name: 2486

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 35.51576	112 16 54.65142	.569

Station Name: 2487

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 35.37816	112 16 54.44938	.569

Station Name: 2488

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 35.23774	112 16 54.25347	.569

Station Name: 2489

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 35.10125	112 16 54.05211	.569

Station Name: 2490

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 34.97149	112 16 53.86327	.569

Station Name: 2491

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 34.83573	112 16 53.67316	.569

Station Name: 2492

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 34.70693	112 16 53.48499	.569

Station Name: 2493

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 34.63941	112 16 53.38985	.569

Station Name: 2494

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 34.59855	112 16 53.32160	.569

Station Name: 2495

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 34.48096	112 16 53.15419	.569

Station Name: 2496

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 34.35427	112 16 52.97723	.569

Station Name: 2497

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 34.21511	112 16 52.77296	.569

Station Name: 2498

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 34.07255	112 16 52.56797	.569

Station Name: 2499

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 33.92700	112 16 52.36375	.569

Station Name: 2500

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 33.79449	112 16 52.17046	.569

Station Name: 2501

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 34.42843	112 16 49.44201	.569

Station Name: 2502

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 34.51640	112 16 49.57479	.569

Station Name: 2503

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 34.64368	112 16 49.75909	.569

Station Name: 2504

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 34.78576	112 16 49.96559	.569

Station Name: 2505

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 34.91287	112 16 50.15164	.569

Station Name: 2506

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 35.04496	112 16 50.33860	.569

Station Name: 2507

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 35.17442	112 16 50.52524	.569

Station Name: 2508

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 35.27363	112 16 50.67399	.569

Station Name: 2509

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 35.40056	112 16 50.85584	.569

Station Name: 2510

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 35.48547	112 16 50.98603	.569

Station Name: 2511

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 35.56105	112 16 51.08582	.569

Station Name: 2512

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 35.68304	112 16 51.26489	.569

Station Name: 2513

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 35.81755	112 16 51.45345	.569

Station Name: 2514

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 35.91163	112 16 51.59770	.569

Station Name: 2515

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 35.94211	112 16 51.64621	.569

Station Name: 2516

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 36.04036	112 16 51.78143	.569

Station Name: 2517

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 36.17037	112 16 51.97423	.569

Station Name: 2518

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 36.28982	112 16 52.14183	.569

Station Name: 2519

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 59.79612	112 16 33.40829	.565

Station Name: 2520

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 59.77027	112 16 33.32797	.565

Station Name: 2521

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 59.71650	112 16 33.12899	.565

Station Name: 2522

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 59.65249	112 16 32.90270	.565

Station Name: 2523

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 59.58472	112 16 32.64919	.565

Station Name: 2524

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 59.50998	112 16 32.39819	.565

Station Name: 2525

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 59.43830	112 16 32.13557	.565

Station Name: 2526

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 59.37842	112 16 31.92737	.565

Station Name: 2527

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 59.34212	112 16 31.79490	.565

Station Name: 2528

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 59.30089	112 16 31.67452	.565

Station Name: 2529

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 59.26408	112 16 31.63569	.565

Station Name: 2530

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 59.28113	112 16 31.47136	.565

Station Name: 2531

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 59.22704	112 16 31.39011	.565

Station Name: 2532

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 59.19252	112 16 31.27999	.565

Station Name: 2533

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 59.15978	112 16 31.13980	.565

Station Name: 2534

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 59.13535	112 16 31.05871	.565

Station Name: 2535

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 59.11476	112 16 31.00183	.565

Station Name: 2536

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 59.06183	112 16 30.82710	.565

Station Name: 2537

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 59.03770	112 16 30.69156	.565

Station Name: 2538

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 59.00558	112 16 30.60021	.565

Station Name: 2539

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 58.99052	112 16 30.55723	.565

Station Name: 2540

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 58.97670	112 16 30.48770	.565

Station Name: 2541

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 58.94368	112 16 30.39784	.565

Station Name: 2542

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 58.92230	112 16 30.30036	.565

Station Name: 2543

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 58.89856	112 16 30.22481	.565

Station Name: 2544

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 58.86639	112 16 30.10136	.565

Station Name: 2545

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 58.84701	112 16 30.03070	.565

Station Name: 2546

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 58.79307	112 16 29.84240	.565

Station Name: 2547

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 58.72869	112 16 29.62382	.565

Station Name: 2548

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 58.66545	112 16 29.39883	.565

Station Name: 2549

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 58.59942	112 16 29.15289	.565

Station Name: 2550

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 58.54307	112 16 28.95932	.565

Station Name: 2551

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 58.48608	112 16 28.76599	.565

Station Name: 2552

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 58.43108	112 16 28.56314	.565

Station Name: 2553

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 42.51340	112 16 41.82210	.568

Station Name: 2554

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 42.56598	112 16 41.89983	.568

Station Name: 2555

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 42.63721	112 16 42.00905	.568

Station Name: 2556

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 42.69189	112 16 42.08902	.568

Station Name: 2557

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 42.78258	112 16 42.22198	.568

Station Name: 2558

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 42.82942	112 16 42.25389	.568

Station Name: 2559

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 42.87087	112 16 42.35817	.568

Station Name: 2560

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 42.94570	112 16 42.47522	.568

Station Name: 2561

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 43.01953	112 16 42.58343	.568

Station Name: 2562

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 43.04811	112 16 42.63124	.568

Station Name: 2563

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 43.08742	112 16 42.69221	.568

Station Name: 2564

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 43.16730	112 16 42.80849	.568

Station Name: 2565

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 43.27919	112 16 42.97368	.568

Station Name: 2566

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 43.30161	112 16 43.02126	.568

Station Name: 2567

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 43.35802	112 16 43.09512	.568

Station Name: 2568

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 43.39998	112 16 43.16112	.568

Station Name: 2569

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 43.51691	112 16 43.33470	.567

Station Name: 2570

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 43.54648	112 16 43.37569	.567

Station Name: 2571

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 43.61591	112 16 43.48358	.567

Station Name: 2572

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 43.71347	112 16 43.63928	.567

Station Name: 2573

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 43.82148	112 16 43.79212	.567

Station Name: 2574

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 43.97936	112 16 44.01712	.567

Station Name: 2575

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 43.99426	112 16 44.07616	.567

Station Name: 2576

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 50.40912	112 16 34.06931	.566

Station Name: 2577

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 50.50713	112 16 34.13381	.566

Station Name: 2578

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 43.49121	112 16 47.48076	.568

Station Name: 2579

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 43.37047	112 16 47.31409	.568

Station Name: 2580

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 43.30904	112 16 47.21298	.568

Station Name: 2581

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 43.28758	112 16 47.17339	.568

Station Name: 2582

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 51.39848	112 16 40.04264	.566

Technical Data Notebook
For the
Land Subsidence Evaluation of the Upper Agua Fria Levees
FCD Contract No. 99-067, Assignment 1
Portions of Tasks 3, 4 and 5
(Indian School Road to Northern Avenue)

Surveyed By;
SurvNet, Inc.
150 N. Stapley #105
Mesa, AZ 85203
(480)835-9070

Provided for:
Premier Engineering Corporation
1600 W. Broadway Rd. #165
Tempe, AZ 85282
(480)829-6000

SC V07 Copyright Trimble Navigation Ltd, 1996.
Serial no 9 30-Nov-00 18:28
Angle Degrees Dist Feet Press inch Hg
Temp Fahrenheit Coord N-E-Elv H.obs Right

JOB Job ID 4004ph4
Atmos crn No C and R crn Yes Refrac cnst 0.20
Elev Yes Sea level crn No

PROJ TM Transverse Mercator
Orig Lat 31°00'00"N Orig Nrth 0.000
Orig Lng 111°55'00"W Orig East 700000.000
Orig Hgt 0.000 Orig Elev 0.000
Orient 1 0°00'00" Orient 2 0°00'00"
Scale 0.9999

LOCELL TM Local Rad 20925646.325 Flat. 298.2572215381

DATUM TM Molodensky
Srce Rad 20925646.325 Srce Flat 298.257223563
Rotn X 0°00'00" Rotn Y 0°00'00"
Rotn Z 0°00'00" Trans X 0.000
Trans Y 0.000 Trans Z 0.000
Scale 0

GPSANT KI Antenna ht 0.000 Measuremt True

ORIENTATIONNMAzmth From North Dir North and East

HGTADJ TM Geoid model + plane
Orig Nrth 878429.839 Slope N 0
Orig East 559394.226 Slope E 0
Hgt Const 0.135
Geoid geoid99

NOTE NM 4004_ph4

GRDPOS KI Point ID BAS1 Nrth 894110.063 East 573558.368
Class Normal Elv 987.915 Code <no text>
Mthd User Input

GRDPOS KI Point ID BAS2 Nrth 912547.158 East 582390.448
Class Normal Elv 1032.144 Code <no text>
Mthd User Input

GRDPOS KI Point ID BAS3 Nrth 941481.423 East 594595.629
Class Normal Elv 1130.594 Code <no text>
Mthd User Input

GRDPOS KI Point ID BED1 Nrth 928264.060 East 517921.993
Class Normal Elv 1516.960 Code <no text>
Mthd User Input

GRDPOS KI Point ID E475 Nrth 979343.979 East 613661.958
Class Normal Elv 1364.187 Code <no text>
Mthd User Input

GRDPOS KI Point ID LITC Nrth 917127.275 East 564284.523
Class Normal Elv 1121.263 Code <no text>
Mthd User Input

GRDPOS KI Point ID LITE Nrth 882467.391 East 578528.514
Class Normal Elv 983.237 Code <no text>
Mthd User Input

GRDPOS KI Point ID NORT Nrth 928515.556 East 596852.569
Class Normal Elv 1097.972 Code <no text>
Mthd User Input

GRDPOS KI Point ID Q366 Nrth 991733.774 East 569967.026
Class Normal Elv 1392.562 Code <no text>
Mthd User Input

GRDPOS KI Point ID WW55 Nrth 878429.838 East 559394.227
Class Normal Elv 933.650 Code <no text>
Mthd User Input

ORIENTATIONNMAzmth From North Dir North and East

F FILE FC File Used No
ID 00000 Name

PLANE KI Orig Nrth <null> Orig East <null>
Trans N <null> Trans E <null>
Rotation <null> Scale <null>

GRDPOS KI Point ID 377 Nrth 926851.746 East 590492.897
Class Normal Elv 1074.609 Code 145+00E NR
Mthd User Input

GRDPOS KI Point ID 370 Nrth 926976.549 East 589963.093
Class Normal Elv 1073.679 Code 145+00W NR
Mthd User Input

GRDPOS KI Point ID 402 Nrth 926697.203 East 589975.084
Class Normal Elv 1061.663 Code SG 145+00W NR
Mthd User Input

GRDPOS KI Point ID 400 Nrth 926860.816 East 590484.539
Class Normal Elv 1062.464 Code SG 145+00E NR
Mthd User Input

SURVEY KI Elev mask 10 PDOP mask 6.0

EQUIP BA Receiver 4800 Serial no 20141803
Antenna 4800 Internal
Method Reading from hook using 4800 tape
Tape adj 0.000 Serial no <no text>
Radius 0.358 V.Const 0.104

SURVEY EVENTKISurvey event Base survey started

NOTE TS Time Date 11/30/2000 Time 16:54:45

EQUIP BA Receiver 4800 Serial no 20141803
Antenna 4800 Internal
Method Reading from hook using 4800 tape
Tape adj 0.000 Serial no <no text>
Radius 0.358 V.Const 0.104

GPSANT KI Antenna ht 5.013 Measuremt Uncorrected

EQUIP BA Receiver 4800 Serial no 20141803
Antenna 4800 Internal
Method Reading from hook using 4800 tape
Tape adj 0.000 Serial no <no text>
Radius 0.358 V.Const 0.104

GPSANT KI Antenna ht 5.013 Measuremt Uncorrected

EQUIP BA Receiver 4800 Serial no 20141803
Antenna 4800 Internal
Method Reading from hook using 4800 tape
Tape adj 0.000 Serial no <no text>
Radius 0.358 V.Const 0.104

GPSANT KI Antenna ht 5.013 Measuremt Uncorrected

GPSREF KI Reference BAS2

EQUIP NM Receiver 4800 Serial no 20152374
Antenna 4800 Internal
Method Measured to bottom of antenna mount
Tape adj 0.000 Serial no <no text>
Radius 0.000 V.Const 0.511

SURVEY EVENTKISurvey event Rover survey started

NOTE TS Time Date 11/30/2000 Time 16:55:14

GPSANT KI Antenna ht 0.000 Measuremt True

GPSPOS SI Point ID BAS2 Lat 33°30'28.47746"N Lng 112°18'09.05876"W
Class Check Hgt 932.621 Code <no text>
Mthd User Input H.pr <null> V.pr <null>

GPSANT KI Antenna ht 5.105 Measuremt True

GPSREF KI Reference BAS2

INIT KI Init event Gained Week 1090
Init type On the fly seconds 406835.0
Init counter 1 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

EQUIP NM Receiver 4800 Serial no 20152374
Antenna 4800 Internal
Method Measured to bottom of antenna mount
Tape adj 0.000 Serial no <no text>
Radius 0.000 V.Const 0.511

GPSANT KI Antenna ht 5.906 Measuremt Uncorrected

GPSVEC TP Point ID 423 DX 4601.386 DY 1503.141
Class Normal DZ 4765.345 Code 45+00E NR W/EDGE
Mthd Phase Diff. H.pr 0.017 V.pr 0.032

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 406932.0 End wk 1090 sec 406936.0

INIT KI Init event Lost Week 1090
Init type On the fly seconds 406941.0
Init counter 1 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1090
Init type On the fly seconds 406968.0
Init counter 2 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC SO Point ID 423 DX 4601.367 DY 1503.124
Class Stake out DZ 4765.292 Code 45+00E NR W/EDGE
Mthd Phase Diff. H.pr 0.022 V.pr 0.040

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 406990.0 End wk 1090 sec 406995.0

POINT DGN SO
Name 423 To the Point

PT POLAR D SO
Azmth 10°57'40.259" H.dist 0.058
V.dist 0.010

INIT KI Init event Lost Week 1090
Init type On the fly seconds 407002.0
Init counter 2 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1090
Init type On the fly seconds 407027.0
Init counter 3 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 4101 DX 4600.398 DY 1503.977
Class Normal DZ 4765.290 Code TOP LEVEE
Mthd Phase Diff. H.pr 0.018 V.pr 0.033

GPSQC1 NM Min SVs 7 PDOP max 1.2
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 407042.0 End wk 1090 sec 407045.0

INIT KI Init event Lost Week 1090
Init type On the fly seconds 407063.0
Init counter 3 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1090
Init type On the fly seconds 407136.0
Init counter 4 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 424 DX 5088.410 DY 1903.649
Class Normal DZ 5607.779 Code 55+00E NR
Mthd Phase Diff. H.pr 0.022 V.pr 0.033

GPSQC1 NM Min SVs 8 PDOP max 0.8
Total GPS pos 5 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 407181.0 End wk 1090 sec 407185.0

INIT KI Init event Lost Week 1090
Init type On the fly seconds 407190.0
Init counter 4 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1090
Init type On the fly seconds 407212.0
Init counter 5 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC SO Point ID 424 DX 5088.401 DY 1903.639
Class Stake out DZ 5607.788 Code 55+00E NR
Mthd Phase Diff. H.pr 0.024 V.pr 0.037

GPSQC1 NM Min SVs 8 PDOP max 0.8
Total GPS pos 4 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 407240.0 End wk 1090 sec 407250.0

POINT DGN SO
Name 424 To the Point

PT POLAR D SO
Azmth 92°50'10.126" H.dist 0.005
V.dist -0.015

GPSVEC TP Point ID 4102 DX 5086.717 DY 1905.296
Class Normal DZ 5608.866 Code TOP LEVEE
Mthd Phase Diff. H.pr 0.022 V.pr 0.040

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 407275.0 End wk 1090 sec 407279.0

INIT KI Init event Lost Week 1090
Init type On the fly seconds 407302.0
Init counter 5 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1090
Init type On the fly seconds 407576.0
Init counter 6 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 4103 DX 4590.798 DY 1510.370
Class Del normal DZ 4754.471 Code TOE LEVEE
Mthd Phase Diff. H.pr 0.021 V.pr 0.038

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 407609.0 End wk 1090 sec 407614.0

NOTE TS Item deleted Date 11/30/2000 Time 17:14:58

NOTE KI LINE. Name: 1, Code: , Method: Two points, Start pt: 4103,

NOTE KI End pt: 423, Azimuth: 59.019°, Length: 14.655ft,

NOTE KI Grade: 29.328°

GPSVEC TP Point ID 425 DX 4594.909 DY 1514.919
Class Normal DZ 4762.730 Code SG 45+00E NR
Mthd Phase Diff. H.pr 0.025 V.pr 0.037

GPSQC1 NM Min SVs 8 PDOP max 0.8
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 407744.0 End wk 1090 sec 407748.0

INIT KI Init event Lost Week 1090
Init type On the fly seconds 407752.0
Init counter 6 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1090
Init type On the fly seconds 407782.0
Init counter 7 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC SO Point ID 425 DX 4594.924 DY 1514.917
Class Stake out DZ 4762.754 Code SG 45+00E NR
Mthd Phase Diff. H.pr 0.026 V.pr 0.037

GPSQC1 NM Min SVs 8 PDOP max 0.8
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 407800.0 End wk 1090 sec 407804.0

POINT DGN SO
Name 425 To the Point

PT POLAR D SO
Azmth 213°34'17.187" H.dist 0.026
V.dist -0.011

GPSVEC TP Point ID 4103 DX 4594.857 DY 1515.442
Class Normal DZ 4762.528 Code TOE LEVEE
Mthd Phase Diff. H.pr 0.035 V.pr 0.053

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 407824.0 End wk 1090 sec 407827.0

NOTE KI LINE. Name: 1, Code: , Method: Two points, Start pt: 425,

NOTE KI End pt: 423, Azimuth: 103.553°, Length: 10.749ft,

NOTE KI Grade: 38.275°

GPSVEC TP Point ID 4104 DX 4580.963 DY 1523.201
Class Normal DZ 4765.574 Code GRD
Mthd Phase Diff. H.pr 0.029 V.pr 0.042

GPSQC1 NM Min SVs 8 PDOP max 0.8
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 407877.0 End wk 1090 sec 407879.0

GPSVEC TP Point ID 4105 DX 4577.090 DY 1528.098
Class Normal DZ 4765.214 Code GRD
Mthd Phase Diff. H.pr 0.033 V.pr 0.047

GPSQC1 NM Min SVs 8 PDOP max 0.8
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 407909.0 End wk 1090 sec 407914.0

GPSVEC TP Point ID 4106 DX 4575.052 DY 1529.513
Class Normal DZ 4765.593 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.038

GPSQC1 NM Min SVs 8 PDOP max 0.8
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 407926.0 End wk 1090 sec 407934.0

GPSVEC TP Point ID 4107 DX 4570.365 DY 1534.183
Class Normal DZ 4765.615 Code GRD
Mthd Phase Diff. H.pr 0.030 V.pr 0.052

GPSQC1 NM Min SVs 7 PDOP max 1.3
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 407946.0 End wk 1090 sec 407950.0

GPSVEC TP Point ID 4108 DX 4559.950 DY 1540.796
Class Normal DZ 4767.832 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.038

GPSQC1 NM Min SVs 8 PDOP max 0.8
Total GPS pos 5 HDOP max 0.4
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 407969.0 End wk 1090 sec 407974.0

GPSVEC TP Point ID 4109 DX 4543.072 DY 1548.110
Class Normal DZ 4770.579 Code GRD
Mthd Phase Diff. H.pr 0.034 V.pr 0.049

GPSQC1 NM Min SVs 8 PDOP max 0.8
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 408002.0 End wk 1090 sec 408006.0

GPSVEC TP Point ID 4110 DX 4535.637 DY 1553.806
Class Normal DZ 4773.761 Code GRD
Mthd Phase Diff. H.pr 0.034 V.pr 0.042

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 408021.0 End wk 1090 sec 408023.0

GPSVEC TP Point ID 4111 DX 4530.112 DY 1557.661
Class Normal DZ 4774.554 Code GRD
Mthd Phase Diff. H.pr 0.038 V.pr 0.047

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 408034.0 End wk 1090 sec 408037.0

GPSVEC TP Point ID 4112 DX 4522.481 DY 1561.315
Class Normal DZ 4776.514 Code GRD
Mthd Phase Diff. H.pr 0.043 V.pr 0.053

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 408051.0 End wk 1090 sec 408057.0

GPSVEC TP Point ID 4113 DX 4514.888 DY 1564.390
Class Normal DZ 4778.633 Code GRD
Mthd Phase Diff. H.pr 0.044 V.pr 0.054

GPSQC1 NM Min SVs 7 PDOP max 0.8
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 408069.0 End wk 1090 sec 408074.0

GPSVEC TP Point ID 4114 DX 4503.632 DY 1570.385
Class Normal DZ 4779.765 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.038

GPSQC1 NM Min SVs 7 PDOP max 1.4
Total GPS pos 4 HDOP max 0.7
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 408091.0 End wk 1090 sec 408094.0

GPSVEC TP Point ID 4115 DX 4498.159 DY 1574.157
Class Normal DZ 4781.696 Code GRD
Mthd Phase Diff. H.pr 0.031 V.pr 0.055

GPSQC1 NM Min SVs 7 PDOP max 1.3
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 408111.0 End wk 1090 sec 408115.0

GPSVEC TP Point ID 4116 DX 4494.133 DY 1575.616
Class Normal DZ 4782.910 Code GRD
Mthd Phase Diff. H.pr 0.034 V.pr 0.060

GPSQC1 NM Min SVs 7 PDOP max 1.3
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 408131.0 End wk 1090 sec 408134.0

GPSVEC TP Point ID 4117 DX 4487.445 DY 1580.245
Class Normal DZ 4784.978 Code GRD
Mthd Phase Diff. H.pr 0.030 V.pr 0.053

GPSQC1 NM Min SVs 7 PDOP max 1.4
Total GPS pos 4 HDOP max 0.7
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 408163.0 End wk 1090 sec 408166.0

GPSVEC TP Point ID 4118 DX 4475.299 DY 1587.388
Class Normal DZ 4787.690 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.041

GPSQC1 NM Min SVs 7 PDOP max 1.3
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 408187.0 End wk 1090 sec 408191.0

GPSVEC TP Point ID 4119 DX 4462.507 DY 1593.279
Class Normal DZ 4790.202 Code GRD
Mthd Phase Diff. H.pr 0.034 V.pr 0.047

GPSQC1 NM Min SVs 8 PDOP max 0.9
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 408213.0 End wk 1090 sec 408216.0

NOTE TS Time Date 11/30/2000 Time 17:24:04

GPSVEC TP Point ID 4120 DX 4451.438 DY 1600.285
Class Normal DZ 4793.055 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.034

GPSQC1 NM Min SVs 8 PDOP max 0.8
Total GPS pos 3 HDOP max 0.4
Monitor status Yes VDOP max 0.6
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 408250.0 End wk 1090 sec 408256.0

GPSVEC TP Point ID 4121 DX 4441.238 DY 1605.476
Class Normal DZ 4795.843 Code GRD
Mthd Phase Diff. H.pr 0.032 V.pr 0.045

GPSQC1 NM Min SVs 8 PDOP max 0.9
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 408275.0 End wk 1090 sec 408278.0

GPSVEC TP Point ID 4122 DX 4435.397 DY 1608.712
Class Normal DZ 4796.430 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.035

GPSQC1 NM Min SVs 8 PDOP max 0.9
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 408293.0 End wk 1090 sec 408296.0

GPSVEC TP Point ID 4123 DX 4430.560 DY 1611.670
Class Normal DZ 4798.385 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.038

GPSQC1 NM Min SVs 8 PDOP max 0.9
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 408312.0 End wk 1090 sec 408315.0

GPSVEC TP Point ID 4124 DX 4418.261 DY 1619.005
Class Normal DZ 4801.066 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.038

GPSQC1 NM Min SVs 8 PDOP max 0.9
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 408337.0 End wk 1090 sec 408340.0

GPSVEC TP Point ID 4125 DX 4408.042 DY 1624.566
Class Normal DZ 4803.116 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.035

GPSQC1 NM Min SVs 8 PDOP max 0.9
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 408358.0 End wk 1090 sec 408361.0

GPSVEC TP Point ID 4126 DX 4402.343 DY 1628.825
Class Normal DZ 4803.980 Code GRD
Mthd Phase Diff. H.pr 0.043 V.pr 0.061

GPSQC1 NM Min SVs 8 PDOP max 0.8
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 408382.0 End wk 1090 sec 408386.0

GPSVEC TP Point ID 4127 DX 4397.807 DY 1630.980
Class Normal DZ 4804.974 Code GRD
Mthd Phase Diff. H.pr 0.041 V.pr 0.057

GPSQC1 NM Min SVs 8 PDOP max 0.9
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 408419.0 End wk 1090 sec 408422.0

GPSVEC TP Point ID 4128 DX 4390.343 DY 1636.454
Class Normal DZ 4806.810 Code GRD
Mthd Phase Diff. H.pr 0.028 V.pr 0.039

GPSQC1 NM Min SVs 8 PDOP max 0.9
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 408480.0 End wk 1090 sec 408483.0

GPSVEC TP Point ID 4129 DX 4385.665 DY 1639.870
Class Normal DZ 4806.913 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.035

GPSQC1 NM Min SVs 8 PDOP max 0.9
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 408510.0 End wk 1090 sec 408513.0

GPSVEC TP Point ID 4130 DX 4382.300 DY 1640.050
Class Normal DZ 4806.134 Code GRD
Mthd Phase Diff. H.pr 0.036 V.pr 0.060

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 408542.0 End wk 1090 sec 408553.0

GPSVEC TP Point ID 4131 DX 4371.381 DY 1647.379
Class Normal DZ 4810.566 Code GRD
Mthd Phase Diff. H.pr 0.018 V.pr 0.034

GPSQC1 NM Min SVs 7 PDOP max 1.6
Total GPS pos 3 HDOP max 0.8
Monitor status Yes VDOP max 1.4
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 408588.0 End wk 1090 sec 408590.0

GPSVEC TP Point ID 4132 DX 4360.243 DY 1652.602
Class Normal DZ 4813.615 Code GRD
Mthd Phase Diff. H.pr 0.040 V.pr 0.056

GPSQC1 NM Min SVs 8 PDOP max 0.9
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 408618.0 End wk 1090 sec 408622.0

GPSVEC TP Point ID 4133 DX 4346.842 DY 1660.158
Class Normal DZ 4817.215 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.034

GPSQC1 NM Min SVs 8 PDOP max 0.9
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 408647.0 End wk 1090 sec 408650.0

GPSVEC TP Point ID 4134 DX 4337.287 DY 1665.494
Class Normal DZ 4819.433 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.037

GPSQC1 NM Min SVs 8 PDOP max 0.9
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 408672.0 End wk 1090 sec 408675.0

INIT KI Init event Lost Week 1090
Init type On the fly seconds 408788.0
Init counter 7 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

SURVEY EVENTKISurvey event Communications error

INIT KI Init event Lost Week 1090
Init type On the fly seconds 408967.0
Init counter 8 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1090
Init type On the fly seconds 409273.0
Init counter 9 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC TP Point ID 426 DX 5082.771 DY 1920.806
Class Normal DZ 5607.591 Code SG 55+00E NR
Mthd Phase Diff. H.pr 0.023 V.pr 0.047

GPSQC1 NM Min SVs 7 PDOP max 0.9
Total GPS pos 12 HDOP max 0.4
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 409329.0 End wk 1090 sec 409342.0

INIT KI Init event Lost Week 1090
Init type On the fly seconds 409350.0
Init counter 9 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1090
Init type On the fly seconds 409382.0
Init counter 10 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GPSVEC SO Point ID 426 DX 5082.762 DY 1920.792
Class Stake out DZ 5607.532 Code SG 55+00E NR
Mthd Phase Diff. H.pr 0.023 V.pr 0.048

GPSQC1 NM Min SVs 7 PDOP max 1.3
Total GPS pos 6 HDOP max 0.6
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 409403.0 End wk 1090 sec 409408.0

POINT DGN SO
Name 426 To the Point

PT POLAR D SO
Azmth 2°48'49.832" H.dist 0.059
V.dist 0.019

INIT KI Init event Lost Week 1090
Init type On the fly seconds 409418.0
Init counter 10 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

SURVEY KI Elev mask 10 PDOP mask 6.0

EQUIP NM Receiver 4800 Serial no 20152374
Antenna 4800 Internal
Method Measured to bottom of antenna mount
Tape adj 0.000 Serial no <no text>
Radius 0.000 V.Const 0.511

SURVEY EVENTKISurvey event Rover survey started

NOTE TS Time Date 11/30/2000 Time 17:44:35

GPSANT KI Antenna ht 5.105 Measuremt True

GPSREF KI Reference BAS2

INIT KI Init event Gained Week 1090
Init type On the fly seconds 409514.0
Init counter 1 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

NOTE KI LINE. Name: 2, Code: , Method: Two points, Start pt: 426,

NOTE KI End pt: 424, Azimuth: 122.569°, Length: 13.880ft,

NOTE KI Grade: 39.778°

EQUIP NM Receiver 4800 Serial no 20152374
Antenna 4800 Internal
Method Measured to bottom of antenna mount
Tape adj 0.000 Serial no <no text>
Radius 0.000 V.Const 0.511

GPSANT KI Antenna ht 5.906 Measuremt Uncorrected

GPSVEC TP Point ID 4135 DX 5081.166 DY 1926.904
Class Normal DZ 5607.213 Code TOE LEVEE
Mthd Phase Diff. H.pr 0.023 V.pr 0.049

GPSQC1 NM Min SVs 7 PDOP max 1.5
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 409572.0 End wk 1090 sec 409576.0

GPSVEC TP Point ID 4136 DX 5075.873 DY 1931.843
Class Normal DZ 5610.453 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.058

GPSQC1 NM Min SVs 7 PDOP max 1.2
Total GPS pos 7 HDOP max 0.5
Monitor status Yes VDOP max 1.1
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 409594.0 End wk 1090 sec 409601.0

GPSVEC TP Point ID 4137 DX 5063.852 DY 1942.346
Class Normal DZ 5618.557 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.056

GPSQC1 NM Min SVs 7 PDOP max 1.5
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.3
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 409616.0 End wk 1090 sec 409620.0

GPSVEC TP Point ID 4138 DX 5053.650 DY 1950.667
Class Normal DZ 5625.530 Code GRD
Mthd Phase Diff. H.pr 0.024 V.pr 0.051

GPSQC1 NM Min SVs 7 PDOP max 1.6
Total GPS pos 4 HDOP max 0.7
Monitor status Yes VDOP max 1.5
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 409632.0 End wk 1090 sec 409635.0

GPSVEC TP Point ID 4139 DX 5041.719 DY 1961.357
Class Normal DZ 5633.487 Code GRD
Mthd Phase Diff. H.pr 0.019 V.pr 0.041

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 7 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 409651.0 End wk 1090 sec 409659.0

GPSVEC TP Point ID 4140 DX 5030.790 DY 1970.777
Class Normal DZ 5640.573 Code GRD
Mthd Phase Diff. H.pr 0.020 V.pr 0.043

GPSQC1 NM Min SVs 7 PDOP max 1.1
Total GPS pos 7 HDOP max 0.5
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 409677.0 End wk 1090 sec 409685.0

GPSVEC TP Point ID 4141 DX 5025.677 DY 1975.825
Class Normal DZ 5644.080 Code GRD
Mthd Phase Diff. H.pr 0.028 V.pr 0.061

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 10 HDOP max 0.4
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 409697.0 End wk 1090 sec 409708.0

GPSVEC TP Point ID 4142 DX 5020.838 DY 1979.296
Class Normal DZ 5647.242 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.059

GPSQC1 NM Min SVs 7 PDOP max 1.4
Total GPS pos 5 HDOP max 0.6
Monitor status Yes VDOP max 1.2
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 409724.0 End wk 1090 sec 409729.0

GPSVEC TP Point ID 4143 DX 5014.046 DY 1985.743
Class Normal DZ 5651.620 Code GRD
Mthd Phase Diff. H.pr 0.037 V.pr 0.052

GPSQC1 NM Min SVs 8 PDOP max 0.9
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 409745.0 End wk 1090 sec 409748.0

GPSVEC TP Point ID 4144 DX 5006.648 DY 1991.952
Class Normal DZ 5657.056 Code GRD
Mthd Phase Diff. H.pr 0.031 V.pr 0.043

GPSQC1 NM Min SVs 8 PDOP max 1.0
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 409762.0 End wk 1090 sec 409764.0

GPSVEC TP Point ID 4145 DX 4998.591 DY 1999.669
Class Normal DZ 5662.458 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.035

GPSQC1 NM Min SVs 8 PDOP max 1.0
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 409779.0 End wk 1090 sec 409783.0

GPSVEC TP Point ID 4146 DX 4993.725 DY 2003.922
Class Normal DZ 5665.363 Code GRD
Mthd Phase Diff. H.pr 0.031 V.pr 0.044

GPSQC1 NM Min SVs 8 PDOP max 0.8
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 409797.0 End wk 1090 sec 409801.0

GPSVEC TP Point ID 4147 DX 4980.939 DY 2015.163
Class Normal DZ 5674.495 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.033

GPSQC1 NM Min SVs 8 PDOP max 0.9
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 409816.0 End wk 1090 sec 409819.0

GPSVEC TP Point ID 4148 DX 4968.769 DY 2025.731
Class Normal DZ 5682.048 Code GRD
Mthd Phase Diff. H.pr 0.029 V.pr 0.041

GPSQC1 NM Min SVs 8 PDOP max 0.9
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 409834.0 End wk 1090 sec 409837.0

GPSVEC TP Point ID 4149 DX 4957.144 DY 2035.967
Class Normal DZ 5690.127 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.035

GPSQC1 NM Min SVs 8 PDOP max 0.9
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 409865.0 End wk 1090 sec 409868.0

GPSVEC TP Point ID 4150 DX 4947.316 DY 2045.122
Class Normal DZ 5696.625 Code GRD
Mthd Phase Diff. H.pr 0.030 V.pr 0.042

GPSQC1 NM Min SVs 8 PDOP max 1.0
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 409887.0 End wk 1090 sec 409889.0

GPSVEC TP Point ID 4151 DX 4944.508 DY 2047.608
Class Normal DZ 5698.767 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.036

GPSQC1 NM Min SVs 8 PDOP max 0.9
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 409899.0 End wk 1090 sec 409902.0

GPSVEC TP Point ID 4152 DX 4935.502 DY 2050.852
Class Normal DZ 5705.732 Code GRD
Mthd Phase Diff. H.pr 0.046 V.pr 0.065

GPSQC1 NM Min SVs 8 PDOP max 0.9
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 409918.0 End wk 1090 sec 409921.0

GPSVEC TP Point ID 4153 DX 4933.622 DY 2052.868
Class Normal DZ 5706.849 Code GRD
Mthd Phase Diff. H.pr 0.043 V.pr 0.061

GPSQC1 NM Min SVs 8 PDOP max 0.9
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 409935.0 End wk 1090 sec 409937.0

GPSVEC TP Point ID 4154 DX 4929.909 DY 2055.953
Class Normal DZ 5709.407 Code GRD
Mthd Phase Diff. H.pr 0.029 V.pr 0.041

GPSQC1 NM Min SVs 8 PDOP max 0.8
Total GPS pos 3 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 409959.0 End wk 1090 sec 409961.0

GPSVEC TP Point ID 4155 DX 4925.559 DY 2060.535
Class Normal DZ 5712.615 Code GRD
Mthd Phase Diff. H.pr 0.030 V.pr 0.044

GPSQC1 NM Min SVs 8 PDOP max 0.9
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 409986.0 End wk 1090 sec 409989.0

GPSVEC TP Point ID 4156 DX 4911.637 DY 2072.591
Class Normal DZ 5721.705 Code GRD
Mthd Phase Diff. H.pr 0.028 V.pr 0.041

GPSQC1 NM Min SVs 8 PDOP max 1.0
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 410008.0 End wk 1090 sec 410010.0

GPSVEC TP Point ID 4157 DX 4908.592 DY 2074.910
Class Normal DZ 5723.799 Code GRD
Mthd Phase Diff. H.pr 0.036 V.pr 0.052

GPSQC1 NM Min SVs 8 PDOP max 0.9
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 410022.0 End wk 1090 sec 410026.0

GPSVEC TP Point ID 4158 DX 4906.027 DY 2077.801
Class Normal DZ 5725.334 Code GRD
Mthd Phase Diff. H.pr 0.031 V.pr 0.045

GPSQC1 NM Min SVs 8 PDOP max 0.9
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 410038.0 End wk 1090 sec 410041.0

NOTE TS Time Date 11/30/2000 Time 17:54:17

GPSVEC TP Point ID 4159 DX 4893.704 DY 2088.990
Class Normal DZ 5733.710 Code GRD
Mthd Phase Diff. H.pr 0.028 V.pr 0.040

GPSQC1 NM Min SVs 8 PDOP max 1.0
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 410065.0 End wk 1090 sec 410067.0

GPSVEC TP Point ID 4160 DX 4881.647 DY 2099.978
Class Normal DZ 5741.747 Code GRD
Mthd Phase Diff. H.pr 0.031 V.pr 0.045

GPSQC1 NM Min SVs 8 PDOP max 0.8
Total GPS pos 6 HDOP max 0.4
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 410091.0 End wk 1090 sec 410096.0

INIT KI Init event Lost Week 1090
Init type On the fly seconds 410102.0
Init counter 1 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1090
Init type On the fly seconds 410125.0
Init counter 2 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Lost Week 1090
Init type On the fly seconds 410133.0
Init counter 2 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

NOTE TS Time Date 11/30/2000 Time 18:26:38

INIT KI Init event Gained Week 1090
Init type On the fly seconds 412010.0
Init counter 3 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

NOTE KI LINE. Name: 3, Code: , Method: Two points, Start pt: 400,

NOTE KI End pt: 377, Azimuth: 137.339°, Length: 12.334ft,

NOTE KI Grade: 44.558°

SURVEY EVENTKISurvey event Communications error

INIT KI Init event Gained Week 1090
Init type On the fly seconds 412159.0
Init counter 3 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

GRDPOS KI Point ID 402 Nrth 926967.203 East 589975.084
Class Normal Elv 1061.663 Code SG 145+00W NR
Mthd User Input

NOTE KI LINE. Name: 3, Code: , Method: Two points, Start pt: 370,

NOTE KI End pt: 377, Azimuth: 103.255°, Length: 544.305ft,

NOTE KI Grade: 0.098°

INIT KI Init event Lost Week 1090
Init type On the fly seconds 412573.0
Init counter 3 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1090
Init type On the fly seconds 412753.0
Init counter 4 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

SURVEY KI Elev mask 10 PDOP mask 6.0

NOTE TS Time Date 11/30/2000 Time 19:17:16

EQUIP BA Receiver 4800 Serial no 20141803
Antenna 4800 Internal
Method Reading from hook using 4800 tape
Tape adj 0.000 Serial no <no text>
Radius 0.358 V.Const 0.104

SURVEY EVENTKISurvey event Base survey started

NOTE TS Time Date 11/30/2000 Time 19:17:33

EQUIP BA Receiver 4800 Serial no 20141803
Antenna 4800 Internal
Method Reading from hook using 4800 tape
Tape adj 0.000 Serial no <no text>
Radius 0.358 V.Const 0.104

GPSANT KI Antenna ht 5.177 Measuremt Uncorrected

EQUIP BA Receiver 4800 Serial no 20141803
Antenna 4800 Internal
Method Reading from hook using 4800 tape
Tape adj 0.000 Serial no <no text>
Radius 0.358 V.Const 0.104

GPSANT KI Antenna ht 5.177 Measuremt Uncorrected

EQUIP BA Receiver 4800 Serial no 20141803
Antenna 4800 Internal
Method Reading from hook using 4800 tape
Tape adj 0.000 Serial no <no text>
Radius 0.358 V.Const 0.104

GPSANT KI Antenna ht 5.177 Measuremt Uncorrected

GPSREF KI Reference 370

EQUIP NM Receiver 4800 Serial no 20152374
Antenna 4800 Internal
Method Measured to bottom of antenna mount
Tape adj 0.000 Serial no <no text>
Radius 0.000 V.Const 0.511

SURVEY EVENTKISurvey event Rover survey started

NOTE TS Time Date 11/30/2000 Time 19:27:12

GPSANT KI Antenna ht 0.000 Measuremt True

GPSPOS SI Point ID 370 Lat 33°32'51.5096"N Lng 112°16'40.21499"W
Class Check Hgt 974.507 Code 145+00W NR
Mthd User Input H.pr <null> V.pr <null>

GPSANT KI Antenna ht 5.269 Measuremt True

GPSREF KI Reference 370

INIT KI Init event Gained Week 1090
Init type On the fly seconds 415676.0
Init counter 1 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

EQUIP NM Receiver 4800 Serial no 20152374
Antenna 4800 Internal
Method Measured to bottom of antenna mount
Tape adj 0.000 Serial no <no text>
Radius 0.000 V.Const 0.511

GPSANT KI Antenna ht 5.906 Measuremt Uncorrected

GPSVEC TP Point ID 4161 DX 451.676 DY -242.960
Class Normal DZ -106.410 Code TOE LEVEE
Mthd Phase Diff. H.pr 0.023 V.pr 0.031

GPSQC1 NM Min SVs 8 PDOP max 0.9
Total GPS pos 5 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 415711.0 End wk 1090 sec 415716.0

GPSVEC TP Point ID 4162 DX 446.563 DY -239.471
Class Normal DZ -105.938 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.037

GPSQC1 NM Min SVs 7 PDOP max 1.0
Total GPS pos 11 HDOP max 0.5
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 415739.0 End wk 1090 sec 415749.0

GPSVEC TP Point ID 4163 DX 430.918 DY -229.987
Class Normal DZ -102.115 Code GRD
Mthd Phase Diff. H.pr 0.033 V.pr 0.045

GPSQC1 NM Min SVs 8 PDOP max 1.1
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 415772.0 End wk 1090 sec 415774.0

GPSVEC TP Point ID 4164 DX 412.579 DY -220.376
Class Normal DZ -98.309 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.038

GPSQC1 NM Min SVs 9 PDOP max 1.0
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 415792.0 End wk 1090 sec 415794.0

GPSVEC TP Point ID 4165 DX 396.241 DY -210.721
Class Normal DZ -94.355 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.039

GPSQC1 NM Min SVs 9 PDOP max 0.9
Total GPS pos 4 HDOP max 0.5
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 415808.0 End wk 1090 sec 415811.0

GPSVEC TP Point ID 4166 DX 377.550 DY -201.150
Class Normal DZ -91.755 Code GRD
Mthd Phase Diff. H.pr 0.028 V.pr 0.039

GPSQC1 NM Min SVs 8 PDOP max 1.1
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 415848.0 End wk 1090 sec 415850.0

GPSVEC TP Point ID 4167 DX 360.615 DY -190.566
Class Normal DZ -87.073 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.030

GPSQC1 NM Min SVs 8 PDOP max 1.1
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 415873.0 End wk 1090 sec 415875.0

GPSVEC TP Point ID 4168 DX 345.237 DY -180.474
Class Normal DZ -84.212 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.032

GPSQC1 NM Min SVs 8 PDOP max 1.0
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 415924.0 End wk 1090 sec 415927.0

GPSVEC TP Point ID 4169 DX 332.114 DY -171.704
Class Normal DZ -81.623 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.037

GPSQC1 NM Min SVs 8 PDOP max 1.0
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 415944.0 End wk 1090 sec 415947.0

GPSVEC TP Point ID 4170 DX 318.485 DY -163.488
Class Normal DZ -78.312 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.035

GPSQC1 NM Min SVs 8 PDOP max 1.0
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 415974.0 End wk 1090 sec 415977.0

GPSVEC TP Point ID 4171 DX 315.104 DY -160.943
Class Normal DZ -78.171 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.038

GPSQC1 NM Min SVs 8 PDOP max 1.0
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 0.8
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 415991.0 End wk 1090 sec 415994.0

GPSVEC TP Point ID 4172 DX 308.601 DY -157.784
Class Normal DZ -76.346 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.035

GPSQC1 NM Min SVs 8 PDOP max 1.1
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 416011.0 End wk 1090 sec 416013.0

GPSVEC TP Point ID 4173 DX 295.534 DY -151.349
Class Normal DZ -74.171 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.037

GPSQC1 NM Min SVs 8 PDOP max 1.1
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 416040.0 End wk 1090 sec 416042.0

GPSVEC TP Point ID 4174 DX 288.976 DY -148.753
Class Normal DZ -70.316 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.033

GPSQC1 NM Min SVs 8 PDOP max 1.1
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 416074.0 End wk 1090 sec 416076.0

GPSVEC TP Point ID 4175 DX 268.491 DY -136.904
Class Normal DZ -66.622 Code GRD
Mthd Phase Diff. H.pr 0.033 V.pr 0.047

GPSQC1 NM Min SVs 8 PDOP max 1.1
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 416118.0 End wk 1090 sec 416120.0

GPSVEC TP Point ID 4176 DX 261.875 DY -132.779
Class Normal DZ -65.499 Code GRD
Mthd Phase Diff. H.pr 0.029 V.pr 0.042

GPSQC1 NM Min SVs 8 PDOP max 1.1
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 416137.0 End wk 1090 sec 416139.0

GPSVEC TP Point ID 4177 DX 250.933 DY -126.428
Class Normal DZ -63.662 Code GRD
Mthd Phase Diff. H.pr 0.033 V.pr 0.048

GPSQC1 NM Min SVs 8 PDOP max 1.1
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 416157.0 End wk 1090 sec 416159.0

GPSVEC TP Point ID 4178 DX 237.271 DY -119.302
Class Normal DZ -60.153 Code GRD
Mthd Phase Diff. H.pr 0.031 V.pr 0.045

GPSQC1 NM Min SVs 8 PDOP max 1.2
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 416183.0 End wk 1090 sec 416185.0

GPSVEC TP Point ID 4179 DX 219.385 DY -109.834
Class Normal DZ -55.928 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.039

GPSQC1 NM Min SVs 8 PDOP max 1.2
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 416203.0 End wk 1090 sec 416205.0

GPSVEC TP Point ID 4180 DX 201.273 DY -99.910
Class Normal DZ -51.834 Code GRD
Mthd Phase Diff. H.pr 0.028 V.pr 0.041

GPSQC1 NM Min SVs 8 PDOP max 1.2
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 416239.0 End wk 1090 sec 416241.0

GPSVEC TP Point ID 4181 DX 183.208 DY -89.131
Class Normal DZ -47.671 Code GRD
Mthd Phase Diff. H.pr 0.031 V.pr 0.045

GPSQC1 NM Min SVs 8 PDOP max 1.2
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 416257.0 End wk 1090 sec 416259.0

GPSVEC TP Point ID 4182 DX 167.076 DY -80.041
Class Normal DZ -44.057 Code GRD
Mthd Phase Diff. H.pr 0.040 V.pr 0.059

GPSQC1 NM Min SVs 8 PDOP max 1.2
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 416276.0 End wk 1090 sec 416278.0

GPSVEC TP Point ID 4183 DX 148.463 DY -69.767
Class Normal DZ -40.128 Code GRD
Mthd Phase Diff. H.pr 0.038 V.pr 0.056

GPSQC1 NM Min SVs 8 PDOP max 0.9
Total GPS pos 6 HDOP max 0.5
Monitor status Yes VDOP max 0.7
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 416292.0 End wk 1090 sec 416297.0

GPSVEC TP Point ID 4184 DX 131.553 DY -60.235
Class Normal DZ -36.246 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.039

GPSQC1 NM Min SVs 8 PDOP max 1.0
Total GPS pos 4 HDOP max 0.6
Monitor status Yes VDOP max 0.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 416311.0 End wk 1090 sec 416314.0

GPSVEC TP Point ID 4185 DX 114.628 DY -49.753
Class Normal DZ -33.477 Code GRD
Mthd Phase Diff. H.pr 0.030 V.pr 0.044

GPSQC1 NM Min SVs 8 PDOP max 1.2
Total GPS pos 3 HDOP max 0.7
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 416332.0 End wk 1090 sec 416334.0

GPSVEC TP Point ID 4186 DX 102.855 DY -42.913
Class Normal DZ -30.098 Code GRD
Mthd Phase Diff. H.pr 0.021 V.pr 0.031

GPSQC1 NM Min SVs 8 PDOP max 1.2
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 416362.0 End wk 1090 sec 416364.0

GPSVEC TP Point ID 4187 DX 99.641 DY -39.159
Class Normal DZ -30.655 Code GRD
Mthd Phase Diff. H.pr 0.029 V.pr 0.043

GPSQC1 NM Min SVs 8 PDOP max 1.2
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 416383.0 End wk 1090 sec 416385.0

GPSVEC TP Point ID 4188 DX 92.049 DY -34.720
Class Normal DZ -29.159 Code GRD
Mthd Phase Diff. H.pr 0.032 V.pr 0.048

GPSQC1 NM Min SVs 8 PDOP max 1.2
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 416401.0 End wk 1090 sec 416403.0

GPSVEC TP Point ID 4189 DX 87.751 DY -33.004
Class Normal DZ -26.358 Code GRD
Mthd Phase Diff. H.pr 0.022 V.pr 0.033

GPSQC1 NM Min SVs 8 PDOP max 1.2
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 416417.0 End wk 1090 sec 416419.0

GPSVEC TP Point ID 4190 DX 81.381 DY -30.386
Class Normal DZ -26.309 Code GRD
Mthd Phase Diff. H.pr 0.038 V.pr 0.056

GPSQC1 NM Min SVs 8 PDOP max 1.2
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 416451.0 End wk 1090 sec 416453.0

GPSVEC TP Point ID 4191 DX 68.003 DY -22.127
Class Normal DZ -23.590 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.040

GPSQC1 NM Min SVs 8 PDOP max 1.2
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 416468.0 End wk 1090 sec 416470.0

GPSVEC TP Point ID 4192 DX 55.883 DY -15.292
Class Normal DZ -19.980 Code GRD
Mthd Phase Diff. H.pr 0.026 V.pr 0.039

GPSQC1 NM Min SVs 8 PDOP max 1.2
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 416487.0 End wk 1090 sec 416489.0

GPSVEC TP Point ID 4193 DX 52.334 DY -13.222
Class Normal DZ -19.953 Code GRD
Mthd Phase Diff. H.pr 0.030 V.pr 0.045

GPSQC1 NM Min SVs 8 PDOP max 1.2
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 416497.0 End wk 1090 sec 416499.0

GPSVEC TP Point ID 4194 DX 46.627 DY -11.433
Class Normal DZ -18.125 Code GRD
Mthd Phase Diff. H.pr 0.023 V.pr 0.035

GPSQC1 NM Min SVs 8 PDOP max 1.2
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 416516.0 End wk 1090 sec 416518.0

GPSVEC TP Point ID 4195 DX 34.367 DY -5.017
Class Normal DZ -15.209 Code GRD
Mthd Phase Diff. H.pr 0.025 V.pr 0.038

GPSQC1 NM Min SVs 8 PDOP max 1.2
Total GPS pos 3 HDOP max 0.6
Monitor status Yes VDOP max 1.0
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 416534.0 End wk 1090 sec 416536.0

GPSVEC TP Point ID 4196 DX 21.999 DY 1.683
Class Normal DZ -12.231 Code GRD
Mthd Phase Diff. H.pr 0.027 V.pr 0.050

GPSQC1 NM Min SVs 7 PDOP max 2.2
Total GPS pos 3 HDOP max 1.0
Monitor status Yes VDOP max 1.9
Horizontal SD 0.000 Vert SD 0.000
Start wk 1090 sec 416551.0 End wk 1090 sec 416553.0

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Init type On the fly seconds 416596.0
Init counter 1 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

NOTE TS Time Date 11/30/2000 Time 19:47:23

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Init type On the fly seconds 416855.0
Init counter 2 Point ID <no text>
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Plate V. Dist <null> Plate azimuth <null>

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Init type On the fly seconds 416860.0
Init counter 2 Point ID <no text>
Survey type Real Time Plate H. Dist <null>
Plate V. Dist <null> Plate azimuth <null>

Final Coordinate List
(Arizona State Plane, Central Zone
NAD83 and NAVD88 Datums)
For the
Land Subsidence Evaluation of the Upper Agua Fria
Levees
FCD Contract No. 99-067, Assignment 1
Portions of Tasks 3, 4 and 5
(Indian School Road to Northern Avenue)

Surveyed By;
SurvNet, Inc.
150 N. Stapley #105
Mesa, AZ 85203
(480)835-9070

Provided for:
Premier Engineering Corporation
1600 W. Broadway Rd. #165
Tempe, AZ 85282
(480)829-6000

Registered Land Surveyor
CERTIFICATE NO.
28724
MATTHEW A
GRAHAM
Date Signed
ARIZONA, U.S.A.

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426,919253.009,586388.500,1037.721,SG 55+00E NR

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4183,926937.965,590126.767,1057.250,GRD
4184,926942.599,590107.525,1057.387,GRD
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4195,926968.391,589996.764,1057.137,GRD
4196,926971.757,589982.793,1057.524,GRD
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NAVD88 to NGVD29 Adjustments
For the
Land Subsidence Evaluation of the Upper Agua Fria
Levees
FCD Contract No. 99-067, Assignment 1
Portions of Tasks 3, 4 and 5
(Indian School Road to Northern Avenue)

Surveyed By;
SurvNet, Inc.
150 N. Stapley #105
Mesa, AZ 85203
(480)835-9070

Provided for:
Premier Engineering Corporation
1600 W. Broadway Rd. #165
Tempe, AZ 85282
(480)829-6000

4 DEC 03

Registered Land Surveyor
CERTIFICATE NO.
28724
MATTHEW A
GRAHAM
Date Signed.....
ARIZONA, U.S.A.

VERTical CONversion (VERTCON) Transformation Program
Between NGVD 29 and NAVD 88
Version 2.0

==========

Station Name: 423

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 24.91389	112 17 25.51403	.578

Station Name: 4101

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 24.91586	112 17 25.52852	.578

Station Name: 424

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 34.89567	112 17 21.98567	.577

Station Name: 4102

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 34.90945	112 17 22.01153	.577

Station Name: 425

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 24.93880	112 17 25.63744	.578

Station Name: 4103

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 24.93956	112 17 25.64044	.578

Station Name: 4104

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 24.97511	112 17 25.82703	.578

Station Name: 4105

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 24.98887	112 17 25.89130	.578

Station Name: 4106

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 24.99492	112 17 25.91992	.578

Station Name: 4107

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 25.00900	112 17 25.99206	.578

Station Name: 4108

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 25.03913	112 17 26.13550	.578

Station Name: 4109

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 25.06379	112 17 26.35272	.578

Station Name: 4110

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 25.10341	112 17 26.45950	.578

Station Name: 4111

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 25.11800	112 17 26.53715	.578

Station Name: 4112

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 25.13681	112 17 26.63691	.578

Station Name: 4113

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 25.15410	112 17 26.73367	.578

Station Name: 4114

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 25.17042	112 17 26.88354	.578

Station Name: 4115

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 25.19407	112 17 26.96025	.578

Station Name: 4116

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 25.20311	112 17 27.01078	.578

Station Name: 4117

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 25.22971	112 17 27.10462	.578

Station Name: 4118

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 25.26301	112 17 27.26936	.578

Station Name: 4119

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 25.28700	112 17 27.43555	.578

Station Name: 4120

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 25.32300	112 17 27.58790	.578

Station Name: 4121

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 25.35110	112 17 27.72264	.578

Station Name: 4122

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 25.36020	112 17 27.80096	.578

Station Name: 4123

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 25.38125	112 17 27.86707	.578

Station Name: 4124

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 25.41496	112 17 28.03435	.578

Station Name: 4125

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 25.43879	112 17 28.17094	.578

Station Name: 4126

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 25.45564	112 17 28.25230	.578

Station Name: 4127

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 25.46533	112 17 28.31154	.578

Station Name: 4128

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 25.49267	112 17 28.41763	.578

Station Name: 4129

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 25.50110	112 17 28.48406	.578

Station Name: 4130

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 25.48861	112 17 28.52164	.578

Station Name: 4131

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 25.53958	112 17 28.67379	.578

Station Name: 4132

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 25.56805	112 17 28.81892	.578

Station Name: 4133

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 25.60816	112 17 28.99923	.578

Station Name: 4134

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 25.63363	112 17 29.12756	.578

Station Name: 426

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 34.96889	112 17 22.12416	.577

Station Name: 4135

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 34.99356	112 17 22.16900	.577

Station Name: 4136

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 35.03428	112 17 22.24898	.577

Station Name: 4137

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 35.12930	112 17 22.42741	.577

Station Name: 4138

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 35.20773	112 17 22.57618	.577

Station Name: 4139

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 35.30267	112 17 22.75447	.577

Station Name: 4140

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 35.38608	112 17 22.91611	.577

Station Name: 4141

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 35.42992	112 17 22.99461	.577

Station Name: 4142

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 35.46352	112 17 23.06305	.577

Station Name: 4143

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 35.51814	112 17 23.16616	.577

Station Name: 4144

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 35.57903	112 17 23.27483	.577

Station Name: 4145

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 35.64590	112 17 23.39745	.577

Station Name: 4146

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 35.68127	112 17 23.46968	.577

Station Name: 4147

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 35.78692	112 17 23.65979	.577

Station Name: 4148

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 35.87742	112 17 23.84014	.577

Station Name: 4149

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 35.97169	112 17 24.01305	.577

Station Name: 4150

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 36.05120	112 17 24.16148	.577

Station Name: 4151

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 36.07561	112 17 24.20330	.577

Station Name: 4152

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 36.13079	112 17 24.31626	.577

Station Name: 4153

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 36.14629	112 17 24.34584	.577

Station Name: 4154

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 36.17529	112 17 24.40024	.577

Station Name: 4155

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 36.21589	112 17 24.46831	.577

Station Name: 4156

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 36.32296	112 17 24.67447	.577

Station Name: 4157

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 36.34564	112 17 24.71814	.577

Station Name: 4158

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 36.36760	112 17 24.75913	.577

Station Name: 4159

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 36.46770	112 17 24.94393	.577

Station Name: 4160

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 31 36.56455	112 17 25.12494	.577

Station Name: 370

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 51.50960	112 16 40.21499	.566

Station Name: 4161

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 50.33923	112 16 34.18884	.566

Station Name: 4162

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 50.35018	112 16 34.26037	.566

Station Name: 4163

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 50.39725	112 16 34.47388	.566

Station Name: 4164

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 50.43924	112 16 34.71742	.566

Station Name: 4165

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 50.48683	112 16 34.93927	.566

Station Name: 4166

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 50.51796	112 16 35.18649	.566

Station Name: 4167

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 50.57500	112 16 35.41902	.566

Station Name: 4168

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 50.61777	112 16 35.63236	.566

Station Name: 4169

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 50.65629	112 16 35.81510	.566

Station Name: 4170

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 50.69691	112 16 36.00090	.566

Station Name: 4171

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 50.70394	112 16 36.04926	.566

Station Name: 4172

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 50.72149	112 16 36.13450	.566

Station Name: 4173

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 50.74490	112 16 36.30618	.566

Station Name: 4174

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 50.77623	112 16 36.38950	.566

Station Name: 4175

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 50.82417	112 16 36.66652	.566

Station Name: 4176

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 50.84058	112 16 36.75732	.566

Station Name: 4177

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 50.86518	112 16 36.90540	.566

Station Name: 4178

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 50.90185	112 16 37.08668	.566

Station Name: 4179

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 50.94752	112 16 37.32462	.566

Station Name: 4180

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 50.99394	112 16 37.56708	.566

Station Name: 4181

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 51.04535	112 16 37.81285	.566

Station Name: 4182

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 51.08770	112 16 38.02993	.566

Station Name: 4183

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 51.13350	112 16 38.27943	.566

Station Name: 4184

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 51.17867	112 16 38.50699	.566

Station Name: 4185

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 51.21946	112 16 38.73897	.566

Station Name: 4186

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 51.25752	112 16 38.89832	.566

Station Name: 4187

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 51.26525	112 16 38.95027	.566

Station Name: 4188

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 51.28431	112 16 39.05316	.566

Station Name: 4189

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 51.30718	112 16 39.10782	.566

Station Name: 4190

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 51.30762	112 16 39.18919	.566

Station Name: 4191

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 51.34410	112 16 39.37244	.566

Station Name: 4192

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 51.38332	112 16 39.53556	.566

Station Name: 4193

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 51.38666	112 16 39.58363	.566

Station Name: 4194

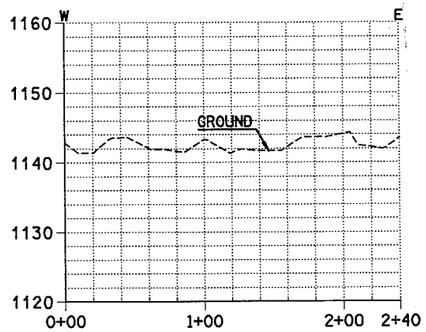
Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 51.39895	112 16 39.65403	.566

Station Name: 4195

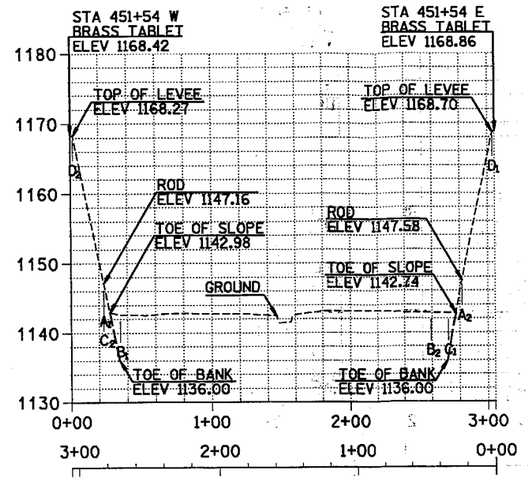
Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 51.43005	112 16 39.81680	.566

Station Name: 4196

Latitude	Longitude	NAVD 88 - NGVD 29 (meters)
33 32 51.46286	112 16 39.98203	.566

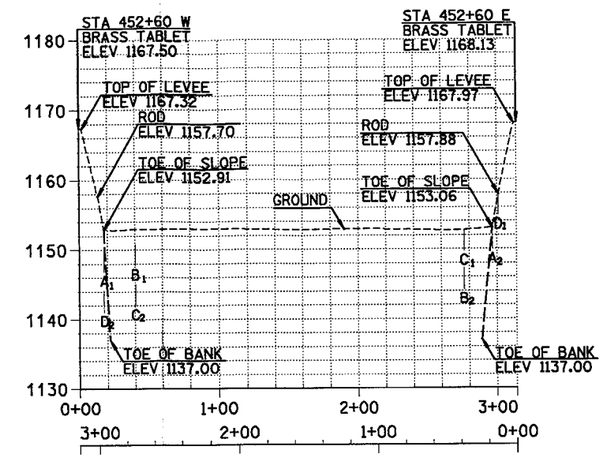


Sta 451+04
Below Grade Control



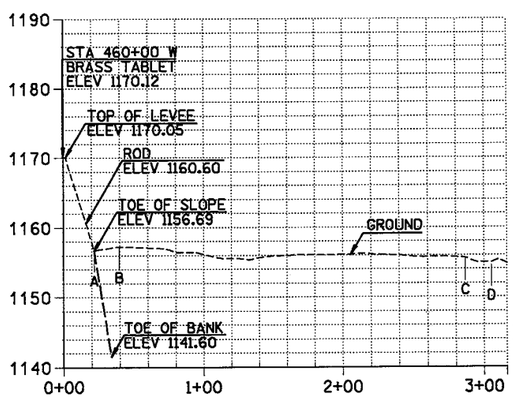
STA 451+54 W PNT	DIST FROM TABLET	ELEV
A_1	20.0'	1147.16
B_1	40.0'	1142.59
C_1	280.0'	1142.83
D_1	300.0'	1168.70
A_2	20.0'	1147.58
B_2	40.0'	1142.83
C_2	280.0'	1142.98
D_2	300.0'	1168.27

Sta 451+54
GRADE CONTROL



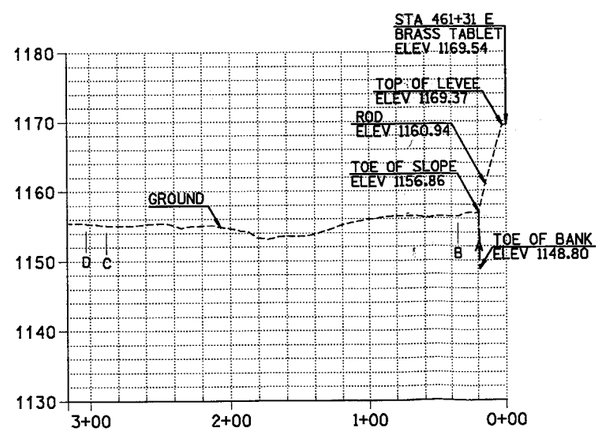
STA 452+60 PNT	DIST FROM TABLET	ELEV
A_1	20.0'	1152.91
B_1	40.0'	1152.94
C_1	280.0'	1152.73
D_1	300.0'	1157.88
A_2	20.0'	1153.06
B_2	40.0'	1152.73
C_2	280.0'	1152.94
D_2	300.0'	1152.91

Sta 452+60
DROP STRUCTURE



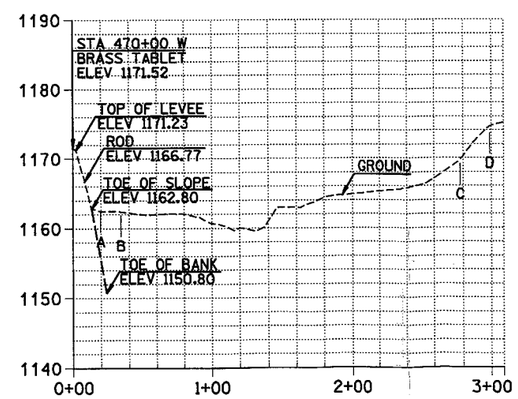
STA 460+00 PNT	DIST FROM TABLET	ELEV
A	20.0'	1156.69
B	40.0'	1157.15
C	280.0'	1155.55
D	300.0'	1154.95

Sta 460+00 W



STA 461+31 E PNT	DIST FROM TABLET	ELEV
A	20.0'	1156.86
B	40.0'	1156.31
C	280.0'	1155.10
D	300.0'	1155.32

Sta 461+31 E



STA 470+00 W PNT	DIST FROM TABLET	ELEV
A	20.0'	1162.48
B	40.0'	1162.35
C	280.0'	1169.62
D	300.0'	1174.59

Sta 470+00 W

NOTES:
ALL TOE OF BANK ELEVATIONS AND OFFSET DISTANCES TAKEN FROM AS-BUILT DRAWINGS.

ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM (NAVD) 1929 AND ALL NORTHING/EASTING COORDINATES ARE BASED ON NORTH AMERICAN DATUM OF 1983 (NAD83)

NO.	REVISION	BY	DATE
3			
2			
1			

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
ENGINEERING DIVISION

NEW RIVER LEVEE – THUNDERBIRD AVE TO GREENWAY AVE EAST & WEST BANKS THUNDERBIRD AVENUE

Registered Professional Engineer (Civil) CERTIFICATE NO. 23170 JEFFREY J. HOLZMEISTER Date Signed ARIZONA, U.S.A.

	BY	DATE
DESIGNED	D. PREMIS	12/20/00
DRAWN	M. ROSS	12/20/00
CHECKED	J. HOLZMEISTER	12/20/00

PREMIER

CROSS SECTIONS

SHEET 4 OF 4

w:\9952\Agua Fria\CADD\SkunkCreek-TBird\XSECT-tbrd01.dgn
Plotted By: MGR 18 DEC 2000 15:14:11