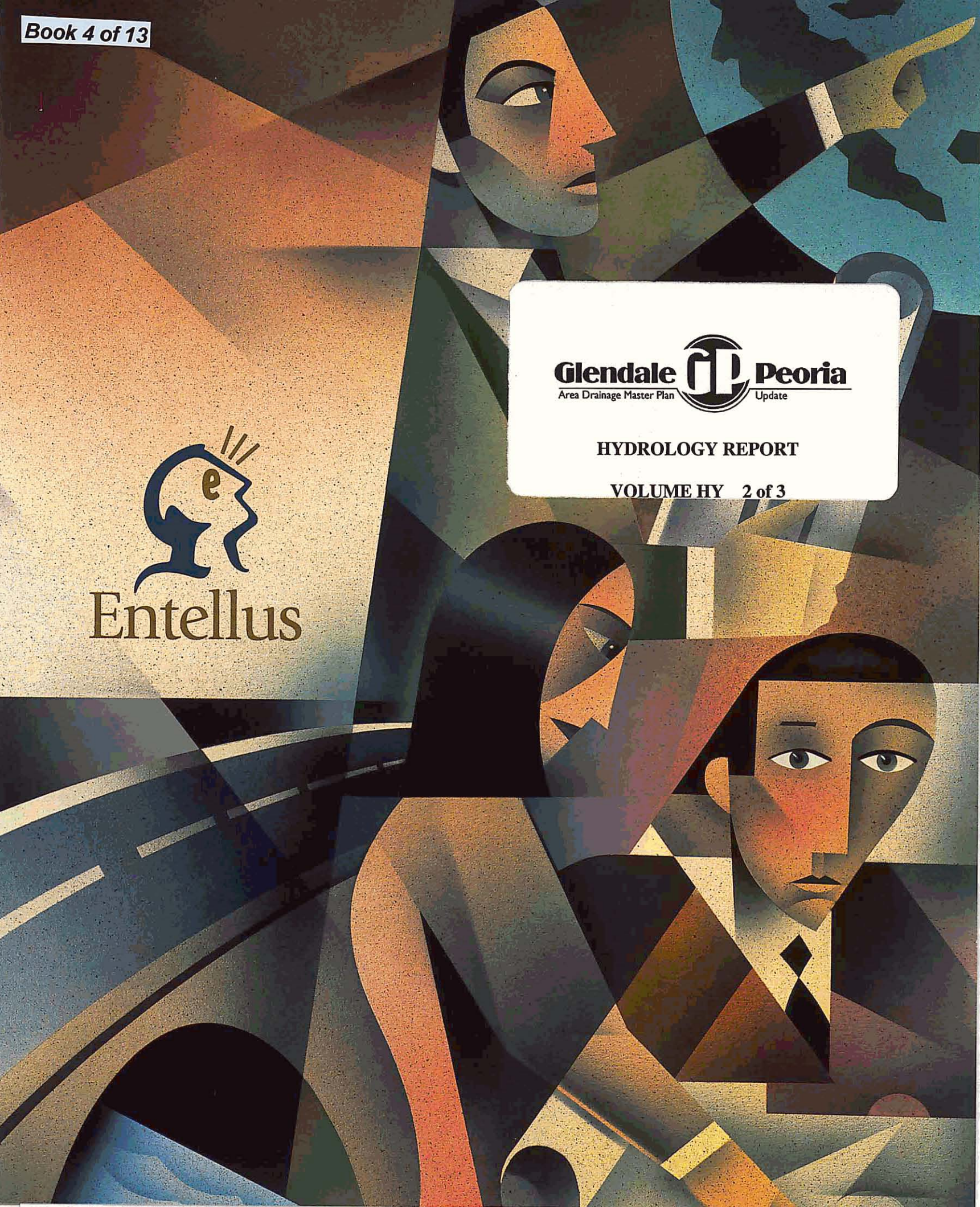
Book 4 of 13



Glendale Peoria
Area Drainage Master Plan Update

HYDROLOGY REPORT

VOLUME HY 2 of 3

Entellus

Flood Control District of Maricopa County

Property of
Flood Control District of MC Library
Please Return to
2801 W. Durango
Phoenix, AZ 85009

GLENDALE

CITY OF PEORIA

Glendale Peoria
Area Drainage Master Plan Update

HYDROLOGY REPORT

VOLUME HY 2 of 3

Contract FCD 99-44

May 30, 2001

Prepared by:

Intelligent Engineering
Environmental *Solutions*

Entellus™

2255 N. 44th Street
Suite 125
Phoenix, AZ 58008
Phone (602) 244 2566
Fax (602) 244 8947
Web: www.entellus.com

Registered Professional Engineer (Civil) CERTIFICATE NO. 34024 PATRICK A. WOLF Date Signed 5/25/01 ARIZONA, U.S.A.

Registered Professional Engineer (Civil) CERTIFICATE NO. 29737 HERNAN A. ARISTIZABAL Date Signed 5/25/01 ARIZONA, U.S.A.

REGISTERED PROFESSIONAL ENGINEER (CIVIL) CERTIFICATE NO. 20909 J. VINCE GIBBONS Date Signed 5/25/01 ARIZONA, U.S.A.

In association with:

PENTACORE ARIZONA

LOGAN SIMPSON DESIGN INC.

LTM Engineering, Inc.
3923 East Thunderbird Road Suite 26-121
Phoenix, Arizona 85032

January 29, 2001

VOLUME DESIGNATION

VOLUME ID	Volume Name	Number
DC	Data Collection	1
HY	Hydrology	2
PA	Potential Alternatives	3
AA	Alternative Analysis (Level II)	4
RA	Recommended Alternatives (Level III)	5
ZA	Zone A Floodplain Delineation	6
DS	Detailed (Section 15)	7
AL	Arrowhead Lakes Hydrology	8
AR	Administrative Report (Correspondence)	9

Note: Volume ID will be used for Section, Plate, Figure, and Table identifiers.

Glendale/Peoria Area Drainage Master Plan Update

FCD 99-44

TABLE OF CONTENTS

HYDROLOGY REPORT (VOLUME HY)

SECTION HY-1: INTRODUCTION 1:1

SECTION HY-2: ADWR/FEMA FORMS 2:1

SECTION HY-3: MAPPING AND SURVEY INFORMATION 3:1

3.1 Field Survey Information 3:1

3.2 Mapping 3:1

3.2.1 Watershed Map 3:1

3.2.2 Soils Map 3:2

3.2.3 Level II and Level III Analysis Mapping 3:2

3.2.4 Land Use Map (Existing Conditions) 3:2

3.2.5 Land Use Map (Ultimate Development) 3:2

SECTION HY-4: HYDROLOGY 4:1

4.1 Method Description 4:1

4.2 Parameter Estimation 4:2

4.2.1 Drainage Area Boundary 4:2

4.2.2 Watershed Work Map 4:2

4.2.3 Gage Data 4:4

4.2.4 Statistical Parameters 4:4

4.2.5 Precipitation 4:4

4.2.6 Physical Parameters 4:5

4.3 Problems Encountered During the Study 4:9

4.3.1 Special Problems and Solutions 4:9

4.3.2 Modeling Warning and Error Messages 4:14

4.4 Calibration 4:19
4.5 Final Results 4:19
4.5.1 Hydrologic Analysis 4:19
4.5.2 Verification of Results 4:19

SECTION HY-5: HYDRAULICS 5:1

SECTION HY-6: EROSION AND SEDIMENT TRANSPORT 6:1

SECTION HY-7: DRAFT FIS DATA 7:1

APPENDIX A. REFERENCES A:1

A.1. Data Collection Summary A:1
A.2. Reference Documents A:1
A.3. General Documentation and Correspondence A:2
A.4. Survey Field Notes A:2

APPENDIX B. PLATES B:1

APPENDIX C. COMPUTER CD C:1

APPENDIX D. 100-YR, 6-HR EXISTING CONDITIONS HEC-1 OUTPUT D:1

APPENDIX E. HYDROLOGIC ANALYSIS SUPPORTING DOCUMENTATION E:1

E.1. Precipitation Data E:2
E.2. Physical Parameter Calculations E:3
E.3. Hydrograph Routing Data E:4
E.4. Storage Routing Data E:5
E.5. Flow Splits and Diversions Data E:6
E.6. Flow Summary E:7

APPENDIX F. HYDRAULIC ANALYSIS SUPPORTING DOCUMENTATION F:1

APPENDIX G. 100-YR, 24-HR EXISTING CONDITIONS HEC-1 OUTPUT G:1

APPENDIX H. **10-YR, 6-HR EXISTING CONDITIONS HEC-1 OUTPUT H:1**

APPENDIX I. **100-YR, 6-HR FUTURE CONDITIONS HEC-1 OUTPUT I:1**

APPENDIX J. **10-YR, 6-HR FUTURE CONDITIONS HEC-1 OUTPUT J:1**

LIST OF TABLES

Table HY-1 Peak Discharges for Different Storm Events
Table HY-2 Data Collection Summary

LIST OF FIGURES

Figure HY-1 Vicinity Map
Figure HY-2 Sub-Area Boundaries
Figure HY-3 Verification of Results

LIST OF PLATES

Plate HY-1 to HY-5 HEC-1 Schematic Drawings
Plate HY-6 to HY-10 Hydrology Map
Plate HY-11 Land Use Map (Existing Conditions)
Plate HY-12 Land Use Map (Ultimate Development)
Plate HY-13 Soils Map

The modified HEC-1 model with the proposed capital improvements can be found in Appendix H of the *Glendale/Peoria Area Drainage Master Plan – Recommended Alternative – Volume RA.*

E.3. HYDROGRAPH ROUTING DATA

AGUA FRIA, NEW RIVER, AND SUN CITY SUB-AREA MODEL

GLENDALE/PEORIA ADMP UPDATE
Routing Data

Route ID	Length (ft)	Upstream Elevation (ft)	Upstream Conc. Pt	Upstream Elevation (ft)	Upstream Conc. Pt	Slope (ft/ft)	Cross Section Type (1)
RA01A	2225	1048	A01A	1042	A01	0.0027	SMALL WASH
RA01D	2541	1048	A01D	1045	A01C	0.0012	SMALL WASH
RA01F	2986	1075	A01F	1049	A01D	0.0087	SMALL WASH
RA01ES	7579	1065	A01E	1030	N01	0.0046	RURAL ROAD
RA01EW	1434	1066	A01E	1048	A01D	0.0126	SMALL WASH
RA02D	1098	1068	A02D	1065	A99F	0.0027	SMALL WASH
RA99H	2235	1070	A99H	1065	A99F	0.0022	SMALL WASH
RA02A*	2274	1070	A02A*	1063	A02A	0.0031	SMALL WASH
RA02B	1060	1075	A02B	1070	A02A*	0.0047	SMALL WASH
RA02C	5468	1093	A02C	1075	A01F	0.0033	SMALL WASH
RA03A	1390	1082	A03A	1078	A03	0.0029	SMALL WASH
RA03B	3103	1085	A03B	1082	A03A	0.0010	SMALL WASH
RA03C	4511	1205	A03C	1070	A02A*	0.0299	SMALL WASH
RA03D	2906	1082	A03D	1073	A03	0.0031	SMALL WASH
RA03E	1517	1093	A03E	1085	A03B	0.0053	SMALL WASH
RA04	3194	1092	A04	1082	A03D	0.0031	SMALL WASH
RA04A	1051	1094	A04A	1092	A04	0.0019	SMALL WASH
RN01A	2337	1037	N01A	1030	N01	0.0030	RURAL ROAD
RA05A	4306	1166.0	A05A	1130.0	A99N	0.0084	TWO WALLS
RA06	2650	1143.0	A06	1129.0	A99Q	0.0053	MEASURED
RA07	3464	1164.0	A07	1143.0	A06	0.0061	MEASURED
RA07A	1095	1156.0	A07A	1152.0	A07	0.0037	MEASURED
RA07B	2990	1163.0	A07B	1146.0	A07A	0.0057	MEASURED
RA07C	1051	1195.0	A07C	1188.0	A07D	0.0067	MEASURED
RA07D	4828	1188.0	A07D	1180.0	A07B	0.0017	MEASURED
RA07E	1771	1201.0	A07E	1194.0	A07C	0.0040	MEASURED
RA07F	2619	1212.0	A07F	1201.0	A07E	0.0042	MEASURED
RA07G	2439	1205.0	A07G	1202.0	A07E	0.0012	MEASURED
RA07H	2386	1199.0	A07H	1089.0	A07D	0.0461	MEASURED
RA08A	1747	1223.0	A08A	1213.0	A08	0.0057	SMALL WASH
RA08B	2925	1092.0	A08B	1089.0	A07D	0.0010	MEASURED
RA09AS	2658	1190.0	A09A	1182.0	A08B	0.0030	MEASURED
RA09AW	5898	1190.0	A09A	1180.0	A09	0.0017	LARGE WASH
RA09B	2497	1199	A09B	1196	A09A	0.0012	SMALL WASH
RA09C	1978	1201	A09C	1190	A09A	0.0056	MEASURED
RA09C*	841	1208	A09C	1201	A09C	0.0083	MEASURED
RA09E	2700	1240	A09E	1229	A09C*	0.0041	MEASURED
RA09FS	688	1246	A09F	1242	S30D	0.0058	MIDDLE DITCH
RA09FW	3031	1246	A09F	1240	A09E	0.0020	MEASURED
RA09GS	3990	1254	A09G	1248	A09F	0.0015	DITCH LEFT
RA09GW	1045	1254	A09G	1253	A09H	0.0010	WALL LEFT
RA09H	2604	1253.0	A09H	1248.0	A09F	0.0019	HIGHWAY
RA09IS	2683	1246.0	A09I	1243	A09E	0.0011	MEASURED
RA09IW	1283	1245	A09I	1235	X10	0.0078	MEASURED
RA09JW	1749	1258.0	CA09J	1247.0	CA09W	0.0063	DITCH LEFT
RA09JS	3199	1267	A09J	1253	A09H	0.0044	SMALL WASH
RA09KS	2831	1270	A09K	1254	A09G	0.0057	MEDIUM WASH
RA09KW	1473	1270.0	CA09K	1268.0	CX7	0.0014	HIGHWAY
RA09LS	2648	1247.0	CA09L	1242.0	CX10	0.0019	MEASURED
RA09LW	2590	1247.0	CA09L	1210.0	CA99W	0.0143	DOUBLE DITCH AND WALL
RA09M	1102	1255.0	CA09M	1248.0	CA09N	0.0064	MEASURED

GLENDALE/PEORIA ADMP UPDATE
Routing Data

Route ID	Length (ft)	Upstream Elevation (ft)	Upstream Conc. Pt	Upstream Elevation (ft)	Upstream Conc. Pt	Slope (ft/ft)	Cross Section Type (1)
RA09N	2382	1251	CA09N	1247	CA09L	0.0017	MEASURED
RA09OS	5602	1303	A09O	1268	X7	0.0062	DITCH RIGHT
RA09OW	1076	1307	CA09O	1305	CA09P	0.0019	SMALL WASH
RA09P	884	1303	A09P	1291	A09Q	0.0136	SMALL WASH
RA09QS	1655	1288	CA09Q	1276	CA09M	0.0073	MEDIUM WASH
RA09QW	2468	1290	A09Q	1251	A10A	0.0158	MEDIUM WASH
RA09RS	3928	1332	A09R	1303	A09O	0.0074	RURAL ROAD
RA09RW	1609	1332.0	CA09R	1330.0	CA09S	0.0012	HIGHWAY
RA09SS	4204	1330.0	CA09S	1290.0	CA09Q	0.0095	MEDIUM WASH
RA09SW	6792	1320.0	CA09S	1250.0	CA99Y	0.0103	MEDIUM WASH
RA09TS	2824	1344.0	A09T	1328.0	A09R	0.0057	SHALLOW FLOW
RA09TW	1615	1344.0	A09T	1340.0	X22	0.0025	DITCH LEFT
RA09US	3928	1362.0	CN11N	1332.0	CN11K	0.0076	WALL LEFT
RA09UW	2398	1362.0	A09U	1344.0	A09T	0.0075	DITCH LEFT
RA10A	2831	1250.0	CA10A	1208.0	CA10	0.0148	MEDIUM WASH
RA11*	1266	1242.0	A11	1240.0	X20	0.0016	LARGE WASH
RA11A	661	1247.0	A11A	1242.0	A11	0.0076	MEDIUM WASH
RA11C	2280	1252.0	A11C	1242.0	A11	0.0044	LARGE WASH
RA11D	3225	1262.0	A11D	1260.0	A11B	0.0006	MEDIUM WASH
RA11E	2499	1340.0	CA11E	1310.0	CA23	0.0120	LARGE WASH
RA11FN	517	1353	CA11F	1351	CA11E	0.0039	MEDIUM WASH
RA11FS	1799	1340.0	A11F	1338.0	X22	0.0011	OPEN TO OPEN
RA11GN	1364	1410	A11G	1380	CA11K	0.0220	SMALL WASH
RA11GW	2816	1410	A11G	1368	A11I	0.0149	DITCH LEFT
RA11H	5127	1375	CA11H	1300	CX23	0.0146	SMALL WASH
RA11I	3989	1370.0	CA11I	1340.0	CA11E	0.0075	LARGE WASH
RA11K	1623	1380	CA11K	1371	CA11I	0.0055	MEDIUM WASH
RA11L	2618	1389.0	A11L	1371.0	CA11I	0.0069	SMALL WASH
RA11M	2070	1399.0	A11M	1380.0	CA11K	0.0092	SMALL WASH
RA11N	1142	1401.0	CA11N	1390.0	CX21	0.0096	SMALL WASH
RA11O	1549	1406	CA11O	1390	CX21	0.0103	SMALL WASH
RA99R	2159	1220	A99R	1213	A08	0.0032	SMALL WASH
RA99T	886	1186.0	A99T	1184.0	A09C	0.0023	MEDIUM WASH
RA99Z	1995	1265.0	A99Z	1260.0	A11D	0.0025	RURAL ROAD
RN02B	3169	1052.0	N02B	1046.0	N02	0.0019	MEASURED
RN03	3072	1068.0	N03*	1057.0	N02	0.0036	MEASURED
RN03*	4858	1077.0	N03*	1068.0	N03	0.0019	MEASURED
RN03A	1914	1086.0	N03A	1068.0	N03	0.0094	MEASURED
RN03B	748	1078.0	N03B	1069.0	N03	0.0120	MEASURED
RN04	558	1078	N04	1076	N03*	0.0036	MEASURED
RN04A	3178	1086.0	N04A	1080.0	N04	0.0019	MEASURED
RN05	2728	1094.0	N05	1086.0	N04A	0.0029	MEASURED
RN05BE	1370	1119.0	N05B	1114.0	N05	0.0036	DITCH LEFT
RN05BS	2372	1119.0	N05B	1106.0	N04A	0.0055	TWO WALLS
RN05C	2873	1106.0	N05C	1093.0	N05	0.0045	MEASURED
RN06	2625	1119.0	N06	1107.0	N05	0.0046	MEASURED
RN07	6272	1136.0	N07	1119.0	N06	0.0027	MEASURED
RN08	1206	1154.0	N08	1151.0	N09	0.0025	MEASURED
RN08A	7954	1200	N08A	1154	N08	0.0058	OPEN TO OPEN
RN08B	8001	1230.0	N08B	1201.0	N08A	0.0036	TWO WALLS
RN09	4452	1151.0	NO9	1136.0	N07	0.0034	MEASURED

GLENDALE/PEORIA ADMP UPDATE
Routing Data

Route ID	Length (ft)	Upstream Elevation (ft)	Upstream Conc. Pt	Upstream Elevation (ft)	Upstream Conc. Pt	Slope (ft/ft)	Cross Section Type (1)
RN09*	2117	1162.0	N09*	1150.5	N09	0.0054	MEASURED
RN10E	3858	1178.0	N10	1162.0	N09*	0.0041	MEASURED
RN10S	1746	1176.0	N10	1166.0	X26	0.0057	TWO WALLS
RN11	4972	1196.0	N11	1178.0	N10	0.0036	MEASURED
RN11BS	4083	1213.0	N11B	1196.0	N11	0.0042	MEASURED
RN11EW	1192	1249	N11E	1248	X1	0.0008	MEASURED
RN11F	3754	1262.0	N11F	1249.0	N11C	0.0035	MEASURED
RN11GS	2875	1278.0	N11G	1262.0	N11F	0.0056	SMALL WASH
RN11GW	2318	1278.0	N11G	1274.0	A09K	0.0017	HIGHWAY
RN11HW	3854	1280.0	CN11H	1264.0	CN11H*	0.0042	DITCH AND WALL LEFT
RN11IS	3110	1278	N11I	1262	N11E	0.0051	MEASURED
RN11IW	4147	1278.0	N11F	1262.0	N11E	0.0039	MEASURED
RN11JS	5670	1314.0	N11J	1279.0	N11G	0.0062	SMALL WASH
RN11JW	1080	1314.0	N11J	1312.0	X4	0.0019	WALL RIGHT
RN11KS	5301	1314.0	N11K	1279.0	CX5	0.0066	WALL LEFT
RN11KW	2933	1333.0	N11K	1313.0	N11J	0.0068	OPEN TO OPEN
RN11LE	2673	1312.0	N11L	1308.0	N21I	0.0015	DITCH AND WALL RIGHT
RN11LS	5321	1312.0	N11L	1278.0	N11I	0.0064	TWO WALLS
RN11MS	2689	1332.0	N11M	1313.0	N11J	0.0071	WALL LEFT
RN11MW	3871	1332.0	N11M	1314.0	X4	0.0046	WALL LEFT
RN11NS	2645	1336.0	N11N	1314.0	N11K	0.0083	WALL LEFT
RN11NW	2521	1336.0	N11N	1332.0	N11M	0.0016	TWO WALLS
RN11OS	1184	1341.0	N11O	1333.0	N11M	0.0068	SHALLOW FLOW
RN11OW	2752	1339.0	CA11O	1332.0	CA09R	0.0025	MEDIUM WASH
RN11P	3159	1340.0	N11P	1312.0	N11L	0.0089	WALL RIGHT
RN12	5138	1190	N12	1164	N13	0.0051	MEASURED
RN14	7133	1184	N14	1154	N08	0.0042	MEASURED
RN14A	2048	1208.0	N14A	1184.0	N14	0.0117	SMALL WASH
RN15	3500	1206.0	N15	1184.0	N14	0.0063	MEASURED
RN15A	5536	1228.0	N15A	1206.0	N15	0.0040	MEASURED
RN15B	5757	1244	N15B	1228	N15A	0.0028	OPEN TO OPEN
RN16	4011	1225.0	N16	1206.0	N15	0.0047	MEASURED
RN17	5234	1248	N17	1225	N16	0.0044	MEASURED
RN18	3730	1263	N18	1248	N17	0.0040	MEASURED
RN19B	6101	1338.0	N19B	1298.0	N19A	0.0066	MEDIUM WASH
RN19C	4137	1378.0	N19C	1338.0	N19B	0.0097	MEDIUM WASH
RN19D	4986	1416.0	N19D	1378.0	N19C	0.0076	MEASURED
RN19E	3344	1440.0	N19E	1416.0	N19D	0.0072	SMALL WASH
RN20	5820	1218.0	N20	1190.0	N12	0.0048	MEASURED
RN21	5633	1240	N21	1218	N20	0.0039	MEASURED
RN21A	3153	1258.0	N21A	1240.0	N21	0.0057	MEASURED
RN21B	7241	1273.0	N21B	1258.0	N21A	0.0021	MEASURED
RN21C	170	1244.0	N21C	1240.0	N21	0.0235	MEASURED
RN21DE	4696	1280.0	N21D	1274.0	N23	0.0013	MEASURED
RN21DS	7844	1280.0	N21D	1244.0	N21C	0.0046	MEASURED
RN21E	1379	1287.0	N21E	1280.0	N21D	0.0051	OPEN TO OPEN
RN21F	1522	1293.0	N21F	1287.0	N21E	0.0039	MEASURED
RN21GE	1254	1296.0	N21G	1290.0	N21H	0.0048	WALL RIGHT
RN21GS	2795	1296.0	N21G	1278.0	N21E	0.0064	MEASURED
RN21H	1812	1290.0	N21H	1288.0	N24D	0.0011	MEASURED
RN21I	2703	1310.0	N21I	1293.0	N21F	0.0063	TWO WALLS

GLENDALE/PEORIA ADMP UPDATE
Routing Data

Route ID	Length (ft)	Upstream Elevation (ft)	Upstream Conc. Pt	Upstream Elevation (ft)	Upstream Conc. Pt	Slope (ft/ft)	Cross Section Type (1)
RN21JE	1741	1324.5	N21J	1319.5	N24G*	0.0029	OPEN TO OPEN
RN21JS	2691	1324.5	N21J	1310.0	N21K	0.0054	SMALL WASH
RN21KE	1820	1333.0	N21K	1325.0	N24J	0.0044	WALL LEFT
RN21KS	2820	1335.0	N21K	1310.0	N21I	0.0089	OPEN TO OPEN
RN21ZE	2413	1310	N21Z	1304	N24G*	0.0025	DITCH RIGHT
RN21ZS	2677	1310.0	N21Z	1296.0	N21G	0.0052	WALL RIGHT
RN21ZW	871	1310.0	N21Z	1309.0	N21I	0.0011	WALL LEFT
RN22AE	1322	1279.0	N22A	1277.0	N21D	0.0015	OPEN TO OPEN
RN22AW	1304	1279.0	N22A	1278.0	N11I	0.0008	WALL LEFT
RN22BE	1403	1292.0	N22B	1291.0	N21F	0.0007	WALL RIGHT
RN22BS	2633	1292.0	N22B	1279.0	N22A	0.0049	TWO WALLS
RN22W	1764	1250.0	N22	1246.0	N11E	0.0023	WALL LEFT
RN23	6182	1274.0	N23	1240.0	N21	0.0055	MEASURED
RN23AS	6853	1292.0	N23A	1258.0	N21A	0.0050	TWO WALLS
RN23AW	3230	1292.0	N23A	1274.0	N23	0.0056	TWO WALLS
RN24	2795	1286.0	N24	1274.0	N23	0.0043	MEASURED
RN24B	1291	1321.5	N24B	1314.0	*N24B	0.0058	TWO WALLS
RN24BS	1314	1314.0	*N24B	1306.0	X30	0.0061	MEASURED
RN24BW	1203	1314.0	*N24B	1304.0	*N24C	0.0083	TWO WALLS
RN24C	1954	1298.0	N24C	1286.0	N24	0.0061	MEASURED
RN24C*	1188	1304.0	*N24C	1298.0	N24C	0.0051	MEASURED
RN24E	1585	1302.0	N24E	1290.0	N24D	0.0076	MEDIUM WASH
RN24G	1400	1308.0	N24G	1294.0	N24F	0.0100	MEASURED
RN24G*	2913	1319.5	N24G*	1304.0	N24G	0.0053	MEASURED
RN24I	2747	1336.0	N24I	1319.5	N24G*	0.0060	MEASURED
RN24I*	4645	1360.0	N24I*	1338.0	N24I	0.0047	MEDIUM WASH
RN24J	688	1338.0	N24J	1334.0	N24I	0.0058	MEDIUM WASH
RN24L	1704	1380.0	N24L	1360.0	N24I*	0.0117	SMALL WASH
RN24M	1013	1366.0	N24M	1360.0	N24I*	0.0059	MEDIUM WASH
RN24N	4720	1368.0	N24N	1338.0	N24J	0.0064	MEDIUM WASH
RN24O	1635	1392.0	N24O	1380.0	N24P	0.0073	SMALL WASH
RN24P	650	1308.0	N24P	1266.0	N24U*	0.0646	SMALL WASH
RN24Q	1688	1416.0	N24Q	1392.0	N24O	0.0142	SHALLOW FLOW
RN24R	1587	1421.0	N24R	1392.0	N24O	0.0183	SHALLOW FLOW
RN24S	2530	1423.0	N24S	1380.0	N24P	0.0170	SHALLOW FLOW
RN24T	1972	1419.0	N24T	1380.0	N24P	0.0198	SHALLOW FLOW
RN24U	1304	1402.0	N24U	1376.0	N24U*	0.0199	SHALLOW FLOW
RN24U*	1056	1376.0	N24U*	1372.0	N24B*	0.0038	SMALL WASH
RN24V	1649	1392.0	N24V	1372.0	N24B*	0.0121	SHALLOW FLOW
RN24V*	1292	1372.0	N24V*	1366.0	N24M	0.0046	SMALL WASH
RN25	2939	1305.0	N25	1286.0	N24	0.0065	MEASURED
RN25AS	1409	1310.0	N25A	1302.0	N24C	0.0057	TWO WALLS
RN25BS	2410	1318.0	N25B	1306.0	*N24C	0.0050	MEASURED
RN25BW	2030	1318.0	N25B	1304.0	N25A	0.0069	WALL RIGHT
RN25CS	1547	1322.0	N25C	1314.0	*N24B	0.0052	TWO WALLS
RN25CW	485	1322.0	N25C	1318.0	N25B	0.0082	WALL RIGHT
RN25DS	2839	1336.0	N25D	1321.0	N24B	0.0053	OPEN TO OPEN
RN25DW	2674	1337.0	N25D	1322.0	N25C	0.0056	WALL RIGHT
RN25ES	2578	1350.0	N25E	1337.0	N25D	0.0050	OPEN TO OPEN
RN25EW	1650	1350.0	N25E	1342.0	N25F	0.0048	OPEN TO OPEN
RN25F	3636	1341.0	N25F	1315.0	N25B	0.0072	SMALL WASH

GLENDALE/PEORIA ADMP UPDATE
Routing Data

Route ID	Length (ft)	Upstream Elevation (ft)	Upstream Conc. Pt	Upstream Elevation (ft)	Upstream Conc. Pt	Slope (ft/ft)	Cross Section Type (1)
RN25G	2633	1332.0	N25G	1312.0	N25I	0.0076	SHALLOW FLOW
RN25I	1522	1312.0	N25I	1305.0	N25	0.0046	MEASURED
RN25J	2548	1324.0	N25J	1312.0	N25I	0.0047	MEASURED
RN25KS	2074	1346.0	N25K	1332.0	N25G	0.0068	SHALLOW FLOW
RN25KW	2562	1346.0	N25K	1324.0	N25J	0.0086	OPEN TO OPEN
RN25LS	1703	1358.0	N25L	1341.0	N25F	0.0100	SHALLOW FLOW
RN25LW	1995	1358.0	N25L	1345.0	N25K	0.0065	OPEN TO OPEN
RN25MS	3470	1384.0	N25M	1350.0	N25E	0.0098	MEASURED
RN25MW	1114	1383.1	N25M	1380.0	X3	0.0028	OPEN TO OPEN
RN25N	725	1387.0	N25N	1380.0	X3	0.0097	MEASURED
RN25O	5837	1404.0	N25O	1338.0	N27	0.0113	MEASURED
RN25O*	2524	1424.0	N25O*	1404.0	N25O	0.0079	MEASURED
RN25P	1257	1384.0	N25P	1378.0	N24U*	0.0048	DITCH AND WALL RIGHT
RN25Q	1662	1450.0	N25Q	1390.0	N25M*	0.0361	TWO WALLS
RN25R	2400	1470.0	N25R	1390.0	N25M*	0.0333	TWO WALLS
RN25S	1477	1469.0	N25S	1424.0	N25O*	0.0305	TWO WALLS
RN26	1667	1334.0	N26	1324.0	N25J	0.0060	MEASURED
RN27	1501	1338.0	N27	1334.0	N26	0.0027	MEASURED
RN27B	1515	1350.0	N27B	1338.0	N27	0.0079	MEASURED
RN27C	490	1354.0	N27C	1350.0	N27B	0.0082	MEASURED
RN27DS	4205	1382.0	N27D	1338.0	N27	0.0105	MEASURED
RN27DW	4283	1382.0	N27D	1338.0	N27	0.0103	MEDIUM WASH
RN27E	1575	1364.0	N27E	1353.0	N27C	0.0070	MEDIUM WASH
RN27F	1409	1386.0	N27F	1372.0	N27G	0.0099	SMALL WASH
RN27G	1925	1372.0	N27G	1353.0	N27C	0.0099	MEDIUM WASH
RN27H	2852	1381.0	N27H	1353.0	N27C	0.0098	MEDIUM WASH
RN27I	3709	1386.0	N27I	1350.0	N27B	0.0097	MEDIUM WASH
RN27JS	1121	1390.0	N27J	1382.0	N27D	0.0071	MEASURED
RN27JW	4085	1390.0	N27J	1350.0	N27B	0.0098	MEDIUM WASH
RN27K	1922	1490.0	N27K	1485.0	N27L	0.0026	MEASURED
RN27L	1009	1434.0	N27L	1424.0	N25O	0.0099	MEASURED
RS01	733	1086	S01	1078	N03	0.0109	MEASURED
RS01A	1563	1096.0	S01A	1092.0	S01	0.0026	MEASURED
RS01B	1419	1107.0	S01B	1105.0	S01A	0.0014	TWO WALLS
RS01C	1239	1105.0	S01C	1102.0	S01B	0.0024	TWO WALLS
RS01D	3831	1121.0	S01G	1112.0	S01D	0.0023	TWO WALLS
RS01E	3245	1116.4	S01E	1106.0	S01C	0.0032	TWO WALLS
RS01F	3731	1118.0	S01F	1107.0	S01B	0.0029	TWO WALLS
RS01G	5223	1136.0	S01G	1121.0	S01D	0.0029	TWO WALLS
RS01H	2756	1126.0	S01H	1118.0	S01E	0.0029	TWO WALLS
RS01I	2591	1128.0	S01I	1118.0	S01F	0.0039	TWO WALLS
RS10	562	1132.0	N06	1129.0	S10	0.0053	MEASURED
RS10B	2012	1142.0	S10B	1130.0	S10	0.0060	MEASURED
RS10C	2665	1142.0	S10C	1130.0	S10	0.0045	MEASURED
RS10E*	1289	1144.0	S10E*	1142.0	S10F*	0.0016	MEASURED
RS10E	1822	1155.0	S10E	1147.0	S10E*	0.0044	MEASURED
RS10F	2906	1154.0	S10F	1142.0	S10F*	0.0041	MEASURED
RS10F*	2976	1142.0	S10F*	1138.0	S10C	0.0013	MEASURED
RS10G	2152	1150.0	S10G	1144.0	X40	0.0028	MIDDLE DITCH
RS10IS	2001	1172.0	S10I	1162.0	S10N	0.0050	TWO WALLS
RS10IW	440	1172.0	S10I	1170.0	S10KM	0.0045	TWO WALLS

GLENDALE/PEORIA ADMP UPDATE
Routing Data

Route ID	Length (ft)	Upstream Elevation (ft)	Upstream Conc. Pt	Upstream Elevation (ft)	Upstream Conc. Pt	Slope (ft/ft)	Cross Section Type (1)
RS10JS	1052	1176.0	S10J	1172.0	S10I	0.0038	TWO WALLS
RS10JW	218	1176.0	S10J	1174.0	S10KN	0.0092	RURAL ROAD
RS10K	2792	1162.0	S10K	1150.0	S10G	0.0043	MIDDLE DITCH
RS10KM	1941	1170.0	S10KM	1162.0	S10K	0.0041	MIDDLE DITCH
RS10KN	1032	1174.0	S10KN	1170.0	S10KM	0.0039	MIDDLE DITCH
RS10M	5164	1163.0	S10M	1147.0	S10E*	0.0031	MIDDLE DITCH
RS10NS	3090	1162.0	S10N	1150.0	S10G	0.0039	TWO WALLS
RS10NW	248	1162.0	S1ON	1160.0	S10K	0.0081	TWO WALLS
RS10P	8110	1180.0	S10P	1155.0	S10E*	0.0031	SHALLOW FLOW
RS10Q	2335	1188.0	S10Q	1178.0	S10O	0.0043	MIDDLE DITCH
RS10RS	3531	1190.0	S10R	1178.0	N10	0.0034	TWO WALLS
RS10RW	4553	1190.0	S10R	1178.0	S10O	0.0026	TWO WALLS
RS10S	1434	1200.0	S10S	1197.0	S10Q	0.0021	MIDDLE DITCH
RS10T	1703	1194.0	S10T	1191.0	S10S	0.0018	MEASURED
RS10U	2399	1202.0	S10U	1196.0	S10T	0.0025	RURAL ROAD
RS10V	3095	1208.0	S10V	1202.0	S10U	0.0019	SHALLOW FLOW
RS20	1217	1150.0	S10	1135.0	A99N	0.0123	MEASURED
RS20A	1407	1151.0	S20A	1147.0	S20	0.0028	MEASURED
RS30	691	1167.0	S30	1163.0	A07B	0.0058	MEASURED
RS30AS	6201	1205.0	S30A	1180.0	S10P	0.0040	MIDDLE DITCH
RS30AW	4919	1212.0	S30A	1191.0	S30	0.0043	MIDDLE DITCH
RS30BS	3286	1206.0	S30B	1200.0	S10S	0.0018	MIDDLE DITCH
RS30BW	5060	1209.0	S30B	1205.0	S30A	0.0008	MIDDLE DITCH
RS30D	6176	1245.0	A09F	1231.0	S30B	0.0023	MIDDLE DITCH
RX10W	1283	1244	X10	1239	X11	0.0039	MEASURED
RX11S	2513	1239	X11	1229	A09C*	0.0040	MEASURED
RX11W	1963	1230	X11	1188	A99V	0.0214	SMALL WASH
RX1S	5367	1248	X1	1222	N11B	0.0048	DOUBLE DITCH AND WALL
RX1W	2475	1248.0	X1	1246	N11D	0.0008	DOUBLE DITCH AND WALL
RX21	1814	1390	CX21	1380	CA11K	0.0055	MEDIUM WASH
RX22	1803	1338	CX22	1308	CX23	0.0166	SMALL WASH
RX23	4061	1310	CX23	1280	CA11A	0.0074	LARGE WASH
RX25E	1817	1262	CX25	1255	CA09R	0.0039	DITCH RIGHT
RX25W	2604	1262	CX25	1255	CA09R	0.0027	SMALL WASH
RX26S	3763	1168	CX26	1156	CN07	0.0032	TWO WALLS
RX30S	2790	1306.0	X30	1292.0	N23A	0.0050	WALL LEFT
RX30W	2598	1306.0	X30	1293.0	N24A	0.0050	MEASURED
RX40S	1867	1144.0	X40	1140.0	S10D	0.0021	MIDDLE DITCH
RX40E	1961	1144.0	X40	1142.0	C10B	0.0010	MEASURED
RX50E	2549	1262.0	X50	1254.0	CN22	0.0031	MEASURED
RX50W	2586	1262.0	X50	1250.0	CN11E	0.0046	MEASURED
RX3S	3183	1379.0	X3	1350	N25E	0.0091	OPEN TO OPEN
RX3W	5525	1380.0	X3	1335	N25A	0.0081	MEASURED
RX4	2164	1305	X4	1300	A09O	0.0023	HIGHWAY
RX5S	5270	1279	CX5	1248	CX11	0.0059	TWO WALLS
RX5W	1292	1280	CX5	1279	CN11H	0.0008	RURAL ROAD
RX7S	860	1265	X7	1262	X25	0.0035	DITCH RIGHT
RX7W	1268	1257	CX7	1256	CA09J	0.0008	SMALL WASH

Note: (1) The sketches for the cross section types are attached, the measured cross section type refers to cross sections that were measured from the field or topography.

GLENDALE/PEORIA ADMP UPDATE
Routing Data

Route ID	Length (ft)	Upstream		Downstream		Slope (ft/ft)	Cross Section Type
		Elevation (ft)	Conc. Pt	Elevation (ft)	Conc. Pt		
RA21A	1,805	1,312.00	A21A	1,303.80	X30	0.0045	Man-made Channel
RA21AB	1,300	1,269.00	CA21AB	1,265.80	CA21AD	0.0025	48" RCP
RA21AD	1,300	1,265.50	CA21AD	1,262.20	A21AEC	0.0025	48" RCP
RA21AE	1,225	1,262.00	A21AEC	1,258.90	CA21AG	0.0025	48" RCP
RA21AG	950	1,258.50	CA21AG	1,256.10	CA21AK	0.0025	48" RCP
RA21B	1,000	1,316.00	A21B	1,296.00	CN19A	0.0200	Natural Wash
RA21C	900	1,317.00	A21C	1,308.00	CA21K	0.0100	Channel & Golfcourse
RA21D	950	1,308.00	A21D	1,300.85	CA21E	0.0075	Street
RA21ES	850	1,294.00	DA21E	1,290.20	CA21K	0.0045	Wash
RA21F	550	1,342.00	A21F	1,317.25	CA21AG	0.0450	Street
RA21F	550	1,314.00	A21F	1,301.90	CA21AG	0.0220	Golfcourse
RA21I	1,910	1,308.00	A21I	1,291.70	CA21J	0.0085	Street
RA21J	1,325	1,286.00	A21JRR	1,276.10	CA21N	0.0075	Channel/Golfcourse
RA21L	1,225	1,284.00	A21LRR	1,277.90	CA21O	0.0050	Channel
RA21M	950	1,286.00	A21MRR	1,281.70	CA21O	0.0045	Street
RA21P	500	1,278.00	A21PRR	1,275.50	CA21Q	0.0050	24" RCP
RA21T	1,050	1,268.00	A21TRR	1,262.80	CA21E	0.0050	24" RCP
RA21US	2,200	1,262.00	A21URR	1,256.40	CA21AK	0.0025	24" PVC
RA21Z	750	1,276.00	LA21Z	1,272.25	CA21AB	0.0050	Channel
R21A25	978	1290	C21A25	1282	C21A27	0.0082	Subdivision Road ***(1)**
R21A23	1204	1288	C21A23	1282	C21A28	0.0050	Grassed Swale
R21A39	1068	1259	C21A39	1253	C21A40	0.0056	Drainage Channel ***(1)**
R21A38	1231	1266	C21A38	1258	CN21B2	0.0065	67th Avenue ***(1)**
R21A43	2955	1253	CN21B2	1249	C21A99	0.0014	ADOT 101 Channel
R21A91	2194	1249	C21A99	1246	C21A92	0.0014	ADOT 101 Channel
R21A3	421	1280	C21A3	1276	C21A5	0.0095	Grassed Swale
R21A1	533	1276	C21A1	1275	C21A5	0.0019	Grassed Swale
R21A7	1314	1280	C21A8	1276	C21A7	0.0030	Grassed Swale
R21A5	378	1275	C21A5	1274.5	C21A8	0.0013	Grassed Swale
R21A6	441	1276	C21A6	1275	C21A8	0.0023	Grassed Swale
R21A8	1108	1276	C21A8	1268	C21A11	0.0072	Grassed Swale
R21A9	672	1273	C21A99	1268	C21A11	0.0074	Grassed Swale
R21A11	402	1262	C21A11	1260	C21A14	0.0050	Roadside Channel ***(1)**
R21A16	585	1257	C21A16	1255	C21A20	0.0034	Roadside Channel ***(1)**
R21A18	877	1256	C21A18	1248	C21A92	0.0091	ADOT 101 Channel
R21A22	2699	1278	C21A22	1267	C21A39	0.0041	71st Avenue ***(1)**
R21A4	860	1284	C21A4	1278	C21A6	0.0070	Grassed Swale
RN21B	1808	1252	C21B2	1250.5	C21A43	0.0008	ADOT 101 Channel
R21A44	1334	1254	C21A44	1250.5	C21A43	0.0026	ADOT 101 Channel

Notes: **(1)** These cross sections were measured by topography in AutoCad.

Entellus™

SHEET 1 OF 8

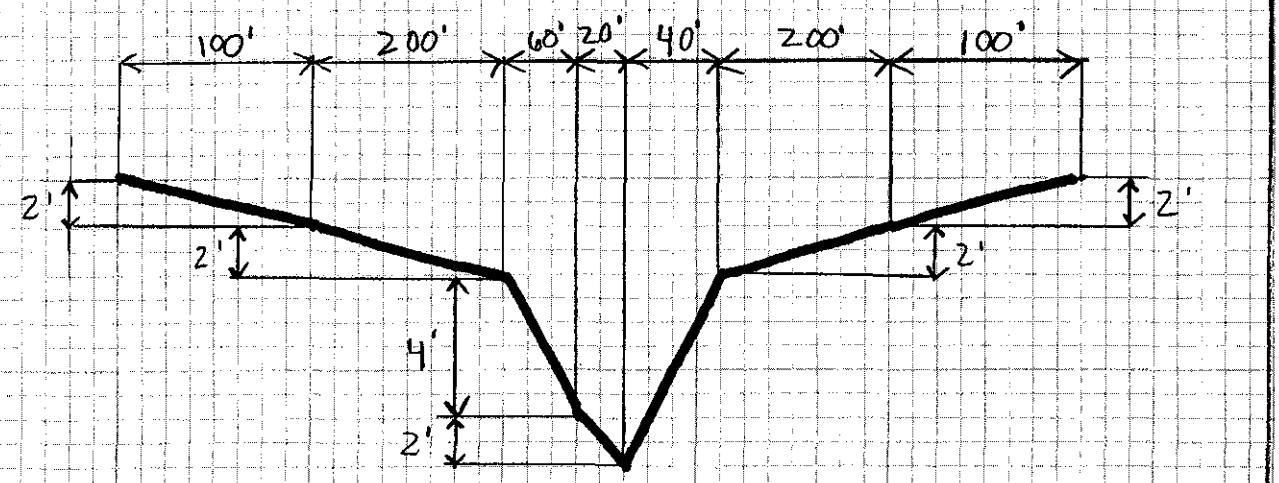
BY PAW DATE 7/11

CHECK _____ DATE _____

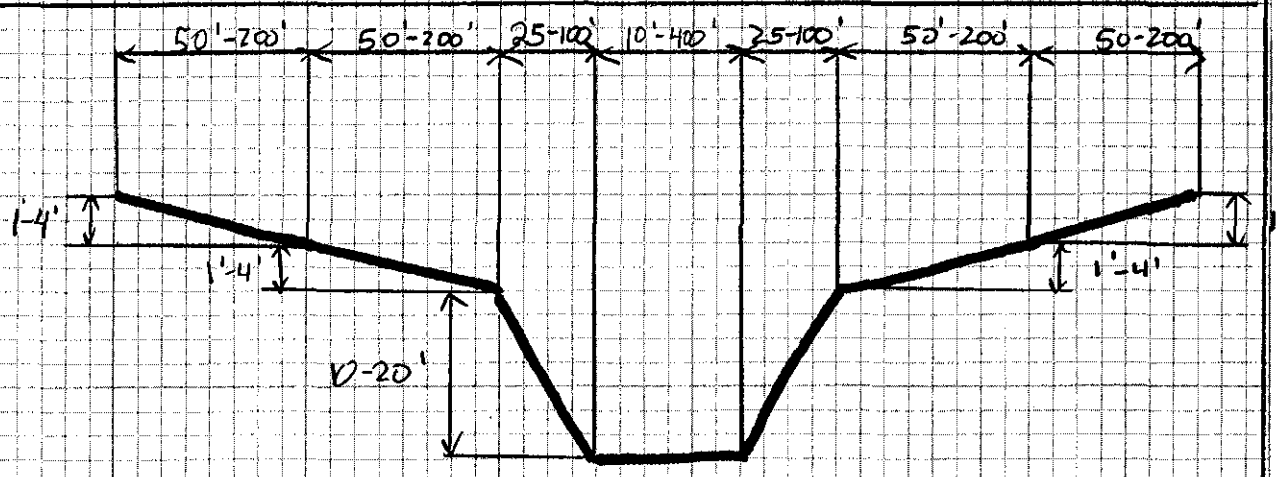
CLIENT G/P ADMP UPDATE

JOB NAME CROSS SECTION TYPE DRAWINGS

JOB NO. _____



MEDIUM WASH



LARGE WASH

Entellus™

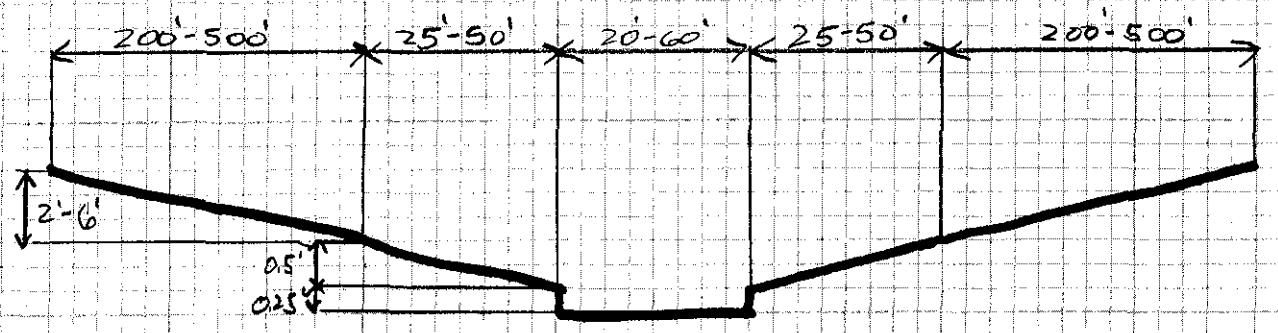
SHEET 2 OF 8

BY PAW DATE 7/11

CHECK _____ DATE _____

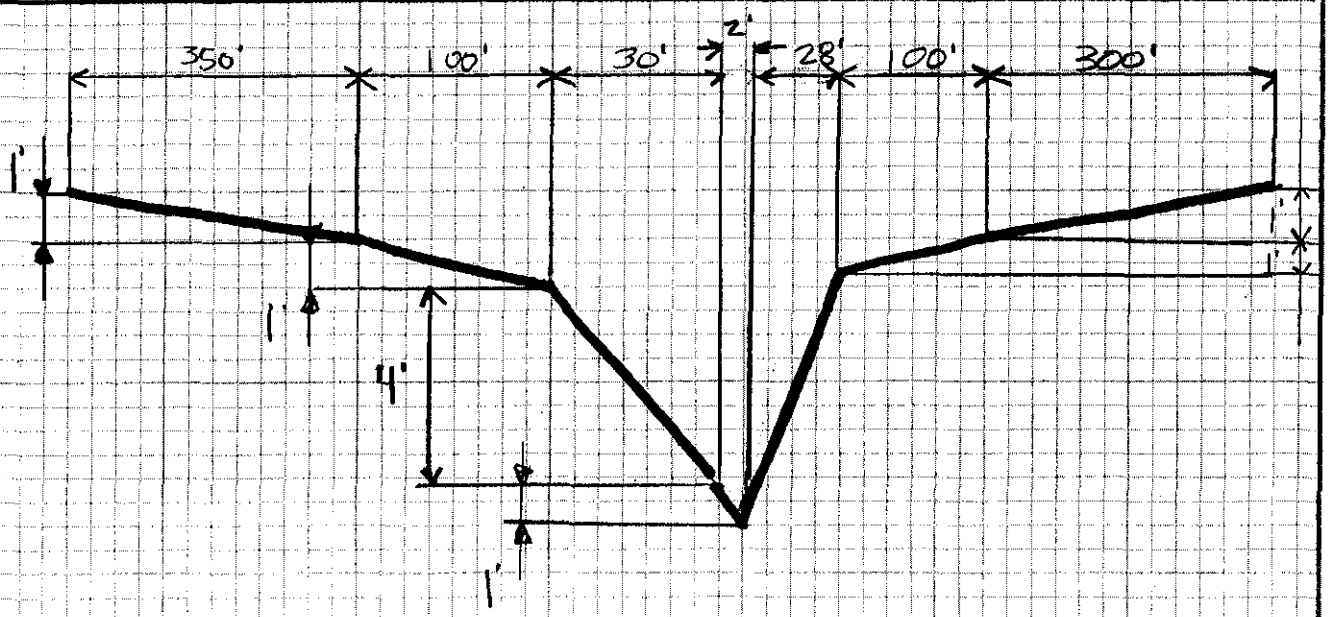
CLIENT G/P ADMP UPDATE

JOB NAME CROSS SECTION TYPE DRAWINGS JOB NO. _____



OPEN TO OPEN

(Road with curb and gutter)



SMALL WASH

Entellus™

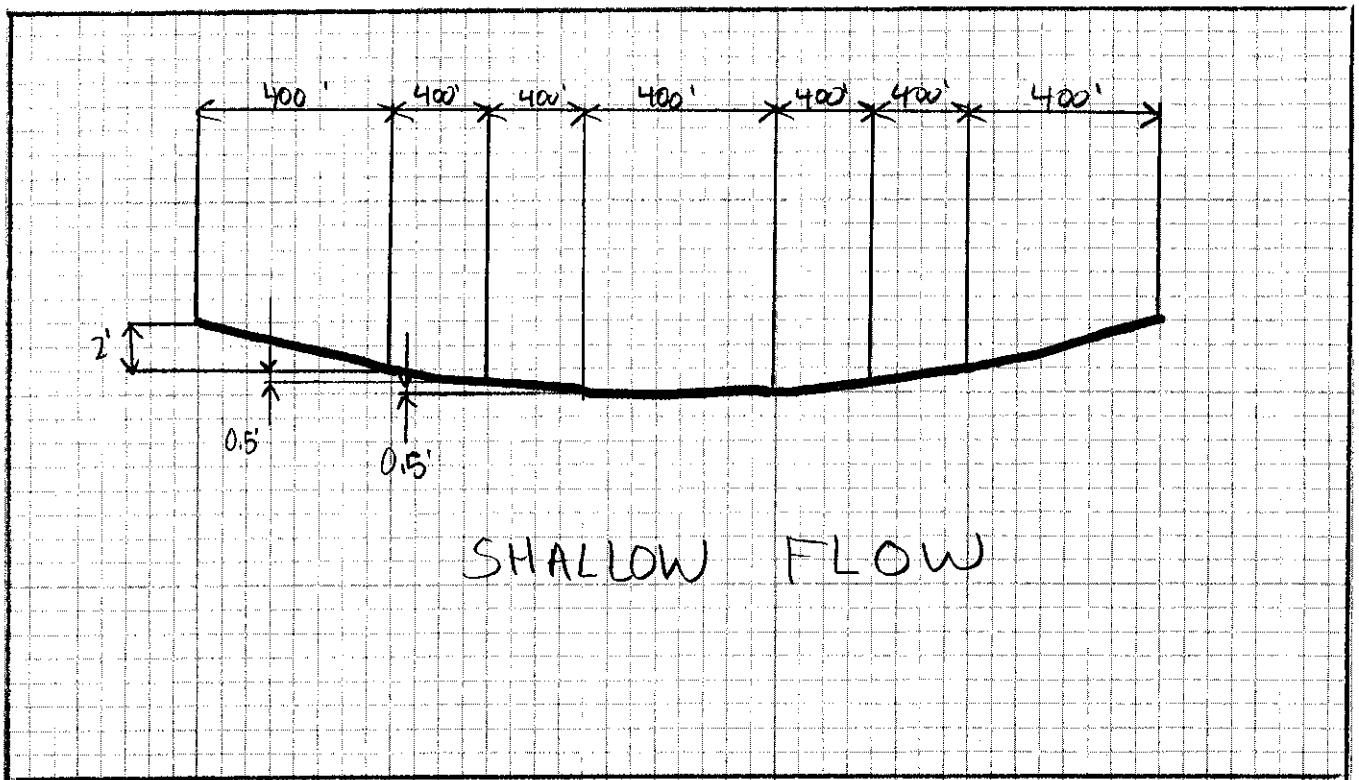
SHEET 3 OF 8

BY PAW DATE 7/11

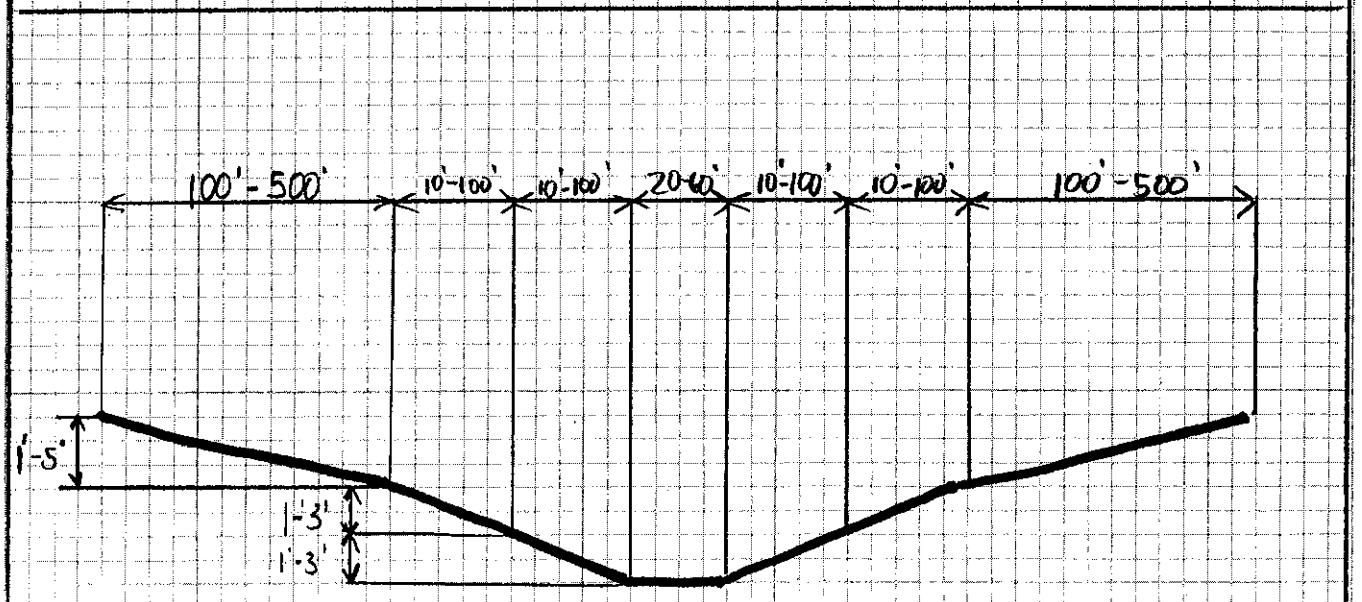
CHECK _____ DATE _____

CLIENT G/P ADMP UPDATE

JOB NAME CROSS SECTION TYPE DRAWINGS JOB NO. _____



SHALLOW FLOW



RURAL ROAD

Entellus™

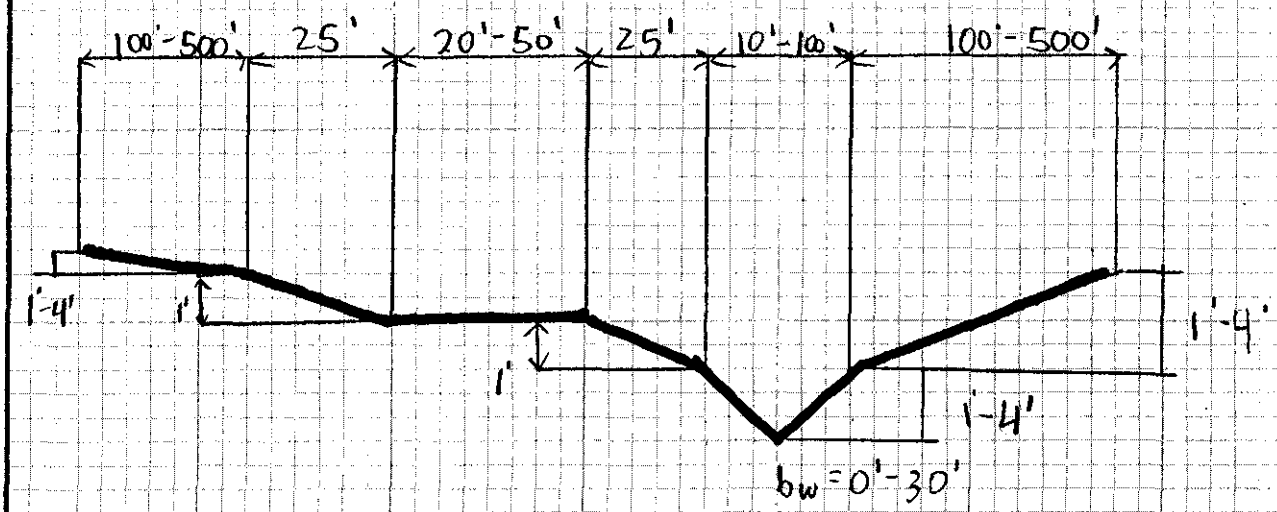
SHEET 4 OF 8

BY PAW DATE 7/11

CHECK _____ DATE _____

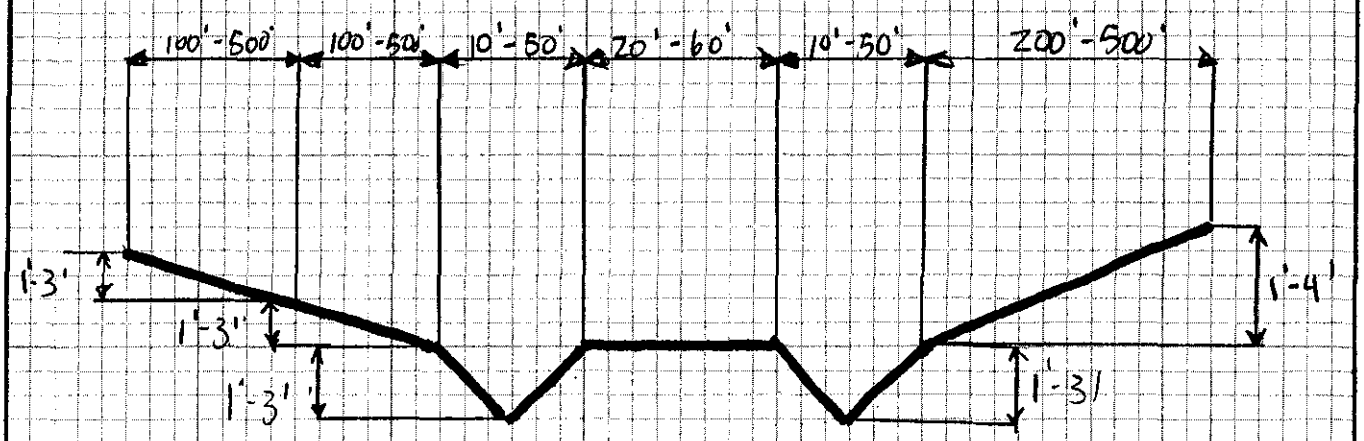
CLIENT G/P ADMP UPDATE

JOB NAME CROSS SECTION TYPE DRAWINGS JOB NO. _____



DITCH RIGHT

(Ditch to the Right side of the Road)



HIGHWAY

(Typical Highway Cross Section)

Entellus™

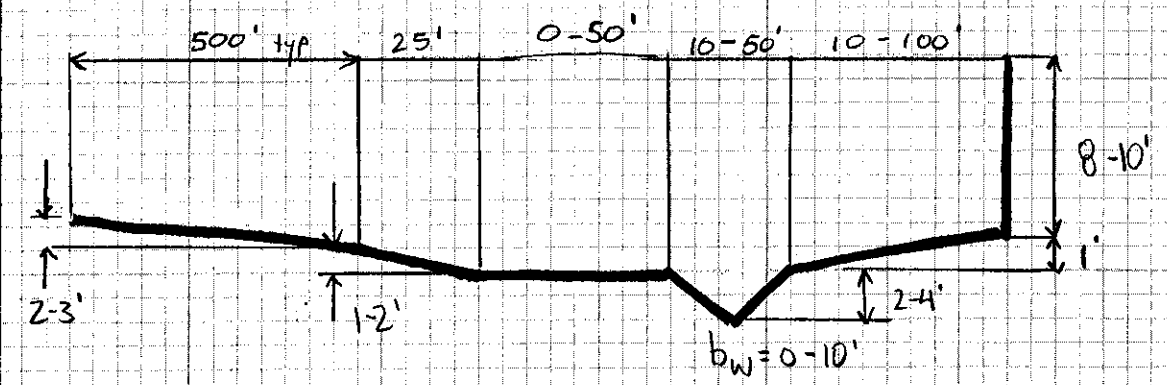
SHEET 5 OF 8

BY PAW DATE 7/11

CHECK _____ DATE _____

CLIENT G/P ADMP UPDATE

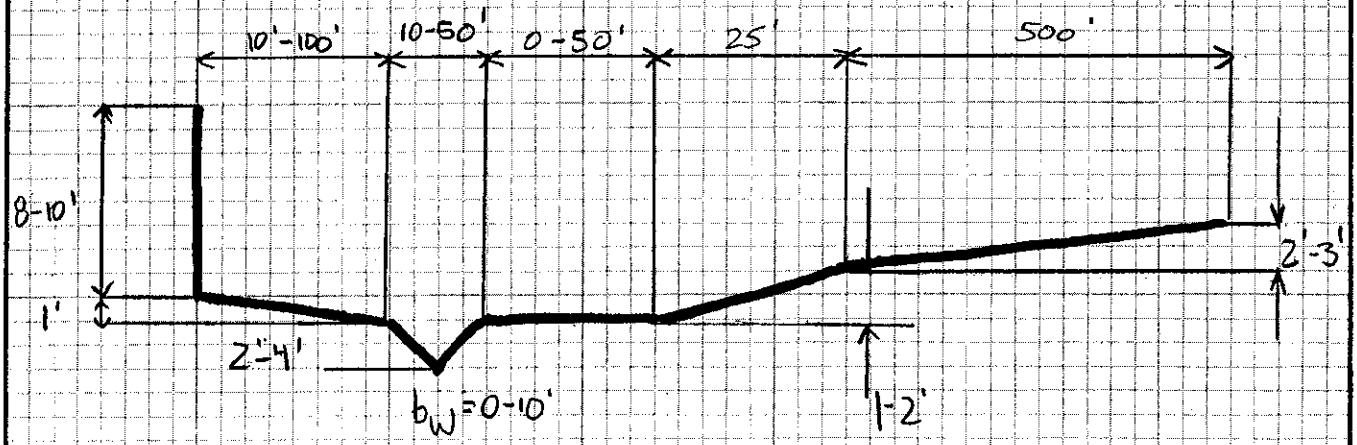
JOB NAME CROSS SECTION TYPE DRAWINGS JOB NO. _____



DITCH AND WALL RIGHT

(Road with a small ditch and a wall/home to the right)

Note: Road may not be in place



DITCH AND WALL LEFT

(Road with a small ditch and a wall/home to the left)

Note: Road may not be in place

Entellus™

SHEET 6 OF 8

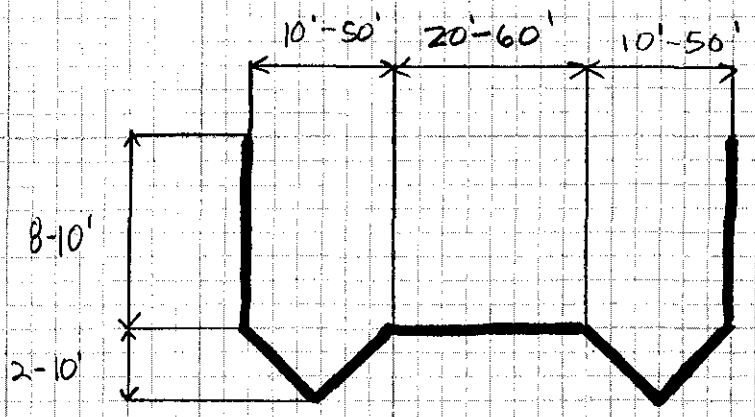
BY PAW DATE 7/11

CHECK _____ DATE _____

CLIENT G/P ADMP UPDATE

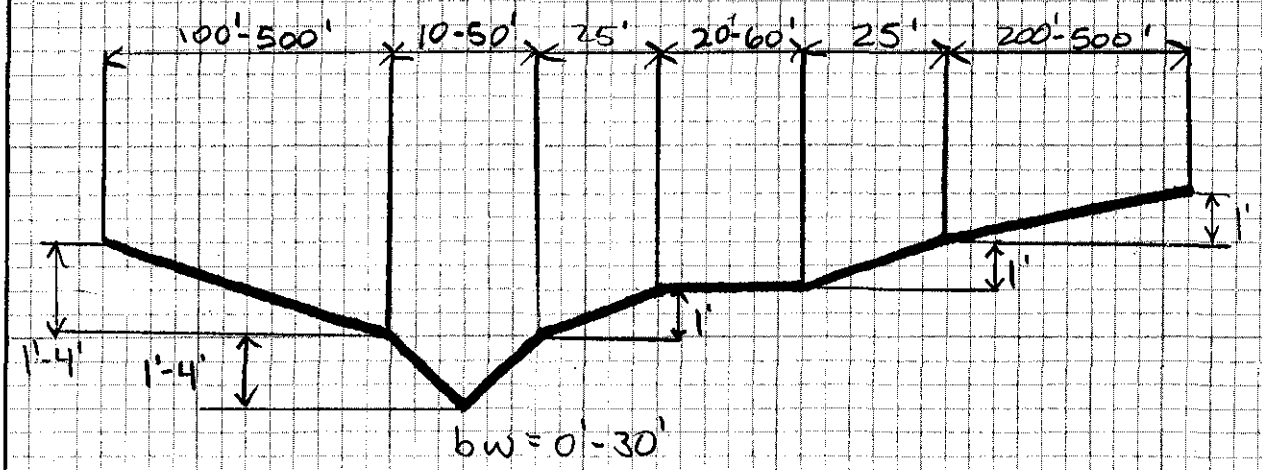
JOB NAME CROSS SECTION TYPE DRAWINGS

JOB NO. _____



DOUBLE DITCH AND WALL

(Ditches and walls/homes on both sides)



DITCH LEFT

(Ditch to the left side of the road)

Entellus™

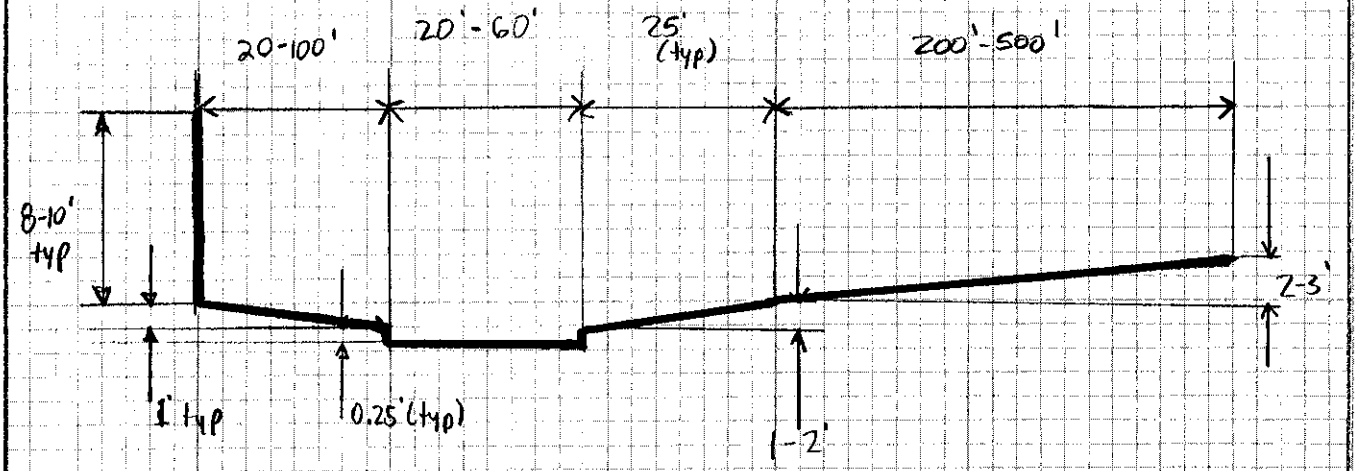
SHEET 7 OF 8

BY PAW DATE 7/11

CHECK _____ DATE _____

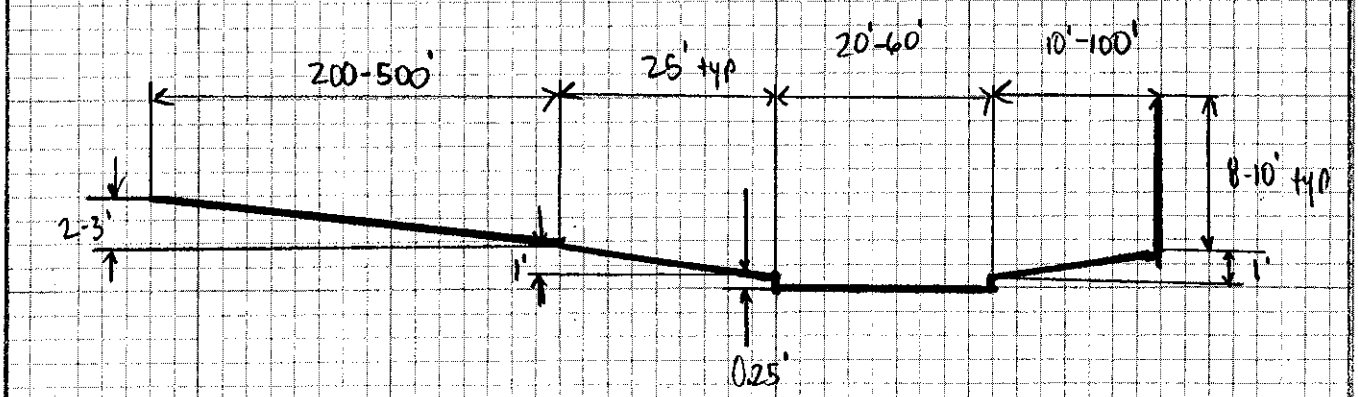
CLIENT G/P ADMP UPDATE

JOB NAME CROSS SECTION TYPE DRAWINGS JOB NO. _____



WALL LEFT

(Curb & Gutter Road w/ a wall or home on left Side)



WALL RIGHT

(Curb & Gutter Road w/ a wall or home on Right Side

Entellus™

SHEET 8 OF 8

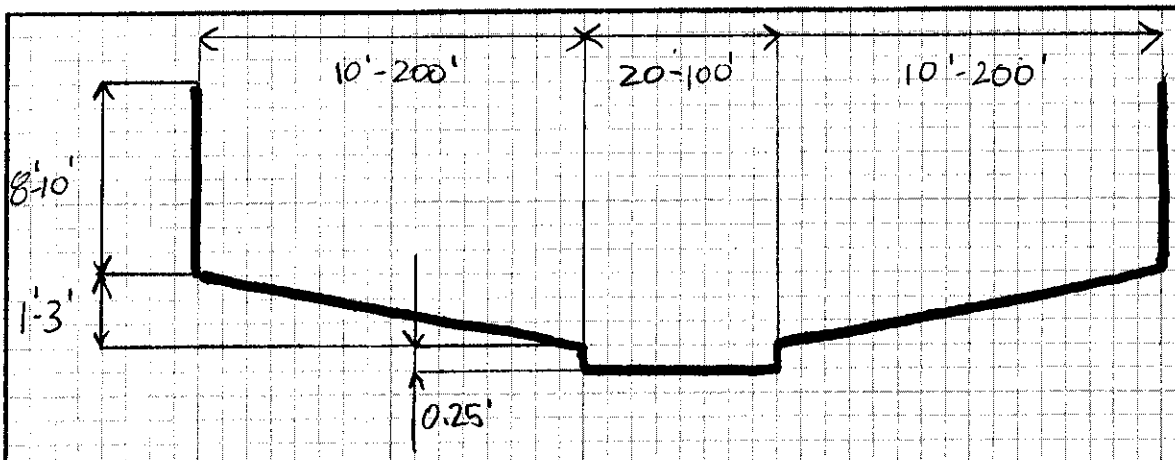
BY PAW DATE 7/11

CHECK _____ DATE _____

CLIENT G/P ADMP UPDATE

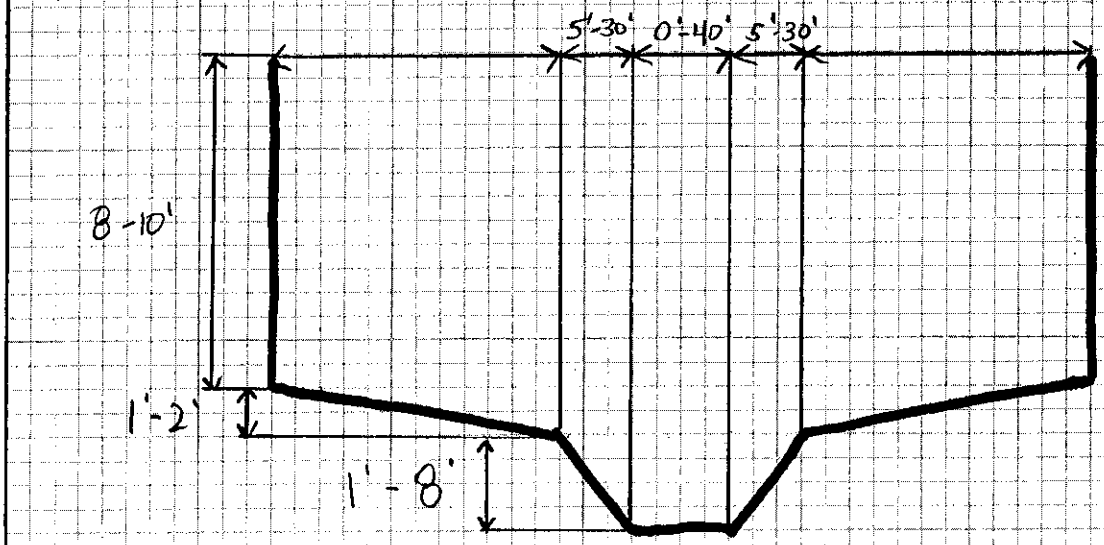
JOB NAME CROSS SECTION TYPE DRAWINGS

JOB NO. _____



TWO WALLS

(Walls or homes on both sides with no ditch)



MIDDLE DITCH

(Ditch is in center of roadway with walls/homes on both sides)

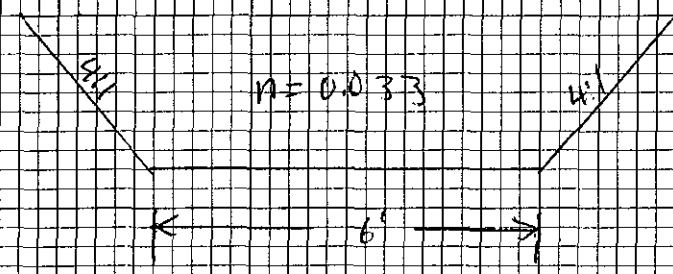
PENTACORE
ARIZONA
Civil Engineering • Construction Administration
Land Surveying • Planning • ADA Consulting

Job No. 5043.0001 Sheet 1 of

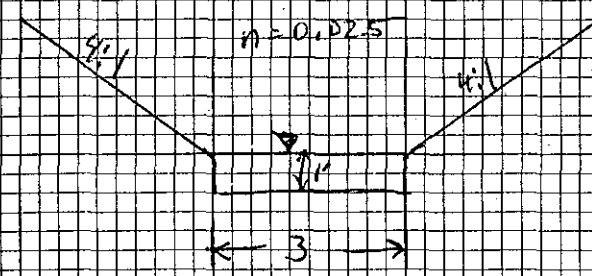
Project Glendale/Peoria ADMP - Arrowhead Lakes Option

Subject Cross Sections

Designed By _____ Date _____ Checked By _____ Date _____



Route RA21A Man-Made Channel (Earth)



Route RA21C Running Creek Through Golf Course

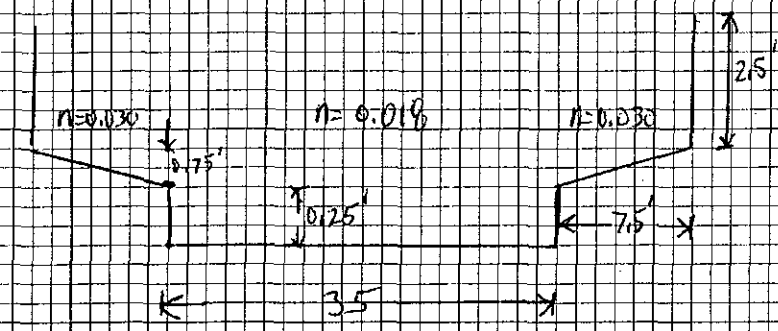
PENTACORE
ARIZONA
Civil Engineering • Construction Administration
Land Surveying • Planning • ADA Consulting

Job No. _____ Sheet 2 of _____

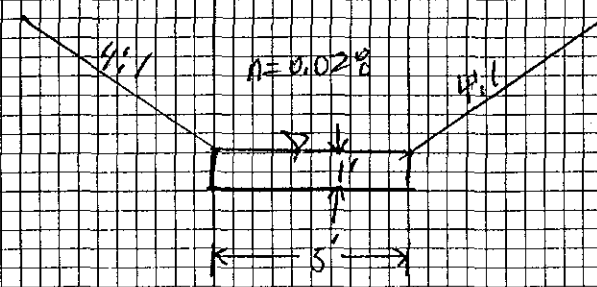
Project _____

Subject _____

Designed By _____ Date _____ Checked By _____ Date _____



Route RA21D Local Street (Typical)
Route RA21F
Route RA21I



Route RA21ES Existing Running Creek (Typical)
Route RA21L

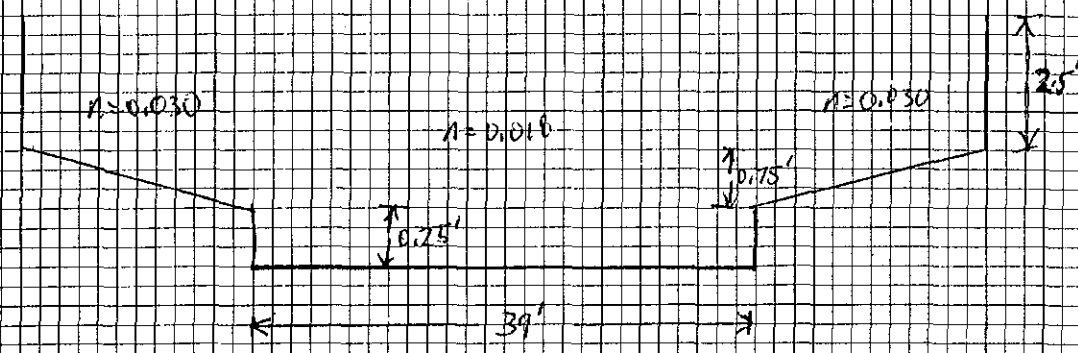
PENTACORE
ARIZONA
Civil Engineering • Construction Administration
Land Surveying • Planning • ADA Consulting

Job No. _____ Sheet 3 of _____

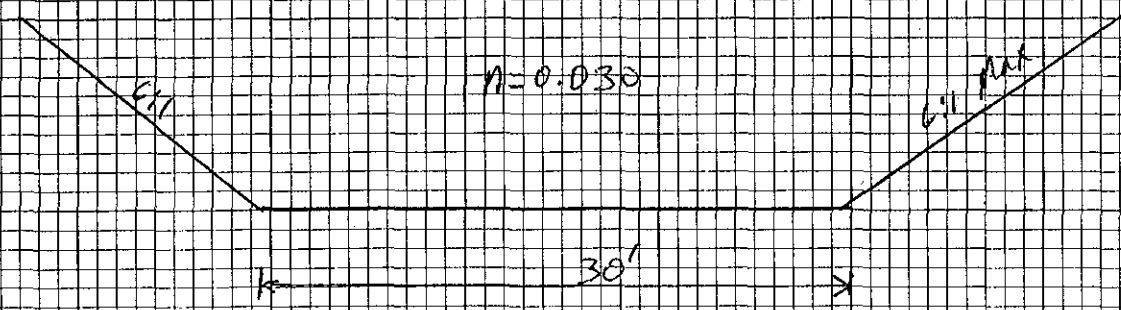
Project _____

Subject _____

Designed By _____ Date _____ Checked By _____ Date _____



Route RA21M collector street (typical)



Route RA21F Golf Course Field (typical)
Route RA21J

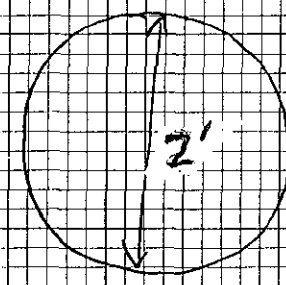
PENTACORE
ARIZONA
Civil Engineering • Construction Administration
Land Surveying • Planning • ADA Consulting

Job No. _____ Sheet 4 of _____

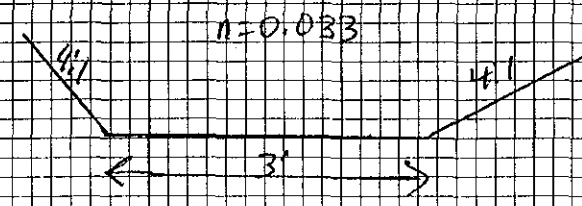
Project _____

Subject _____

Designed By _____ Date _____ Checked By _____ Date _____



Route RA21P 24" PIPE (TYPICAL)
Route RA21T
Route RA21US



Route RA21Z Existing ADOT Swale

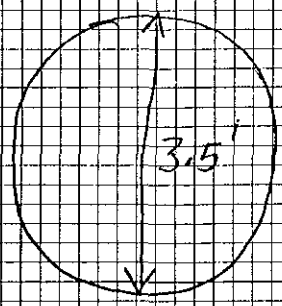
PENTACORE
ARIZONA
Civil Engineering • Construction Administration
Land Surveying • Planning • ADA Consulting

Job No. _____ Sheet 5 of _____

Project _____

Subject _____

Designed By _____ Date _____ Checked By _____ Date _____



Route RA21AB Existing 42" ADOT Pipe
Route RA21AD
Route RA21AE
Route RA21AG

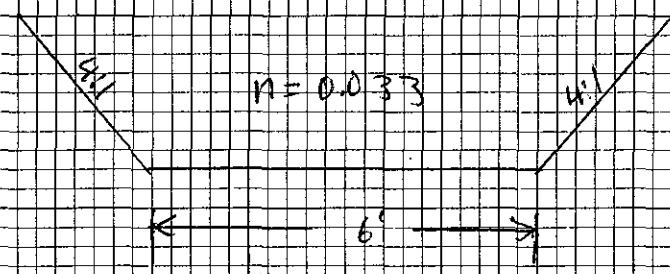
PENTACORE
ARIZONA
Civil Engineering • Construction Administration
Land Surveying • Planning • ADA Consulting

Job No. 5043.0001 Sheet 1 of 6

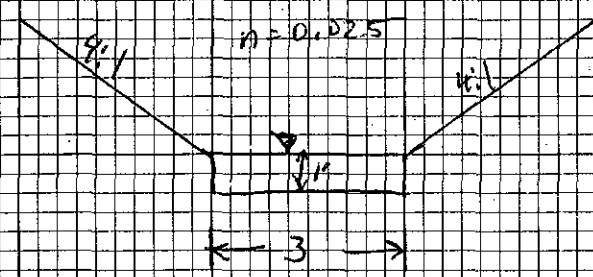
Project Glendale/Peoria ADMP - Arrowhead Lakes Option

Subject Cross Sections

Designed By _____ Date _____ Checked By _____ Date _____



Route RA21A Man-Made Channel (Earth)



Route RA21C Running Creek Through Golf Course

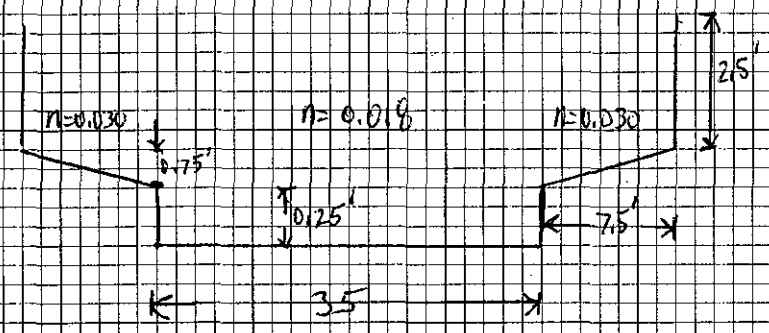
PENTACORE
ARIZONA
Civil Engineering • Construction Administration
Land Surveying • Planning • ADA Consulting

Job No. _____ Sheet 2 of 6

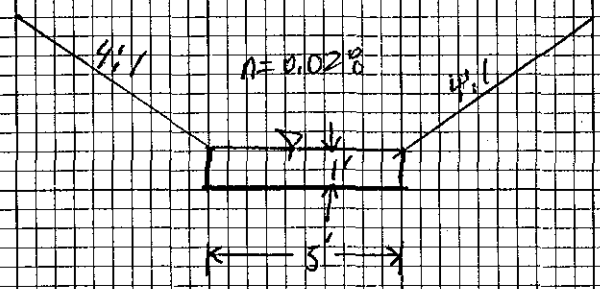
Project _____

Subject _____

Designed By _____ Date _____ Checked By _____ Date _____



Route RA21D Local Street (Typical)
Route RA21F
Route RA21I



Route RA21ES Existing Running Creek (Typical)
Route RA21L

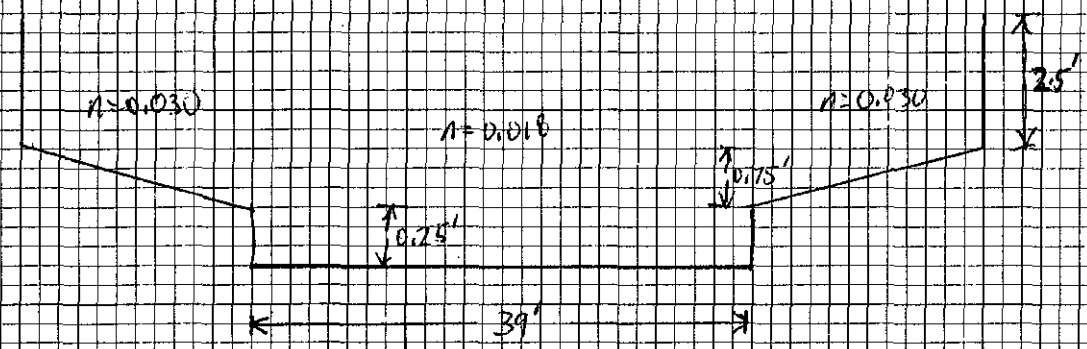
PENTACORE
ARIZONA
Civil Engineering • Construction Administration
Land Surveying • Planning • ADA Consulting

Job No. _____ Sheet 3 of 6

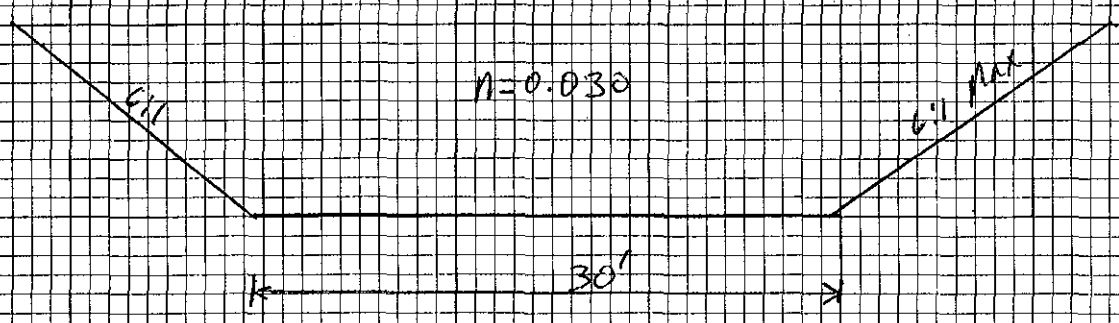
Project _____

Subject _____

Designed By _____ Date _____ Checked By _____ Date _____



Route RA21M Collector Street (typical)



Route RA21F Golf Course Field (typical)
Route RA21J

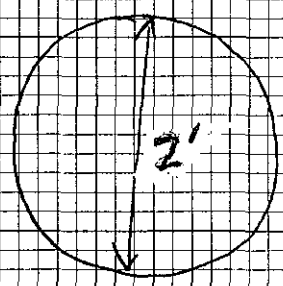
PENTACORE
ARIZONA
Civil Engineering • Construction Administration
Land Surveying • Planning • ADA Consulting

Job No. _____ Sheet 4 of 6

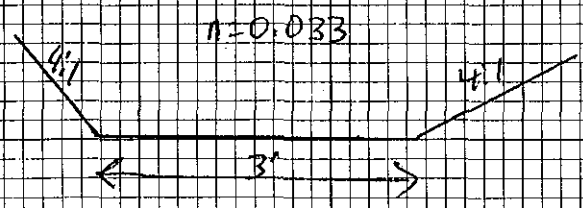
Project _____

Subject _____

Designed By _____ Date _____ Checked By _____ Date _____



Route RA21P 24" PIPE (TYPICAL)
Route RA21T
Route RA21US



Route RA21Z Existing ADOT Swale

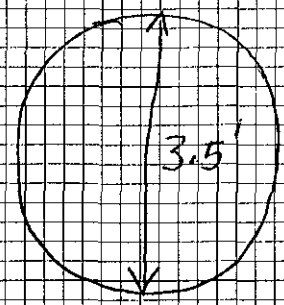
PENTACORE
ARIZONA
Civil Engineering • Construction Administration
Land Surveying • Planning • ADA Consulting

Job No. _____ Sheet 5 of 6

Project _____

Subject _____

Designed By _____ Date _____ Checked By _____ Date _____

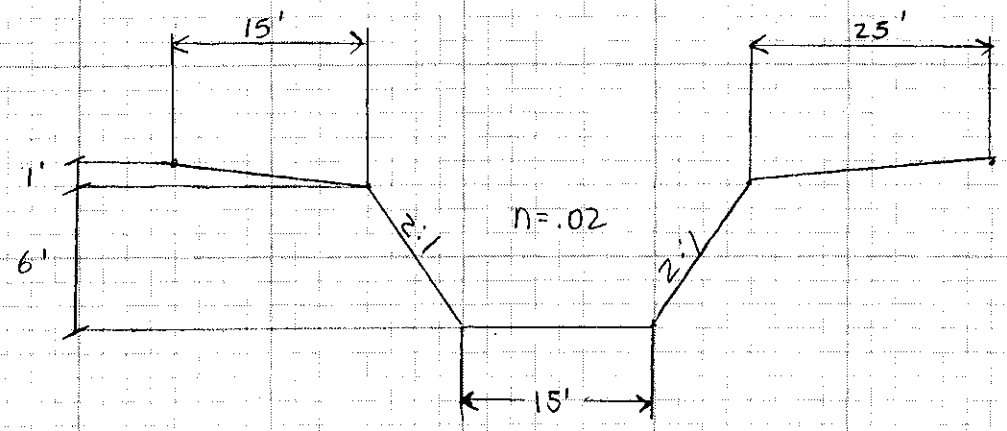


Route RA21AB Existing 42" ADOT Pipe
Route RA21AD
Route RA21AE
Route RA21AG

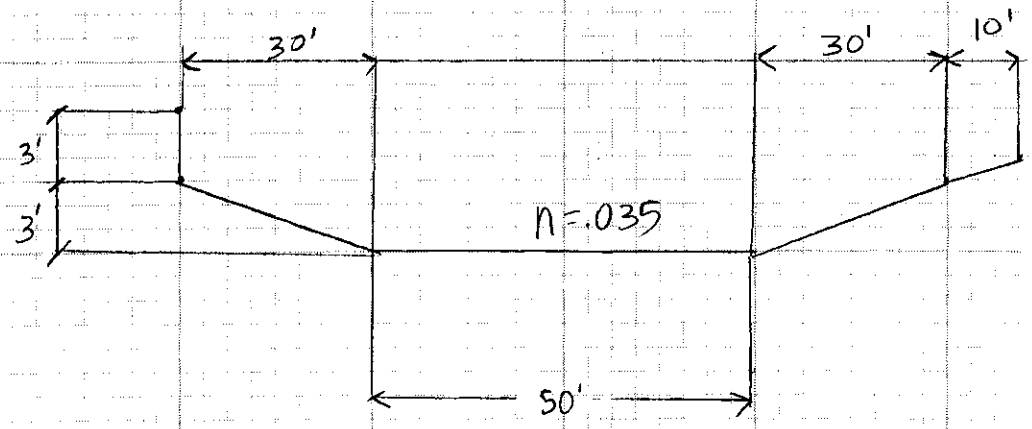
Entellus™

SHEET 6 OF 6
BY PAW DATE
CHECK DATE

CLIENT FCDMC
JOB NAME Glendale / Peoria ADMP- Arrowhead Lakes JOB NO. 5043.001



ADOT 101 channel (Typical)



Grassed Swale (Typical)

ACDC SUB-AREA MODEL

Glendale/Peoria ADMP Update
ACDC Routing Data

Route ID	Length (ft)	Upstream Conc. Pt.	Downstream Conc. Pt.	Slope (ft/ft)	Cross Section Type [1]
101106	3,800	101	106	0.0038	Talavi Boulevard - (C.O.G. Collector Section C-4)
102103	2,640	102	103	0.0033	Bell Road - (C.O.G. Arterial Section A-4)
102106	2,140	102	106	0.0040	59th Avenue - (C.O.G. Arterial Section A-2)
103104	2,400	103	104	0.0040	Bell Road - (C.O.G. Arterial Section A-4)
103107	3,120	103	107	0.0042	63rd Avenue - (C.O.G. Collector Section C-4)
104105	2,140	104	105	0.0031	67th Avenue - (C.O.G. Arterial Section A-4)
105112	2,600	105	112	0.0030	67th Avenue - (C.O.G. Arterial Section A-4)
105114	1,280	105	114	0.0042	Paradise Lane - (C.O.G. Collector Section C-1)
106107	3,400	106	107	0.0040	Paradise Lane - (C.O.G. Collector Section C-2)
106109	2,700	106	109	0.0038	59th Avenue - (C.O.G. Arterial Section A-2)
107111	1,600	107	111	0.0020	63rd Avenue - (C.O.G. Collector Section C-4)
107112	2,850	107	112	0.0025	Trapezoid Concrete Ditch
108109	2,500	108	109	0.0035	Greenway Road - (C.O.G. Arterial Section A-1)
108121	2,720	108	121	0.0030	55th Avenue - (C.O.G. Collector Section C-1)
109110	1,375	109	110	0.0023	Greenway Road - (C.O.G. Arterial Section A-1)
109122	1,560	109	122	0.0028	59th Avenue - (C.O.G. Arterial Section A-2)
110111	1,225	110	111	0.0023	Greenway Road - (C.O.G. Arterial Section A-1)
110136	2,350	110	136	0.0035	61st Avenue - (C.O.G. Collector Section C-2)
111112	2,400	111	112	0.0030	Greenway Road - (C.O.G. Arterial Section A-1)
111139	2,580	111	139	0.0033	(Local Street Section)
112113	740	112	113	0.0030	67th Avenue - (C.O.G. Arterial Section A-4)
112116	1,860	112	116	0.0025	Greenway Road - (C.O.G. Collector Section C-1)
114115	1,700	114	115	0.0020	69th Avenue - (C.O.G. Collector Section C-2)
114117	1,270	114	117	0.0025	Paradise Lane - (C.O.G. Collector Section C-1)
115116	1,250	115	116	0.0025	(C.O.G. Collector Section C-2)
115118	1,220	115	118	0.0040	(C.O.G. Collector Section C-2)
116118	900	116	118	0.0020	71st Avenue - (C.O.G. Collector Section C-2)
117118	1,850	117	118	0.0030	71st Avenue - (C.O.G. Collector Section C-2)
117119	1,550	117	119	0.0030	Trapezoid Dirt Ditch
120121	2,680	120	121	0.0028	Acoma Road (C.O.G. Collector Section C-1)
120383	2,550	120	C383	0.0028	51st Avenue - (C.O.G. Arterial Section A-4)
121123	3,640	121	123	0.0030	Acoma Road (C.O.G. Collector Section C-1)
121125	2,420	121	125	0.0030	55th Avenue - (C.O.G. Collector Section C-1)
122123	2,200	122	123	0.0022	59th Avenue - (C.O.G. Arterial Section A-2)
122136	2,200	122	136	0.0030	Country Gables Drive - (C.O.G. Collector Section C-4)
123126	1,300	123	126	0.0030	59th Avenue - (C.O.G. Arterial Section A-2)
123132	1,160	123	132	0.0045	(Local Street Section)
124125	1,850	124	125	0.0025	Thunderbird Road - (C.O.G. Arterial Section A-2)
124145	4,050	124	145	0.0025	(C.O.G. Collector Section C-2)
125126	2,620	125	126	0.0025	Thunderbird Road - (C.O.G. Arterial Section A-2)
125147	2,650	125	147	0.0023	55th Avenue - (C.O.G. Collector Section C-4)
126127	550	126	127	0.0027	59th Avenue - (C.O.G. Arterial Section A-2)
126129	180	126	129	0.0030	Thunderbird Road - (C.O.G. Arterial Section A-2)

Glendale/Peoria ADMP Update
ACDC Routing Data

Route ID	Length (ft)	Upstream Conc. Pt.	Downstream Conc. Pt.	Slope (ft/ft)	Cross Section Type [1]
132133	160	132	133	0.0030	(Local Street Section)
135136	530	135	136	0.0030	63rd Avenue - (C.O.G. Collector Section C-2)
135142	1,200	135	142	0.0030	(Local Street Section)
136137	840	136	137	0.0030	(Local Street Section)
136138	950	136	138	0.0030	Drainage Easement/Swale in School Yard
139140	130	139	140	0.0030	(Local Street Section)
139143	180	139	143	0.0030	(Local Street Section)
140141	350	140	141	0.0030	(Local Street Section)
140142	980	140	142	0.0030	(Local Street Section)
381101	2,640	R381	101	0.0030	Bell Road - (C.O.G. Arterial Section A-4)
382108	3,100	R382	108	0.0035	(C.O.G. Collector Section C-1)
382120	2,550	R382	120	0.0030	51st Avenue - (C.O.G. Arterial Section A-4)
383124	820	C383	124	0.0060	Thunderbird Road - (C.O.G. Arterial Section A-2)
383384	5,850	C383	C384	0.0028	51st Avenue - (C.O.G. Arterial Section A-4)

Glendale/Peoria ADMP Update
ACDC Routing Data

Route ID	Length (ft)	Upstream Conc. Pt.	Downstream Conc. Pt.	Slope (ft/ft)	Cross Section Type [1]
101106	3,800	101	106	0.0038	Talavi Boulevard - (C.O.G. Collector Section C-4)
102103	2,640	102	103	0.0033	Bell Road - (C.O.G. Arterial Section A-4)
102106	2,140	102	106	0.0040	59th Avenue - (C.O.G. Arterial Section A-2)
103104	2,400	103	104	0.0040	Bell Road - (C.O.G. Arterial Section A-4)
103107	3,120	103	107	0.0042	63rd Avenue - (C.O.G. Collector Section C-4)
104105	2,140	104	105	0.0031	67th Avenue - (C.O.G. Arterial Section A-4)
105112	2,600	105	112	0.0030	67th Avenue - (C.O.G. Arterial Section A-4)
105114	1,280	105	114	0.0042	Paradise Lane - (C.O.G. Collector Section C-1)
106107	3,400	106	107	0.0040	Paradise Lane - (C.O.G. Collector Section C-2)
106109	2,700	106	109	0.0038	59th Avenue - (C.O.G. Arterial Section A-2)
107111	1,600	107	111	0.0020	63rd Avenue - (C.O.G. Collector Section C-4)
107112	2,850	107	112	0.0025	Trapezoid Concrete Ditch
108109	2,500	108	109	0.0035	Greenway Road - (C.O.G. Arterial Section A-1)
108121	2,720	108	121	0.0030	55th Avenue - (C.O.G. Collector Section C-1)
109110	1,375	109	110	0.0023	Greenway Road - (C.O.G. Arterial Section A-1)
109122	1,560	109	122	0.0028	59th Avenue - (C.O.G. Arterial Section A-2)
110111	1,225	110	111	0.0023	Greenway Road - (C.O.G. Arterial Section A-1)
110136	2,350	110	136	0.0035	61st Avenue - (C.O.G. Collector Section C-2)
111112	2,400	111	112	0.0030	Greenway Road - (C.O.G. Arterial Section A-1)
111139	2,580	111	139	0.0033	(Local Street Section)
112113	740	112	113	0.0030	67th Avenue - (C.O.G. Arterial Section A-4)
112116	1,860	112	116	0.0025	Greenway Road - (C.O.G. Collector Section C-1)
114115	1,700	114	115	0.0020	69th Avenue - (C.O.G. Collector Section C-2)
114117	1,270	114	117	0.0025	Paradise Lane - (C.O.G. Collector Section C-1)
115116	1,250	115	116	0.0025	(C.O.G. Collector Section C-2)
115118	1,220	115	118	0.0040	(C.O.G. Collector Section C-2)
116118	900	116	118	0.0020	71st Avenue - (C.O.G. Collector Section C-2)
117118	1,850	117	118	0.0030	71st Avenue - (C.O.G. Collector Section C-2)
117119	1,550	117	119	0.0030	Trapezoid Dirt Ditch
120121	2,680	120	121	0.0028	Acoma Road (C.O.G. Collector Section C-1)
120391	2,550	120	C391	0.0028	51st Avenue - (C.O.G. Arterial Section A-4)
121123	3,640	121	123	0.0030	Acoma Road (C.O.G. Collector Section C-1)
121125	2,420	121	125	0.0030	55th Avenue - (C.O.G. Collector Section C-1)
122123	2,200	122	123	0.0022	59th Avenue - (C.O.G. Arterial Section A-2)
122136	2,200	122	136	0.0030	Country Gables Drive - (C.O.G. Collector Section C-4)
123126	1,300	123	126	0.0030	59th Avenue - (C.O.G. Arterial Section A-2)
123132	1,160	123	132	0.0045	(Local Street Section)
124125	1,850	124	125	0.0025	Thunderbird Road - (C.O.G. Arterial Section A-2)
124145	4,050	124	145	0.0025	(C.O.G. Collector Section C-2)
125126	2,620	125	126	0.0025	Thunderbird Road - (C.O.G. Arterial Section A-2)
125147	2,650	125	147	0.0023	55th Avenue - (C.O.G. Collector Section C-4)
126127	550	126	127	0.0027	59th Avenue - (C.O.G. Arterial Section A-2)
126129	180	126	129	0.0030	Thunderbird Road - (C.O.G. Arterial Section A-2)

Glendale/Peoria ADMP Update
ACDC Routing Data

Route ID	Length (ft)	Upstream Conc. Pt.	Downstream Conc. Pt.	Slope (ft/ft)	Cross Section Type [1]
132133	160	132	133	0.0030	(Local Street Section)
135136	530	135	136	0.0030	63rd Avenue - (C.O.G. Collector Section C-2)
135142	1,200	135	142	0.0030	(Local Street Section)
136137	840	136	137	0.0030	(Local Street Section)
136138	950	136	138	0.0030	Drainage Easement/Swale in School Yard
139140	130	139	140	0.0030	(Local Street Section)
139143	180	139	143	0.0030	(Local Street Section)
140141	350	140	141	0.0030	(Local Street Section)
140142	980	140	142	0.0030	(Local Street Section)
370101	2,640	R370	101	0.0030	Bell Road - (C.O.G. Arterial Section A-4)
383108	3,100	R383	108	0.0035	(C.O.G. Collector Section C-1)
383120	2,550	R383	120	0.0030	51st Avenue - (C.O.G. Arterial Section A-4)
391124	820	C391	124	0.0060	Thunderbird Road - (C.O.G. Arterial Section A-2)
391400	5,850	C391	C400	0.0028	51st Avenue - (C.O.G. Arterial Section A-4)

E.4. STORAGE ROUTING DATA

AGUA FRIA, NEW RIVER, AND SUN CITY SUB-AREA MODEL

Existing Retention Volume Spreadsheet

Subbasin ID	Development Name	Total Area (ac)	Area w/ Retention (ac)	% Area w/ Retention	Total Volume (ac-ft)	Retention Required (ac-ft)	80% Retention (ac-ft)
A01B (2)	Gravel Pit	95.5	95.5	100.0%	6	6.0	4.8
A01C (2)	Gravel Pit	141.4	141.4	100.0%	19	19.0	15.2
A01D (2)	Industrial Dev. & Gravel Pit	134.8	134.8	100.0%	16	16.0	12.8
A01F	Country Meadows	179.8	73.6	40.9%	20	8.2	6.6
A01G (2)	Gravel Pit	118.3	118.3	100.0%	12	12.0	9.6
A01H (2)	Gravel Pit	44.5	44.5	100.0%	3	3.0	2.4
A02C	Small Development	213.2	140.9	66.1%	24	15.9	12.7
A02D (2)	Gravel Pit	40.0	40.0	100.0%	2	2.0	1.6
A07B (1)	Canyon Ridge West	415.4	216.3	52.1%	46	24.0	19.2
A07G (6)	Ventana Lakes	165.1	118.5	71.8%	26	18.7	14.9
A09D (6)	Ventana Lakes	162.3	143.5	88.4%	23	20.3	16.3
A09E (6)	Ventana Lakes	94.1	86.5	91.9%	12	11.0	8.8
A09F	Parkridge Estates	233.7	145.8	62.4%	30	18.7	15.0
A09I	Rose Garden Acres	106.8	93.7	87.7%	14	12.3	9.8
A09L	Alta Vista Estates	82.4	82.4	100.0%	11	11.0	8.8
A09M	Ironwood	158.3	89.7	56.7%	18	10.2	8.2
A09N	Alta Vista Estates	70.5	58.9	83.6%	8	6.7	5.3
A99A (2)	Gravel Pit	80.9	80.9	100.0%	9	9.0	7.2
A99C (2)	Gravel Pit	18.2	18.2	100.0%	1	1.0	0.8
A99D (2)	Gravel Pit	19.3	19.3	100.0%	1	1.0	0.8
A99E (2)	Gravel Pit	15.2	15.2	100.0%	1	1.0	0.8
A99G (2)	Gravel Pit	13.9	13.9	100.0%	1	1.0	0.8
A99H (2)	Gravel Pit	64.8	64.8	100.0%	4	4.0	3.2
A99T (2)	Gravel Pit	19.0	19.0	100.0%	1	1.0	0.8
A99W	Deer Valley Ranch	137.8	72.4	52.5%	17	8.9	7.1
N02B	Industrial Development	97.3	31.6	32.4%	14	4.5	3.6
N04	Springer Ranch	528.7	136.3	25.8%	74	19.1	15.3
N07A	Desert Harbor	227.6	224.0	98.4%	29	28.5	22.8
N08A	Arrowhead Ranch	470.4	406.0	86.3%	67	57.8	46.3
N08B	Arrowhead Ranch	447.6	433.98	97.0%	58	56.2	45.0
N11C	Parkridge Estates	163.3	144.6	88.5%	18	15.9	12.7
N11D (4)	Dove Valley Ranch	327.0	326.9	100.0%	39	39.0	31.2
N11E	Deer Village	313.5	313.5	100.0%	40	40.0	32.0
N11J (5)	Small Development	156.0	24.9	16.0%	14	2.2	1.8
N11K	Small Development	118.8	14.9	12.5%	11	1.4	1.1
N12	Commercial Development	325.1	20.5	6.3%	44	2.8	2.2
N15A	Arrowhead Ranch	508.6	477.6	93.9%	72	67.6	54.1
N21C	Fletcher Heights	251.8	22.4	8.9%	36	3.2	2.6
N21D (4)	Fletcher Heights	34.0	34.0	100.0%	5	5.0	4.0
N21I	Eagle Canyon	245.7	16.3	6.6%	18	1.2	1.0
N21Z	Eagle Canyon	70.1	27.8	39.6%	8	3.2	2.5
N22 (3)	Silverton	303.2	269.7	88.9%	45	40.0	32.0
N23A	Hillcrest	310.3	132.9	42.8%	39	16.7	13.4
N24A (4)	Small Development	153.9	76.1	49.4%	21	10.4	8.3
N24G	Clearview Estates	281.8	7.7	2.7%	33	0.9	0.7
N25M	Entrada	151.3	136.0	89.9%	21	18.9	15.1
N25N	Entrada	15.8	15.8	100.0%	2	2.0	1.6
N25O	Eagle Ridge	83.2	62.6	75.2%	9	6.8	5.4
N26A (4)	Terramar	226.8	148.7	65.6%	24	15.7	12.6
N26B (4)	Terramar	143.7	139.1	96.8%	16	15.5	12.4
N27D (4)	Terramar	56.8	56.7	99.9%	6	6.0	4.8

Notes: The area that flows into the retention basin was visually determined from the 1999 aerial maps in AutoCad.

(1) The area flows into regional retention basins along 115th Avenue.

(2) The Gravel Pits are assumed to retain all flows that enter them.

(3) The retention basins are constructed and the orchard areas will be developed into a residential area.

(4) The residential development was assumed to retain the 100-year, 2-hour storm.

(5) The landuse was classified as Low Density Residential because it is not fully developed, but will be medium density residential in the near future.

(6) The Ventana Lakes development is graded to drain into on-site lakes, the area is still under construction.

Future Retention Volume Spreadsheet

Subbasin ID	Total Area (ac)	Existing Area w/ Retention (ac)	Future Area w/ Retention (ac)	Total Area w/ Retention (ac)	% Area w/ Retention	Total Volume (ac-ft)	Retention Required (ac-ft)	80% Retention (ac-ft)
A01	129.5	0.0	129.5	129.5	100.0%	9	9.0	7.2
A01B	95.5	95.5	0.0	95.5	100.0%	6	6.0	4.8
A01C	141.4	141.4	0.0	141.4	100.0%	19	19.0	15.2
A01D	134.8	134.8	0.0	134.8	100.0%	16	16.0	12.8
A01F	179.8	73.6	14.7	88.3	49.1%	20	9.8	7.9
A01G	118.3	118.3	0.0	118.3	100.0%	12	12.0	9.6
A01H	44.5	44.5	0.0	44.5	100.0%	3	3.0	2.4
A02A	387.2	0.0	357.7	357.7	92.4%	39	36.0	28.8
A02B	173.4	0.0	71.1	71.1	41.0%	18	7.4	5.9
A02C	213.2	140.9	0.0	140.9	66.1%	24	15.9	12.7
A02D	40.0	40.0	0.0	40.0	100.0%	2	2.0	1.6
A03	176.6	0.0	156.7	156.7	88.7%	17	15.1	12.1
A03A	90.2	0.0	83.6	83.6	92.6%	8	7.4	5.9
A03B	46.7	0.0	34.8	34.8	74.4%	4	3.0	2.4
A03C	208.6	0.0	24.3	24.3	11.7%	22	2.6	2.1
A03D	81.9	0.0	81.9	81.9	100.0%	6	6.0	4.8
A03E	50.1	0.0	3.6	3.6	7.2%	11	0.8	0.6
A06	177.6	0.0	68.6	68.6	38.6%	17	6.6	5.3
A06A	178.5	0.0	60.3	60.3	33.8%	20	6.8	5.4
A07B	415.4	216.3	157.6	374.0	90.0%	46	41.4	33.1
A07C	112.0	0.0	110.7	110.7	98.9%	11	10.9	8.7
A07D	146.6	0.0	142.7	142.7	97.4%	14	13.6	10.9
A07F	149.1	0.0	4.7	4.7	3.2%	17	0.5	0.4
A07G	165.1	118.5	34.5	153.0	92.6%	26	24.1	19.3
A07H	59.5	0.0	35.9	35.9	60.3%	7	4.2	3.4
A09	112.4	0.0	82.7	82.7	73.6%	11	8.1	6.5
A09A	53.8	0.0	34.1	34.1	63.4%	6	3.8	3.0
A09B	26.2	0.0	1.7	1.7	6.4%	4	0.3	0.2
A09C	46.7	0.0	44.0	44.0	94.2%	4	3.8	3.0
A09D	162.3	143.5	10.4	153.9	94.8%	23	21.8	17.4
A09E	94.1	86.5	1.1	87.6	93.1%	12	11.2	8.9
A09F	233.7	145.8	62.2	208.0	89.0%	30	26.7	21.4
A09G	141.4	0.0	141.4	141.4	100.0%	16	16.0	12.8
A09H	157.0	0.0	157.0	157.0	100.0%	18	18.0	14.4
A09I	106.8	93.7	8.1	101.8	95.3%	14	13.3	10.7
A09J	107.7	0.0	107.7	107.7	100.0%	12	12.0	9.6
A09K	263.5	0.0	263.5	263.5	100.0%	30	30.0	24.0
A09L	82.4	82.4	0.0	82.4	100.0%	11	11.0	8.8
A09M	158.3	89.7	48.3	138.0	87.2%	18	15.7	12.6
A09N	70.5	58.9	4.8	63.7	90.4%	8	7.2	5.8
A09O	124.2	0.0	98.5	98.5	79.4%	12	9.5	7.6
A09R	92.2	0.0	91.9	91.9	99.7%	9	9.0	7.2
A09S	44.0	0.0	33.1	33.1	75.2%	6	4.5	3.6
A09T	115.8	0.0	93.8	93.8	81.0%	11	8.9	7.1
A09U	111.6	0.0	45.5	45.5	40.8%	14	5.7	4.6
A10	136.8	0.0	28.2	28.2	20.6%	15	3.1	2.5

Future Retention Volume Spreadsheet

Subbasin ID	Total Area (ac)	Existing Area w/ Retention (ac)	Future Area w/ Retention (ac)	Total Area w/ Retention (ac)	% Area w/ Retention	Total Volume (ac-ft)	Retention Required (ac-ft)	80% Retention (ac-ft)
A11A	380.1	0.0	10.0	10.0	2.6%	38	1.0	0.8
A11F	298.0	0.0	38.0	38.0	12.7%	33	4.2	3.4
A11H	46.0	0.0	12.0	12.0	26.0%	4	1.0	0.8
A11I	178.7	0.0	175.3	175.3	98.1%	26	25.5	20.4
A11J	49.1	0.0	49.1	49.1	100.0%	7	7.0	5.6
A11K	190.5	0.0	110.6	110.6	58.1%	21	12.2	9.8
A11L	160.2	0.0	146.2	146.2	91.2%	25	22.8	18.2
A11M	164.7	0.0	43.1	43.1	26.2%	22	5.8	4.6
A11N	52.7	0.0	14.1	14.1	26.7%	6	1.6	1.3
A99	86.4	0.0	86.2	86.2	99.8%	5	5.0	4.0
A99A	80.9	80.9	0.0	80.9	100.0%	9	9.0	7.2
A99C	18.2	18.2	0.0	18.2	100.0%	1	1.0	0.8
A99D	19.3	19.3	0.0	19.3	100.0%	1	1.0	0.8
A99E	15.2	15.2	0.0	15.2	100.0%	1	1.0	0.8
A99G	13.9	13.9	0.0	13.9	100.0%	1	1.0	0.8
A99H	64.8	64.8	0.0	64.8	100.0%	4	4.0	3.2
A99P	368.0	0.0	29.1	29.1	7.9%	44	3.5	2.8
A99S	49.4	0.0	43.1	43.1	87.3%	5	4.4	3.5
A99T	19.0	19.0	0.0	19.0	100.0%	1	1.0	0.8
A99W	137.8	72.4	21.1	93.5	67.9%	17	11.5	9.2
A99X	169.0	0.0	50.1	50.1	29.7%	13	3.9	3.1
N01A	263.7	0.0	262.9	262.9	99.7%	19	18.9	15.2
N02	485.5	0.0	39.8	39.8	8.2%	60	4.9	3.9
N02B	97.3	31.6	65.7	97.3	99.9%	14	14.0	11.2
N03	386.9	0.0	102.5	102.5	26.5%	49	13.0	10.4
N03A	249.2	0.0	3.6	3.6	1.4%	28	0.4	0.3
N03B	401.3	0.0	248.2	248.2	61.8%	60	37.1	29.7
N04	528.7	136.3	84.8	221.1	41.8%	74	30.9	24.8
N05	176.4	0.0	1.3	1.3	0.7%	28	0.2	0.2
N05A	111.0	0.0	10.2	10.2	9.1%	14	1.3	1.0
N06	380.5	0.0	49.6	49.6	13.0%	56	7.3	5.8
N07	479.0	0.0	131.6	131.6	27.5%	61	16.8	13.4
N07A	227.6	224.0	0.0	224.0	98.4%	29	28.5	22.8
N08	502.8	0.0	124.9	124.9	24.8%	71	17.6	14.1
N08A	470.4	406.0	59.4	465.4	98.9%	67	66.3	53.0
N08B	447.6	434.0	0.0	434.0	97.0%	58	56.2	45.0
N09	416.1	0.0	12.3	12.3	3.0%	62	1.8	1.5
N10	314.9	0.0	48.8	48.8	15.5%	40	6.2	5.0
N11C	163.3	144.6	4.1	148.7	91.1%	18	16.4	13.1
N11D	327.0	326.9	0.0	326.9	100.0%	39	39.0	31.2
N11E	313.5	313.5	0.0	313.5	100.0%	40	40.0	32.0
N11F	156.2	0.0	156.2	156.2	100.0%	18	18.0	14.4
N11G	334.8	0.0	334.8	334.8	100.0%	38	38.0	30.4
N11H	280.2	0.0	271.1	271.1	96.8%	32	31.0	24.8
N11J	156.0	24.9	0.0	24.9	16.0%	14	2.2	1.8
N11K	118.8	14.9	0.0	14.9	12.5%	11	1.4	1.1

Future Retention Volume Spreadsheet

Subbasin ID	Total Area (ac)	Existing Area w/ Retention (ac)	Future Area w/ Retention (ac)	Total Area w/ Retention (ac)	% Area w/ Retention	Total Volume (ac-ft)	Retention Required (ac-ft)	80% Retention (ac-ft)
N11M	64.0	0.0	63.6	63.6	99.4%	6	6.0	4.8
N11N	169.6	0.0	11.3	11.3	6.7%	16	1.1	0.9
N11O	34.6	0.0	34.4	34.4	99.4%	3	3.0	2.4
N11P	244.3	0.0	97.2	97.2	39.8%	17	6.8	5.4
N12	325.1	20.5	0.0	20.5	6.3%	44	2.8	2.2
N13	318.4	0.0	38.9	38.9	12.2%	52	6.4	5.1
N14A	284.2	0.0	18.2	18.2	6.4%	38	2.4	2.0
N15	343.9	0.0	53.9	53.9	15.7%	47	7.4	5.9
N15A	508.6	477.6	12.4	489.9	96.3%	72	69.4	55.5
N15B	478.0	0.0	95.5	95.5	20.0%	61	12.2	9.8
N16	591.7	0.0	121.5	121.5	20.5%	78	16.0	12.8
N17	265.4	0.0	35.7	35.7	13.4%	37	5.0	4.0
N18	321.7	0.0	22.2	22.2	6.9%	42	2.9	2.3
N19C	483.6	0.0	42.0	42.0	8.7%	58	5.0	4.0
N19D	251.5	0.0	251.4	251.4	100.0%	30	30.0	24.0
N19E	449.9	0.0	450.1	450.1	100.0%	51	51.0	40.8
N19F	239.4	0.0	239.3	239.3	100.0%	24	24.0	19.2
N20	228.3	0.0	80.3	80.3	35.2%	33	11.6	9.3
N21	398.0	0.0	42.3	42.3	10.6%	55	5.8	4.7
N21C	251.8	22.4	107.0	129.4	51.4%	36	18.5	14.8
N21D	34.0	34.0	0.0	34.0	100.0%	5	5.0	4.0
N21E	40.4	0.0	6.1	6.1	15.2%	6	0.9	0.7
N21H	21.2	0.0	4.0	4.0	18.7%	2	0.4	0.3
N21I	245.7	16.3	0.0	16.3	6.6%	18	1.2	1.0
N21J	148.2	0.0	31.3	31.3	21.1%	18	3.8	3.0
N21Z	70.1	27.8	0.0	27.8	39.6%	8	3.2	2.5
N22	303.2	269.7	33.3	303.0	99.9%	45	45.0	36.0
N23A	310.3	132.9	10.0	142.9	46.0%	39	18.0	14.4
N240	99.2	0.0	99.2	99.2	100.0%	11	11.0	8.8
N24A	153.9	76.1	33.9	110.0	71.5%	21	15.0	12.0
N24D	56.1	0.0	25.9	25.9	46.2%	10	4.6	3.7
N24E	13.2	0.0	13.2	13.2	100.0%	2	2.0	1.6
N24F	67.6	0.0	18.4	18.4	27.2%	8	2.2	1.7
N24G	281.8	7.7	81.3	89.0	31.6%	33	10.4	8.3
N24H	183.0	0.0	117.6	117.6	64.3%	33	21.2	17.0
N24I	191.9	0.0	191.9	191.9	100.0%	33	33.0	26.4
N24J	77.4	0.0	77.4	77.4	100.0%	13	13.0	10.4
N24K	135.9	0.0	135.9	135.9	100.0%	24	24.0	19.2
N24L	243.9	0.0	243.9	243.9	100.0%	27	27.0	21.6
N24M	157.6	0.0	110.0	110.0	69.8%	24	16.7	13.4
N24N	83.3	0.0	83.3	83.3	100.0%	15	15.0	12.0
N24P	78.1	0.0	78.1	78.1	100.0%	9	9.0	7.2
N24Q	23.7	0.0	23.7	23.7	100.0%	3	3.0	2.4
N24R	21.1	0.0	21.1	21.1	100.0%	3	3.0	2.4
N24S	30.7	0.0	30.7	30.7	100.0%	4	4.0	3.2
N24T	10.9	0.0	10.9	10.9	100.0%	1	1.0	0.8

Future Retention Volume Spreadsheet

Subbasin ID	Total Area (ac)	Existing Area w/ Retention (ac)	Future Area w/ Retention (ac)	Total Area w/ Retention (ac)	% Area w/ Retention	Total Volume (ac-ft)	Retention Required (ac-ft)	80% Retention (ac-ft)
N24U	72.1	0.0	72.1	72.1	100.0%	8	8.0	6.4
N24V	29.2	0.0	29.2	29.2	99.9%	6	6.0	4.8
N25	155.5	0.0	92.0	92.0	59.2%	21	12.4	9.9
N25E	174.1	0.0	100.6	100.6	57.8%	16	9.2	7.4
N25J	63.7	0.0	4.2	4.2	6.6%	6	0.4	0.3
N25K	57.8	0.0	3.7	3.7	6.4%	6	0.4	0.3
N25L	37.6	0.0	3.0	3.0	8.0%	4	0.3	0.3
N25M	151.3	136.0	0.0	136.0	89.9%	21	18.9	15.1
N25N	15.8	15.8	0.0	15.8	100.0%	2	2.0	1.6
N25O	83.2	62.6	0.0	62.6	75.2%	9	6.8	5.4
N25P	109.9	0.0	41.6	41.6	37.9%	18	6.8	5.5
N26	25.7	0.0	22.3	22.3	86.9%	4	3.5	2.8
N26A	226.8	148.7	1.3	150.0	66.1%	24	15.9	12.7
N26B	143.7	139.1	0.0	139.1	96.8%	16	15.5	12.4
N27	180.3	0.0	161.2	161.2	89.4%	31	27.7	22.2
N27A	72.7	0.0	67.2	67.2	92.4%	8	7.4	5.9
N27B	52.1	0.0	30.7	30.7	58.8%	6	3.5	2.8
N27C	56.8	0.0	45.0	45.0	79.2%	7	5.5	4.4
N27D	56.8	56.7	0.0	56.7	99.9%	6	6.0	4.8
N27E	120.4	0.0	118.3	118.3	98.3%	21	20.6	16.5
N27F	181.8	0.0	180.9	180.9	99.5%	35	34.8	27.9
N27G	167.6	0.0	167.6	167.6	100.0%	31	31.0	24.8
N27H	134.9	0.0	134.9	134.9	100.0%	25	25.0	20.0
N27I	105.5	0.0	105.5	105.5	100.0%	20	20.0	16.0
N27J	520.4	0.0	73.7	73.7	14.2%	79	11.2	9.0
N27K	400.6	0.0	399.6	399.6	99.7%	44	43.9	35.1
N27L	298.9	0.0	282.0	282.0	94.3%	33	31.1	24.9
S01	163.6	0.0	3.6	3.6	2.2%	19	0.4	0.3
S10S	310.6	0.0	5.9	5.9	1.9%	49	0.9	0.7
S30	205.3	0.0	20.9	20.9	10.2%	23	2.3	1.9

ACDC SUB-AREA MODEL

The ACDC sub-area is mostly developed and many of the existing developments do not have any storage. A more detailed analysis was required for this sub-area in order to model storage accurately. The following table shows the amount of existing retention for each land use with each subbasin as well as the expected future retention for the undeveloped areas.

Glendale/Peoria ADMP Update (FCD 99-44)
Retention Volume Calculations

Sub-Basin I.D.		Land Area A (arces)		Land Use Tpyes	Runoff Coefficient	Existing Volume V (acre-ft.)		Future Volume V (acre-ft.)		Total Volume V_T (arce-ft.)
Existing	Future	Existing	Future		C	V_{ext}	V_{cum}	V_{fut}	V_{cum}	
C386A	C371A	200.30	0.00	Med-Density Residential	0.52	13.89		0.00		
		94.74	0.00	School	0.25	3.16		0.00		
		0.00	43.50	Industrial *	0.80	0.00	17.05	7.54	7.54	24.59
C386B	C371B	71.51	0.00	Med-Density Residential	0.52	4.96		0.00		
		5.60	0.00	School	0.25	0.19		0.00		
		13.23	0.00	Park	0.25	0.44		0.00		
		64.07	0.00	Commerical	0.80	6.83		0.00		
		0.00	20.30	Commercial *	0.80	0.00		3.52		
		0.00	7.14	Commerical **	0.80	0.00	12.42	1.24	4.76	17.18
Total		**449.45**	**70.94**				**29.46**		**12.30**	**41.76**
C387A	C384A	51.49	0.00	Commercial	0.80	5.49		0.00		
		104.10	0.00	Industrial	0.75	10.41		0.00		
		12.16	0.00	School	0.25	0.41		0.00		
		0.00	49.85	Industrial **	0.80	0.00	16.31	8.64	8.64	24.95
C387B	C384B	6.43	0.00	School	0.25	0.21	0.21	0.00	0.00	0.21
C387C	C384C	11.64	0.00	Commerical	0.80	1.24	1.24	0.00	0.00	1.24
Total		**185.81**	**49.85**				**17.76**		**8.64**	**26.40**
C388A	C392A	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00
C388B	C392B	34.25	0.00	Multi-Family Residential	0.60	3.38		0.00		
		84.47	0.00	School *	0.30	4.45		0.00		
		0.00	69.54	Industrial **	0.80	0.00	7.83	12.05	12.05	19.88
C388C	C392C	10.22	0.00	Commercial	0.80	1.09	1.09	0.00	0.00	1.09
C388D	C392D	9.05	0.00	Multi-Family Residential	0.60	0.72		0.00		
		3.63	0.00	Church	0.30	0.15		0.00		
		11.52	0.00	Commercial	0.80	1.23	2.10	0.00	0.00	2.10
C388E	C392E	9.48	0.00	Multi-Family Residential	0.60	0.76		0.00		
		10.26	0.00	Commercial	0.80	1.09		0.00		
		0.00	22.67	Commercial **	0.80	0.00	1.85	3.93	3.93	5.78
Total		**172.86**	**92.21**				**12.87**		**15.98**	**28.85**

Glendale/Peoria ADMP Update (FCD 99-44)
Retention Volume Calculations

Sub-Basin I.D.		Land Area A (arces)		Land Use Tpyes	Runoff Coefficient	Existing Volume V (acre-ft.)		Future Volume V (acre-ft.)		Total Volume V_T
Existing	Future	Existing	Future		C	V_{ext}	V_{cum}	V_{fut}	V_{cum}	(arce-ft.)
C389A	C401A	11.29	0.00	Multi-Family Residential *	0.70	1.71		0.00		
		12.03	0.00	Commercial	0.80	1.28	3.00	0.00	0.00	3.00
C389B	C401B	19.14	0.00	Multi-Family Residential	0.70	1.79		0.00		
		6.82	0.00	Commercial	0.80	0.73		0.00		
		14.13	0.00	Industrial	0.75	1.41	3.93	0.00	0.00	3.93
C389C	C401C	19.03	0.00	Commercial	0.80	2.03		0.00		
		25.20	0.00	Industrial	0.75	2.52	4.55	0.00	0.00	
C389D	C401D	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00
C389E	C401E	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00
C389F	C401F	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00
Total		**107.63**	**0.00**				**11.47**		**0.00**	**6.92**
C390A	C385A	11.93	0.00	Commercial	0.80	1.27		0.00		
		0.00	37.00	Commercial *	0.80	0.00	1.27	6.41	6.41	7.69
C390B	C385B	16.40	0.00	Multi-Family Residential	0.70	1.53		0.00		
		22.88	0.00	Commercial	0.80	2.44	3.97	0.00	0.00	3.97
C390C	C385C	10.34	0.00	Commercial	0.80	1.10	1.10	0.00	0.00	1.10
C390D	C385D	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00
C390E	C385E	4.08	0.00	School	0.25	0.14		0.00		
		0.00	8.10	Commercial *	0.80	0.00	0.14	1.40	1.40	1.54
Total		**65.62**	**45.10**				**6.48**		**7.82**	**14.30**
C391A	C393A	25.89	0.00	Multi-Family Residential	0.70	2.42	2.42	0.00	0.00	2.42
C391B	C393B	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00
C391C	C393C	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00
C391D	C393D	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00
C391E	C393E	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00
C391F	C393F	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00
C391G	C393G	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00
C391H	C393H	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00
C391I	C393I	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00
C391J	C393J	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00

Glendale/Peoria ADMP Update (FCD 99-44)
Retention Volume Calculations

Sub-Basin I.D.		Land Area A (arces)		Land Use Tpyes	Runoff Coefficient	Existing Volume V (acre-ft.)		Future Volume V (acre-ft.)		Total Volume V_T
Existing	Future	Existing	Future		C	V_{ext}	V_{cum}	V_{fut}	V_{cum}	(arce-ft.)
C391K	C393K	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00
C391L	C393L	10.32	0.00	Commercial	0.80	1.10	1.10	0.00	0.00	1.10
C391M	C393M	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00
C391N	C393N	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00
Total		**36.21**	**0.00**				**3.52**		**0.00**	**3.52**
C401A	C373A	35.45	0.00	Commercial	0.80	3.78		0.00		
		0.00	27.40	Commercial *	0.80	0.00		4.75		
		0.00	4.85	Med-Density Residential *	0.80	0.00	3.78	0.84	5.59	9.37
C401B	C373B	17.06	0.00	Commercial	0.80	1.82		0.00		
		0.00	3.05	Commercial *	0.80	0.00		0.53		
		0.00	7.25	Med-Density Residential *	0.70	0.00	1.82	1.10	1.63	3.45
Total		**52.51**	**42.55**				**5.60**		**7.22**	**12.82**
C406A	C394A	17.46	0.00	Multi-Family Residential	0.70	1.63		0.00		
		17.54	11.98	Commercial *	0.80	3.04	4.67	2.08	2.08	6.75
C406B	C394B	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00
C406C	C394C	5.17	0.00	Commercial	0.80	0.55	0.55	0.00	0.00	0.55
C406D	C394D	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00
C406E	C394E	14.68	0.00	Med-Density Residential *	0.70	2.23	2.23	0.00	0.00	2.23
C406F	C394F	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00
C406G	C394G	16.25	28.10	Med-Density Residential *	0.70	2.46	2.46	4.26	4.26	6.73
C406H	C394H	0.00	42.80	Med-Density Residential *	0.70	0.00	0.00	6.49	6.49	6.49
Total		**71.10**	**82.88**				**9.91**		**12.83**	**22.74**

NOTES:

1) Retention Volume = C x A x (P\12)
2) A = Area
3) C = C-value
4) 10-year, 2-hour rainfall depth, P (in.) = 1.60
5) *100-year, 2-hour rainfall depth, P (in.) = 2.60
6) **100-year, 2-hour retention for existing condition as open space with C-value = 0.35, and for future condition as commercial/industrial site with C-value = 0.80.
7) Diverted runoff volume for the 100-year, 2-hour storm event is reduced by 80% for the HEC-1 model.

E.5. FLOW SPLITS AND DIVERSIONS DATA

AGUA FRIA, NEW RIVER, AND SUN CITY SUB-AREA MODEL

Entellus™

SHEET _____ OF _____

BY _____ DATE _____

CHECK _____ DATE _____

CLIENT Flood Control District of Maricopa County

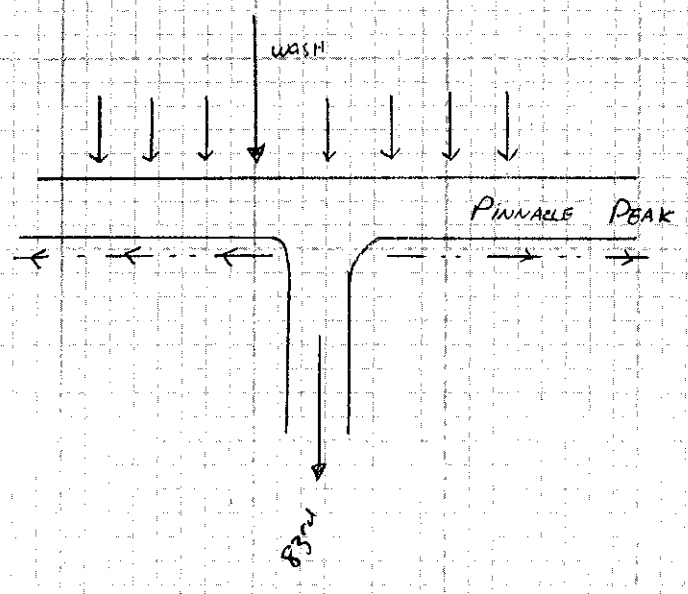
JOB NAME Glendale / Peoria ADMP Update

JOB NO. 310.017

N21K Pinnacle Peak 1/2 mile East of 83rd Ave

From drainage report majority of flow west to 83rd Ave, more flow to the west

		W	S	E	
West	450	0	0	0	
South	43	100	0	0	
East	27	200	0	0	
		300	0	0	
		400	10	5	395
		450	43	27	423
		500	150	35	465



Entellus™

SHEET _____ OF _____

BY _____ DATE _____

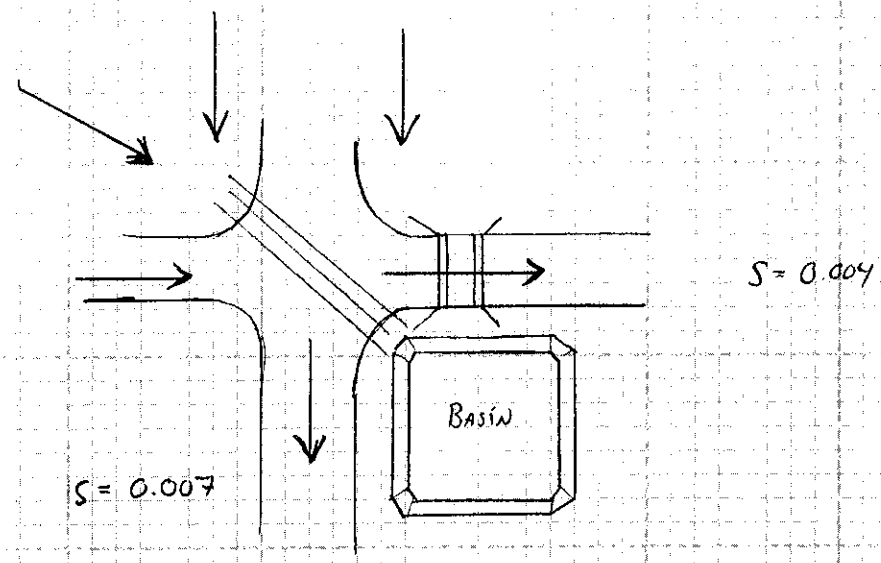
CHECK _____ DATE _____

CLIENT Flood Control District of Maricopa County

JOB NAME Glendale/Peoria ADMP update

JOB NO. 310.017

N21K* Calle Lejos and 83rd Avenue



Capacity of culvert from drainage report

Pipe capacity = 138 cfs

Three way split

1. → Basin
2. → 83rd Av
3. → Calle Lejos

Entellus™

SHEET _____ OF _____

BY _____ DATE _____

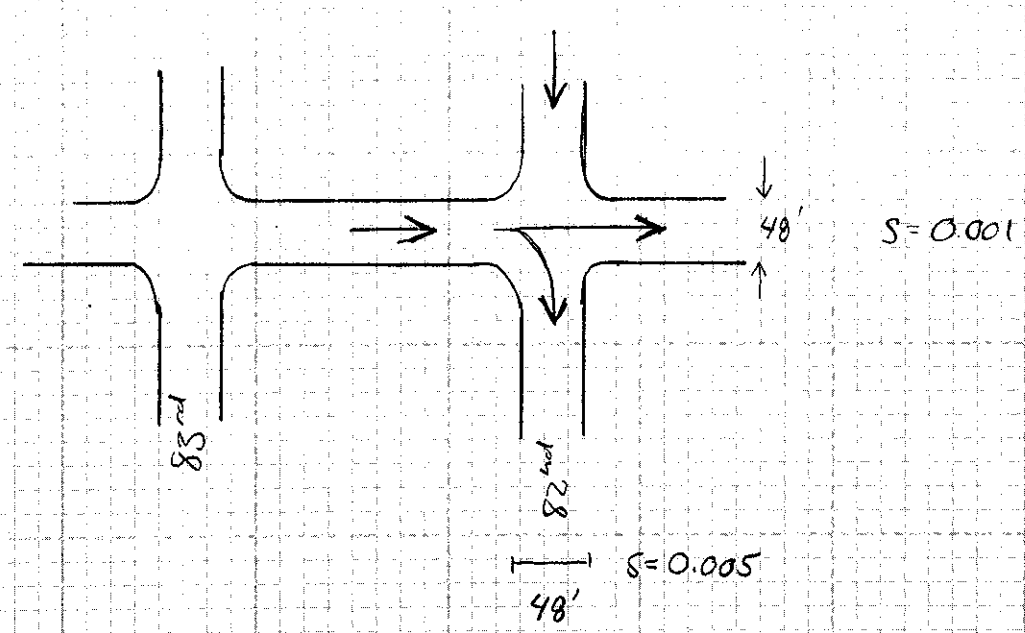
CHECK _____ DATE _____

CLIENT Flood Control District of Maricopa County

JOB NAME Glendale/Peoria ADMP update

JOB NO. 310.17

N21J Calle Lejos @ 82nd Avenue



Entellus™

SHEET _____ OF _____

BY _____ DATE _____

CHECK _____ DATE _____

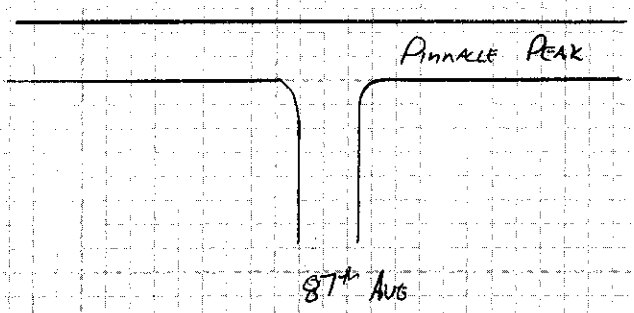
CLIENT Flood Control District of Maricopa County

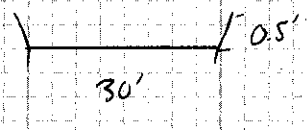
JOB NAME Glendale/Peoria ADMP Update

JOB NO. 310.017

NIL Pinnacle Peak Rd @ 87th Ave

Capacity of Pinnacle Peak to the east, rest South





S = 0.002

Q = 30

Entellus™

SHEET _____ OF _____

BY _____ DATE _____

CHECK _____ DATE _____

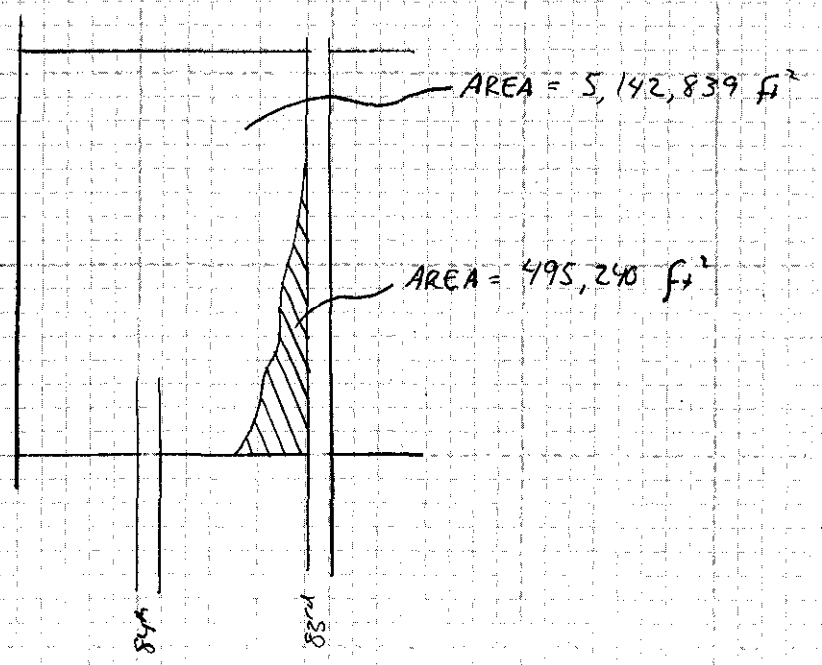
CLIENT Flood Control District of Maricopa County

JOB NAME Glendale/Peoria ADMP Update

JOB NO. 310.017

N22B Williams 1/4 mile west of 83rd Ave

Most of basin N22B flow is collected by Williams road and continues south. However a small portion will be collected by 83rd Ave. Since this is one of our problem areas a percentage of basin base on AVE will be diverted to 83rd.



$$\frac{5142839}{495240} = \frac{100\%}{x} \qquad x = 9.7 \qquad \underline{\underline{\text{use } 10\%}}$$

Entellus™

SHEET _____ OF _____

BY _____ DATE _____

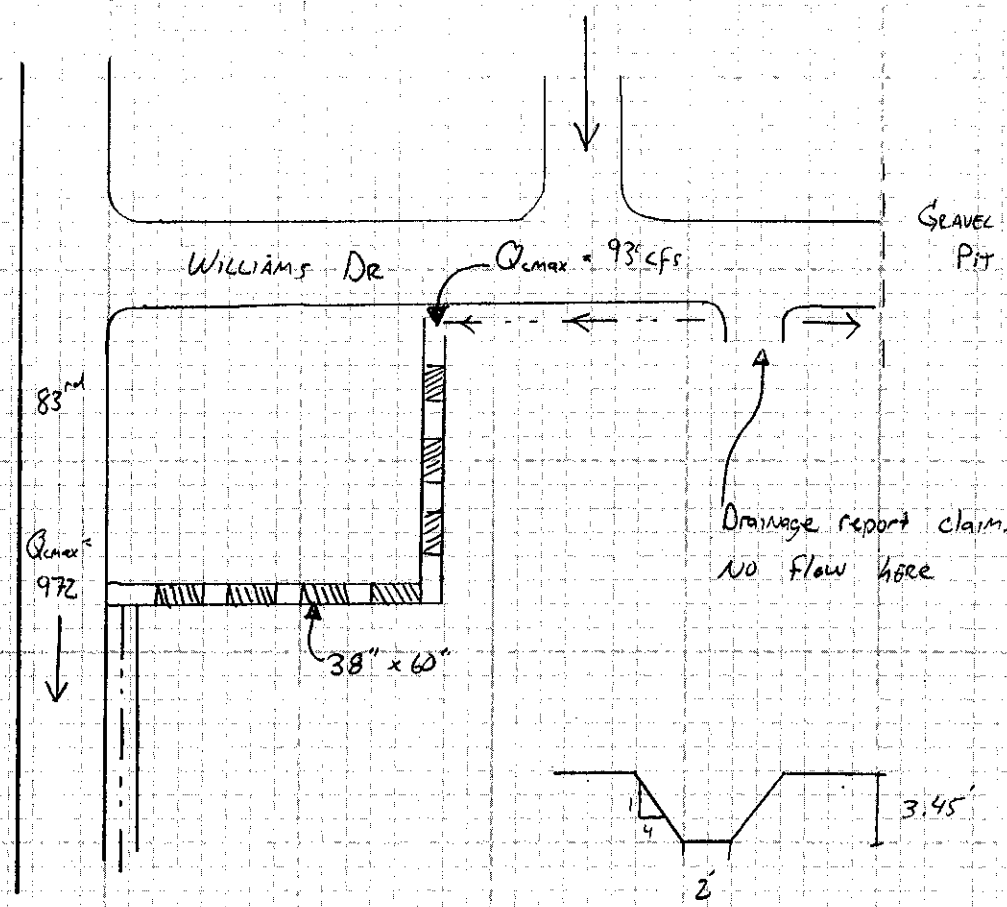
CHECK _____ DATE _____

CLIENT Flood Control District of Maricopa County

JOB NAME Glendale / Peoria ADMP Update

JOB NO. 310.017

N21G Williams 1/4 mile East of 83rd Ave



Q = 93 cfs

W = SAME FOR BOTH

S = 0.002	S = 0.002
n = 0.030	n = 0.025
90	290
main	split

Entellus™

SHEET _____ OF _____

BY _____ DATE _____

CHECK _____ DATE _____

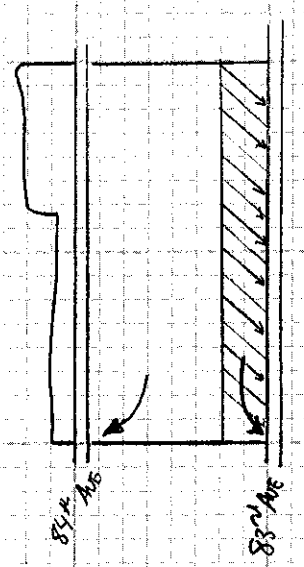
CLIENT Flood Control District of Maricopa County

JOB NAME Glendale/Peoria ADMP Update

JOB NO. 310.017

N22A Deer Valley Rd @ 84th Ave

This split is for the amount of flow from Basin N22A flowing into 83rd Ave.



Area N22A 4,933,492

flow to 83rd 703,634

15% of Basin N22A flows into the 83rd Ave drainage system.

Entellus™

SHEET _____ OF _____

BY _____ DATE _____

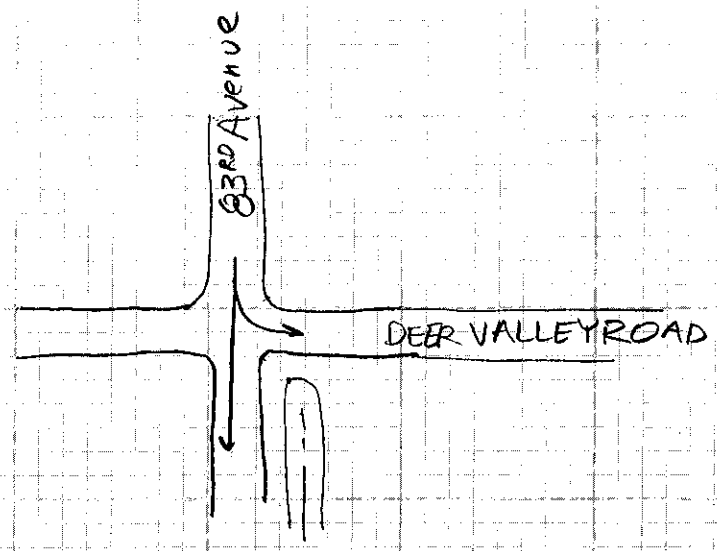
CHECK _____ DATE _____

CLIENT FCDMC

JOB NAME ADMP UPDATE

JOB NO. 310.017

N21D 83RD Ave & Deer Valley Road



Maximum Capacity of Deer Valley Road to the east is 30cfs.

Entellus™

SHEET _____ OF _____

BY _____ DATE _____

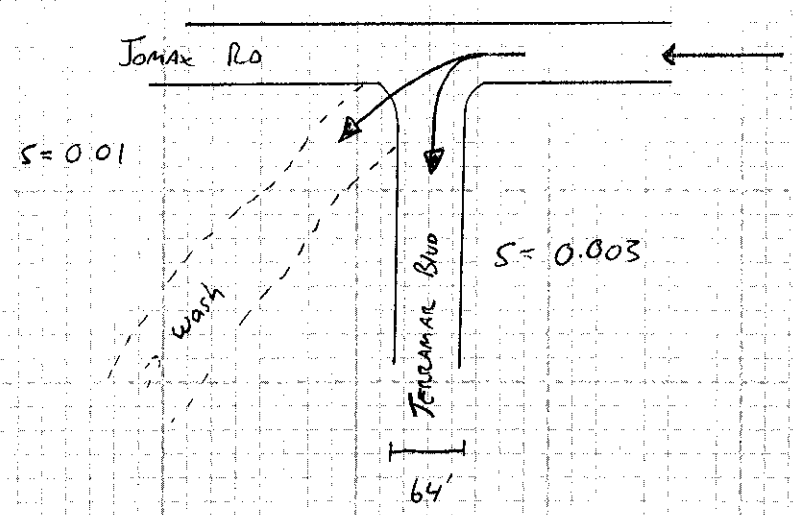
CHECK _____ DATE _____

CLIENT Flood Control District of Maricopa County

JOB NAME Glendale/Peoria ADMP Update

JOB NO. 310.017

N27J Jomax Rd @ Terramar Blvd



Entellus™

SHEET _____ OF _____

BY _____ DATE _____

CHECK _____ DATE _____

CLIENT Flood Control District of Maricopa County

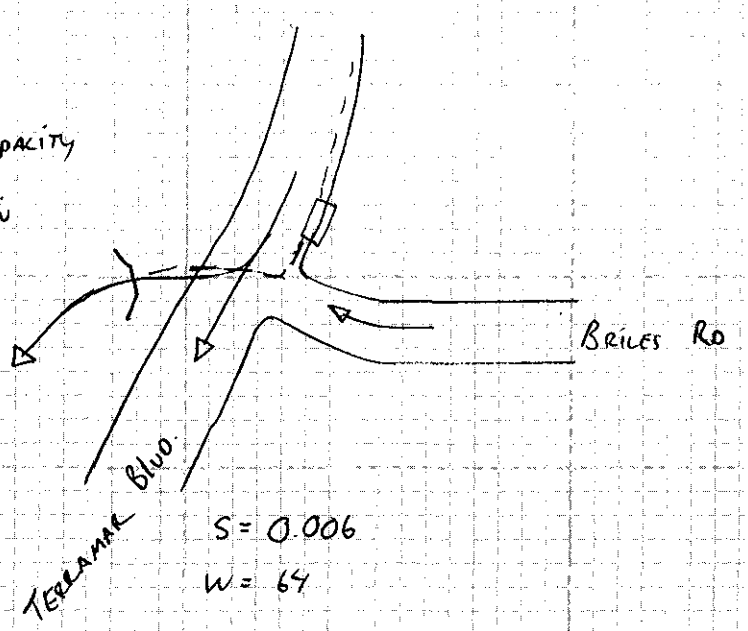
JOB NAME Glendale/Peoria ADMP Update

JOB NO. 316.017

N27D Terramar Blvd @ Briles Rd

Storm drain capacity

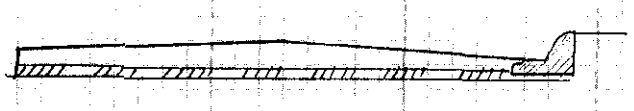
* See storm drain calcs



Assuming 0.006 slope

Capacity = 75 cfs

Assume = 10 cfs from



Entellus™

SHEET _____ OF _____

BY _____ DATE _____

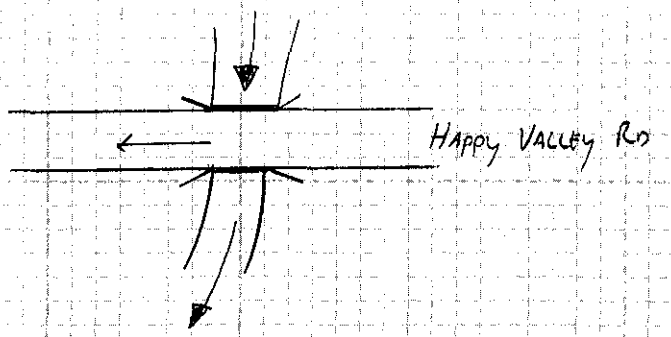
CHECK _____ DATE _____

CLIENT Flood Control District of Maricopa County

JOB NAME Glendale / Peoria ADMP Update

JOB NO. 310.017

N25M Happy Valley Rd foot of 67th Ave



Use capacity of culvert

Entellus™

SHEET _____ OF _____

BY _____ DATE _____

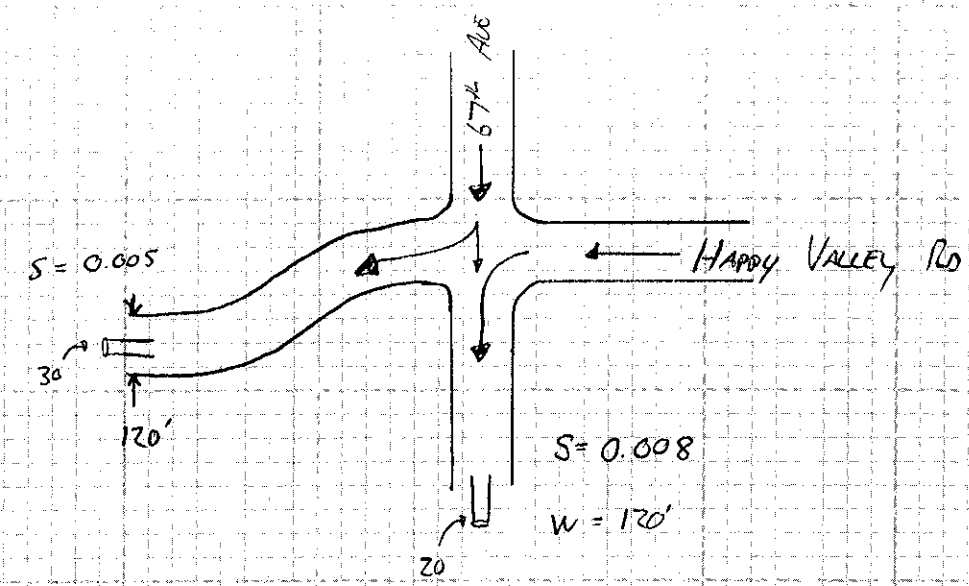
CHECK _____ DATE _____

CLIENT Flood Control District of Maricopa County

JOB NAME Glendale/Peoria ADMP Update

JOB NO. 310.017

X3 Happy Valley Rd @ 67th Ave



Entellus™

SHEET _____ OF _____

BY _____ DATE _____

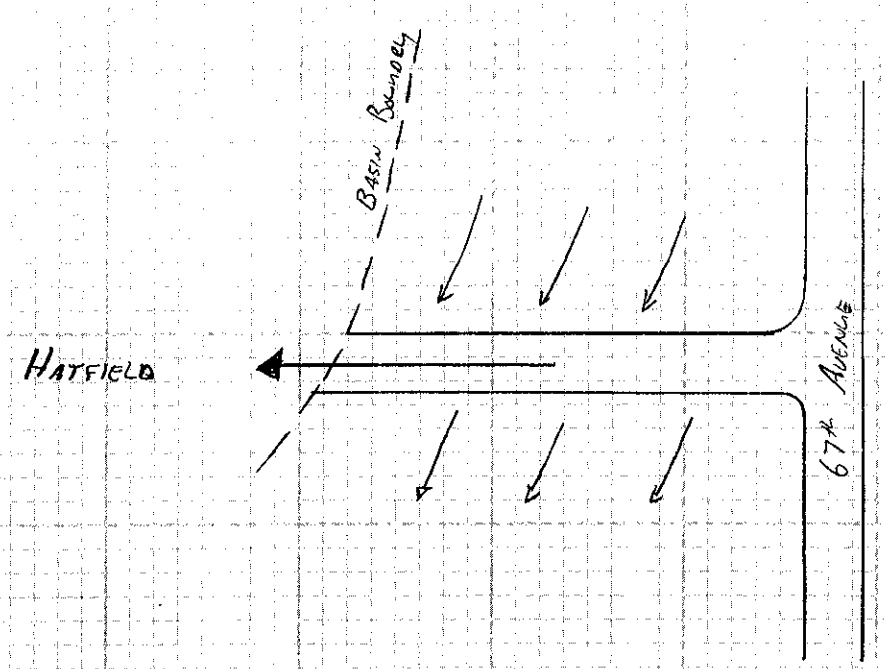
CHECK _____ DATE _____

CLIENT Flood Control District of Maricopa County

JOB NAME Glendale / Peoria ADMP Update

JOB NO. 310.017

N25L Hatfield Rd West of 67th Avenue



Divert capacity of roadway system down Hatfield (West).

Entellus™

SHEET _____ OF _____

BY _____ DATE _____

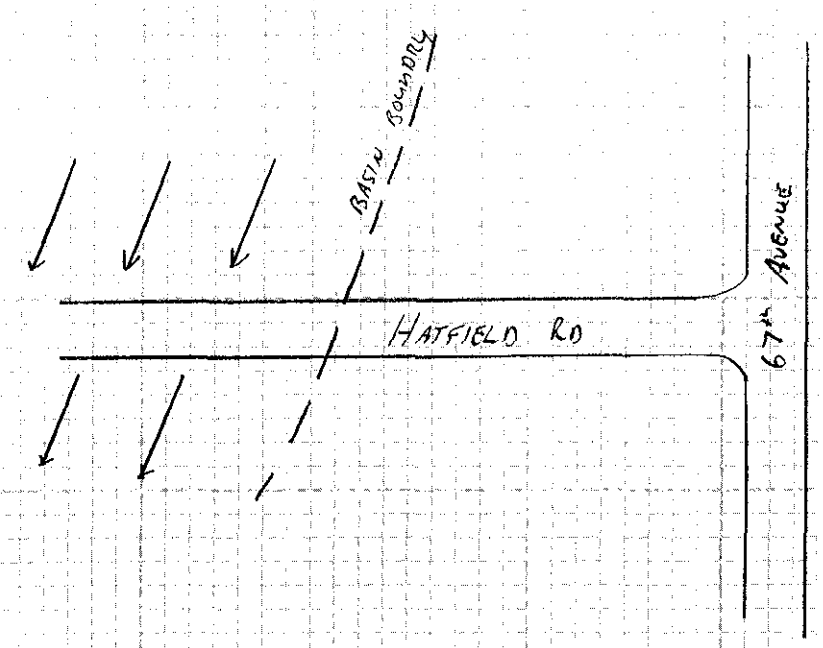
CHECK _____ DATE _____

CLIENT Flood Control District of Maricopa County

JOB NAME Glendale / Peoria ADMP Update

JOB NO. 310.017

N25K Hatfield Rd West of 67th Avenue



Entellus™

SHEET _____ OF _____

BY _____ DATE _____

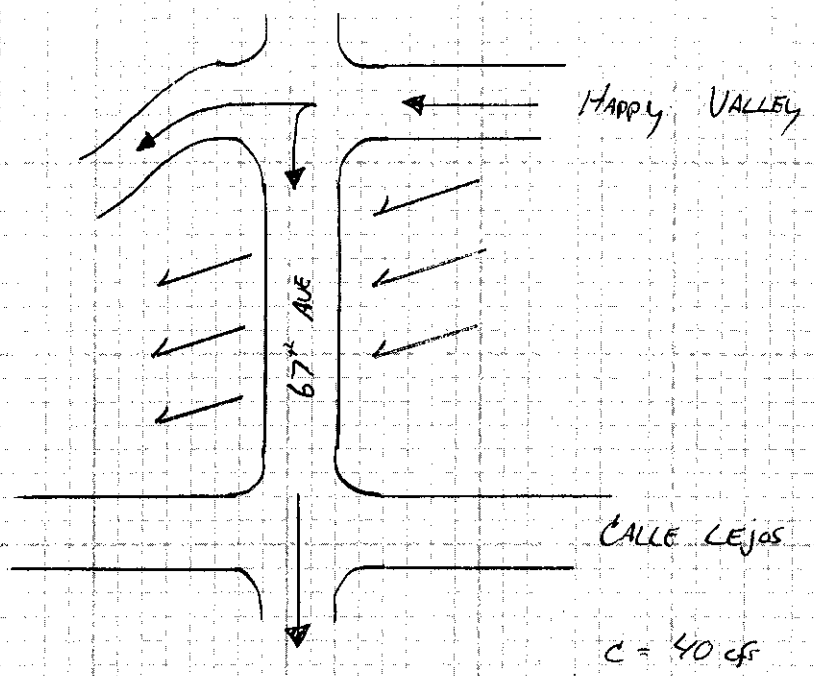
CHECK _____ DATE _____

CLIENT Flood Control District of Maricopa County

JOB NAME Glendale/Peoria ADMP Update

JOB NO. 310.017

N25E' 67th Ave from Happy Valley Rd to Calle Lejos



Use capacity of the street. 67th Ave flow in excess will be diverted to conc. point N25F.

Entellus™

SHEET _____ OF _____

BY _____ DATE _____

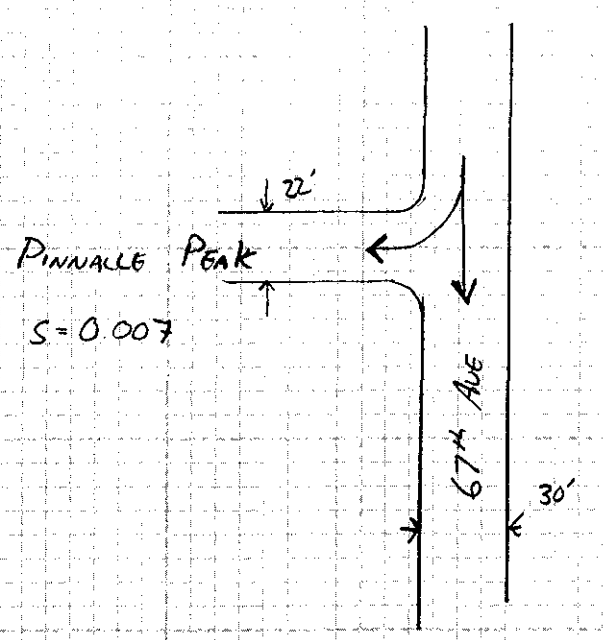
CHECK _____ DATE _____

CLIENT Flood Control District of Maricopa County

JOB NAME Glendale/Peoria ADMP update

JOB NO. _____

N25D 67th Avenue and Pinnacle Peak Rd



Entellus™

SHEET _____ OF _____

BY _____ DATE _____

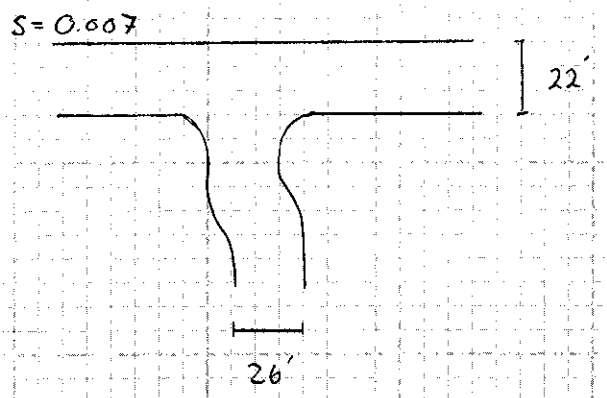
CHECK _____ DATE _____

CLIENT Flood Control District of Maricopa County

JOB NAME Glendale/Peoria ADMP Update

JOB NO. 310.017

N25C Pinnacle Peak West of 67th First Split



Y < 6" all flow down south

Entellus™

SHEET _____ OF _____

BY _____ DATE _____

CHECK _____ DATE _____

CLIENT Flood Control District of Maricopa County

JOB NAME Glendale/Peoria ADMP Update

JOB NO. 310.017

N25B Pinnacle Peak West of 67th Second Split

Same as previous

Entellus™

SHEET _____ OF _____

BY _____ DATE _____

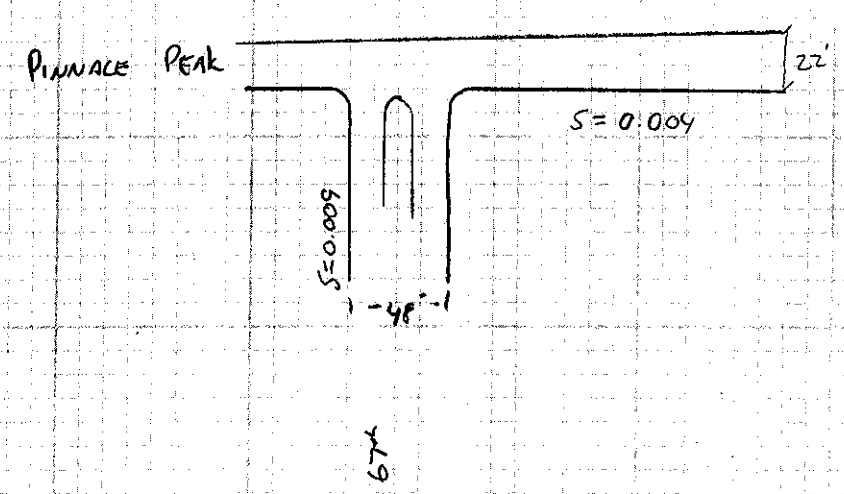
CHECK _____ DATE _____

CLIENT Flood Control District of Maricopa County

JOB NAME Glendale/Peoria ADMP Update

JOB NO. 310.017

N25A Pinnacle Peak Rd West of 67th Ave third split



Entellus™

SHEET _____ OF _____

BY _____ DATE _____

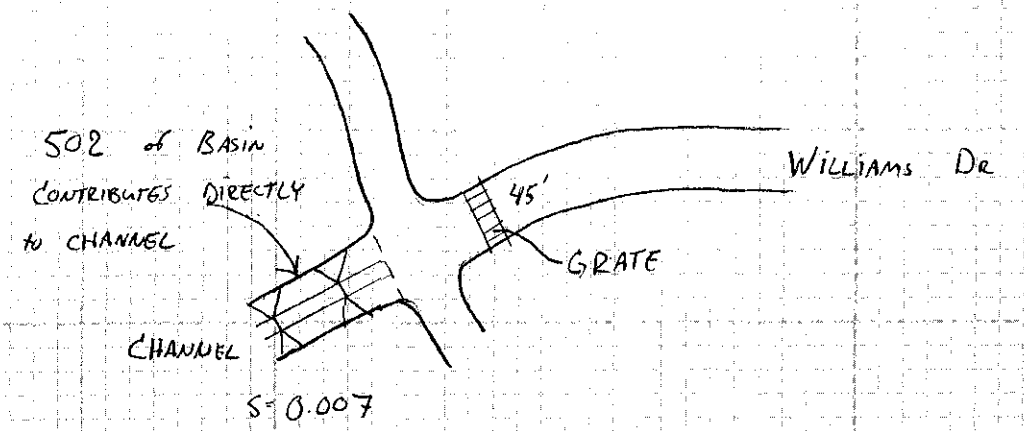
CHECK _____ DATE _____

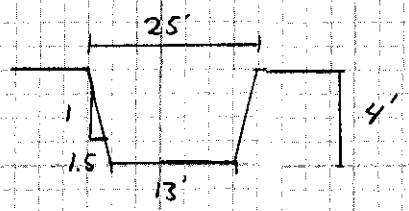
CLIENT Flood Control District of Maricopa County

JOB NAME Glendale/Peoria ADMP Update

JOB NO. 310.017

N24B WILLIAMS AND 73rd AVE (HILLCREST)





LOWER flows ARE INTERSEPTED BY GRATES

Q = 1040

ASSUME THERE IS NO FLOW SOUTH ON 73rd AVE

Entellus™

SHEET _____ OF _____

BY _____ DATE _____

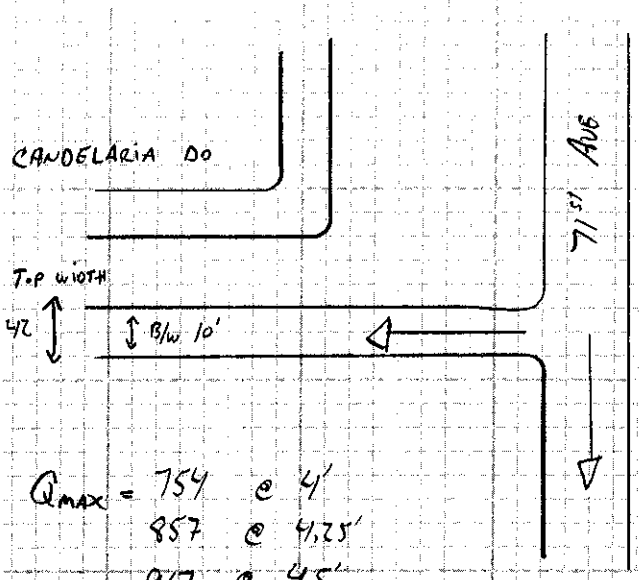
CHECK _____ DATE _____

CLIENT Flood Control District of Maricopa County

JOB NAME Glendale/Peoria AOMP Update

JOB NO. 310.017

X30 Channel @ 71st Ave and Candelaria Dr



Q_{max} = 754 @ 4'
857 @ 4.25'
967 @ 4.5'
1212 @ 5'

28 @ 0.25'
89 @ 0.5'
286 @ 1.0'

Channel to the West takes all excess flow except 0.25' of Road flow, until channel depth is 4' then use table

Depth	Channel	Road
4'	754	28
4.25'	857	28
4.5'	967	99
5'	1212	286

Entellus™

SHEET _____ OF _____

BY _____ DATE _____

CHECK _____ DATE _____

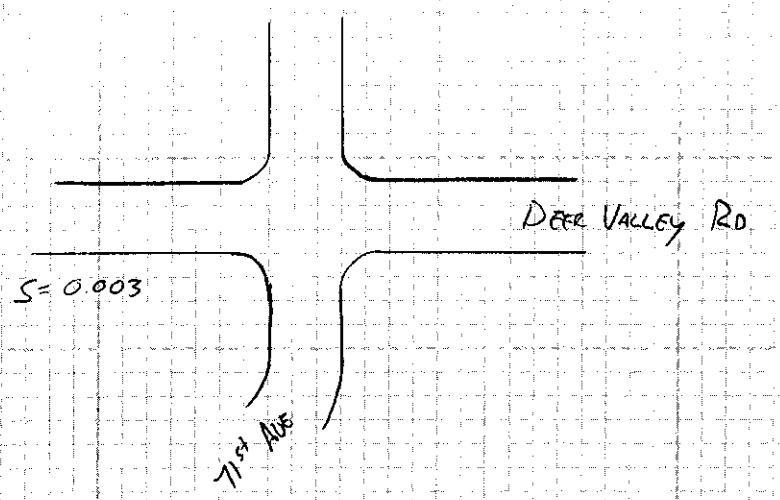
CLIENT Flood Control District of Maricopa County

JOB NAME Glendale/Peoria ADMP Update

JOB NO. 310.017

N23A Deer Valley Rd @ 71st Avenue

Triple split West - East - South



Lower flows are intercepted by Deer Valley Rd.

Entellus™

SHEET _____ OF _____

BY _____ DATE _____

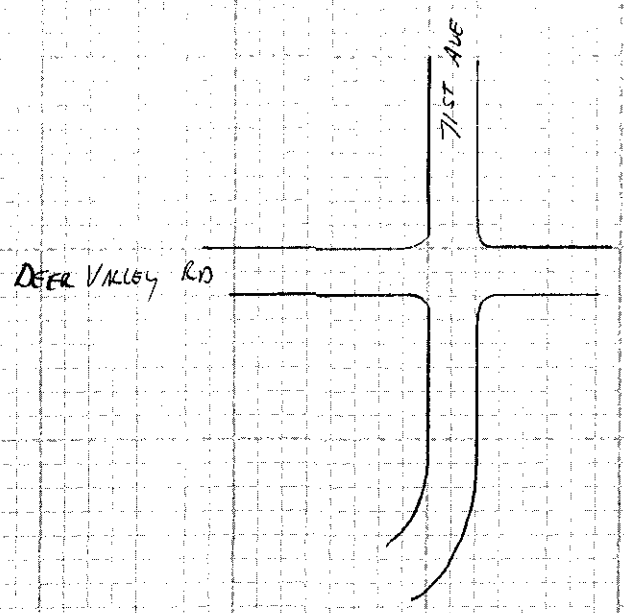
CHECK _____ DATE _____

CLIENT Flood Control District of Maricopa County

JOB NAME Glendale/Peoria ADMP Update

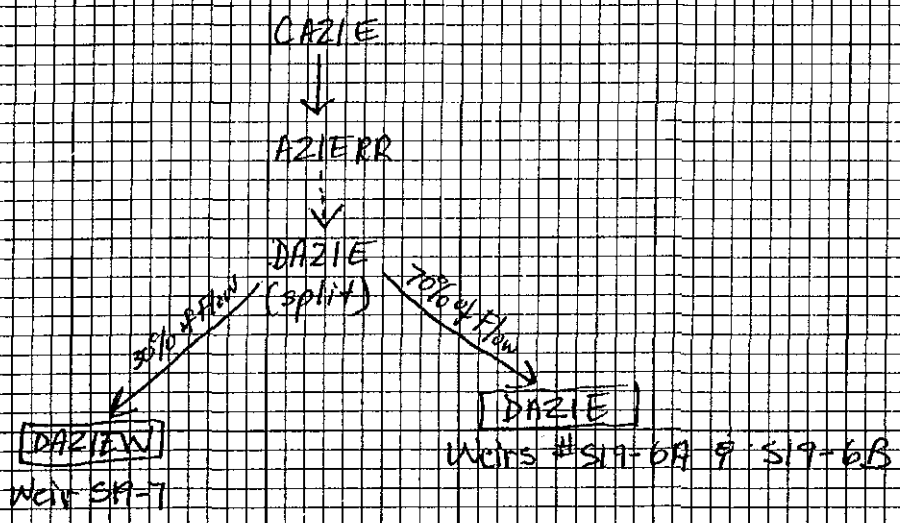
JOB NO. 310.017

N23A Deer Valley Rd @ 71st Ave (Arrowhead Loop)



2/3 INTO ARROWHEAD SUBDIVISION 1/3 TO THE EAST

② Flow Split at DAZIE in Lake #7
AZIERR ≅ 136 cfs (HEC-1)



Stage-Discharge Elevation ≅ 1302.3 ft. in Lake #7
Plus, due to the weirs geometry and characteristic of the weirs (Weirs # S19-6A, S19-6B and S19-7) per rating table in Appendix D.4 and Table A2-3.

Therefore, approximately 70% of the total flow of 136 cfs from AZIERR split south over the two-alike weirs (Weirs # S19-6A & # S19-6B), and the other 30% split west over Weir # S19-7 in Lake #7.

So, 136 cfs × (0.70) ≅ 95 cfs for DAZIE (HEC-1)
and 136 cfs × (0.30) ≅ 41 cfs for DAZIEW (HEC-1)
at 1302.3 ft in Lake #7 (Table A2-3).

Entellus™

SHEET _____ OF _____

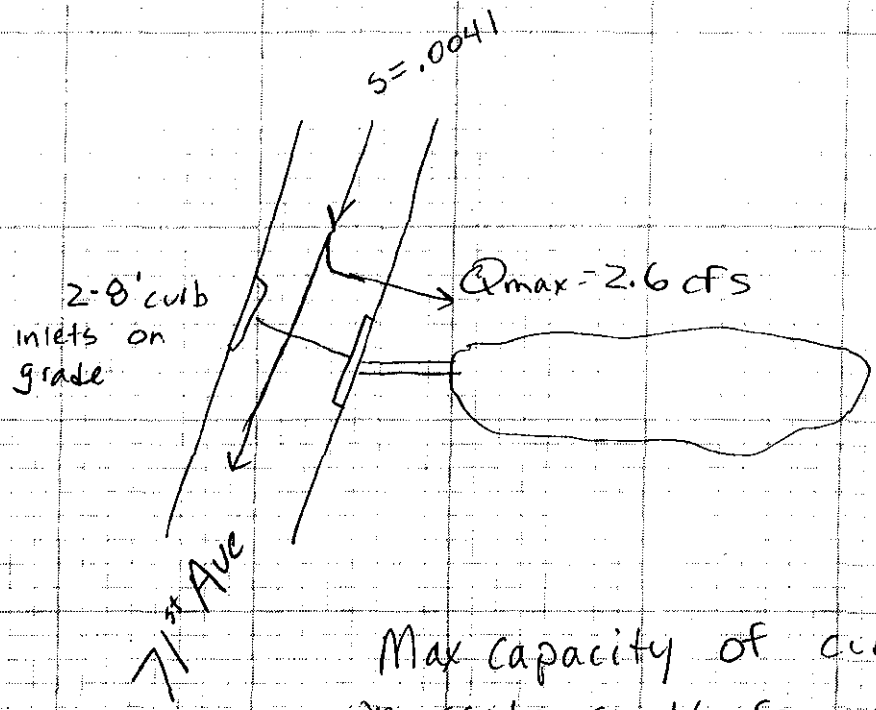
BY _____ DATE _____

CHECK _____ DATE _____

CLIENT _____

JOB NAME _____ JOB NO. _____

(4) Diversion D21A22



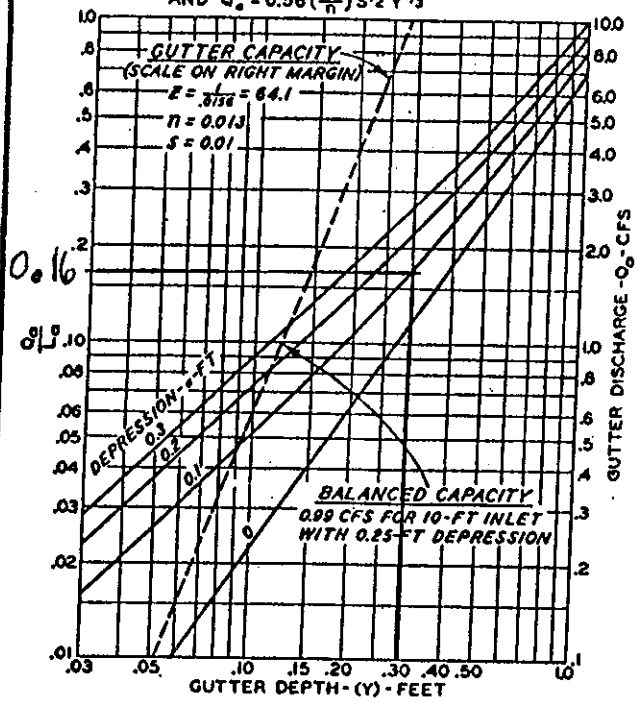
Max capacity of curb inlets on-grade is .16 cfs per foot X 16 ft = 2.6 cfs max. (See attached sheet)

Z/n = 4,150

GRAPHIC SOLUTION OF:

$$\frac{Q_a}{L_a} = 0.7\,(a+Y)^{3/2}\left[1-\left(1-\frac{Y}{a+Y}\right)^{3/2}\right]$$

AND $Q_a = 0.56\left(\frac{Z}{n}\right) S^{1/2}\, Y^{8/3}$



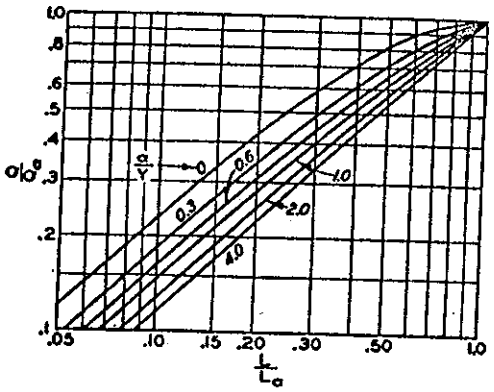
a.-CAPACITY OF CURB OPENING INLET IN CUBIC FEET PER SECOND PER FOOT OF LENGTH, DEPENDING UPON DEPTH IN APPROACH GUTTER (Y) IN FEET, AND DEPRESSION OF GUTTER FLOW LINE (a) IN FEET WHEN INTERCEPTING 100% OF GUTTER FLOW.

GRAPHIC SOLUTION OF:

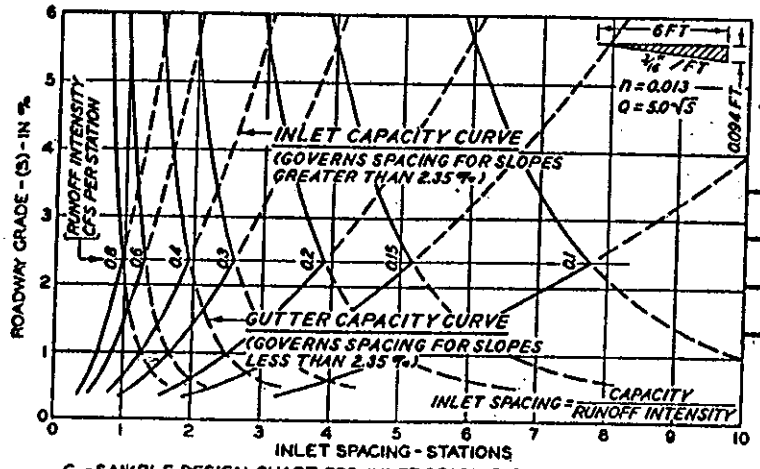
$$\frac{Q}{Q_a} = \frac{\left(\frac{a}{Y}+1\right)^{5/2} - \left(\frac{a}{Y}+1-\frac{L}{L_a}\right)^{5/2}}{\left(\frac{a}{Y}+1\right)^{5/2} - \left(\frac{a}{Y}\right)^{5/2}}$$

L = ACTUAL LENGTH OF INLET
L_a = REQUIRED LENGTH TO INTERCEPT ENTIRE FLOW, Q_a, IN GUTTER.

TOP CURVE IS APPROXIMATE INTERCEPTION RATIO FOR INLET GRATING IF L/L_a IS TAKEN AS RATIO OF WIDTH OF GRATE TO TOTAL WIDTH OF FLOW IN GUTTER.



b.- PARTIAL INTERCEPTION RATIO FOR CURB OPENING INLETS.



TYPE	WIDTH OF GRATE
"F"	2.12
"E"	1.25
"D"	2.12

C.-SAMPLE DESIGN CHART FOR INLET SPACING ON VARIOUS GRADES (CHART IS APPLICABLE ONLY TO A 10-FT INLET WITH A 0.25-FT DEPRESSION AND GUTTER CROSS SECTION AS INDICATED).

PREPARED BY
BUREAU OF PUBLIC ROADS

CURB INLETS
DESIGN CHARTS

Figure 12

GPO 811-336-4

Entellus™

SHEET 3 OF

BY DATE

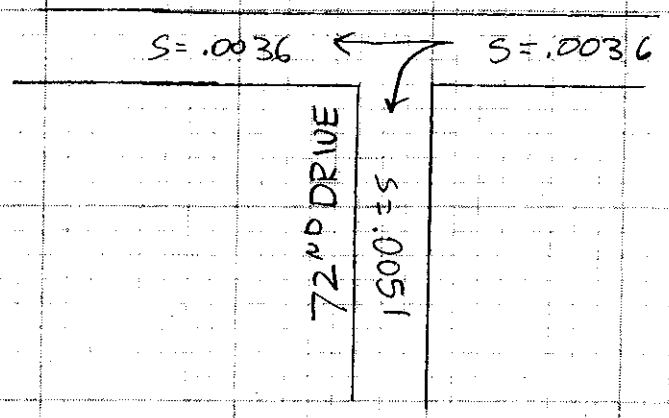
CHECK DATE

CLIENT

JOB NAME

JOB NO.

(3) Diversion D21A4



Assumed 60% of flow would continue flowing west, and 40% would flow south.

Entellus™

SHEET _____ OF _____

BY _____ DATE _____

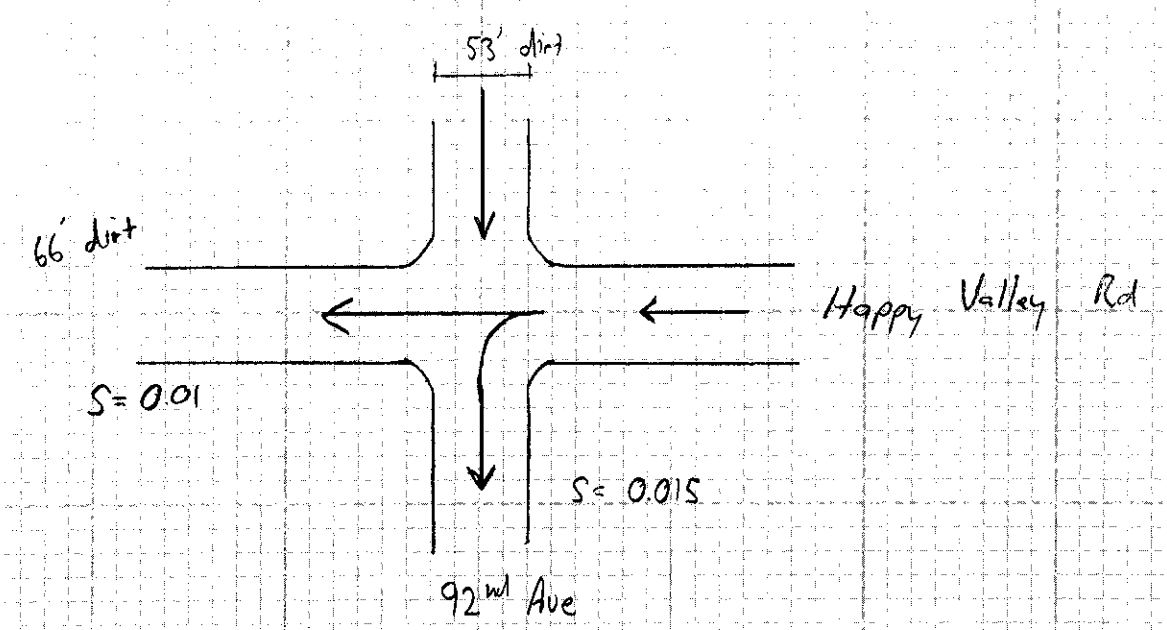
CHECK _____ DATE _____

CLIENT Flood Control District of Maricopa County

JOB NAME Glendale/Peoria ADMP update

JOB NO. 310.017

A09U Happy Valley Rd near 92nd Ave



Most likely along 92nd Ave

80% 92nd

20% Happy Valley

Entellus™

SHEET _____ OF _____

BY _____ DATE _____

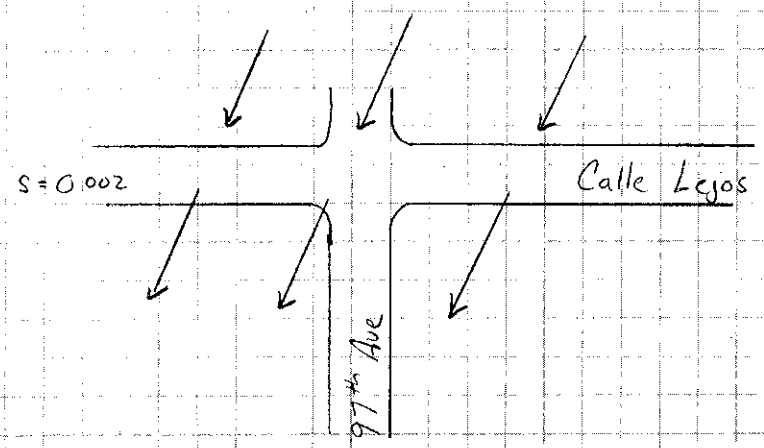
CHECK _____ DATE _____

CLIENT Flood Control District of Maricopa County

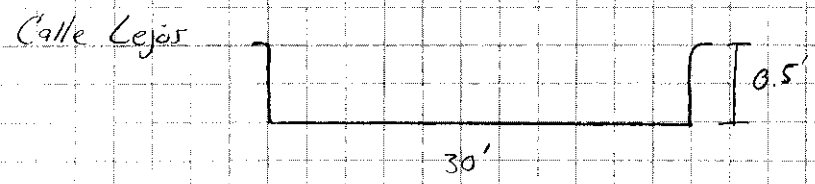
JOB NAME Glendale/Peoria ADMP update

JOB NO. 310.019

N 11 N Calle Lejas @ 97th Ave



flow south except for capacity of street



S = 0.002

n = 0.018

Q = 30 cfs

See split table

Entellus™

SHEET _____ OF _____

BY _____ DATE _____

CHECK _____ DATE _____

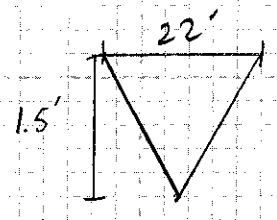
CLIENT Flood Control District of Maricopa County

JOB NAME Glendale/Peoria ADMP update

JOB NO. 310.017

N110 1/4 mile south of Happy Valley Rd 1/2 mile east of L.P. Rd

This is a future split existing conditions only small amounts split to the West. Based on the capacity of a small ditch



S = 0.005

n = 0.0030

Q = 47 cfs

Up to 47 cfs all flow to the west

larger flows to the west rest continues south.

Entellus™

SHEET _____ OF _____

BY _____ DATE _____

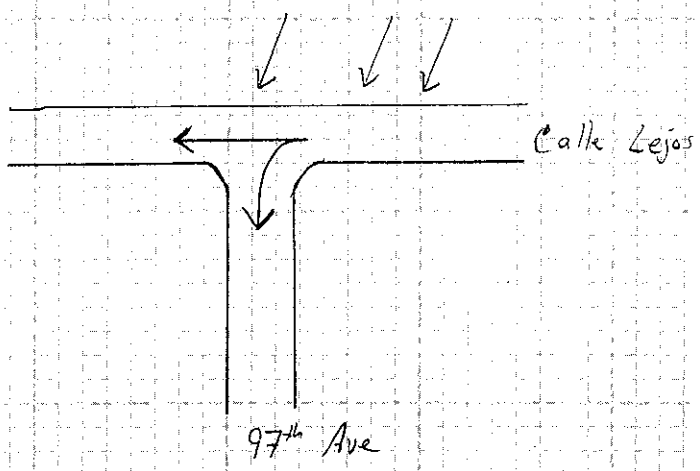
CHECK _____ DATE _____

CLIENT Flood Control District of Maricopa County

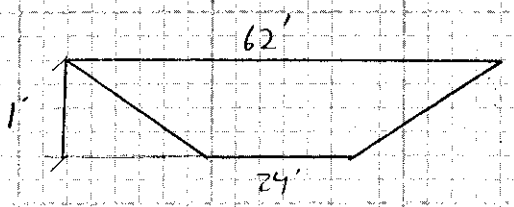
JOB NAME Glendale/Peoria ADMP update

JOB NO. 30.017

N11M Calle Lejas @ 97th Avenue



flow mostly on South direction except for capacity on road.



S = 0.004

n = 0.018

Q = 184

184 west along Calle Lejos

Higher flow 184 Calle Lejos rest South

Entellus™

SHEET _____ OF _____

BY _____ DATE _____

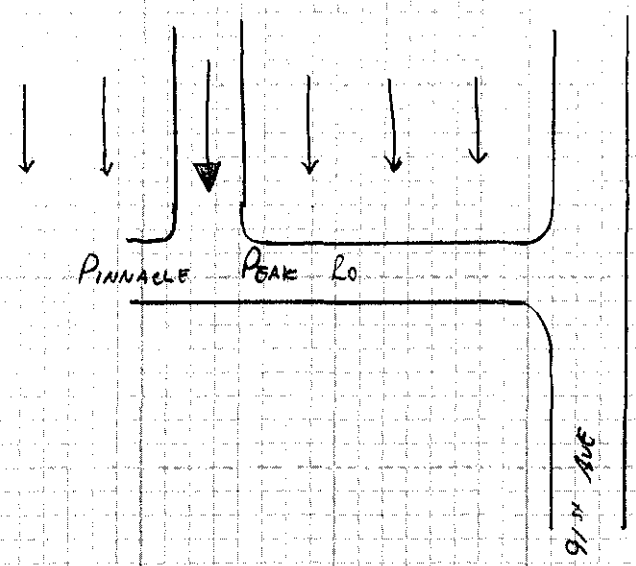
CHECK _____ DATE _____

CLIENT Flood Control District of Maricopa County

JOB NAME Glendale/Peoria ADMP Update

JOB NO. 310.017

N11K Pinnacle Peak West of 91st Ave



Entellus™

SHEET _____ OF _____

BY _____ DATE _____

CHECK _____ DATE _____

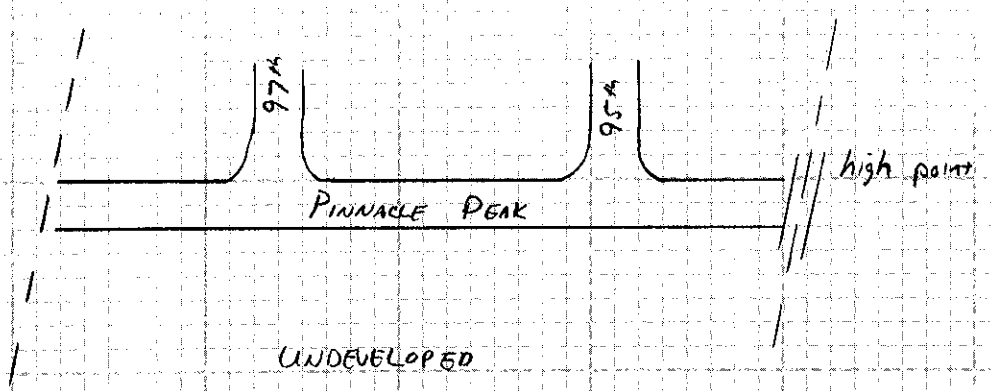
CLIENT Flood Control District of Maricopa County

JOB NAME Glendale/ Peoria ADMP Update

JOB NO. 310.017

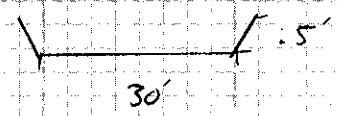
N11J Pinnacle Peak and 95th Avenue

All flow south except capacity of the road



30 cfs along Pinnacle Peak

rest to the south.



S = 0.002

Q = 30 cfs

Entellus™

SHEET _____ OF _____

BY _____ DATE _____

CHECK _____ DATE _____

CLIENT FLOOD CONTROL DISTRICT of MARICOPA COUNTY

JOB NAME GLENDALE/PEORIA ADMP UPDATE

JOB NO. 310.017

N1/G DEER VALLEY Align. 3/4 MILES EAST FROM LAKE PLEASANT

FUTURE DIVERSION ALL FLOW TO THE SOUTH

FOR EXISTING CONDITIONS

Entellus™

SHEET _____ OF _____

BY _____ DATE _____

CHECK _____ DATE _____

CLIENT FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

JOB NAME G/P ADMP UPDATE JOB NO. 310.017

DN11CW

DN11CE

Note:
DIVERSIONS WERE TAKEN FROM THE "FINAL DRAINAGE REPORT FOR PARKRIDGE AT 95th AVENUE AND BEARDSLEY ROAD" CVL INC, January 1994.

Entellus™

SHEET _____ OF _____

BY _____ DATE _____

CHECK _____ DATE _____

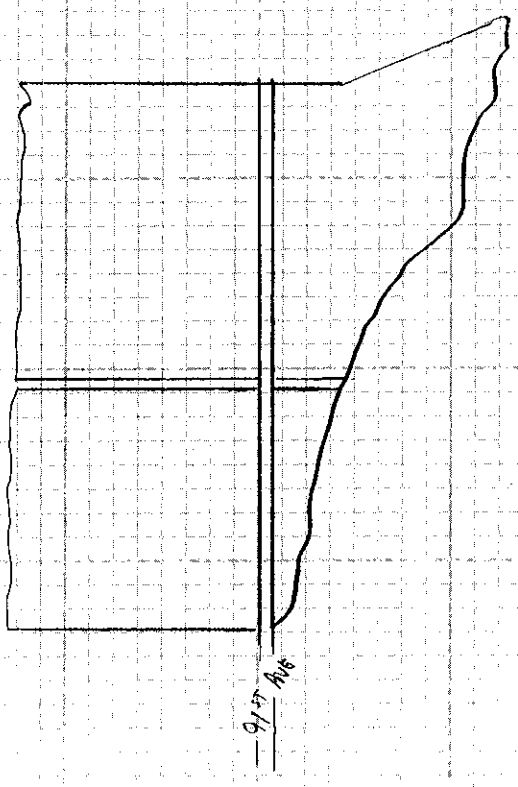
CLIENT Flood Control District of Maricopa County

JOB NAME Glendale/Peoria ADMP Update

JOB NO. _____

X5 Deer Valley Rd at 91st Ave

THIS SPLIT SEPERATES flow on 91st Ave from flow through BASIN N11H. BASINS N11N AND N11K CONTRIBUTE TO THIS flow.



AREA 12,228,940
4,265,796

30% of flow is on 91st Ave, THE REST IS SHEET AND SHALLOW flow ALONG THE WIDTH of THE BASIN.

Entellus™

SHEET _____ OF _____

BY _____ DATE _____

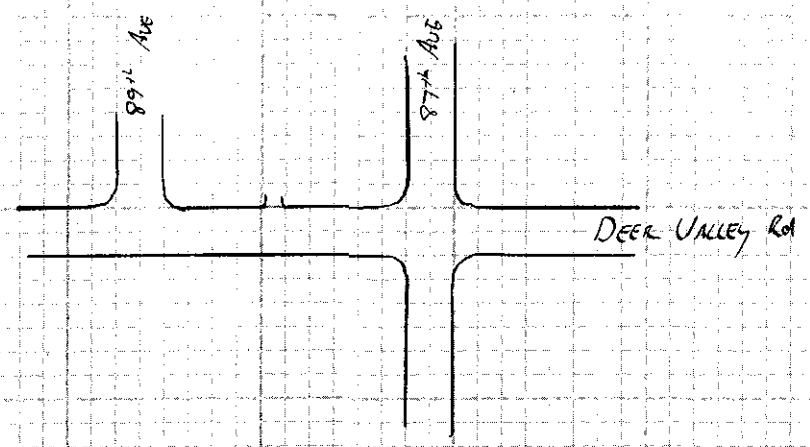
CHECK _____ DATE _____

CLIENT Flood Control District of Maricopa County

JOB NAME Glendale / Peoria AOMP Update

JOB NO. 310.017

N111 Deer Valley Rd @ 87th Ave.



36,944,379

89th Ave Flow Area 19,449,963

508 to 89th

508 to 87th

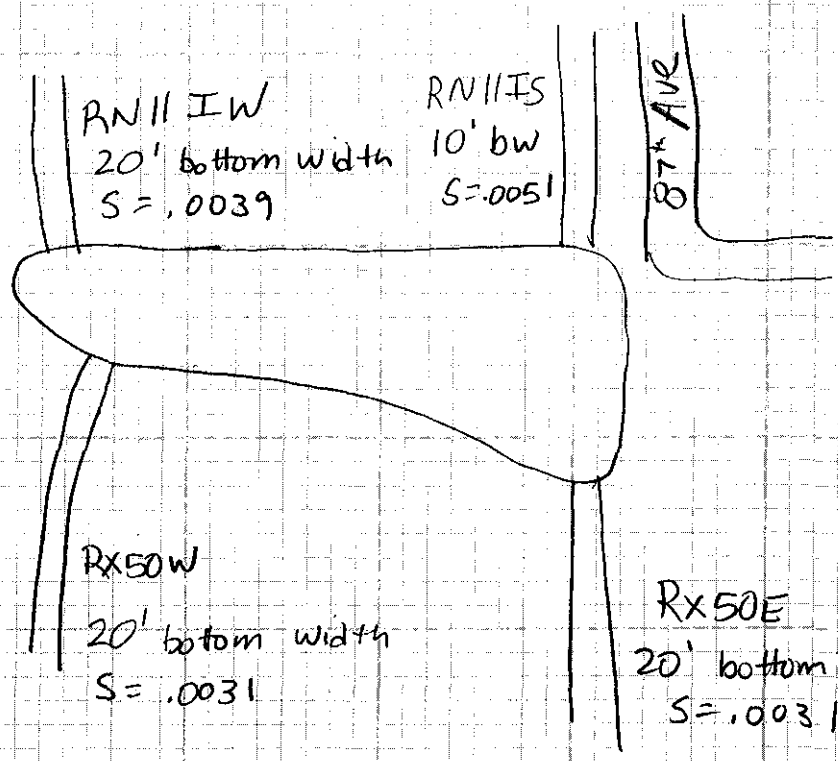
Entellus™

SHEET _____ OF _____
BY _____ DATE _____
CHECK _____ DATE _____

CLIENT FCDMC

JOB NAME ADMP UPDATE JOB NO. 310.017

X50 (Lake Pleasant Parkway Detention Basin)



Split was based on downstream channel dimensions using Manning's formula.

Rx50 W takes most of the lower flow, it has a lower upstream invert.

127 cfs west then 60% west 30% East until 1856 cfs.

After 1856 cfs it is a 30% west 60% east split.

Entellus™

SHEET _____ OF _____

BY _____ DATE _____

CHECK _____ DATE _____

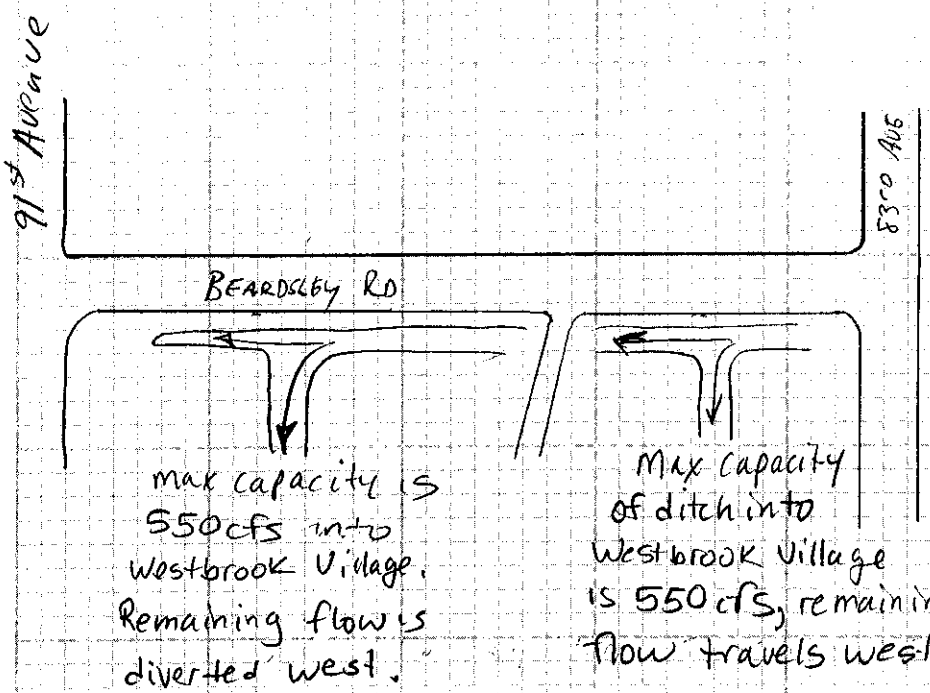
CLIENT Flood Control District of Maricopa County

JOB NAME Glendale/Peoria ADMP Update

JOB NO. 310.017

N22 Beardsley Rd West of 83rd Ave

N 11E



Entellus™

SHEET _____ OF _____

BY _____ DATE _____

CHECK _____ DATE _____

CLIENT Flood Control District of Maricopa County

JOB NAME Glendale/Peoria ADMP Update

JOB NO. 310.017

X1 Beardsley Rd @ 90th Avenue

No flow expected East or West all flow South

Entellus™

SHEET _____ OF _____

BY _____ DATE _____

CHECK _____ DATE _____

CLIENT FCDMC

JOB NAME ADMP UPDATE

JOB NO. 310.077

Diversions

DVNR, CCLUB, DV87S, DV89, DV91, DX55, & DX56 were obtained by the "Desert Amethyst Drainage Report," Wood, Patel & Inc., May 1999.

Entellus™

SHEET _____ OF _____

BY _____ DATE _____

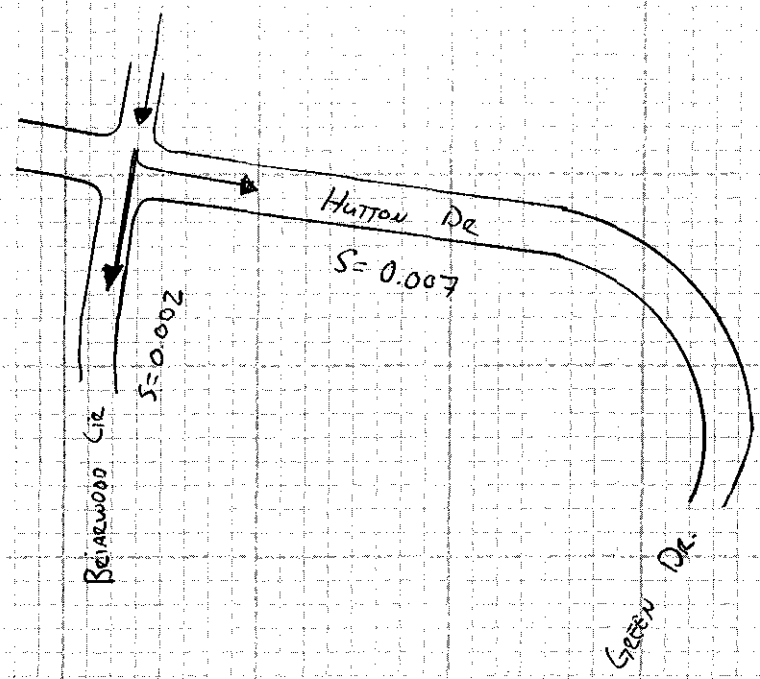
CHECK _____ DATE _____

CLIENT Flood Control District of Maricopa County

JOB NAME Glendale/Peoria ADMP Update

JOB NO. 310.017

S10R Briarwood and Hutton to Green Dr



SEE TABLES

Split Flow Table

Split Point Location: Brianwood and Hutton
Split Point ID: S10R
Split Description Double - Main brianwood
Split along Hutton-Green Dr.

		S =	0.002		S=	0.007		S=	0	
Inflow	Approx. Depth	**Main flowpath**			**Diverted flowpath 1**			**Diverted flowpath 2**		
		width	n value	Flow	width	n value	Flow	width	n value	Flow
0	0.0	40	0.018	0.0	40	0.018	0.0	0	0.018	0.0
45	0.5	40	0.018	15.8	40	0.018	29.6	0	0.018	0.0
91	0.8	40	0.018	31.7	40	0.018	59.2	0	0.018	0.0
136	1.0	40	0.018	47.5	40	0.018	88.9	0	0.018	0.0
182	1.2	40	0.018	63.3	40	0.018	118.5	0	0.018	0.0
227	1.4	40	0.018	79.2	40	0.018	148.1	0	0.018	0.0
273	1.5	40	0.018	95.0	40	0.018	177.7	0	0.018	0.0
318	1.7	40	0.018	110.8	40	0.018	207.3	0	0.018	0.0
364	1.8	40	0.018	126.7	40	0.018	237.0	0	0.018	0.0
409	2.0	40	0.018	142.5	40	0.018	266.6	0	0.018	0.0
455	2.1	40	0.018	158.3	40	0.018	296.2	0	0.018	0.0
500	2.2	40	0.018	174.2	40	0.018	325.8	0	0.018	0.0

Entellus™

SHEET _____ OF _____

BY _____ DATE _____

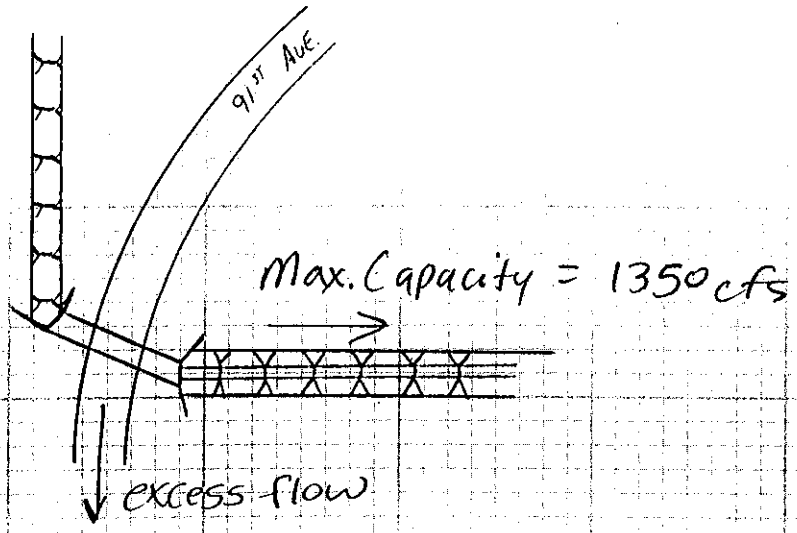
CHECK _____ DATE _____

CLIENT Flood Control District of Maricopa County

JOB NAME Glendale/Peoria ADMP Update

JOB NO. 310.017

N1.0 91st Avenue and Greenway Alignment



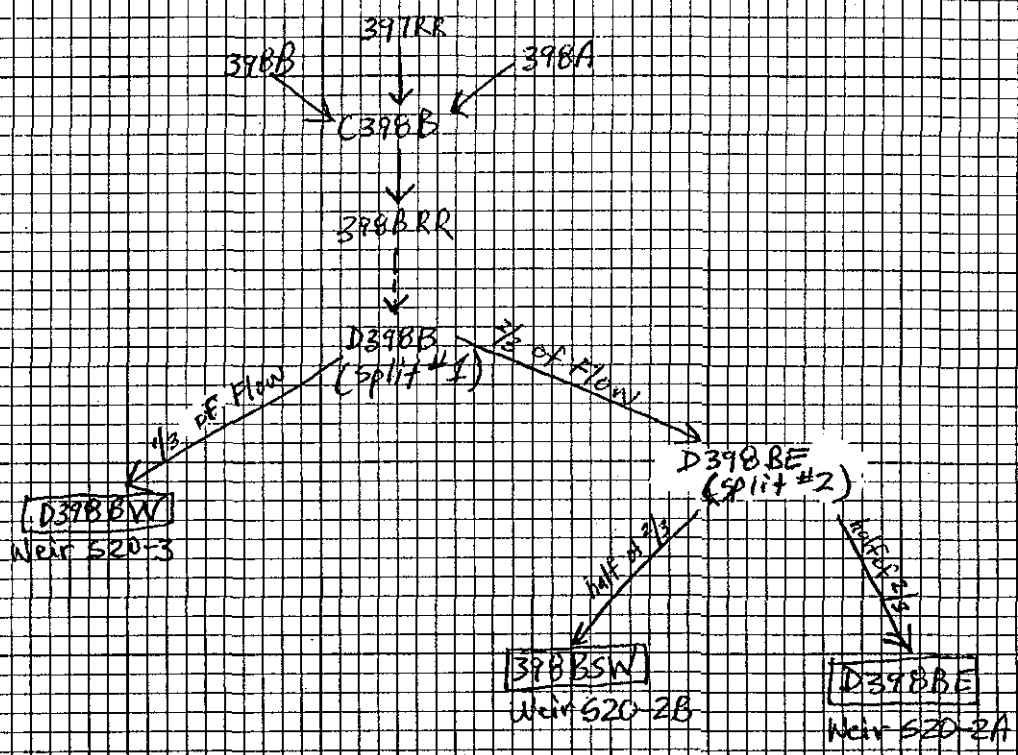
All flow to Greenway channel up to 750 cfs excess flow down 91st Ave to Lakes.

PENTACORE ARIZONA
Civil Engineering • Construction Administration
Land Surveying • Planning • ADA Consulting

Job No. 5043.0001 Sheet ____ of ____
Project Arrowhead Lakes
Subject Flow Split Calculations
Designed By ____ Date ____ Checked By ____ Date ____

① Flow Split at D398B and D398BE in Lake #2

398BRR = 974 cfs (HEC-1)



Stage-Discharge Elevation ≈ 1295.3 ft. in Lake #2 Has, due to the approximately same weir geometry and characteristic of the three weirs (Weirs #S20-2A, #S20-2B and #S20-3) per rating table in Appendix D.4 and Table A1-3.

Therefore, approximately one-third (1/3) of the total flow of 974 cfs from 398BRR split over each weir in Lake #2.

So, 974 cfs / 3 weirs ≈ 325 cfs at 1295.3 ft (Table A1-3) to D398BE, 398BSW and D398BW (HEC1).

Entellus™

SHEET _____ OF _____

BY _____ DATE _____

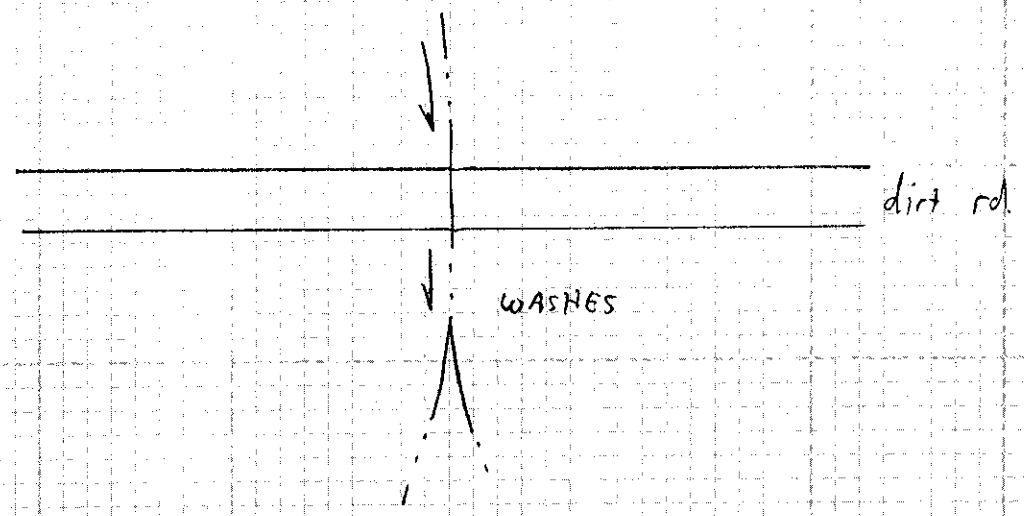
CHECK _____ DATE _____

CLIENT Flood Control District of Maricopa County

JOB NAME Glendale/Peoria ADMP update

JOB NO. 310.017

A11G JOMAX RD NEAR 94th AVE ALIGNMENT



Existing conditions entire flow x-road

Entellus™

SHEET _____ OF _____

BY _____ DATE _____

CHECK _____ DATE _____

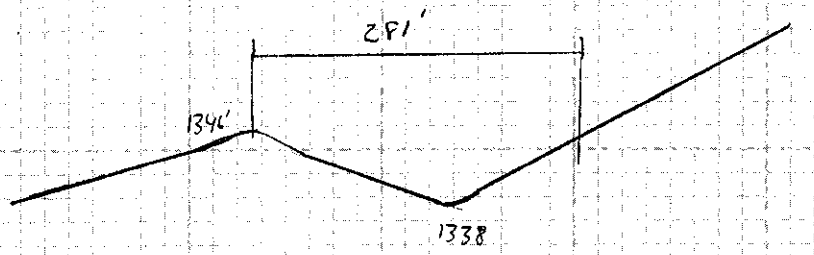
CLIENT Flood Control District of Maricopa County

JOB NAME Glendale/Peoria ADMP Update

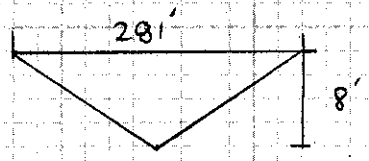
JOB NO. 30.017

A11F Lake Pleasant Rd North of Happy Valley

Capacity of Crossing



Assuming:



$S = 0.0206$

$n = 0.040$

$Q = 14{,}008$ cfs

No spill at this location currently but future X-ing may change.

Entellus™

SHEET _____ OF _____

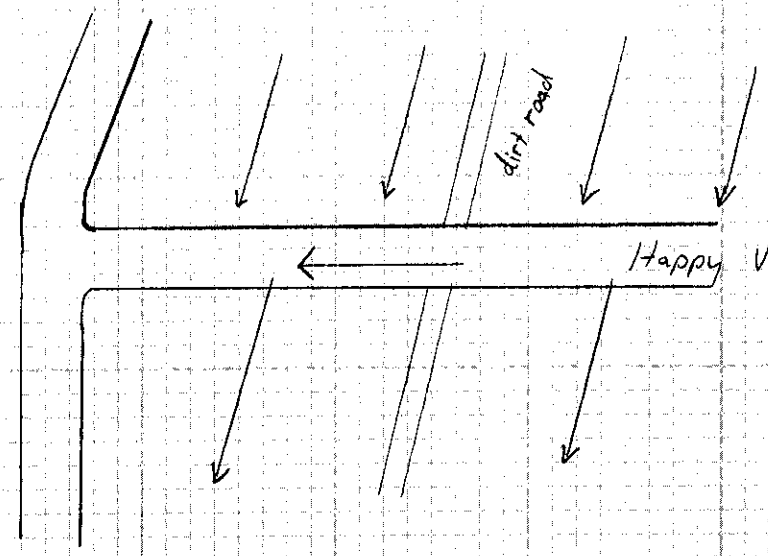
BY _____ DATE _____

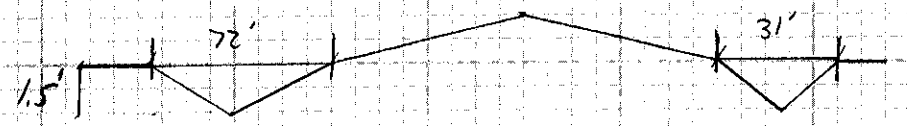
CHECK _____ DATE _____

CLIENT Flood Control District of Maricopa County

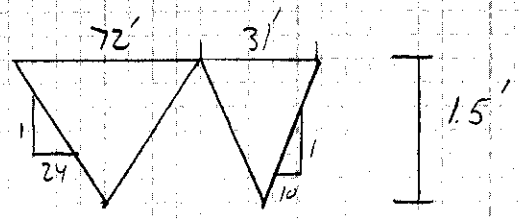
JOB NAME Glendale/Peoria ADMP update JOB NO. 310.017

A09T Happy Valley Road near Lake Plesant Rd





Capacity of roadway stay on H.V.R rest Split



148 cfs 61 cfs ⟹ 210 cfs

Entellus™

SHEET _____ OF _____

BY _____ DATE _____

CHECK _____ DATE _____

CLIENT FLOOD CONTROL DISTRICT of MARICOPA COUNTY

JOB NAME GLENDALE/PEORIA ADMP UPDATE

JOB NO. 310.017

A09 R 1/4 MILE SOUTH of HAPPY VALLEY @ LAKE PLEASANT

FUTURE SPLIT LOCATION

ALL EXISTING FLOWS DOWN LAKE PLEASANT RD

Entellus™

SHEET _____ OF _____

BY _____ DATE _____

CHECK _____ DATE _____

CLIENT FCDMC

JOB NAME ADMP UPDATE

JOB NO. 310.017

A090 ½ Mile west of Pinnacle Peak Rd & Lake Pleasant Rd

Future Split

ALL EXISTING FLOW TO THE SOUTH.

Entellus™

SHEET _____ OF _____

BY _____ DATE _____

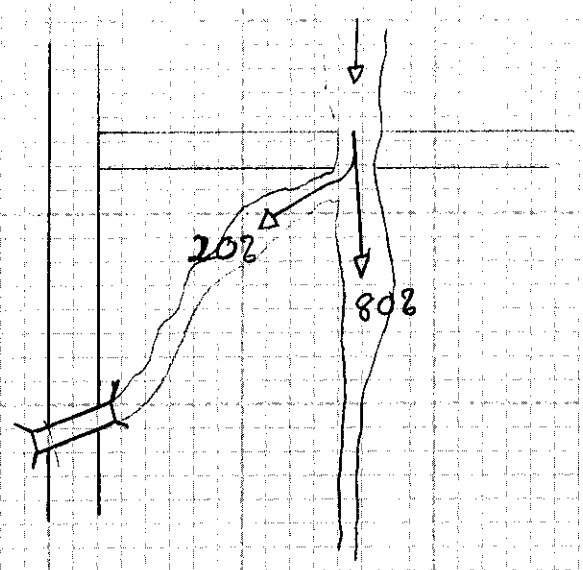
CHECK _____ DATE _____

CLIENT Flood Control District of Maricopa County

JOB NAME Glendale/Peoria ADMP Update

JOB NO. 310.017

A09K Deer Valley Rd Alignment East of Lake Pleasant Rd



For existing conditions split flow does not occur at Deer Valley Rd but across Basin A09K. Not enough contour info available, but judging from arial veg. density and size, southwest wash does not recieve much flow. Assume 80-20 split.

Entellus™

SHEET _____ OF _____

BY _____ DATE _____

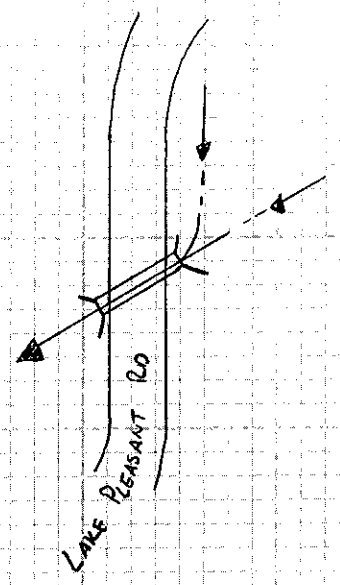
CHECK _____ DATE _____

CLIENT Flood Control District of Maricopa County

JOB NAME Glendale/Peoria ADMP Update

JOB NO. 310.017

X25 Lake Pleasant Rd 1/4 mile South of Deer Valley



Assumed 48" pipe at 1.5 HW/D Q = 110 cfs

Q_{in}	$Q_{culvert}$	Q
0	0	0
100	25	75
200	65	135
300	100	200
400	110	290
500	110	390
600	110	490

Entellus™

SHEET _____ OF _____

BY _____ DATE _____

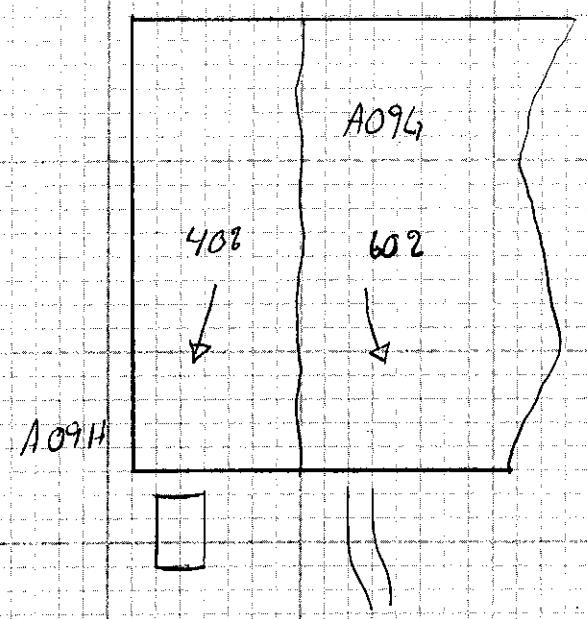
CHECK _____ DATE _____

CLIENT Flood Control Distric of Maricopa County

JOB NAME Glendale/Peoria ADMP Update

JOB NO. 310.017

A09G BASINS A09G AND A09H



40% of BASIN A09G flows WEST

60% flows SOUTH

Entellus™

SHEET _____ OF _____

BY _____ DATE _____

CHECK _____ DATE _____

CLIENT FCDMC

JOB NAME ADMP UPDATE

JOB NO. 310.017

A09J Deer Valley Rd & Lake Pleasant Rd

Future Split

ALL EXISTING FLOW TO THE SOUTH

Entellus™

SHEET _____ OF _____

BY _____ DATE _____

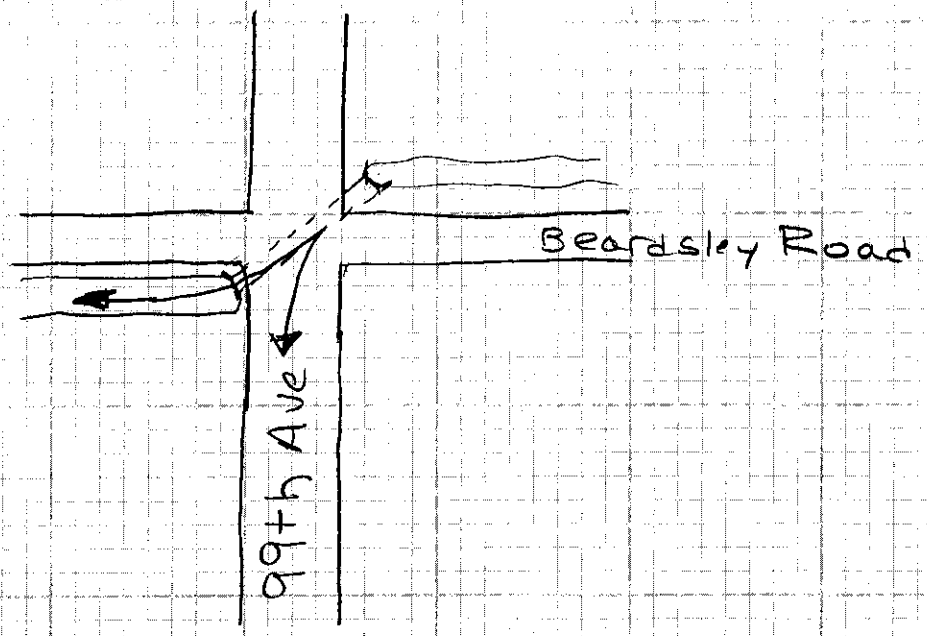
CHECK _____ DATE _____

CLIENT FCDMC

JOB NAME ADMP UPDATE

JOB NO. 310.017

A09F Beardsley Road & 99th Avenue



Beardsley Road channel capacity is 420 cfs. Most of remaining flow overtops Beardsley Road and flows south down 99th Avenue.

Entellus™

SHEET _____ OF _____

BY _____ DATE _____

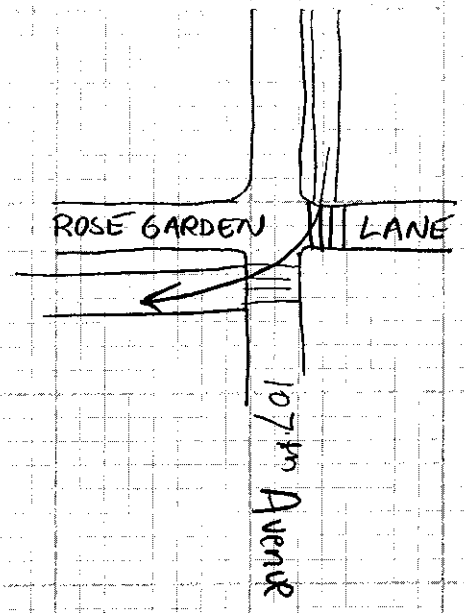
CHECK _____ DATE _____

CLIENT FCDMC

JOB NAME ADMP UPDATE

JOB NO. 310.017

A09I Rose Garden Lane & 99th Avenue



The flow goes west, but future flows May overtop and flow down 99th Avenue.

Entellus™

SHEET _____ OF _____

BY _____ DATE _____

CHECK _____ DATE _____

CLIENT FLOOD CONTROL DISTRICT of MARICOPA COUNTY

JOB NAME GLENDALE/PEORIA ADMP UPDATE

JOB NO. 310.017

A09S 1/4 MILE SOUTH of HAPPY VALLEY 1/4 EAST of L. PLEASANT

FUTURE SPLIT

ALL EXISTING FLOW TO THE SOUTH

Entellus™

SHEET _____ OF _____

BY _____ DATE _____

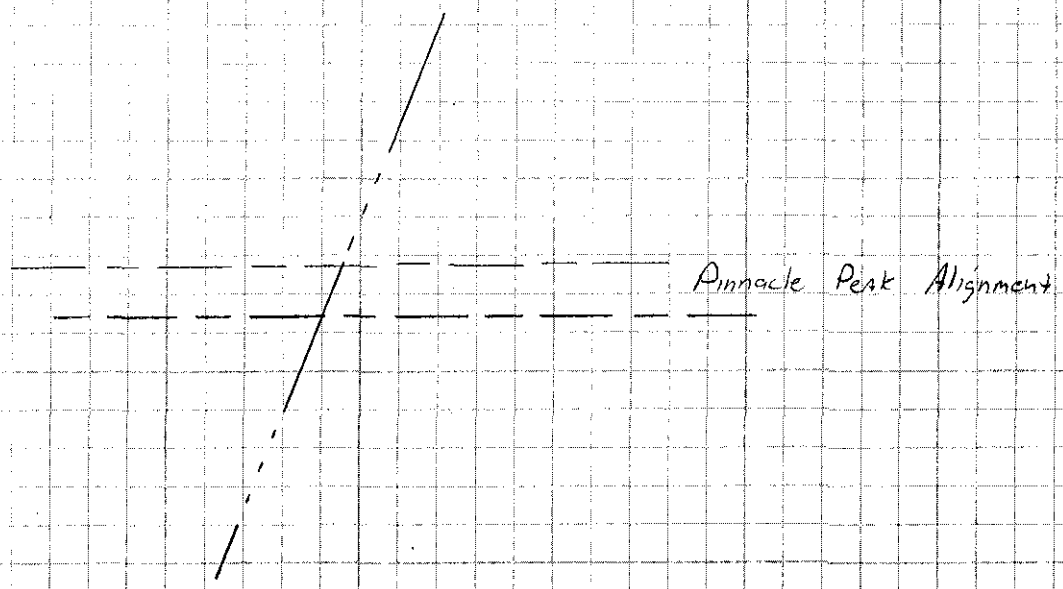
CHECK _____ DATE _____

CLIENT Flood Control District of Maricopa County

JOB NAME Glendale / Peoria ADMP update

JOB NO. 310.017

A3-Q Pinnacle Peak 1/4 mile west of Lake Pleasant Rd



Future split location

Existing all flow to the South

Entellus™

SHEET _____ OF _____

BY _____ DATE _____

CHECK _____ DATE _____

CLIENT FCDMC

JOB NAME ADMP UPDATE

JOB NO. 310.017

A09L Deer Valley Road & 107th Avenue

Future Split.

ALL EXISTING FLOW TO THE SOUTH.

Entellus™

SHEET _____ OF _____

BY _____ DATE _____

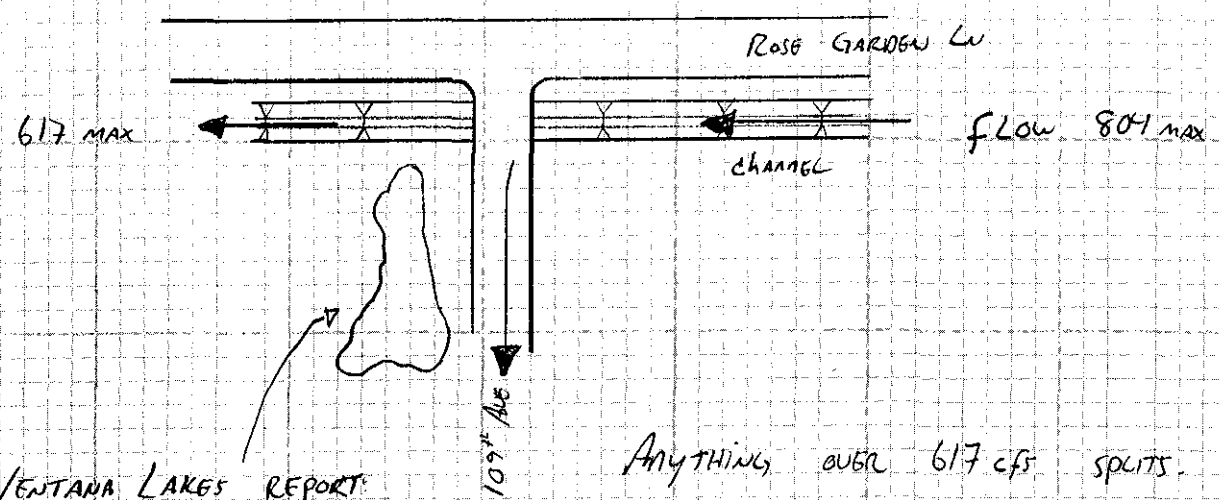
CHECK _____ DATE _____

CLIENT FLOOD CONTROL DISTRICT of MARICOPA COUNTY

JOB NAME GLENDALE/PEORIA ADMP UPDATE

JOB NO. 310.017

X10 CHANNEL @ ROSE GARDEN AND 109th AVE



VENTANA LAKES REPORT SHOWED DETENTION THIS WAS REPLACED BY HOMES

ANYTHING OVER 617 cfs SPLITS. 109th CAN CARRY 40 cfs FOR DEPTH OF 0.5 ft AND 136 cfs FOR 1.0 ft.

Entellus™

SHEET _____ OF _____

BY _____ DATE _____

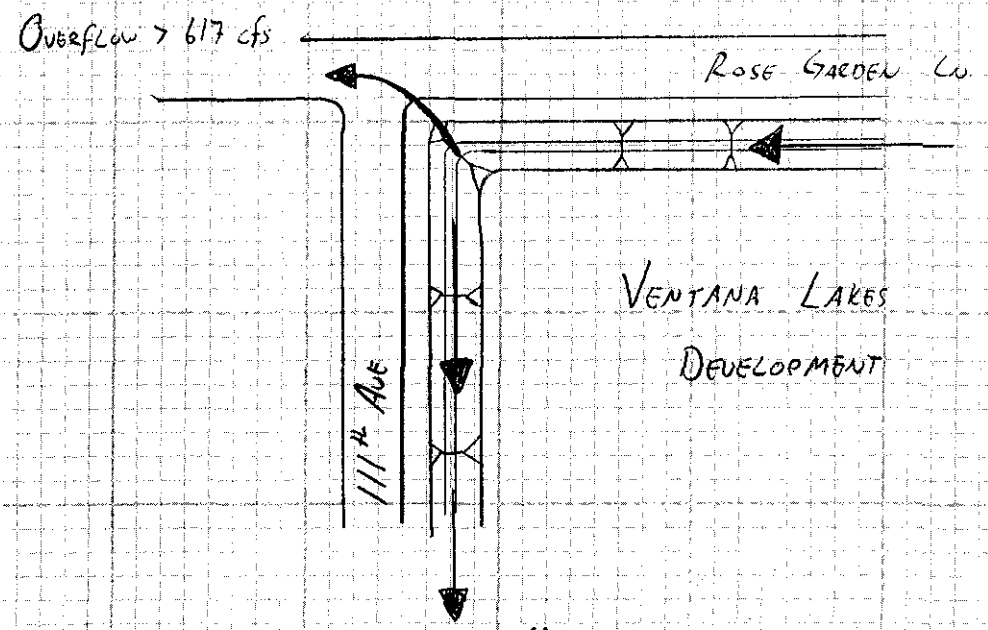
CHECK _____ DATE _____

CLIENT Flood Control District of Maricopa County

JOB NAME Glendale/Peoria ADMP Update

JOB NO. 310.017

XII Channel @ Rose Garden and 111th Avenue



Max Capacity = 617 cfs + 90° degree transition

Entellus™

SHEET _____ OF _____

BY _____ DATE _____

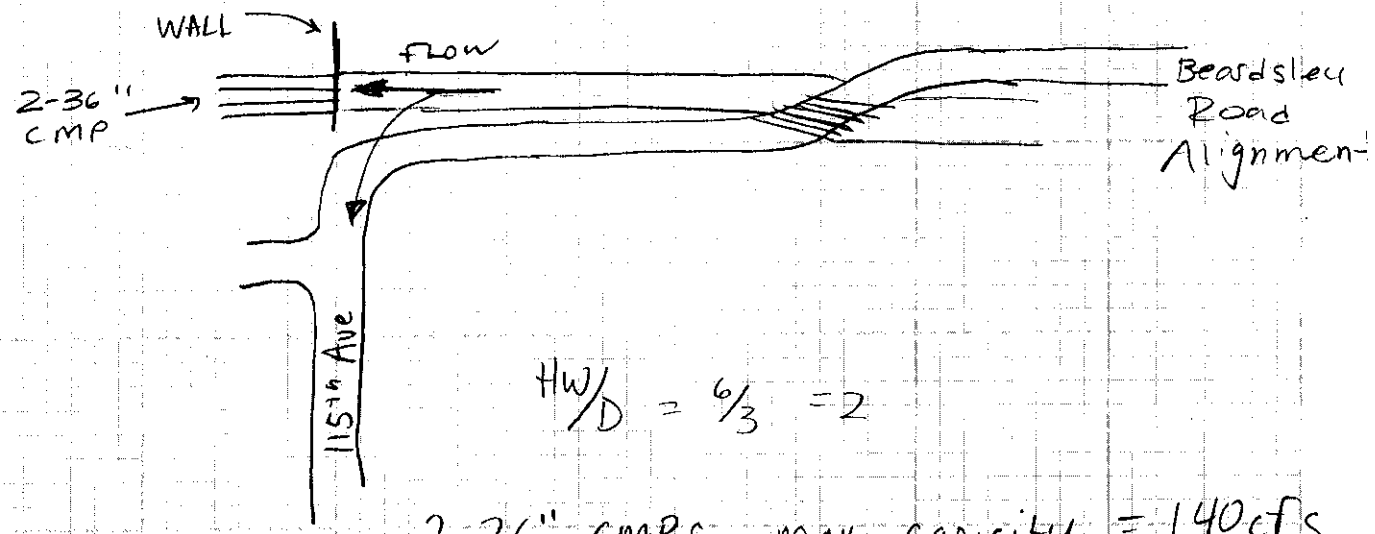
CHECK _____ DATE _____

CLIENT FCDMC

JOB NAME ADMP UPDATE

JOB NO. 310.017

A09A 115th Avenue & Beardsley Rd



$HW/D = 6/3 = 2$

2-36" CMPs max capacity = 140 cfs
(see next figure)

Entellus™

BY _____ DATE _____

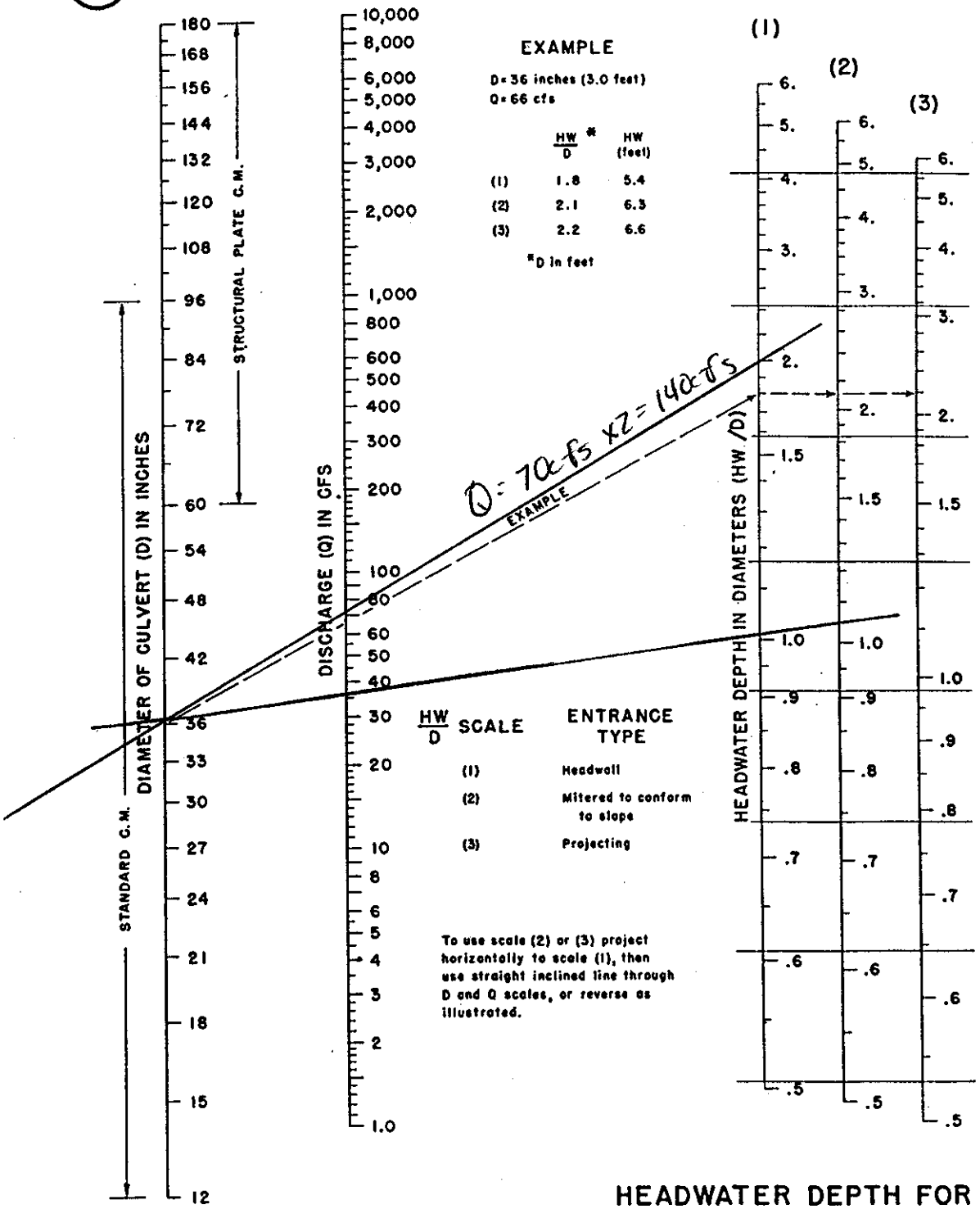
CHECK _____ DATE _____

CLIENT FCDMC

JOB NAME ADMP UPDATE

JOB NO. 310.027

CHART 2



HEADWATER DEPTH FOR C. M. PIPE CULVERTS WITH INLET CONTROL

BUREAU OF PUBLIC ROADS JAN. 1963

Entellus™

SHEET _____ OF _____

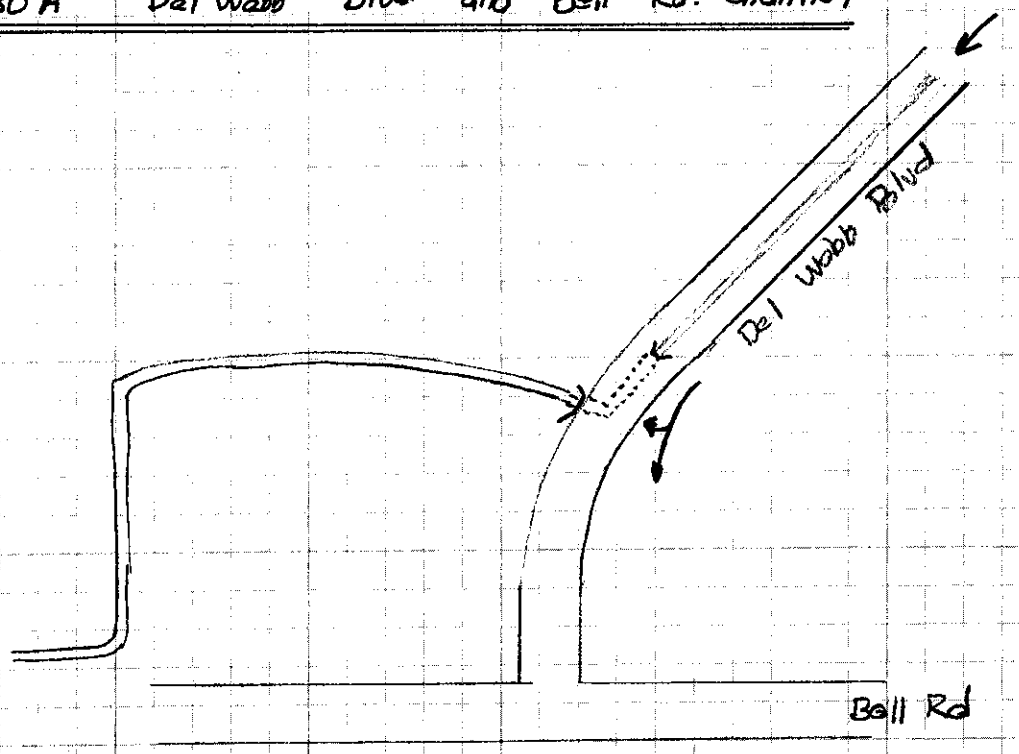
BY HAA. DATE _____

CHECK _____ DATE _____

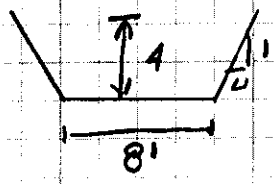
CLIENT Flood Control District of Maricopa County

JOB NAME Glendale/Peoria ADMP update JOB NO. 310.017

S 30 A Del Webb Blvd. and Bell Rd. Channel



this split was based on capacity of the Bell Rd channel



$S = 0.003$ ft/ft

using manning's $Q = 550$ cs

this split will be refined after the hydraulic conditions of the culverts and channels in this system are further analized.

Flows up to 550 c/s stay in channel

Entellus

SHEET		OF	
BY	HAA	DATE	12/28/97
CHECK		DATE	

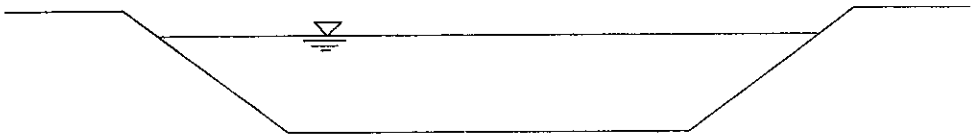
Client FCDMC

Job Glendale/Peoria ADMP

JOB NO. 310.017

TRAPEZOIDAL CHANNEL COMPUTATION

Location: S30A



Bottom Width	ft	8
Side Slopes (rigth)	Z:1	4
Side Slopes (left)	Z:1	4
Roughnes n		0.025
Bottom Slope	ft/ft	0.003000
Flow Depth	ft	4.00
Cross Sectional Area	sqft	96.00
Wetted Perimeter	ft	40.98
Hydraulic Radius	ft	2.34
Velocity	fps	5.76
Discharge	cfs	552.88
Freeboard	ft	0
Channel Depth	ft	4.00
Top Width	ft	40.00

Entellus™

SHEET _____ OF _____

BY _____ DATE _____

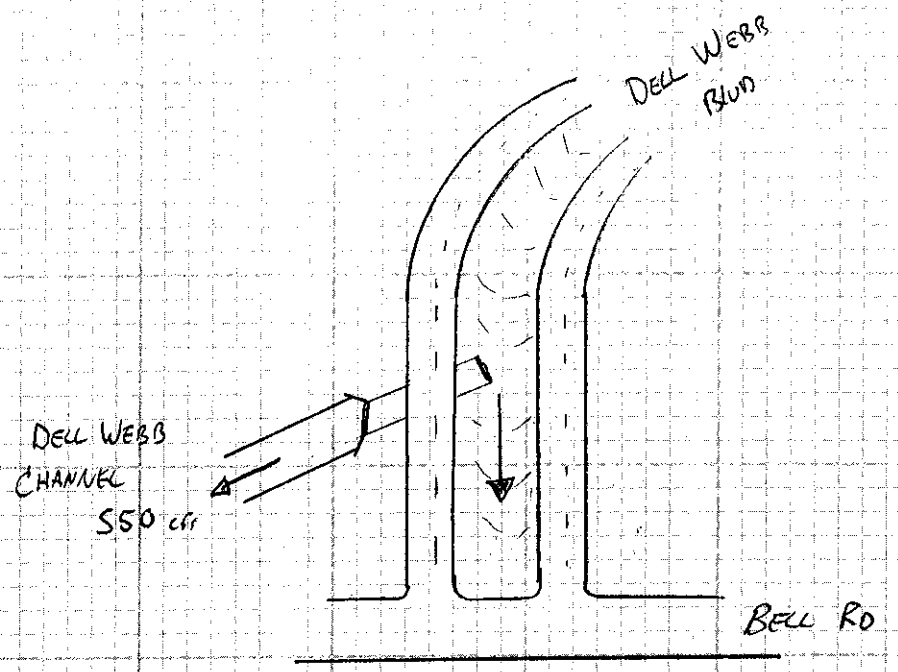
CHECK _____ DATE _____

CLIENT FLOOD CONTROL DISTRICT of MARICOPA COUNTY

JOB NAME GLENDALE/PEORIA AOMP UPDATE

JOB NO. 310.017

S30A DELL WEBB BLVD NORTH of BELL RD



ANYTHING OVER 550 cfs, OVERFLOWS CHANNEL SOUTH OVER BELL RD.

Entellus™

SHEET _____ OF _____

BY _____ DATE _____

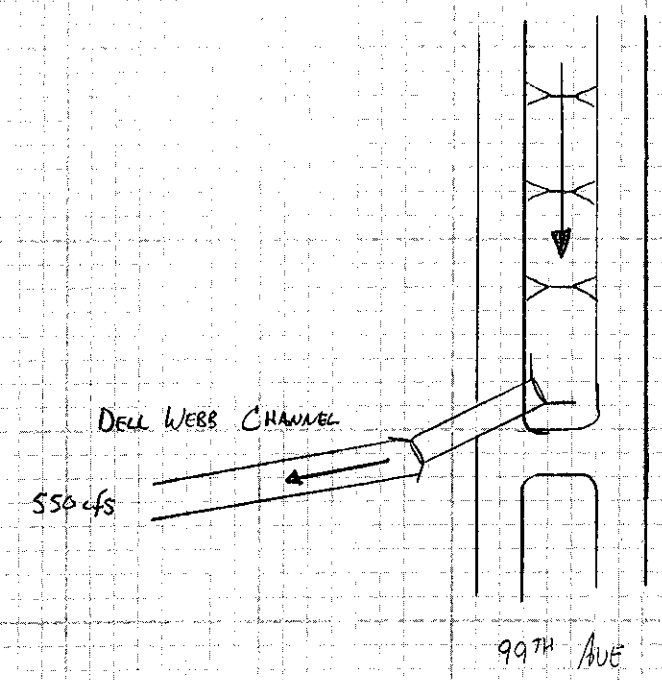
CHECK _____ DATE _____

CLIENT FLOOD CONTROL DISTRICT of MARICOPA COUNTY

JOB NAME GLENDALE/PEORIA ADMP UPDATE

JOB NO. 310.017

S30B 99TH AVE AND DELL WEBB BLVD



ANYTHING OVER 550 cfs CONTINUES SOUTH ON 99TH AVE

Entellus™

SHEET _____ OF _____

BY _____ DATE _____

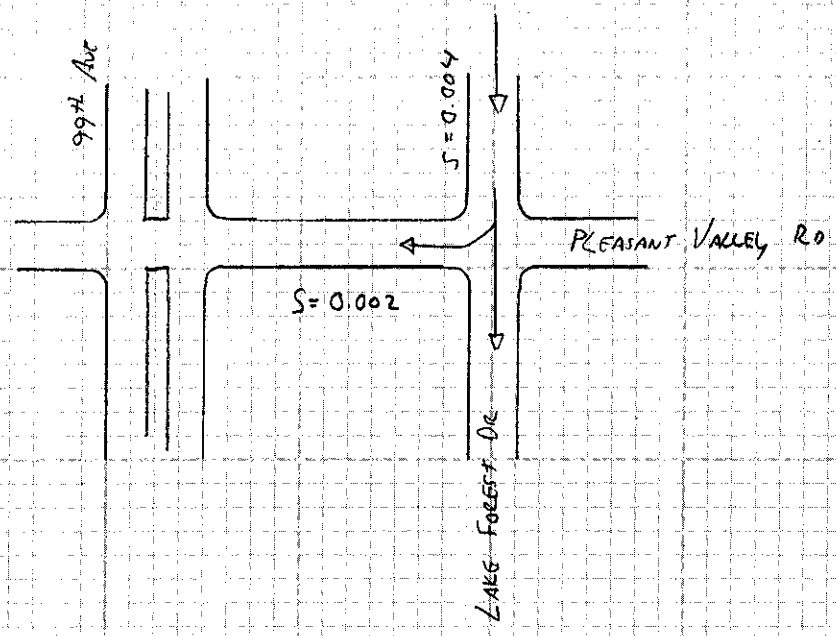
CHECK _____ DATE _____

CLIENT Flood Control District of Maricopa County

JOB NAME Glendale/Peoria ADMP Update

JOB NO. 310.017

S10J 99th Avenue and Pleasant Valley from Forest Dr



Same as S10I

See flow sheet Tables

Entellus™

SHEET _____ OF _____

BY _____ DATE _____

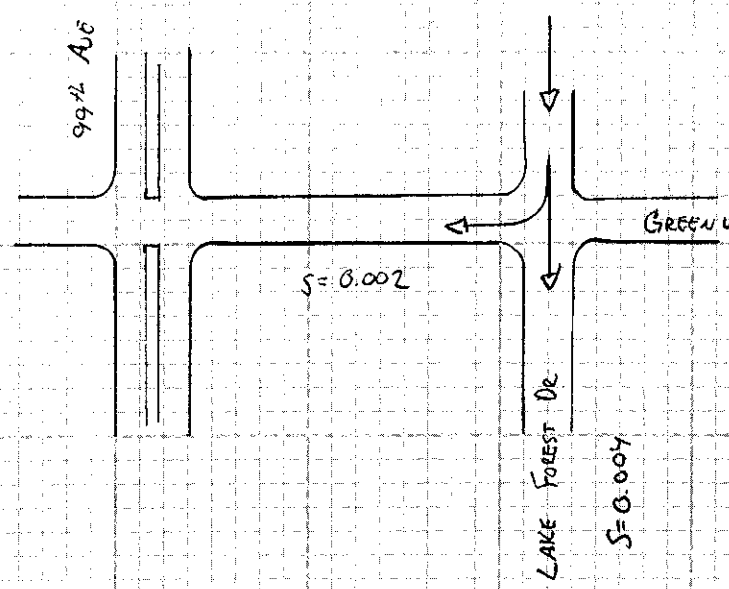
CHECK _____ DATE _____

CLIENT FLOOD CONTROL DISTRICT of MARICOPA COUNTY

JOB NAME GLENDALE/PEORIA AOMP UPDATE

JOB NO. 310.017

S101 99th AVE AND GREENWAY RD FROM LAKE FOREST DR



SEE FLOW SHEET TABLE

Split Flow Table

Split Point Location: 99th Avenue and 103RD Ave Rd from Forest Drive

Split Point ID: S10I

Split Description Double - Main south along Forest Dr.

Split along 103RD Rd to 99th Ave

		S =	0.004		S=	0.002		S=	0	
Inflow	Approx. Depth	Main flowpath			Diverted flowpath 1			Diverted flowpath 2		
		width	n value	Flow	width	n value	Flow	width	n value	Flow
0	0.0	40	0.018	0.0	40	0.018	0.0	0	0.018	0.0
45	0.6	40	0.018	26.6	40	0.018	18.8	0	0.018	0.0
91	0.9	40	0.018	53.3	40	0.018	37.7	0	0.018	0.0
136	1.1	40	0.018	79.9	40	0.018	56.5	0	0.018	0.0
182	1.3	40	0.018	106.5	40	0.018	75.3	0	0.018	0.0
227	1.5	40	0.018	133.1	40	0.018	94.1	0	0.018	0.0
273	1.7	40	0.018	159.8	40	0.018	113.0	0	0.018	0.0
318	1.9	40	0.018	186.4	40	0.018	131.8	0	0.018	0.0
364	2.0	40	0.018	213.0	40	0.018	150.6	0	0.018	0.0
409	2.2	40	0.018	239.6	40	0.018	169.5	0	0.018	0.0
455	2.3	40	0.018	266.3	40	0.018	188.3	0	0.018	0.0
500	2.4	40	0.018	292.9	40	0.018	207.1	0	0.018	0.0

Entellus™

SHEET _____ OF _____

BY _____ DATE _____

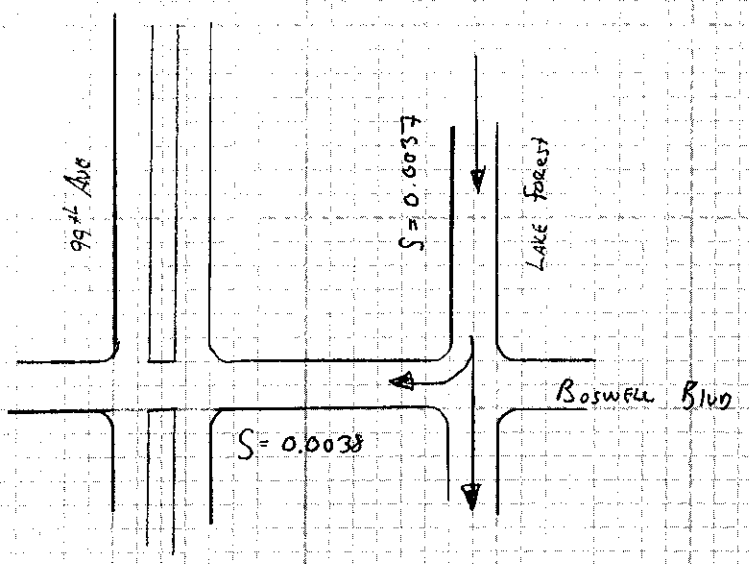
CHECK _____ DATE _____

CLIENT Flood Control District of Maricopa County

JOB NAME Glendale/Peoria ADMP Update

JOB NO. 310.017

S10N 99th Ave @ Boswell Blvd from Lake Forest Dr



50% Continues on Lake Forest

50% Flows to 99th Ave.

Entellus™

SHEET _____ OF _____

BY _____ DATE _____

CHECK _____ DATE _____

CLIENT FCDMC

JOB NAME ADMP UPDATE

JOB NO. 310.017

X40 99th Ave & Emberwood Drive

Main channel

4:1 side slopes

n = .015 (assumed)

S = .0026

Q → Manning's formula

1' = 31 cfs

2' = 135 cfs

3' = 340 cfs

4' = 680 cfs

5' = 1160 cfs

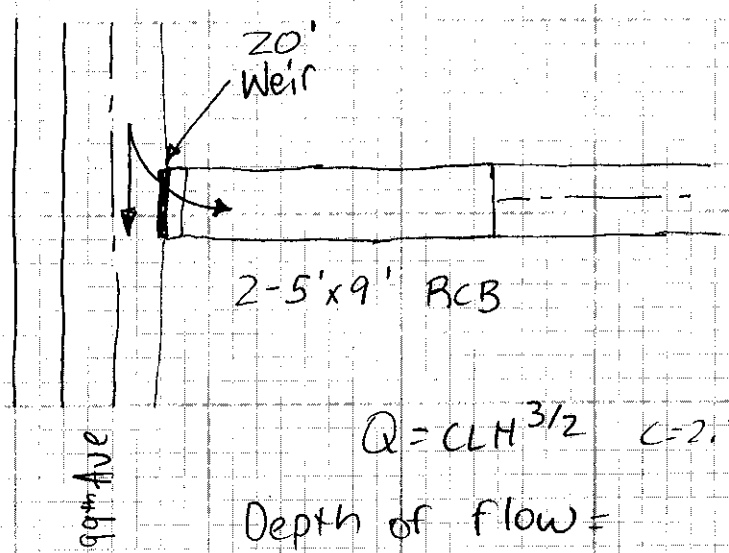
2-5x9' RCB flowing full

Assumed slope = 0.002

n = .015

$$2\times\left(\frac{1.49}{.015}(45ft^2)(.002)^{1/2}\left(\frac{45ft^2}{28ft}\right)^{2/3}\right)$$

Q_{max} = 550 cfs



$Q = CLH^{3/2}$ C=2.7 L=20

Depth of flow =

1' = $2.7(20)(1)^{3/2}$ = 54 cfs

2' = $2.7(20)(2)^{3/2}$ = 153 cfs

3' = $2.7(20)(3)^{3/2}$ = 280 cfs

4' = $2.7(20)(4)^{3/2}$ = 432 cfs

5' = $2.7(20)(5)^{3/2}$ = 604 cfs

6' = $2.7(20)(6)^{3/2}$ = 794 cfs

7' = $2.7(20)(7)^{3/2}$ = 1000 cfs

Maximum diverted is 550 cfs.

	Diverted	Main Route	Total
1'	= 54 cfs	31 cfs	85 cfs
2'	= 153 cfs	135 cfs	290 cfs
3'	= 280 cfs	340 cfs	620 cfs
4'	= 432 cfs	680 cfs	1110 cfs
5'	= 550 cfs	1160 cfs	1710 cfs

Entellus™

SHEET _____ OF _____

BY _____ DATE _____

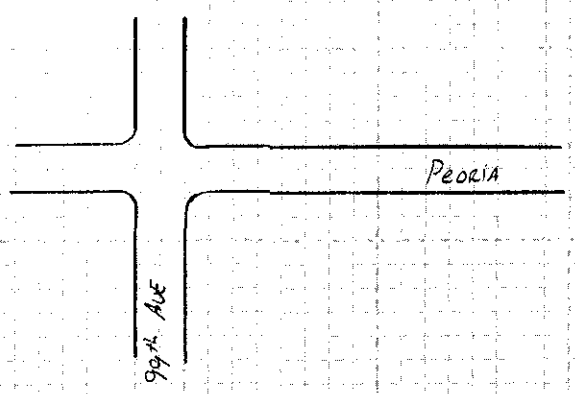
CHECK _____ DATE _____

CLIENT FLOOD CONTROL DISTRICT of MARICOPA COUNTY

JOB NAME GLENDALE / PEORIA ADMP UPDATE

JOB NO. 310.017

NOSB PEORIA @ 99th Avenue



90 ft DOWN 99th AVE

10 ft DOWN PEORIA AVE

Entellus™

SHEET _____ OF _____

BY _____ DATE _____

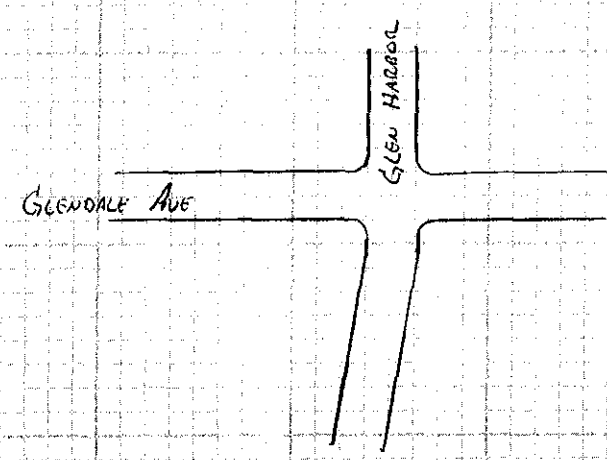
CHECK _____ DATE _____

CLIENT FLOOD CONTROL DISTRICT of MARICOPA COUNTY

JOB NAME GLENDALE/PEORIA ADMP UPDATE

JOB NO. 310.017

A01E GLENDALE AVE @ GLEN HARBOR BLVD.



60 % WEST ON GLENDALE

40 % SOUTH ON GLEN HARBOR

ACDC SUB-AREA MODEL

FLOW SPLIT RATING TABLES FOR COLLECTOR STREETS

Arterial Street Slope = 0.2%

Flow Depth	1/2 Street Flow [A]	Weir Flow [B]	Total Flow
0.0	0	0	0
0.1	0	0	0
0.2	0	0	1
0.3	2	0	3
0.4	4	0	7
0.5	7	0	14
0.6	8	0	16
0.7	12	1	25
0.8	29	4	61
0.9	42	10	93
1.0	60	17	138
1.1	82	26	191
1.2	107	38	251
1.3	134	51	318
1.4	163	65	391
1.5	194	80	469
1.6	228	97	553
1.7	264	114	642
1.8	301	133	736
1.9	341	153	835
2.0	382	174	938
2.1	425	195	1046
2.2	470	218	1158
2.3	516	241	1274
2.4	564	266	1395
2.5	614	291	1519
2.6	665	317	1648
2.7	718	344	1780
2.8	772	372	1916
2.9	827	400	2055

Arterial Street Slope = 0.3%

Flow Depth	1/2 Street Flow [A]	Weir Flow [B]	Total Flow
0.0	0	0	0
0.1	0	0	0
0.2	1	0	1
0.3	2	0	4
0.4	4	0	9
0.5	8	0	17
0.6	10	0	20
0.7	14	1	30
0.8	35	4	74
0.9	51	10	112
1.0	74	17	165
1.1	101	26	228
1.2	131	38	299
1.3	164	51	378
1.4	200	65	464
1.5	238	80	556
1.6	279	97	655
1.7	323	114	760
1.8	369	133	871
1.9	417	153	988
2.0	468	174	1110
2.1	521	195	1237
2.2	576	218	1369
2.3	633	241	1506
2.4	691	266	1648
2.5	752	291	1795
2.6	815	317	1947
2.7	879	344	2102
2.8	945	372	2263
2.9	1013	400	2427

NOTE: 1) [A] Based on City of Glendale typical arterial section number A-2
2) [B] Weir geometry based on City of Glendale typical collector section number C-3
3) ½ Street flows calculated by normal depth hydraulics using FlowMaster®

FLOW SPLIT RATING TABLES FOR COLLECTOR STREETS

Arterial Street Slope = 0.4%

Flow Depth	1/2 Street Flow [A]	Weir Flow [B]	Total Flow
0.0	0	0	0
0.1	0	0	0
0.2	1	0	1
0.3	2	0	4
0.4	5	0	10
0.5	10	0	19
0.6	11	0	23
0.7	17	1	35
0.8	40	4	85
0.9	59	10	127
1.0	85	17	188
1.1	116	26	259
1.2	151	38	339
1.3	189	51	428
1.4	230	65	525
1.5	275	80	630
1.6	323	97	742
1.7	373	114	860
1.8	426	133	985
1.9	482	153	1117
2.0	540	174	1255
2.1	601	195	1398
2.2	665	218	1547
2.3	730	241	1702
2.4	798	266	1862
2.5	868	291	2028
2.6	941	317	2199
2.7	1015	344	2374
2.8	1092	372	2555
2.9	1170	400	2741

Arterial Street Slope = 0.5%

Flow Depth	1/2 Street Flow [A]	Weir Flow [B]	Total Flow
0.0	0	0	0
0.1	0	0	0
0.2	1	0	1
0.3	2	0	5
0.4	6	0	11
0.5	11	0	22
0.6	13	0	25
0.7	19	1	39
0.8	45	4	95
0.9	66	10	141
1.0	96	17	208
1.1	130	26	286
1.2	169	38	375
1.3	211	51	473
1.4	258	65	580
1.5	307	80	695
1.6	361	97	818
1.7	417	114	948
1.8	477	133	1086
1.9	539	153	1231
2.0	604	174	1382
2.1	672	195	1540
2.2	743	218	1704
2.3	817	241	1875
2.4	893	266	2051
2.5	971	291	2233
2.6	1052	317	2421
2.7	1135	344	2614
2.8	1221	372	2813
2.9	1308	400	3017

NOTES:
1) [A] Based on City of Glendale typical arterial section number A-2
2) [B] Weir geometry based on City of Glendale typical collector section number C-3
3) ½ Street flows calculated by normal depth hydraulics using FlowMaster®

Assume normal flow in pipe.

Chezy-Manning Equation:

$$Q = \frac{1.49}{n} A R^{2/3} \sqrt{S_o}$$

where:

A = Area , P = wetted Perimeter or Circumference

R = Hydraulic Radius = A/P

n = Manning's Roughness Coefficient

n = 0.013 (for concrete pipe)

S_o = Longitude street or pipe slope

Q = Flow Capacity

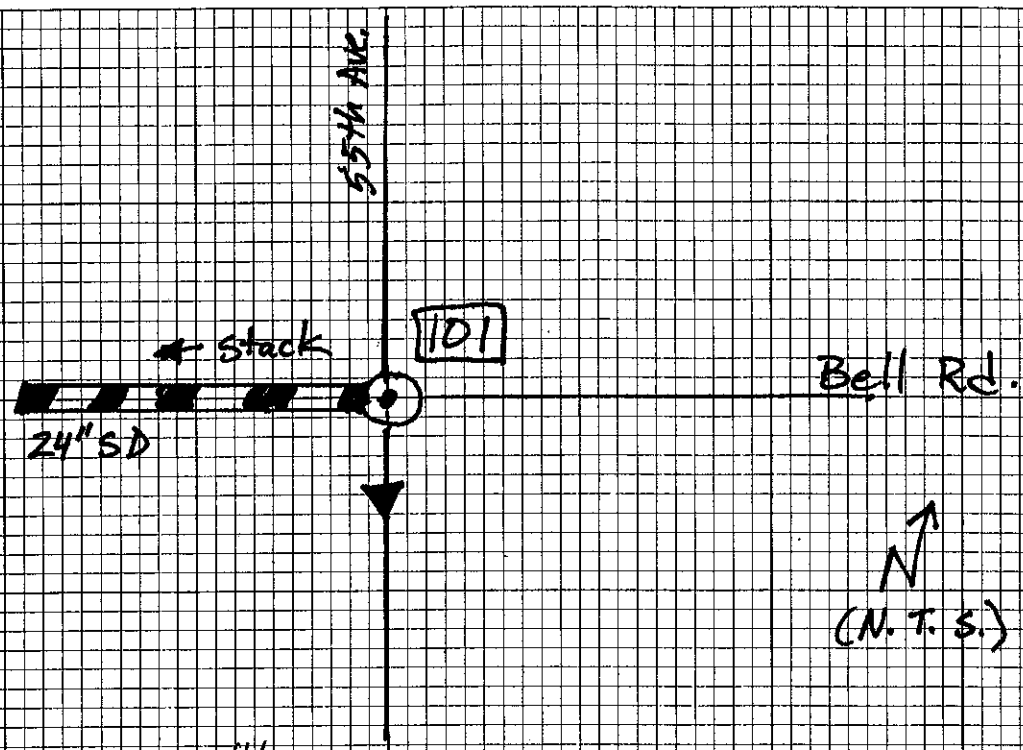
PENTACORE
ARIZONA
Civil Engineering • Construction Administration
Land Surveying • Planning • ADA Consulting

Job No. _____ Sheet 2 of _____

Project _____

Subject _____

Designed By _____ Date _____ Checked By _____ Date _____



$S \approx 0.003\ ft/ft$

$A = 3.14\ ft^2$ (πr^2)

$P = 6.28\ ft$ $(2\pi r)$

$\therefore\ Q = \frac{1.49}{0.013}(3.14)(3.14/6.28)^{2/3}(0.003)^{1/2}$

$Q \approx 12.4\ cfs$

- HEC-1 Diversion Card:
- Assume 0.4% slope Arterial street and use rating table for Diversion.

DI	0	12	100	500	1000	2000	2700
DQ	0	0.1	4	59	133	285	400

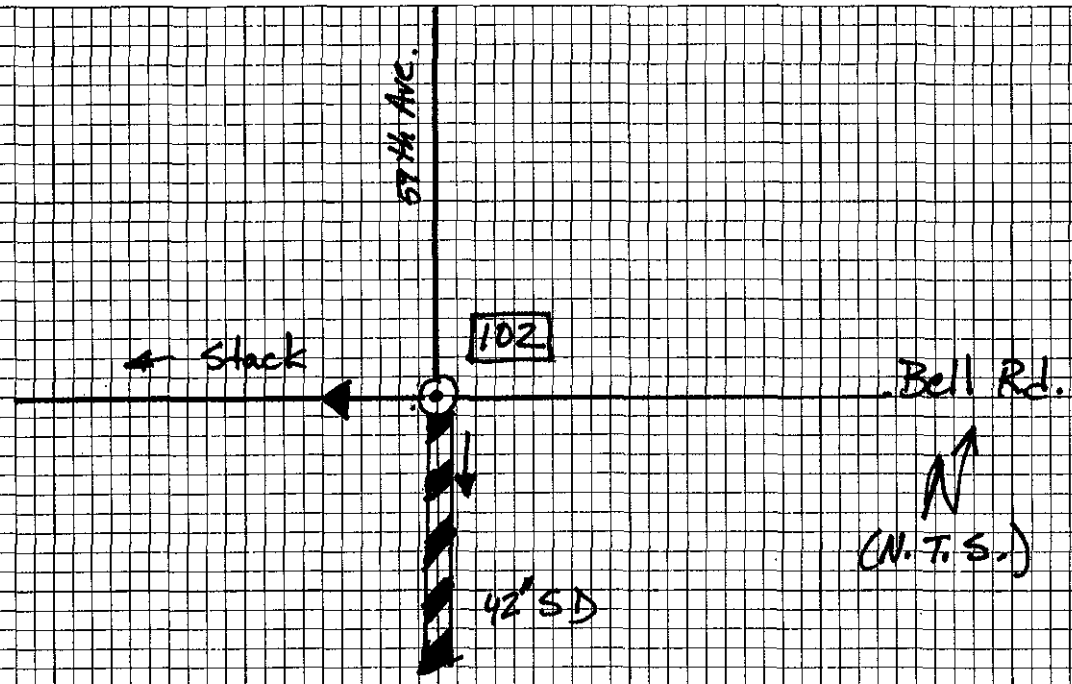
PENTACORE
ARIZONA
Civil Engineering • Construction Administration
Land Surveying • Planning • ADA Consulting

Job No. _____ Sheet 3 of _____

Project _____

Subject _____

Designed By _____ Date _____ Checked By _____ Date _____



$S \approx 0.004$ ft/ft

$A = 9.62$ ft^2 (πr^2)

$P = 11.0$ ft $(2\pi r)$

$\therefore Q = \frac{1.49}{0.013}(9.62)(9.62/11.0)^{2/3}(0.004)^{1/2}$

$Q \approx 63.8$ cfs

HEC-1 Diversion Card:

Assume 50% Flow split on Arterial streets.

DI	0	64	100	500	1000	5000
DQ	0	64	82	282	532	2532

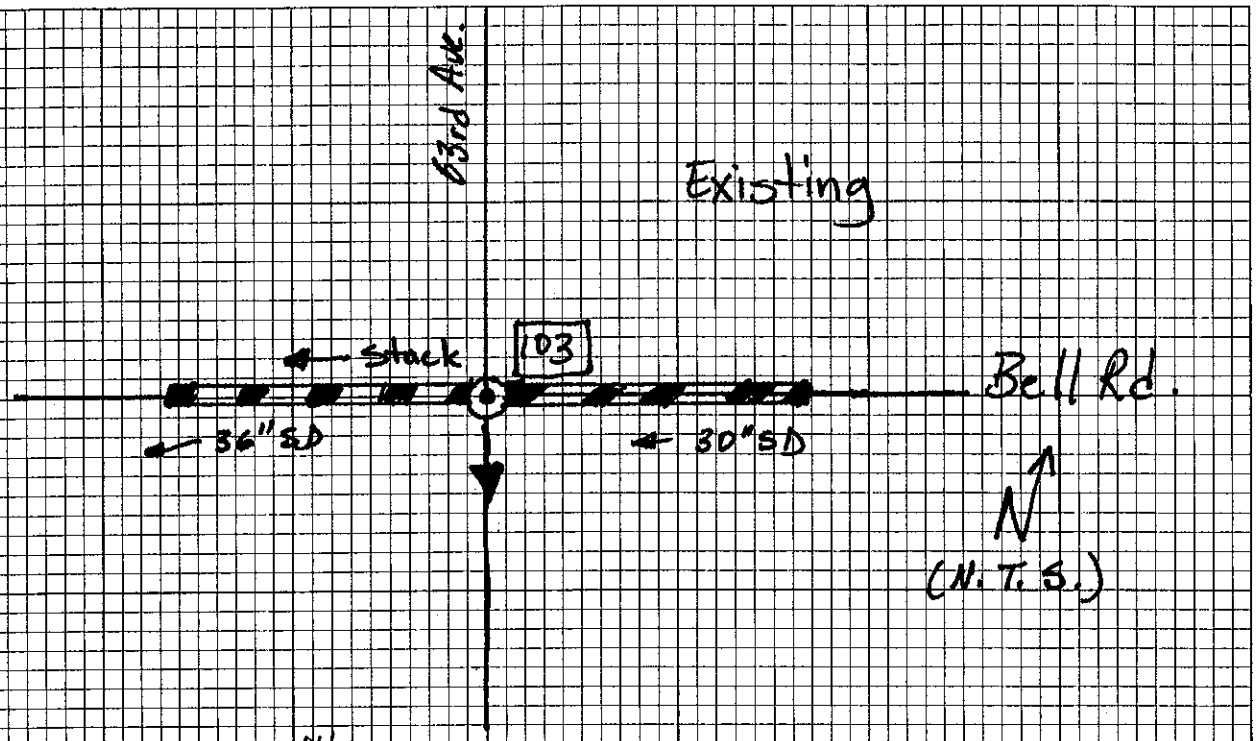
PENTACORE
ARIZONA
Civil Engineering • Construction Administration
Land Surveying • Planning • ADA Consulting

Job No. _____ Sheet 4 of _____

Project _____

Subject _____

Designed By _____ Date _____ Checked By _____ Date _____



$S = 0.003$ ft/ft

$A = 7.07$ ft^2 (πr^2)

$P = 9.42$ ft $(2\pi r)$

$\therefore Q = \frac{1.49}{0.013}(7.07)(7.07/9.42)^{2/3}(0.003)^{1/2}$

$Q = 36.7$ cfs

HEC-1 Diversion Card:

- Assume 0.5% slope on Arterial street and rating table for Diversion.

DI	0	37	100	500	1000	3000
DQ	0	0.1	3	50	116	393

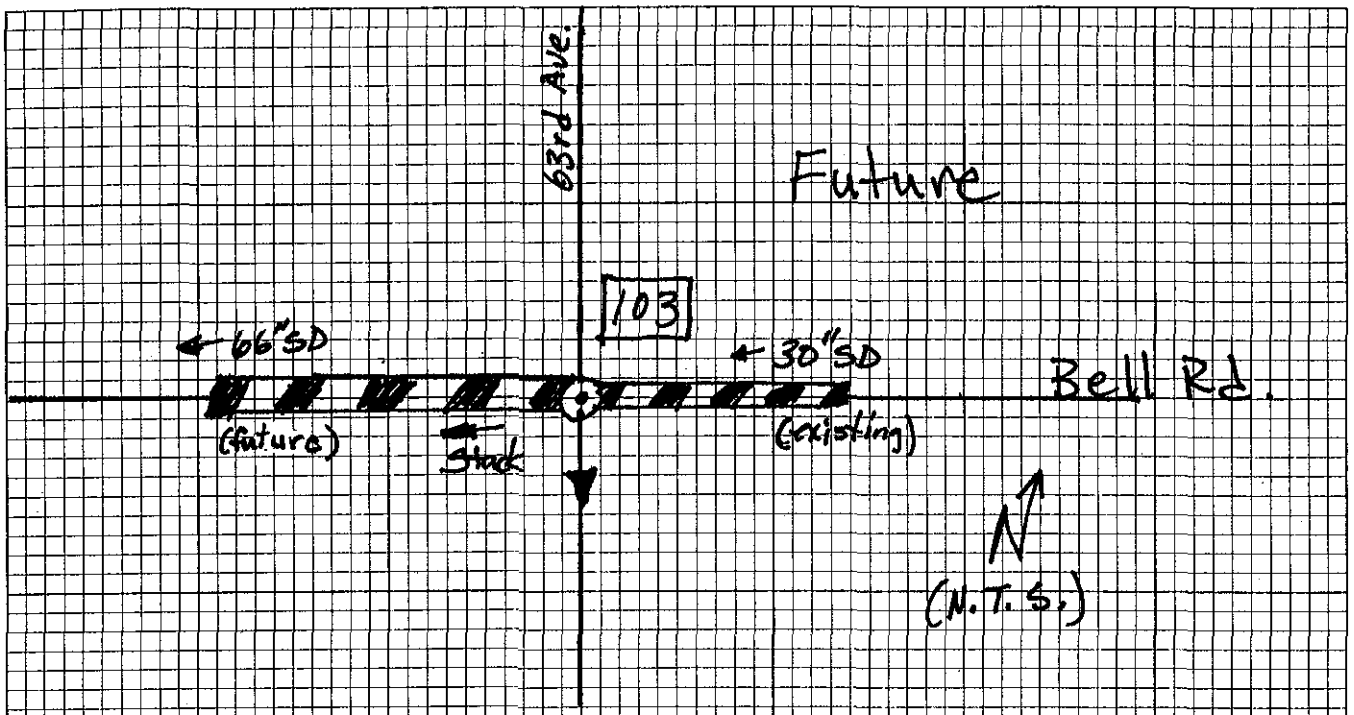
PENTACORE
ARIZONA
Civil Engineering • Construction Administration
Land Surveying • Planning • ADA Consulting

Job No. _____ Sheet 5 of _____

Project _____

Subject _____

Designed By _____ Date _____ Checked By _____ Date _____



$S \approx 0.003$ ft/ft

$A = 23.75$ ft^2 (ft^2)

$P = 17.27$ ft (2ft)

$\therefore Q = \frac{1.49}{0.013}(23.75)\left(\frac{23.75}{17.27}\right)^{2/3}(0.003)^{1/2}$

$Q \approx 184.3$ cfs

- HEC-1 Diversion Card:
- Assume 0.3% slope on Arterial Street and rating table for Diversion

DI	0	184	500	1000	2000	5000
DQ	0	0.1	41	124	295	800

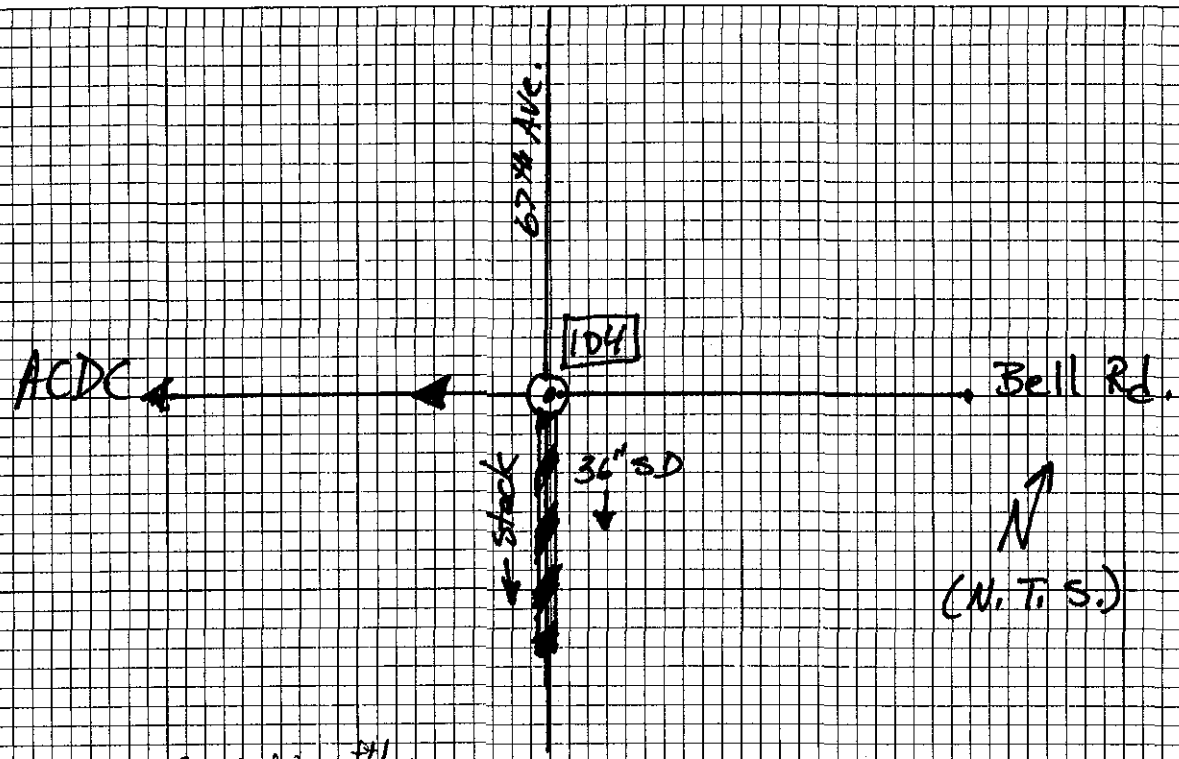
PENTACORE
ARIZONA
Civil Engineering • Construction Administration
Land Surveying • Planning • ADA Consulting

Job No. _____ Sheet 6 of _____

Project _____

Subject _____

Designed By _____ Date _____ Checked By _____ Date _____



$S = 0.003$ ft/ft

$A = 7.07$ ft^2 (πr^2)

$P = 9.42$ ft $(2\pi r)$

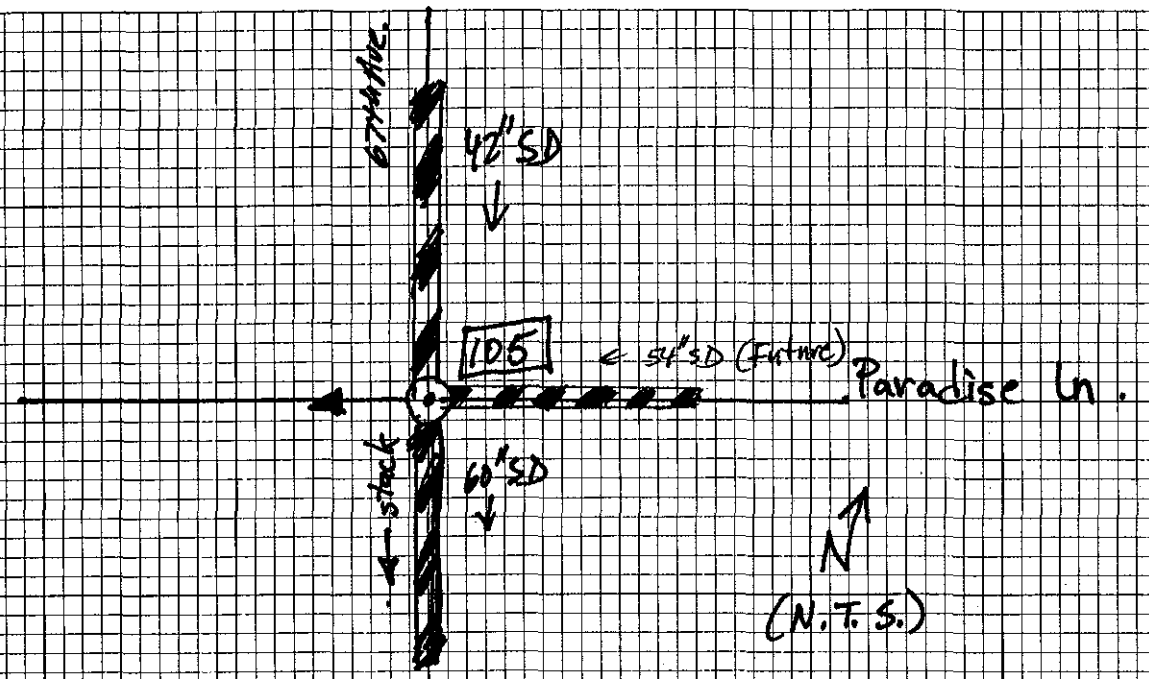
$\therefore Q = \frac{1.49}{0.013}(7.07)(7.07/9.42)^{2/3}(0.003)^{1/2}$

$Q = 36.7$ cfs

HEC-1 Diversion Card

Assume 50% flow split on Arterial Streets.

DI	0	37	100	500	1000	5000
DQ	0	0.1	32	232	482	2482



$S = 0.003$ ft/ft

$A = 19.63$ ft^2 (πr^2)

$P = 15.7$ ft $(2\pi r)$

$\therefore Q = \frac{1.49}{0.013}(19.63)\left(19.63/15.7\right)^{2/3}(0.003)^{1/2}$

$Q = 143$ cfs

- HEC-1 Diversion Card
- Assume 50% Flow split based on no C&G on 67th Ave.

FOR EXISTING CONDITION

DI	0	20	143	500	1000	2000	5000
DQ	0	0.1	0.1	179	429	929	2428

- Assume 0.3% slope on Arterial streets for

FUTURE CONDITION with Full C&G

DI	0	20	143	500	1000	2000	5000
DQ	0	0.1	0.1	48	131	302	801

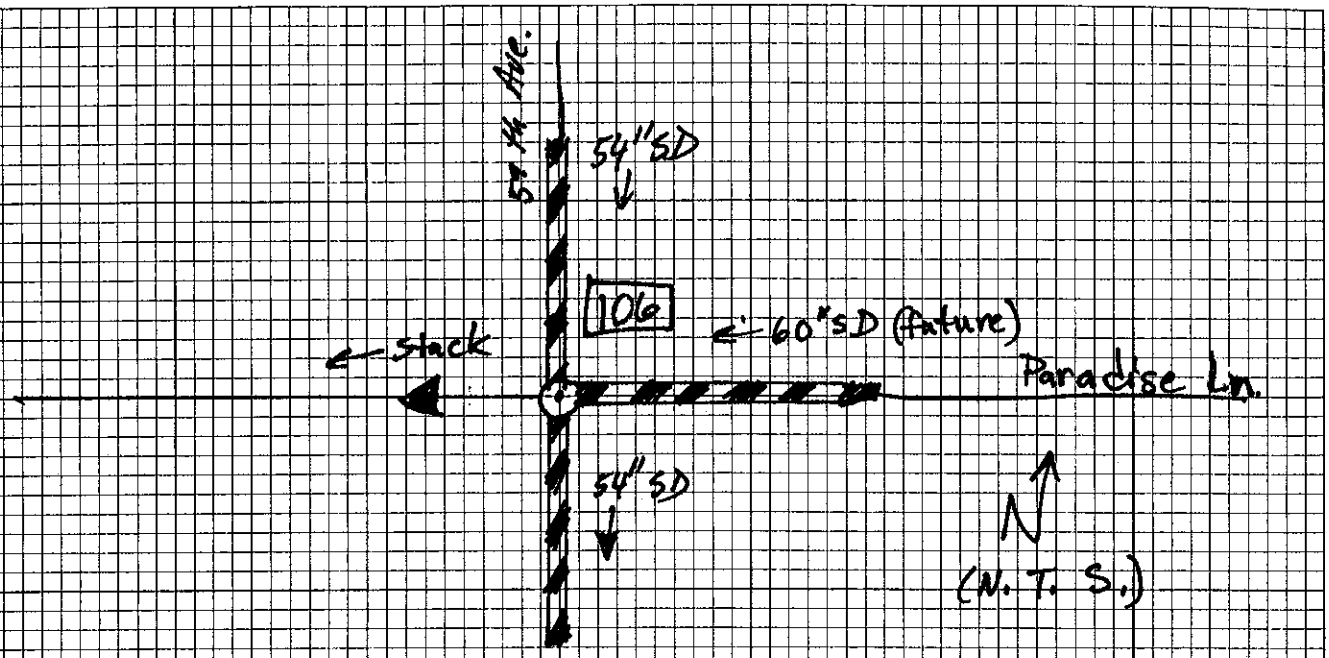
PENTACORE
ARIZONA
Civil Engineering • Construction Administration
Land Surveying • Planning • ADA Consulting

Job No. _____ Sheet 8

Project _____

Subject _____

Designed By _____ Date _____ Checked By _____ Date _____



$S = 0.004$ ft/ft

$A = 9.62$ ft^2 (πr^2)

$P = 11.0$ ft $(2\pi r)$

$\therefore Q = \frac{1.49}{0.013}(9.62)\left(9.62/11.0\right)^{2/3}(0.004)^{1/2}$

$Q = 63.8$ cfs

- HEC-1 Diversion Card
- Assume 50% Flow split based on no C & G on 57th Ave for <u>EXISTING CONDITION</u>.

DI	0	64	100	500	1000	2000	5000
DQ	0	63.9	82	282	532	1032	2535

- Assume 0.4% slope on Arterial Streets for <u>FUTURE CONDITION</u> with full C & G.

DI	0	64	100	500	1000	2000	5000
DQ	0	63.9	98	449	874	1722	4279

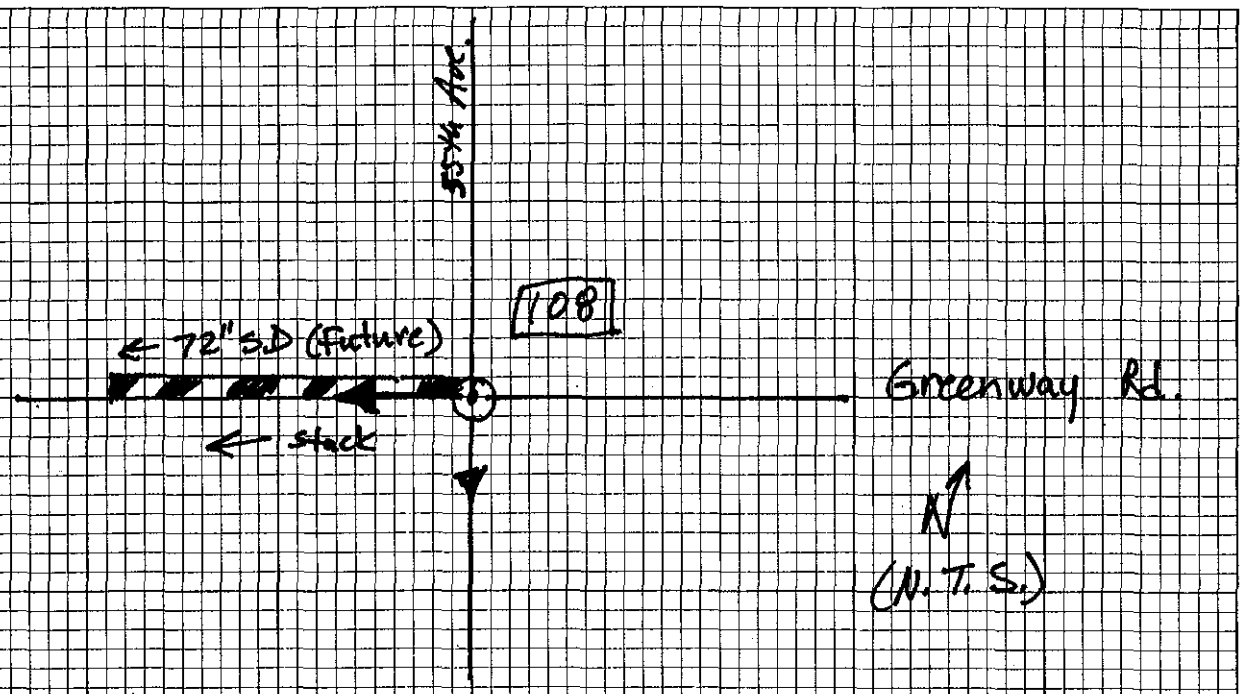
PENTACORE
ARIZONA
Civil Engineering • Construction Administration
Land Surveying • Planning • ADA Consulting

Job No. _____ Sheet 9 of _____

Project _____

Subject _____

Designed By _____ Date _____ Checked By _____ Date _____



HEC-1 Diversion Card

- Assume 0.3% slope on Arterial Streets and use rating table for Diversion for

EXISTING CONDITION.

DI	0	20	112	556	1110	2427
DQ	0	0.1	10	80	174	400

$S = 0.004\ ft/ft$

$A = 28.26\ ft^2$ (πr^2)

$P = 18.84\ ft$ $(2\pi r)$

$\therefore Q = \frac{1.49}{0.013}(28.26)(28.26/18.84)^{2/3}(0.004)^{1/2}$

$Q = 268.4\ cfs$

- Assume 0.3% slope on Arterial Streets and use rating table for Diversion for

FUTURE CONDITION.

DI	0	268	500	1000	2000	5000
DQ	0	0.1	27	110	280	780

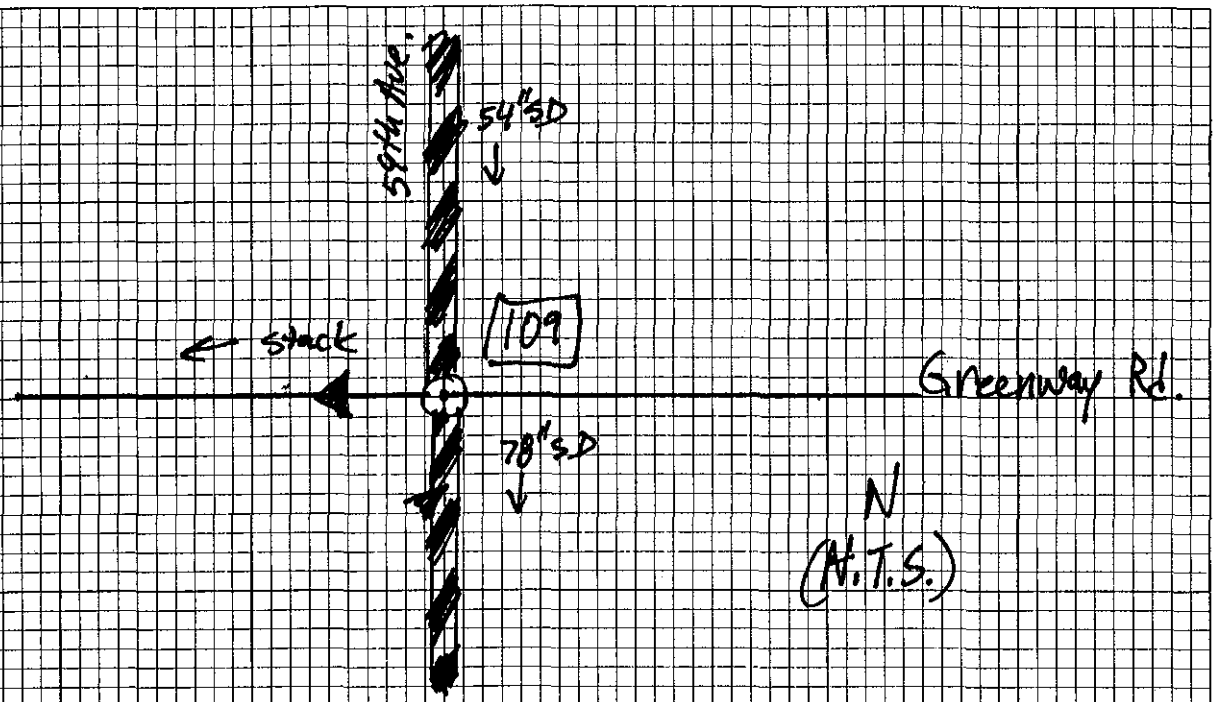
PENTACORE
ARIZONA
Civil Engineering • Construction Administration
Land Surveying • Planning • ADA Consulting

Job No. _____ Sheet 10 of _____

Project _____

Subject _____

Designed By _____ Date _____ Checked By _____ Date _____



$S = 0.0025\ ft/ft$

$A = 33.17\ ft^2$ (πr^2)

$P = 20.41\ ft$ $(2\pi r^2)$

$\therefore Q = \frac{1.49}{0.013}(33.17)\left(\frac{33.17}{20.41}\right)^{2/3}(0.0025)^{1/2}$

$Q = 262.7\ cfs$

HEC-1 Diversion Card

Assume 50% flow split on Arterial Streets.

DI	0	100	263	500	1000	5000
DQ	0	99.9	2629	382	632	2632

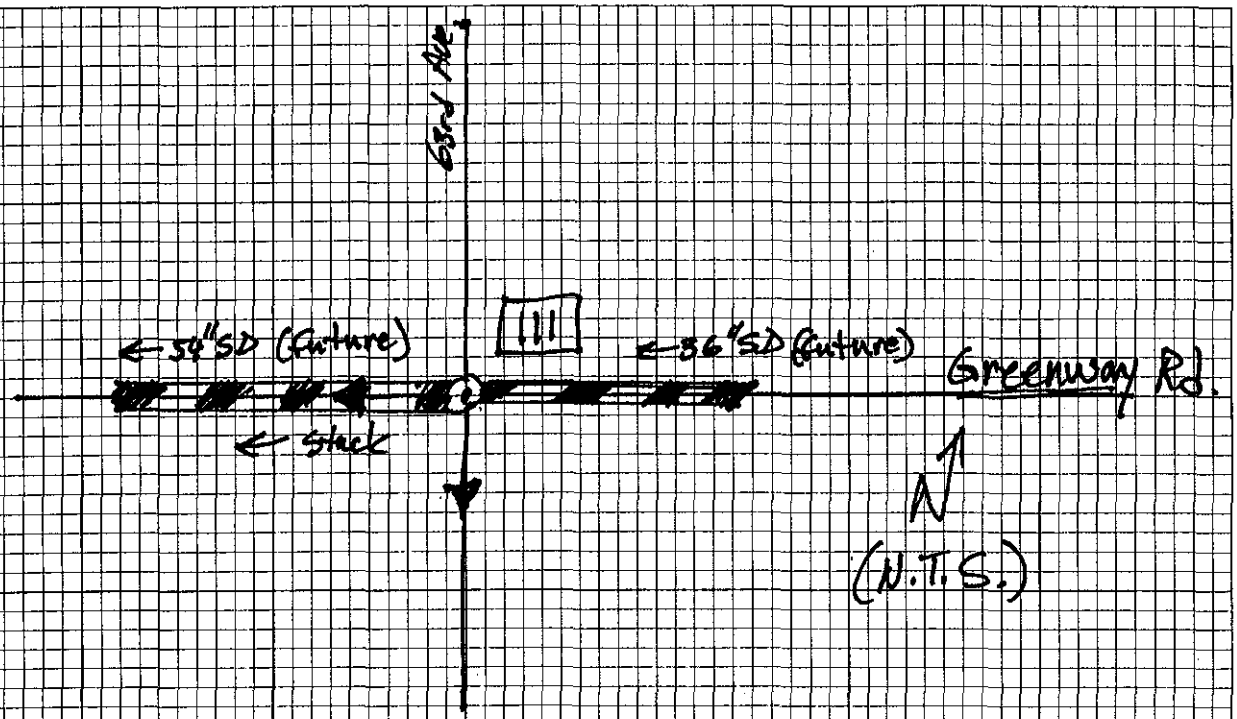
PENTACORE
ARIZONA
Civil Engineering • Construction Administration
Land Surveying • Planning • ADA Consulting

Job No. _____ Sheet 11 of _____

Project _____

Subject _____

Designed By _____ Date _____ Checked By _____ Date _____



HEC-1 Diversion Card

Assume 0.2% slope on Arterial Streets and use rating table for Diversion for

EXISTING CONDITION.

DI	0	16	138	469	1046	2055
DQ	0	0.1	17	80	195	400

$S = 0.003$ ft/ft

$A = 15.90$ ft^2 (πr^2)

$P = 14.13$ ft $(2\pi r)$

$\therefore Q = \frac{1.49}{0.013}(15.90)(15.90/14.13)^{2/3}(0.003)^{1/2}$

$Q = 107.9$ cfs

Assume 0.2% slope on Arterial Streets and use rating table for Diversion for

FUTURE CONDITION.

DI	0	108	500	1000	2000	5000
DQ	0	0.1	65	165	367	952

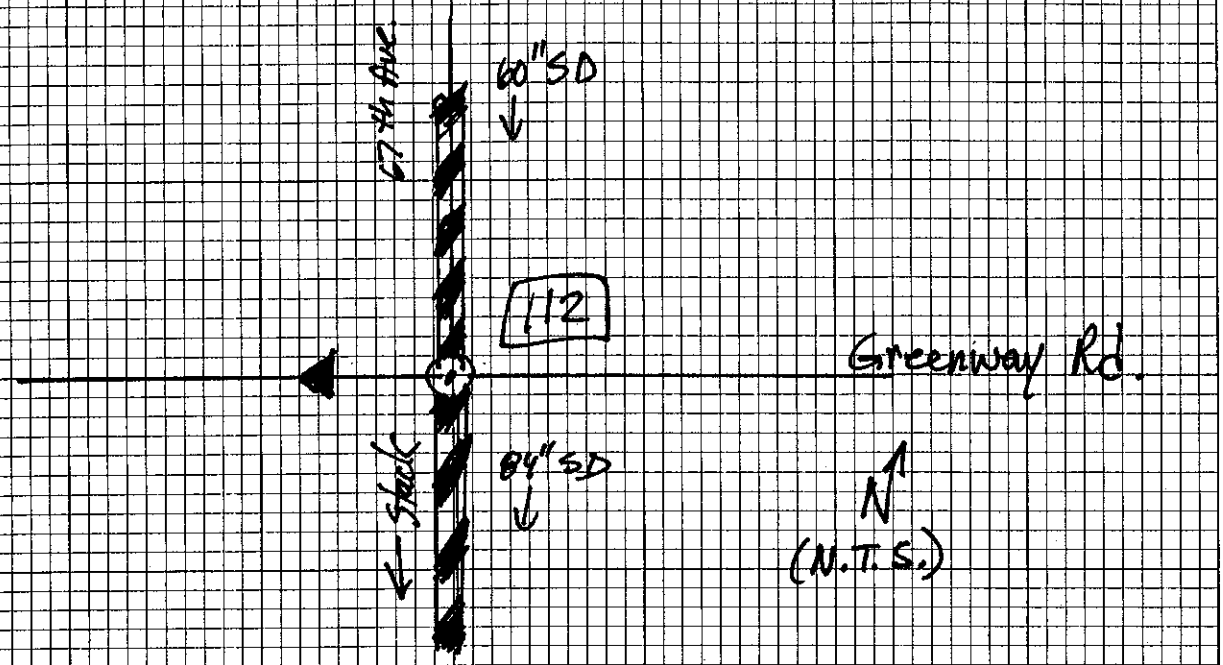
PENTACORE ARIZONA
Civil Engineering • Construction Administration
Land Surveying • Planning • ADA Consulting

Job No. _____ Sheet 12 of _____

Project _____

Subject _____

Designed By _____ Date _____ Checked By _____ Date _____



$S = 0.004$ ft/ft

$A = 38.47$ ft^2 (πr^2)

$P = 22.0$ ft $(2\pi r)$

$\therefore Q = \frac{1.49}{0.013}(38.47)(38.47/22.0)^{2/3}(0.004)^{1/2}$

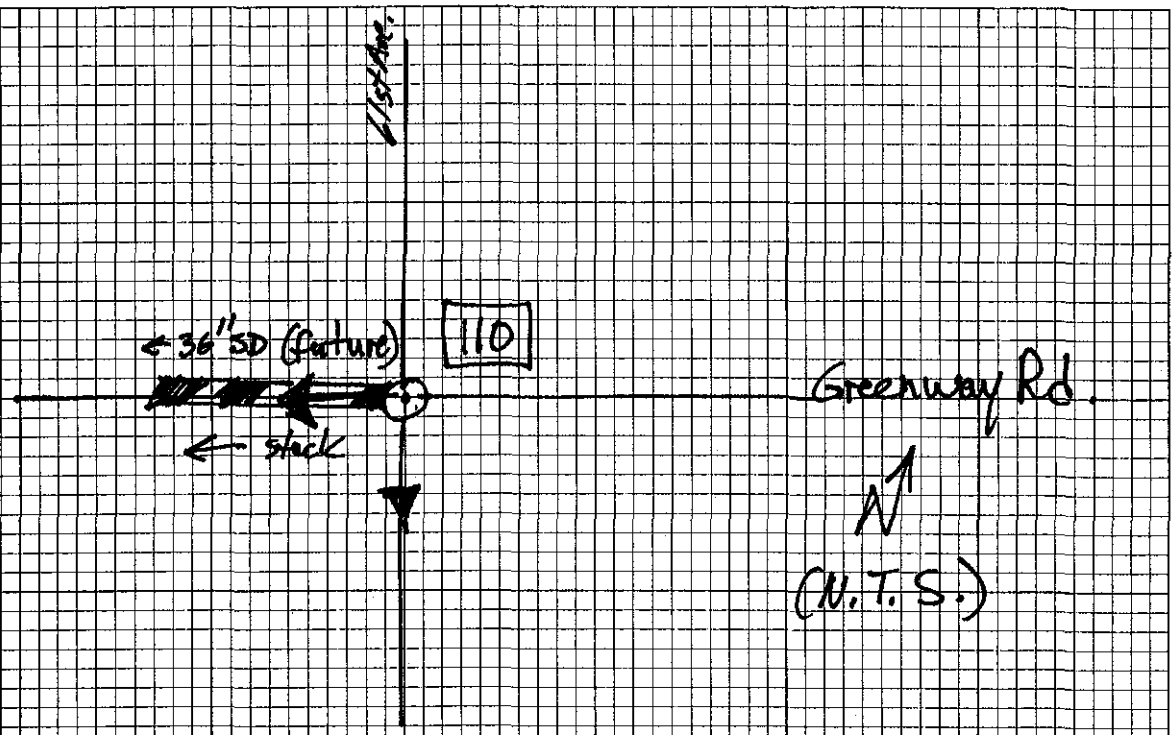
$Q = 404.8$ cfs

- HEC-1 Diversion Card
- Assume 50% flow split on Arterial Streets.

DI	0	100	405	1000	2000	5000
DQ	0	0.1	0.2	298	798	2298

PENTACORE ARIZONA
Civil Engineering • Construction Administration
Land Surveying • Planning • ADA Consulting

Job No. _____ Sheet 13 of _____
Project _____
Subject _____
Designed By _____ Date _____ Checked By _____ Date _____



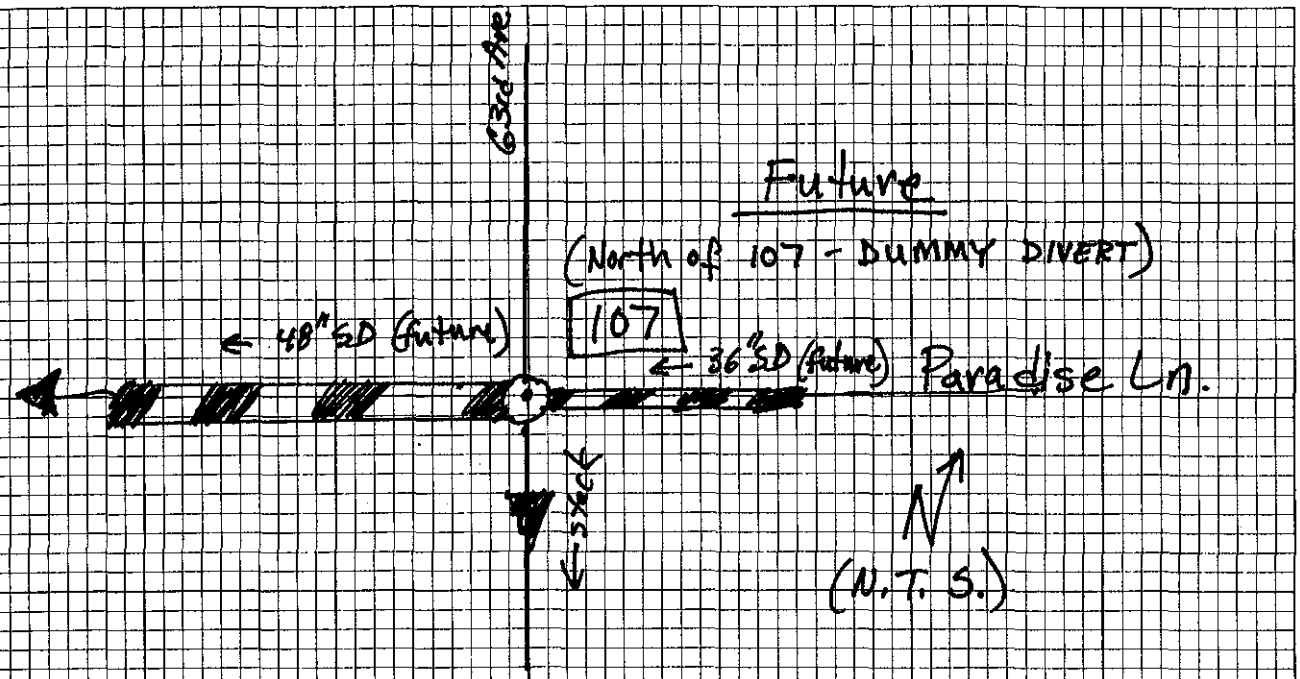
- HEC-1 Diversion Card
- Assume 0.2% slope of Arterial Streets and use rating table for Diversion for EXISTING CONDITION.

DI	0	16	138	469	1046	2055
DQ	0	0.1	17	80	195	400

$S = 0.0025$ ft/ft
$A = 7.07$ ft^2 (πr^2)
$P = 9.42$ ft $(2\pi r)$
$\therefore Q = \frac{1.49}{0.013}(7.07)(7.07/9.42)^{2/3}(0.0025)^{1/2}$
$Q = 33.4$ cfs

- Assume 0.2% slope on Arterial Streets and use rating table for Diversion for FUTURE CONDITION.

DI	0	33	100	500	1000	2000	5000
DQ	0	0.1	5	80	180	382	967



$S = 0.003$ ft/ft

$A = 12.56$ ft^2 (πr^2)

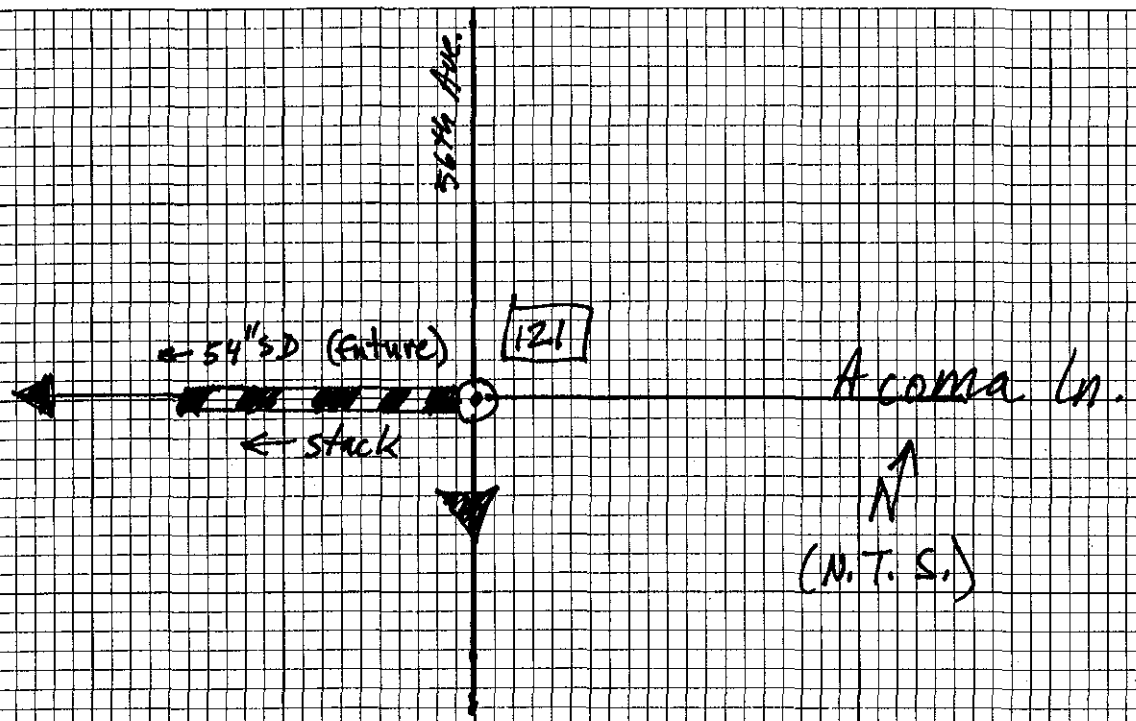
$P = 12.56$ ft ($2\pi r$)

$\therefore Q = \frac{1.49}{0.013}(12.56)\left(\frac{12.56}{12.56}\right)^{2/3}(0.003)^{1/2}$

$Q = 78.8$ cfs

HEC-1 Diversion Card.
Assume Dummy Diversion to accommodate future 48" SD capacity (Greiner Aug. 1988)

DI	0	79	100	500	1000	2000	5000
DQ	0	78.8	79	79	79	79	79



HEC-1 Diversion Card

- Assume 50% flow split for collector streets for EXISTING CONDITION.

DI	0	10	100	500	1000	5000
DQ	0	0.1	45	245	50	2500

$S = 0.003\ ft/ft$

$A = 15.90\ ft^2$ (πr^2)

$P = 14.13\ ft$ $(2\pi r)$

$\therefore Q = \frac{1.49}{0.013}(15.90)(15.90/14.13)^{2/3}(0.003)^{1/2}$

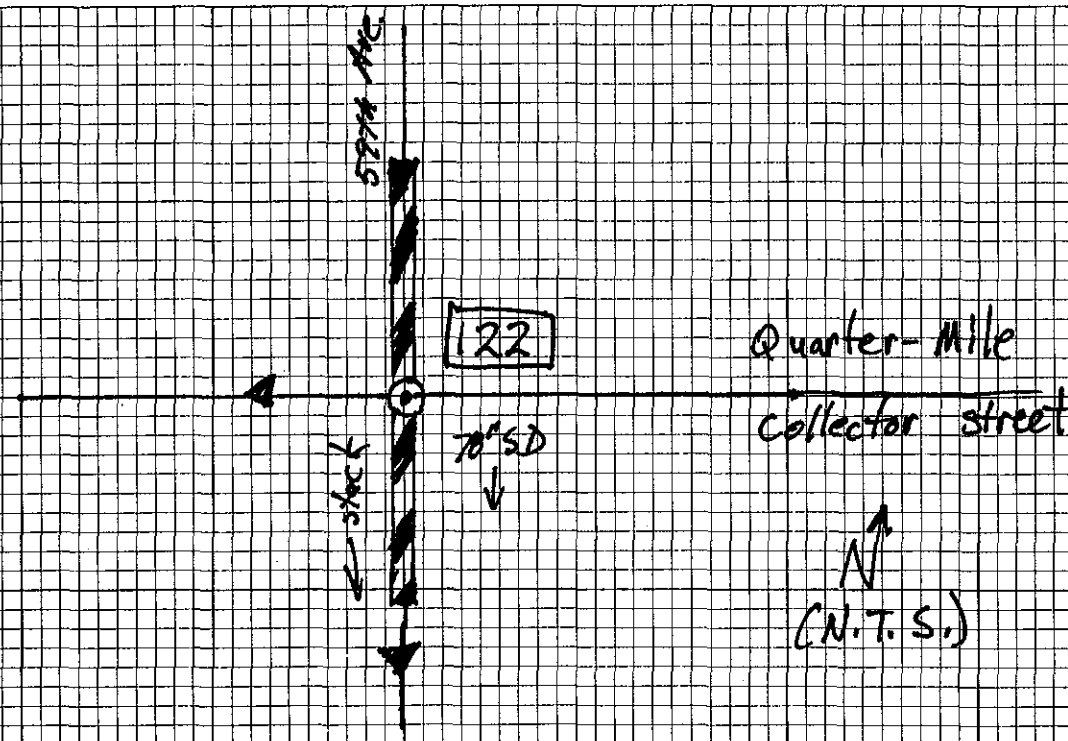
$Q = 107.9\ cfs$

- Assume 50% flow split at collect streets for FUTURE CONDITION.

DI	0	10	108	500	1000	2000	5000
DQ	0	0.1	0.1	196	446	946	2446

PENTACORE ARIZONA
Civil Engineering • Construction Administration
Land Surveying • Planning • ADA Consulting

Job No. _____ Sheet 16 of _____
Project _____
Subject _____
Designed By _____ Date _____ Checked By _____ Date _____



$S \approx 0.003$ ft/ft

$A = 33.17$ ft^2 (πr^2)

$P = 20.41$ ft $(2\pi r)$

$\therefore Q = \frac{1.49}{0.013}(33.17)(33.17/20.41)^{2/3}(0.003)^{1/2}$

$Q = 287.8$ cfs

- HEC-1 Diversion Card:
- Assume 0.3% slope on Arterial Streets and use rating table for Diversion

DI	0	100	288	500	1000	2000	5000
DQ	0	0.1	0.2	24	106	277	777

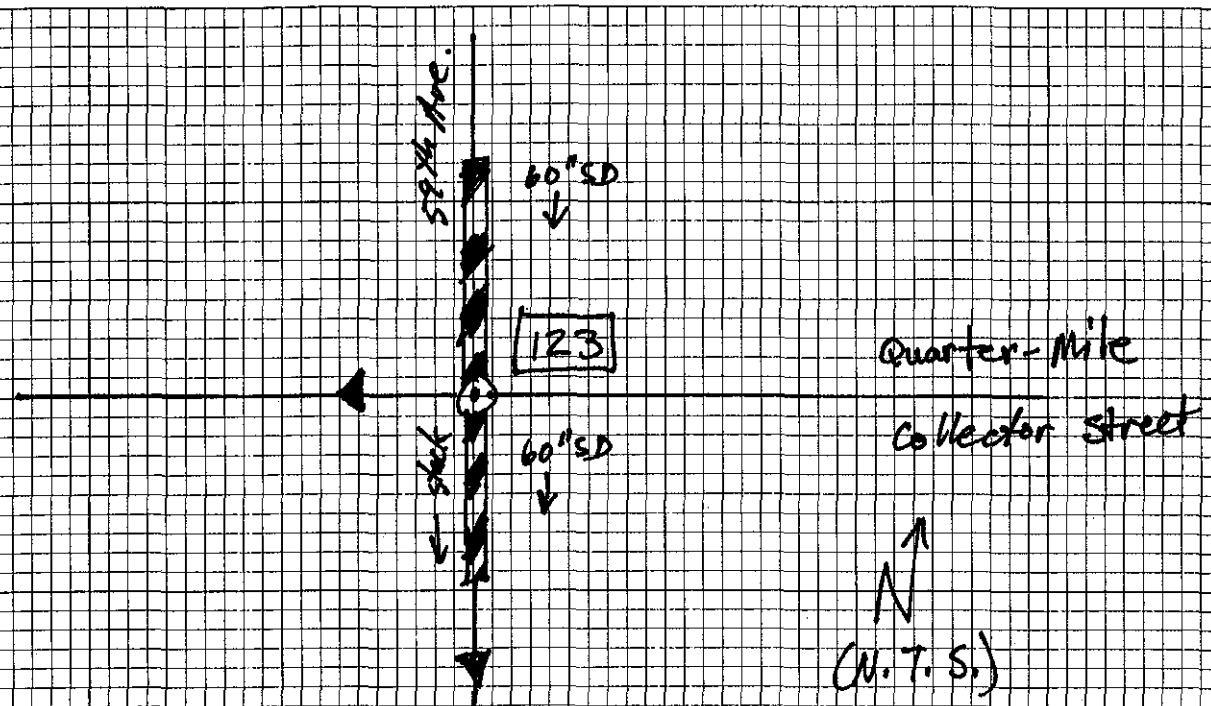
PENTACORE
ARIZONA
Civil Engineering • Construction Administration
Land Surveying • Planning • ADA Consulting

Job No. _____ Sheet 17 of _____

Project _____

Subject _____

Designed By _____ Date _____ Checked By _____ Date _____



S= 0.003 ft/ft

A= 19.63 ft² (πr^2)

P= 15.7 ft (2πr)

$\therefore Q = \frac{1.49}{0.013}(19.63)(19.63/15.7)^{2/3}(0.003)^{1/2}$

Q= 143 cfs

- HEC-1 Diversion Card
- Assume 0.2% slope on Arterial street and use rating table for Diversion

DI	0	10	143	500	1000	2000	5000
DQ	0	0.1	0.1	59	158	360	945

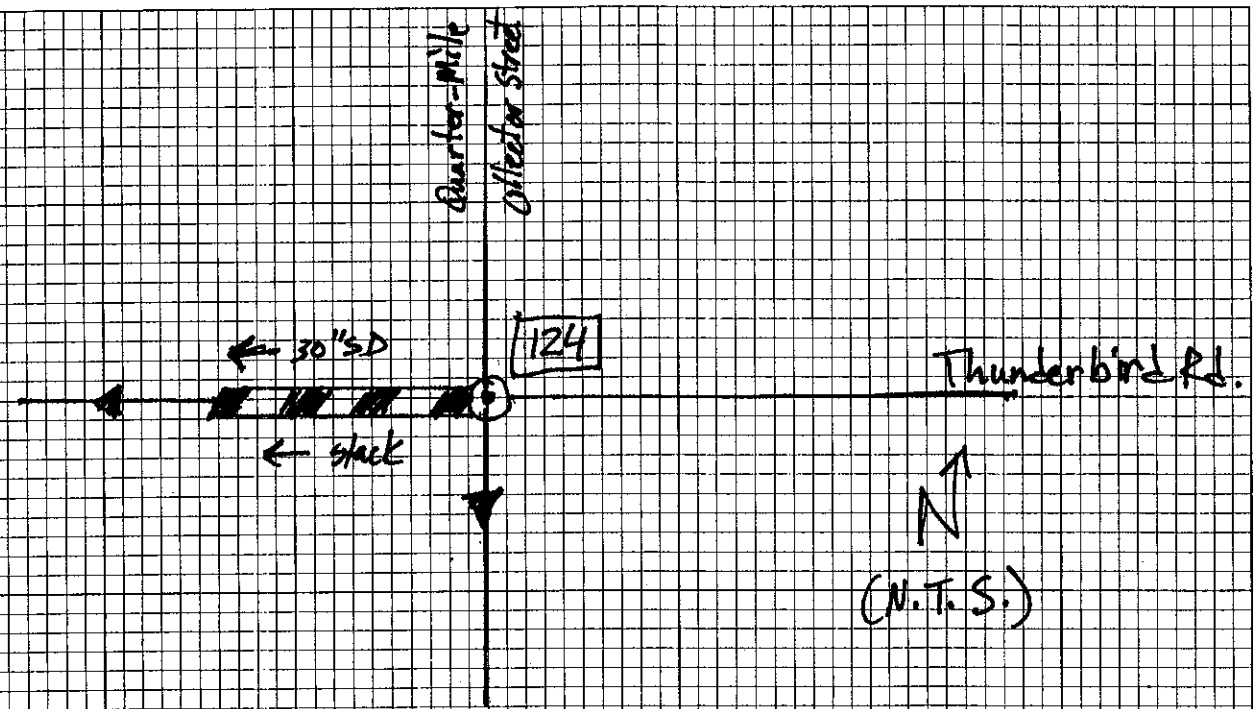
PENTACORE
ARIZONA
Civil Engineering • Construction Administration
Land Surveying • Planning • ADA Consulting

Job No. _____ Sheet 18 of _____

Project _____

Subject _____

Designed By _____ Date _____ Checked By _____ Date _____



$S = 0.003$ ft/ft

$A = 4.91$ ft² (πr^2)

$P = 7.85$ $(2\pi r)$

$\therefore Q = \frac{1.49}{0.013}(4.91)(4.91/7.85)^{2/3}(0.003)^{1/2}$

$Q = 22.5$ cfs

HEC-1 Diversion Card

Assume 0.5% slope on Arterial Streets and use rating table for Diversion

DI	0	23	141	580	1086	3017
DQ	0	0.1	10	65	133	400

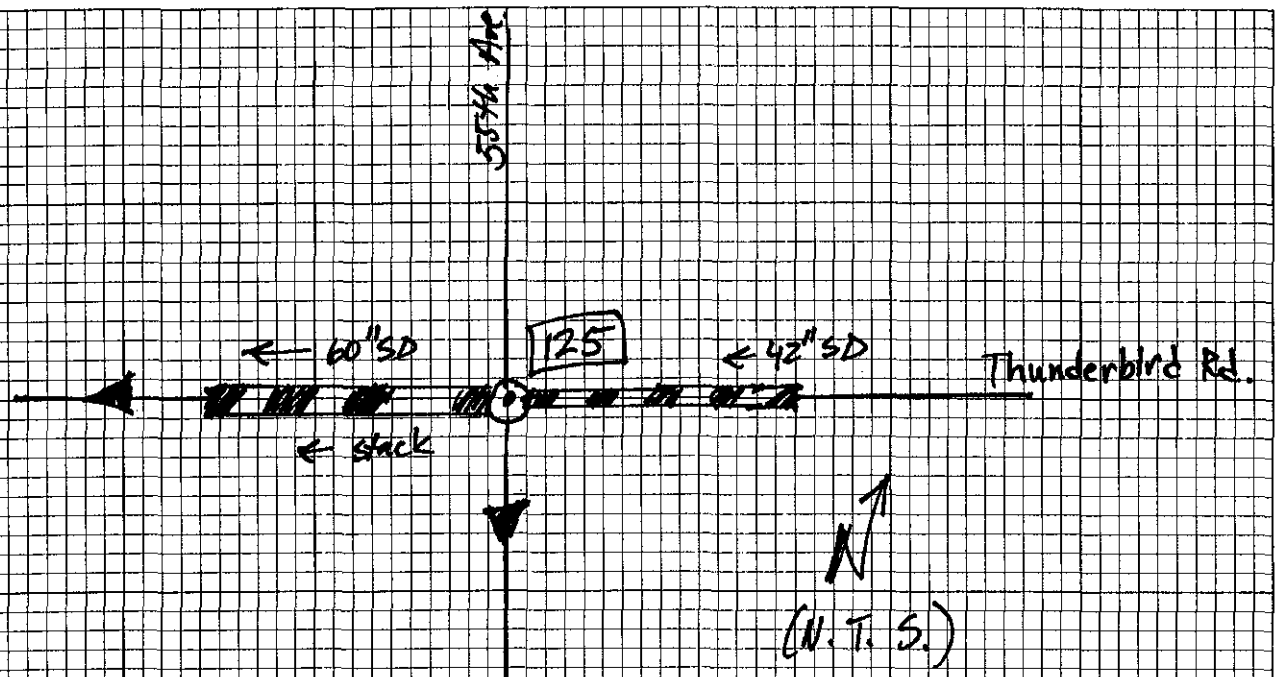
PENTACORE
ARIZONA
Civil Engineering • Construction Administration
Land Surveying • Planning • ADA Consulting

Job No. _____ Sheet 19 of _____

Project _____

Subject _____

Designed By _____ Date _____ Checked By _____ Date _____



$S = 0.003$ ft/ft

$A = 19.63$ ft^2 (πr^2)

$P = 15.7$ ft $(2\pi r)$

$\therefore Q = \frac{1.49}{0.013}(19.63)(19.63/15.7)^{2/3}(0.003)^{1/2}$

$Q = 143$ cfs

- HEC-1 Diversion Card
- Assume 0.4% slope on Arterial Street and use rating table for Diversion

DI	0	143	500	1000	2000	5000
DQ	0	0.1	41	113	265	710

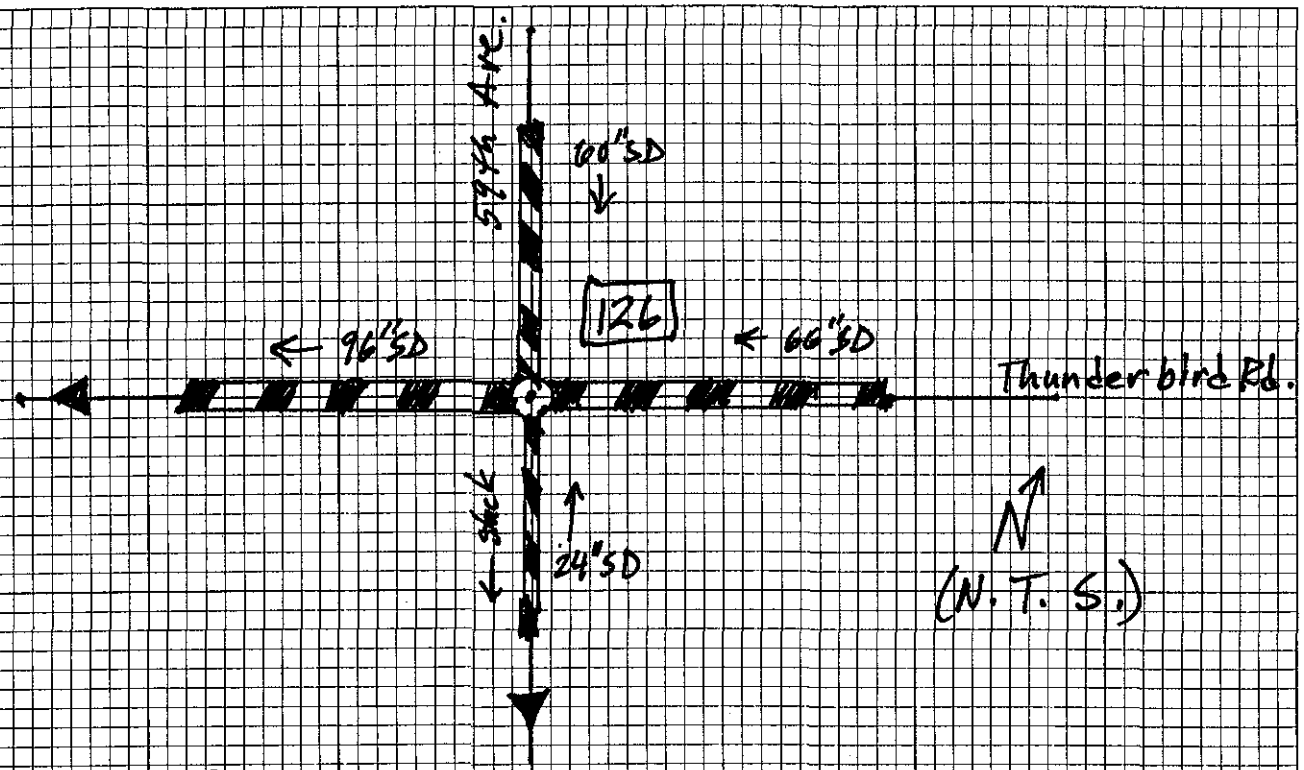
PENTACORE
ARIZONA
Civil Engineering • Construction Administration
Land Surveying • Planning • ADA Consulting

Job No. _____ Sheet 20 of _____

Project _____

Subject _____

Designed By _____ Date _____ Checked By _____ Date _____



(96"SD) $S = 0.004$ ft/ft

$A = 50.24$ ft² (πr^2)

$P = 25.12$ $(2\pi r)$

$\therefore Q_{96"SD} = \frac{1.49}{0.013}(50.24)(50.24/25.12)^{2/3}(0.004)^{1/2}$

$Q_{96"SD} = 578$ cfs

(24"SD) $S = 0.004$ ft/ft

$A = 3.14$ ft² (πr^2)

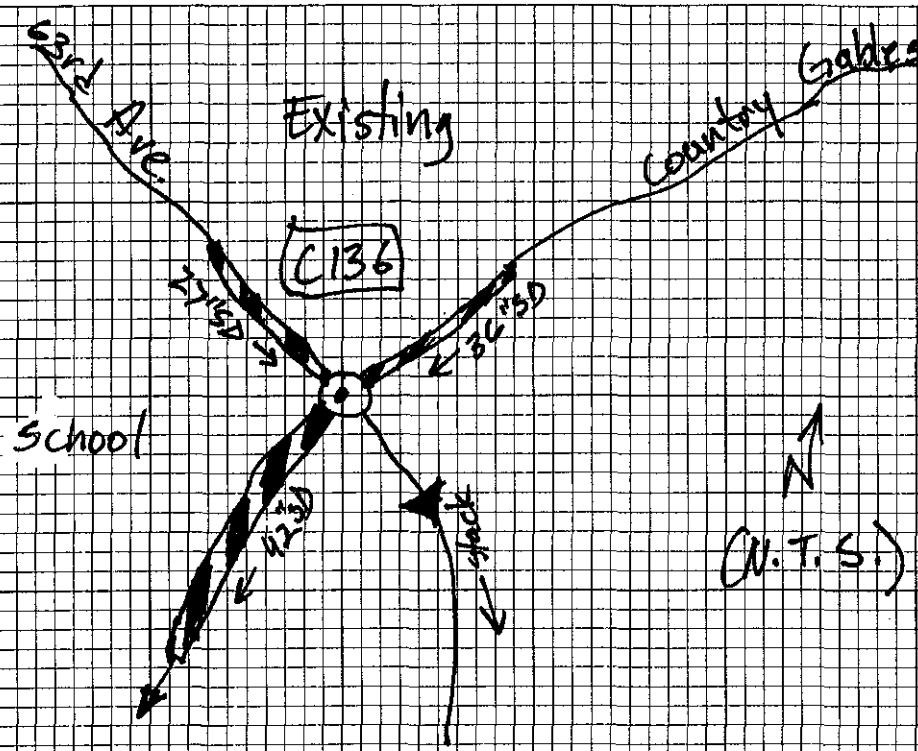
$P = 6.28$ ft $(2\pi r)$

$\therefore Q_{24"SD} = \frac{1.49}{0.013}(3.14)(3.14/6.28)^{2/3}(0.004)^{1/2}$

$Q_{24"SD} = 14.3$ cfs

- HEC-1 Diversion Card
- Assume 50% Flow split on Arterial Street

DI	0	100	578	1000	5000
DQ	0	99.9	577.9	789	2789



$S = 0.0026$ ft/ft

$A = 9.62$ ft^2 (πr^2)

$P = 10.99$ ft $(2\pi r)$

$\therefore Q = \frac{1.49}{0.013}(12.56)(12.56/10.99)^{2/3}(0.0026)^{1/2}$

$Q = 51$ cfs

HEC-1 Diversion Card

Assume 50% flow split on collector street and westerly in the school drainage easement

DI	0	51	100	500	1000	2000	5000
DQ	0	50.9	75	275	525	1025	2525

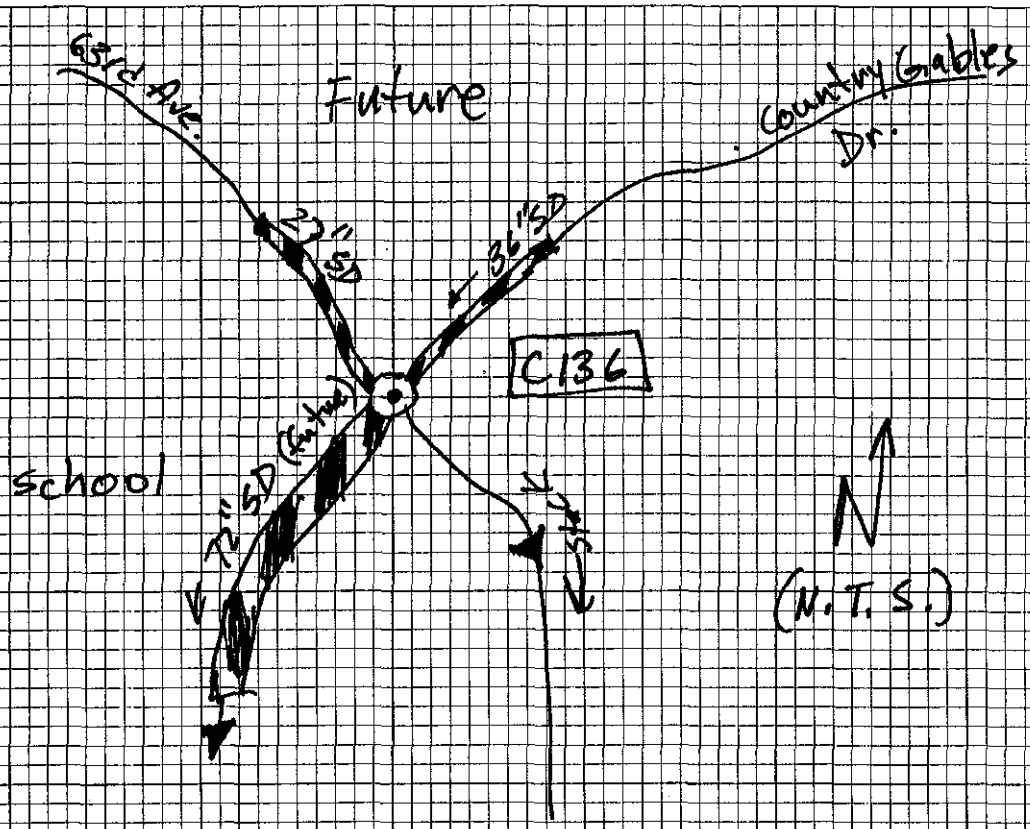
PENTACORE
ARIZONA
Civil Engineering • Construction Administration
Land Surveying • Planning • ADA Consulting

Job No. _____ Sheet 22 of _____

Project _____

Subject _____

Designed By _____ Date _____ Checked By _____ Date _____



$S = 0.0026$ ft/ft

$A = 28.26$ ft^2 (πr^2)

$P = 18.84$ ft ($2\pi r$)

$\therefore Q = \frac{1.49}{0.013}(28.26)(28.26/18.84)^{2/3}(0.0026)^{1/2}$

$Q = 216.4$ cfs

-HEC-1 Diversion Card

-Assume 50% flow split south on collector street and west in school drainage easment.

DI	0	10	216	500	1000	2000	5000
DQ	0	9.9	215.9	358	608	1108	2608

E.6. FLOW SUMMARY

AGUA FRIA, NEW RIVER, AND SUN CITY SUB-AREA MODEL

TABLE HY-1

SUMMARY OF HEC-1 FLOWS

Route ID	100yr-6hr Flow (cfs)	100yr-24hr Flow (cfs)	10yr-6hr Flow (cfs)	Future 100yr-6hr Flow (cfs)	Future 10yr-6hr Flow (cfs)	Total Area (sq mi)
N21K	590	384	247	606	280	0.23
N21KI*	140	139	138	141	139	0.23
DN21KL	449	244	108	466	141	0.23
N21KI	164	98	47	169	61	0.23
DN21KO	285	146	61	297	80	0.23
RN21KS	207	89	43	182	43	0.23
N21I	223	135	51	369	77	0.28
LN21ID	81	31	44	44	38	0.28
LN21I	223	135	51	369	77	0.28
CN21I*	428	220	73	547	92	0.5
N21J	565	375	234	585	267	0.23
LN21JD(1)	*	*	*	108	149	0.23
LN21J(1)	*	*	*	585	267	0.23
DR21K*	140	139	138	141	139	0.23
LN21K	0	0	0	18	0	0.23
DRN21K	164	98	47	169	61	0.23
RN21KE	145	69	30	128	30	0.23
CN21J	648	416	237	680	283	0.46
N21JI	200	129	73	210	87	0.46
DN21JO	448	288	164	470	196	0.46
RN21JS	404	221	144	366	129	0.46
N21Z	249	173	108	227	96	0.11
LN21ZD	155	108	108	152	96	0.11
LN21Z	249	173	97	227	88	0.11
CN21Z	568	349	206	536	195	0.57
N21ZI	45	3	0	40	0	0.57
DN21ZO	522	347	206	496	195	0.57
N21ZI*	164	5	0	154	0	0.57
DN21Z*	376	342	206	379	195	0.57
RN21ZW	348	300	190	339	160	0.57
N11P	704	400	171	745	220	0.38
LN11PD(1)	*	*	*	261	212	0.38
LN11P(1)	*	*	*	745	215	0.38
RN11P	547	301	134	537	119	0.38
N11L	363	205	75	66	26	0.29
CN11L	709	466	164	537	120	0.68
N11LI	679	436	139	479	96	0.68
DN11L	30	30	25	30	24	0.68
RN11LE	30	27	24	27	16	0.68

Notes: (1) Retention based on future development

Route ID	100yr-6hr Flow (cfs)	100yr-24hr Flow (cfs)	10yr-6hr Flow (cfs)	Future 100yr-6hr Flow (cfs)	Future 10yr-6hr Flow (cfs)	Total Area (sq mi)
CN21I	678	498	208	757	218	0.85
RN21I	663	446	177	706	189	0.85
N22B	455	317	211	452	213	0.19
N22BI	410	285	190	407	192	0.19
DN22B	46	32	21	45	21	0.19
RN22BE	24	16	9	24	10	0.19
N21F	158	113	74	158	74	0.1
CN21F	771	555	208	829	234	1.05
RN21F	693	522	198	748	220	1.05
N21G	121	87	60	122	60	0.06
DR21Z*	164	5	0	154	0	0.57
RN21ZS	124	2	0	101	0	0.57
CN21G	194	87	60	170	60	0.06
N21GI	105	1	0	80	0	0.06
DN21GO	89	86	60	89	60	0.06
RN21GS	89	75	56	89	52	0.06
N21E	93	66	45	95	46	0.06
LN21ED(1)	*	*	*	22	25	0.06
LN21E(1)	*	*	*	95	46	0.06
CN21E	823	643	248	888	276	1.18
RN21E	808	598	236	859	262	1.18
N21D	152	106	84	124	63	0.05
LN21DD	152	106	84	124	63	0.05
LN21D	126	52	0	101	0	0.05
N22BIX	410	285	190	407	192	0.19
RN22BS	385	276	177	372	169	0.19
N22A	368	257	182	352	172	0.18
CN22A	728	501	343	705	329	0.37
N22AI	109	75	51	106	49	0.37
DN22A	619	426	291	600	280	0.37
RN22AE	568	367	270	510	238	0.37
CN21D	1122	924	364	1234	402	1.6
N21DI	168	139	55	185	60	1.6
DN21D	954	785	309	1049	342	1.6
RN21DS	915	686	298	958	308	1.6
N21C	522	363	222	521	227	0.39
LN21CD	81	6	102	505	227	0.39
LN21C	522	363	222	521	186	0.39
CN21C	1069	845	365	1151	385	1.99
RN21C	1068	844	365	1151	385	1.99
N24Q	100	71	47	107	56	0.04
LN24QD(1)	*	*	*	107	56	0.04
LN24Q(1)	*	*	*	86	0	0.04
RN24Q	66	39	33	27	0	0.04
N24R	97	70	52	99	55	0.03

Notes: (1) Retention based on future development

Route ID	100yr-6hr Flow (cfs)	100yr-24hr Flow (cfs)	10yr-6hr Flow (cfs)	Future 100yr-6hr Flow (cfs)	Future 10yr-6hr Flow (cfs)	Total Area (sq mi)
LN24RD(1)	*	*	*	99	55	0.03
LN24R(1)	*	*	*	83	0	0.03
RN24R	75	47	44	33	0	0.03
N24O	374	256	145	398	178	0.16
LN240D(1)	*	*	*	398	178	0.16
LN240(1)	*	*	*	349	0	0.16
CN24O	401	287	162	350	0	0.22
RN24O	380	253	152	202	0	0.22
N24S	147	105	79	153	86	0.05
LN24SD(1)	*	*	*	147	86	0.05
LN24S(1)	*	*	*	153	0	0.05
RN24S	93	58	50	41	0	0.05
N24T	50	35	26	52	29	0.02
LN24TD(1)	*	*	*	43	29	0.02
LN24T(1)	*	*	*	52	13	0.02
RN24T	37	22	19	22	4	0.02
N24P	297	199	119	315	147	0.12
LN24PD(1)	*	*	*	313	147	0.12
LN24P(1)	*	*	*	284	0	0.12
CN24P	615	413	227	328	4	0.41
RN24P	614	411	226	327	4	0.41
N24U	333	238	166	349	186	0.11
LN24UD(1)	*	*	*	330	186	0.11
LN24U(1)	*	*	*	349	0	0.11
RN24U	293	171	139	139	0	0.11
CN24U*	883	577	354	456	4	0.52
RN24U*	849	524	332	382	3	0.52
N24V	116	80	49	124	59	0.05
LN24VD(1)	*	*	*	124	59	0.05
LN24V(1)	*	*	*	0	0	0.05
RN24V	74	43	34	0	0	0.05
CN24V*	848	538	332	382	3	0.57
RN24V*	811	510	315	335	2	0.57
N24M	504	336	173	527	212	0.25
LN24MD(1)	*	*	*	527	212	0.25
LN24M(1)	*	*	*	430	0	0.25
CN24M	996	685	366	442	2	0.82
RN24M	976	664	359	415	1	0.82
N24L	1077	766	514	1215	658	0.38
LN24LD(1)	*	*	*	1196	658	0.38
LN24L(1)	*	*	*	1185	0	0.38
RN24L	999	660	480	701	0	0.38
CN24I*	1211	975	376	438	1	1.2
RN24I*	1166	828	354	381	1	1.2
N24I	256	174	64	354	135	0.3

Notes: (1) Retention based on future development

Route ID	100yr-6hr Flow (cfs)	100yr-24hr Flow (cfs)	10yr-6hr Flow (cfs)	Future 100yr-6hr Flow (cfs)	Future 10yr-6hr Flow (cfs)	Total Area (sq mi)
LN24ID(1)	*	*	*	354	135	0.3
LN24I(1)	*	*	*	72	0	0.3
N24H	641	429	276	697	336	0.29
LN24HD(1)	*	*	*	685	336	0.29
LN24H(1)	*	*	*	662	45	0.29
N24N	214	140	67	301	134	0.13
LN24ND(1)	*	*	*	301	134	0.13
LN24N(1)	*	*	*	0	0	0.13
RN24N	117	103	59	0	0	0.13
N24J	101	69	25	123	24	0.12
LN24JD(1)	*	*	*	123	24	0.12
LN24J(1)	*	*	*	0	0	0.12
CN24J	202	155	83	0	0	0.25
RN24J	201	151	82	0	0	0.25
N24K	137	95	34	272	38	0.21
LN24KD(1)	*	*	*	272	38	0.21
LN24K(1)	*	*	*	0	0	0.21
CN24I	1510	1296	367	661	45	2.25
RN24I	1506	1282	366	428	3	2.25
DRN21J	200	129	73	210	87	0.46
RN21JE	165	91	65	147	55	0.46
CN24G*	1507	1348	360	507	26	2.71
RN24G*	1501	1344	337	443	17	2.71
N24G	503	341	135	560	126	0.44
LN24GD	55	35	35	400	126	0.44
LN24G	503	341	135	560	109	0.44
CN24G	1666	1521	363	723	33	3.15
DRN21Z	45	3	0	40	0	0.57
RN21ZE	13	0	0	11	0	0.57
CN24G+	1666	1521	363	723	33	3.15
RN24G	1658	1504	363	613	27	3.15
N24F	194	134	63	206	79	0.11
LN24FD(1)	*	*	*	98	77	0.11
LN24F(1)	*	*	*	206	77	0.11
CN24F	1670	1520	368	656	36	3.26
N24D	184	121	74	157	55	0.09
LN24DD(1)	*	*	*	157	55	0.09
LN24DX(1)	*	*	*	142	1	0.09
CN24D	1677	1533	374	675	36	3.34
LN24D	13	11	7	10	1	3.34
N21H	76	52	31	78	34	0.03
LN21HD(1)	*	*	*	7	12	0.03
LN21H(1)	*	*	*	78	34	0.03
DRN21G	105	1	0	80	0	0.06
RN21GE	83	1	0	47	0	0.06

Notes: (1) Retention based on future development

Route ID	100yr-6hr Flow (cfs)	100yr-24hr Flow (cfs)	10yr-6hr Flow (cfs)	Future 100yr-6hr Flow (cfs)	Future 10yr-6hr Flow (cfs)	Total Area (sq mi)
CN21H	88	52	31	78	35	0.03
RN21H	55	36	22	56	24	0.03
N24E	24	16	6	40	15	0.02
LN24ED(1)	*	*	*	40	15	0.02
LN24E(1)	*	*	*	2	0	0.02
RN24E	22	14	4	1	0	0.02
CN24D*	55	52	22	56	24	3.4
N27F	649	423	258	696	320	0.28
LN27FD(1)	*	*	*	696	320	0.28
LN27F(1)	*	*	*	8	0	0.28
RN27F	621	382	241	6	0	0.28
N27G	485	317	166	530	218	0.26
LN27GD(1)	*	*	*	530	218	0.26
LN27G(1)	*	*	*	6	0	0.26
CN27G	1077	692	391	10	0	0.55
RN27G	1004	578	365	8	0	0.55
N27E	277	180	75	419	162	0.19
LN27ED(1)	*	*	*	419	162	0.19
LN27E(1)	*	*	*	0	0	0.19
RN27E	257	160	71	0	0	0.19
N27H	442	287	158	478	203	0.21
LN27HD(1)	*	*	*	478	203	0.21
LN27H(1)	*	*	*	0	0	0.21
RN27H	387	215	139	0	0	0.21
N27C	151	96	44	168	67	0.09
LN27CD(1)	*	*	*	168	67	0.09
LN27C(1)	*	*	*	146	0	0.09
CN27C	1376	987	413	84	0	1.03
RN27C	1339	944	400	66	0	1.03
N27I	404	279	171	427	203	0.17
LN27ID(1)	*	*	*	427	203	0.17
LN27I(1)	*	*	*	6	0	0.17
RN27I	338	188	138	3	0	0.17
N27B	104	69	28	120	45	0.08
LN27BD(1)	*	*	*	119	45	0.08
LN27B(1)	*	*	*	116	19	0.08
N27J	495	355	225	516	256	0.19
LN27JD(1)	*	*	*	483	256	0.19
LN27J(1)	*	*	*	516	2	0.19
N27JI	186	108	51	199	0	0.19
DN27J	309	247	174	318	2	0.19
RN27JW	267	171	140	141	1	0.19
CN27B	1692	1341	515	225	19	1.46
RN27B	1598	1280	502	195	4	1.46
N27D	149	99	56	143	56	0.09

Notes: (1) Retention based on future development

Route ID	100yr-6hr Flow (cfs)	100yr-24hr Flow (cfs)	10yr-6hr Flow (cfs)	Future 100yr-6hr Flow (cfs)	Future 10yr-6hr Flow (cfs)	Total Area (sq mi)
LN27DD	149	99	56	143	56	0.09
LN27D	110	49	0	113	0	0.09
DRN27J	186	108	51	199	0	0.19
RN27JS	171	86	41	111	0	0.19
CN27D	192	85	41	195	0	0.28
N27DI	87	74	37	88	0	0.28
DN27DO	104	11	5	108	0	0.28
RN27DW	68	6	1	25	0	0.28
DRN27D	87	74	37	88	0	0.28
RN27DS	83	47	25	45	0	0.28
N27K	588	428	157	702	203	0.63
LN27KD(1)	*	*	*	702	203	0.63
LN27K(1)	*	*	*	500	0	0.63
RN27K	571	401	155	372	0	0.63
N27L	700	482	230	794	302	0.47
LN27LD(1)	*	*	*	794	302	0.47
LN27L(1)	*	*	*	642	0	0.47
CN27L	960	760	261	439	0	1.09
RN27L	959	757	260	435	0	1.09
N25S	79	55	43	83	47	0.03
RN25S	75	47	40	75	40	0.03
CN25O*	976	773	263	436	32	1.12
RN25O*	969	754	261	425	24	1.12
N25O	252	162	97	237	93	0.13
LN25OD	245	162	97	237	93	0.13
LN25O	244	135	21	224	28	0.13
CN25O	1015	813	267	426	25	1.25
RN25O	1003	774	254	410	18	1.25
CN27*	1995	1873	516	427	15	2.99
N27	223	139	56	258	85	0.28
LN27DX(1)	*	*	*	258	85	0.28
LN27(1)	*	*	*	17	0	0.28
N27A	152	104	44	180	71	0.11
LN27AD(1)	*	*	*	180	71	0.11
LN27A(1)	*	*	*	150	7	0.11
N26B	308	206	109	278	106	0.22
LN26BD	308	206	109	278	106	0.22
LN26B	196	65	0	193	0	0.22
CN27	2102	2071	528	520	15	3.62
RN27	2077	1991	371	478	12	3.62
N26	76	50	24	96	42	0.04
LN26D(1)	*	*	*	96	42	0.04
LN26(1)	*	*	*	18	0	0.04
N26A	428	289	134	477	178	0.35
LN26AD	428	289	134	467	178	0.35

Notes: (1) Retention based on future development

Route ID	100yr-6hr Flow (cfs)	100yr-24hr Flow (cfs)	10yr-6hr Flow (cfs)	Future 100yr-6hr Flow (cfs)	Future 10yr-6hr Flow (cfs)	Total Area (sq mi)
LN26A	375	170	12	471	88	0.35
CN26*	2210	2108	369	542	12	4.01
N25R	288	205	159	312	179	0.09
RN25R	275	180	151	286	162	0.09
N25Q	87	60	47	93	53	0.03
RN25Q	82	53	45	83	47	0.03
N25P	497	353	260	525	298	0.17
LN25PD(1)	*	*	*	147	173	0.17
LN25P(1)	*	*	*	525	298	0.17
RN25P	469	290	239	477	247	0.17
N25M	529	355	241	559	268	0.24
LN25MD	529	355	241	553	268	0.24
LN25M	478	270	10	535	53	0.24
CN25M	1243	703	426	1313	438	0.53
N25MI	1062	633	398	1116	407	0.53
DN25M	181	70	28	196	31	0.53
RN25MW	126	47	18	112	8	0.53
N25N	48	33	20	48	20	0.03
LN25ND	48	33	20	48	20	0.03
LN25N	33	15	0	33	0	0.03
RN25N	27	12	0	23	0	0.03
CX3	148	51	18	127	8	0.55
X3I	81	28	9	70	4	0.55
DX3O	67	23	8	57	4	0.55
RX3W	41	10	3	28	2	0.55
CN26	2207	2108	368	541	13	4.56
RN26	2099	1957	342	505	11	4.56
N25L	126	85	49	121	48	0.06
LN25LD(1)	*	*	*	5	10	0.06
LN25L(1)	*	*	*	121	48	0.06
N25LI	68	44	25	65	25	0.06
DN25L	58	41	23	56	23	0.06
RN25LW	53	34	21	47	18	0.06
N25K	206	142	89	210	94	0.09
LN25KD(1)	*	*	*	2	5	0.09
LN25K(1)	*	*	*	210	94	0.09
CN25K	209	144	89	217	94	0.15
N25KI	179	114	59	187	64	0.15
DN25K	30	30	30	30	30	0.15
RN25KW	30	30	30	30	29	0.15
N25J	190	123	56	206	78	0.1
LN25JD(1)	*	*	*	2	6	0.1
LN25J(1)	*	*	*	206	78	0.1
CN25J	2110	1990	346	508	46	4.81
RN25J	2027	1832	332	489	33	4.81

Notes: (1) Retention based on future development

Route ID	100yr-6hr Flow (cfs)	100yr-24hr Flow (cfs)	10yr-6hr Flow (cfs)	Future 100yr-6hr Flow (cfs)	Future 10yr-6hr Flow (cfs)	Total Area (sq mi)
N25G	110	73	37	119	46	0.06
DRN25K	179	114	59	187	64	0.15
RN25KS	133	54	34	108	26	0.15
CN25G	155	75	42	131	47	0.21
RN25G	125	49	35	96	29	0.21
N25I	201	131	58	228	82	0.12
CN25I	2028	1861	340	535	47	4.99
RN25I	1970	1787	325	524	46	4.99
N25E	244	165	71	288	53	0.27
LN25ED(1)	*	*	*	288	53	0.27
LN25E(1)	*	*	*	280	28	0.27
DRN25M	1062	633	398	1116	407	0.53
RN25MS	844	497	381	776	321	0.53
DRX3	81	28	9	70	4	0.55
RX3S	61	18	2	48	2	0.55
CN25E	951	651	394	935	320	0.82
N25EI	40	40	40	40	40	0.82
DN25E	911	611	354	895	252	0.82
RN25EW	853	548	322	774	208	0.82
N25F	187	127	65	204	85	0.09
DRN25L	68	44	25	65	25	0.06
RN25LS	44	24	19	35	15	0.06
CN25F	860	591	331	803	238	0.97
RN25F	801	533	313	695	197	0.97
N25D	435	291	160	453	181	0.2
DRN25E	40	40	40	40	40	0.82
RN25ES	40	40	40	40	40	0.82
CN25D	453	309	169	462	184	0.2
N25DI	247	162	91	253	99	0.2
DN25D	206	147	78	210	85	0.2
RN25DW	183	122	73	174	72	0.2
N25C	262	181	79	294	106	0.17
CN25C	410	283	148	433	169	0.37
N25CI	154	106	55	162	63	0.37
DN25C	257	177	93	271	106	0.37
RN25CW	252	174	92	266	105	0.37
N25B	140	97	41	154	52	0.11
CN25B	828	654	338	792	264	1.45
N25BI	310	244	126	297	99	1.45
DN25B	517	409	212	495	165	1.45
RN25BW	509	390	203	475	157	1.45
N25A	117	82	33	135	48	0.09
CN25A	532	427	212	519	180	1.55
N25AI	355	284	151	346	132	1.55
DN25A	178	143	62	173	49	1.55

Notes: (1) Retention based on future development

Route ID	100yr-6hr Flow (cfs)	100yr-24hr Flow (cfs)	10yr-6hr Flow (cfs)	Future 100yr-6hr Flow (cfs)	Future 10yr-6hr Flow (cfs)	Total Area (sq mi)
N25	187	121	34	281	48	0.24
LN25D(1)	*	*	*	281	48	0.24
LN25(1)	*	*	*	188	0	0.24
N25H	72	50	19	86	29	0.07
CN25	1981	1931	308	507	66	6.85
RN25	1864	1793	283	464	60	6.85
N24B	129	88	47	136	52	0.07
DRN25D	247	162	91	253	99	0.2
RN25DS	205	132	85	183	80	0.2
CN24B	269	186	117	260	115	0.27
RN24B	266	182	115	257	112	0.27
DRN25C	154	106	55	162	63	0.37
RN25CS	149	100	54	155	60	0.37
CN24B*	393	280	157	393	161	0.64
N24BI	0	0	0	0	0	0.64
DN24B*	393	279	157	393	161	0.64
RN24BW	390	272	149	385	156	0.64
DRN25B	310	244	126	297	99	1.45
RN25BS	305	235	122	287	93	1.45
CN24C*	516	453	194	509	185	2.09
RN24C*	513	449	194	506	184	2.09
DRN25A	355	284	151	346	132	1.55
RN25AS	354	280	149	341	129	1.55
N24C	404	268	169	409	170	0.19
CN24C	782	750	301	792	295	3.73
RN24C	774	722	300	773	293	3.73
N24	153	97	42	280	144	0.11
N24A	356	243	141	387	168	0.24
LN24AD	337	199	141	387	168	0.24
LN24A	356	243	102	378	81	0.24
DRN24B	0	0	0	0	0	0.64
RN24BS	0	0	0	0	0	0.64
A21A	236	169	126	236	126	0.08
RA21A	213	140	113	213	113	0.08
X30	192	140	100	192	100	0.72
X30I	29	29	29	29	29	0.72
DX30	164	112	72	164	72	0.72
RX30W	117	75	42	117	42	0.72
CN24	2138	2263	315	1047	305	10.6
RN24	2087	2166	308	1018	274	10.6
DRX30	29	29	29	29	29	0.72
RX30S	26	25	24	26	24	0.72
N23A	1012	690	423	1021	435	0.49
LN23AD	614	308	423	623	435	0.49
LN23A	1012	690	386	1021	394	0.49

Notes: (1) Retention based on future development

Route ID	100yr-6hr Flow (cfs)	100yr-24hr Flow (cfs)	10yr-6hr Flow (cfs)	Future 100yr-6hr Flow (cfs)	Future 10yr-6hr Flow (cfs)	Total Area (sq mi)
CN23A	843	703	287	852	280	1.13
N23AI	202	25	71	204	70	1.13
DN23A	642	678	215	648	210	1.13
RN23AW	601	545	157	513	136	1.13
N23	390	154	120	448	133	0.39
DRN21D	168	139	55	185	60	1.6
RN21DE	155	117	43	159	53	1.6
CN23	2127	2341	375	1364	385	13.72
RN23	2034	2211	363	1311	356	13.72
A21C	143	101	73	143	73	0.05
A21CRR	62	43	27	62	27	0.05
RA21C	61	43	26	61	26	0.05
A21D	63	47	37	63	37	0.02
RA21D	61	42	35	61	35	0.02
A21E	197	146	114	197	114	0.06
CA21E	254	187	144	254	144	0.08
A21ERR	194	136	99	194	99	0.08
A21EI	58	41	30	58	30	0.08
DA21E	136	95	69	136	69	0.08
RA21ES	132	89	67	132	67	0.08
A21K	198	143	105	198	105	0.07
CA21K	344	228	167	344	167	0.2
A21KRR	297	197	132	297	132	0.2
A21L	64	46	33	64	33	0.03
CA21L	354	234	158	354	158	0.23
A21LRR	262	185	134	262	134	0.23
RA21L	260	181	133	260	133	0.23
A21M	19	14	9	19	9	0.02
A21MRR	0	0	0	0	0	0.02
RA21M	0	0	0	0	0	0.02
DA21EW	58	41	30	58	30	0.08
A21F	152	111	87	152	87	0.05
RA21F	151	110	87	151	87	0.05
RA21F	149	103	86	149	86	0.05
A21G	128	96	73	128	73	0.04
CA21G	330	230	181	330	181	0.16
A21GRR	290	201	156	290	156	0.16
A21H	24	18	14	24	14	0.01
CA21H	304	214	163	304	163	0.17
A21HRR	249	168	128	249	128	0.17
A21I	119	88	67	119	67	0.04
RA21I	114	85	64	114	64	0.04
A21J	333	239	181	333	181	0.11
CA21J	622	430	323	622	323	0.32
A21JRR	583	395	299	583	299	0.32

Notes: (1) Retention based on future development

Route ID	100yr-6hr Flow (cfs)	100yr-24hr Flow (cfs)	10yr-6hr Flow (cfs)	Future 100yr-6hr Flow (cfs)	Future 10yr-6hr Flow (cfs)	Total Area (sq mi)
RA21J	562	395	286	562	286	0.32
A21N	733	515	394	733	394	0.26
CA21N	1154	875	581	1154	581	0.75
A21NRR	1110	557	383	1110	383	0.75
A21O	34	25	20	34	20	0.01
CA21O	1120	563	386	1120	386	0.76
A21ORR	886	556	381	886	381	0.76
A21U	357	253	179	357	179	0.14
A21UR	64	5	77	64	77	0.14
LA21U	357	253	179	357	179	0.14
CA21U	1021	643	429	1021	429	0.9
A21URR	546	446	312	546	312	0.9
DA21US	15	15	15	15	15	0.9
DA21U	531	431	297	531	297	0.9
N21A36	21	14	7	21	7	0.02
N21AP3	11	8	5	11	5	0.01
C21AP3	538	439	301	538	301	0.92
L21AP3	537	438	300	537	300	0.92
N21A25	11	8	6	11	6	0
R21A25	11	8	6	11	6	0
N21A24	10	8	5	10	5	0.02
N21A26	25	17	8	25	8	0.03
N21A27	2	1	0	2	0	0
C21A27	47	33	18	47	18	0.05
L21A27	33	15	2	33	2	0.05
N21A23	26	17	8	26	8	0.03
R21A23	25	17	8	25	8	0.03
N21A28	1	0	0	1	0	0.01
N21A29	13	9	4	13	4	0.02
C21A28	68	31	14	68	14	0.1
L2A281	58	17	6	58	6	0.1
L2A282	38	13	6	38	6	0.1
N21A32	2	1	0	2	0	0
C21A32	39	13	6	39	6	0.11
L2A283	39	12	5	39	5	0.11
N21A31	24	16	8	24	8	0.02
N21A33	35	24	11	35	11	0.04
C21A33	61	43	22	61	22	0.16
N21A22	8	6	5	8	5	0.01
DRN23A	202	25	71	204	70	1.13
RN23AS	160	9	48	160	48	1.13
C21A22	196	14	64	197	63	0.01
21A22I	194	11	61	194	60	0.01
D21A22	3	3	3	3	3	0.01
N21A30	25	17	8	25	8	0.02

Notes: (1) Retention based on future development

Route ID	100yr-6hr Flow (cfs)	100yr-24hr Flow (cfs)	10yr-6hr Flow (cfs)	Future 100yr-6hr Flow (cfs)	Future 10yr-6hr Flow (cfs)	Total Area (sq mi)
N21AP1	9	7	4	9	4	0.02
C21AP1	94	66	36	94	36	0.21
L21AP1	56	35	23	56	23	0.21
N21AP2	21	14	7	21	7	0.01
C21AP2	58	39	25	58	25	0.22
L21AP2	58	39	25	58	25	0.22
N21A37	18	12	6	18	6	0.01
C21APA	574	477	314	574	314	1.16
N21A34	22	15	8	22	8	0.02
N21A35	19	13	6	19	6	0.01
N21AP5	13	9	5	13	5	0.01
L21AP5	1	1	1	1	1	0.01
N21AP4	40	28	18	40	18	0.03
C21APB	591	495	323	591	323	1.23
L21AP4	555	464	305	555	305	1.23
N21A39	8	6	5	8	5	0.01
DR2122	194	11	61	194	60	0.01
R21A22	172	11	54	172	54	0.01
C21A39	695	478	320	696	319	1.24
R21A39	694	478	319	694	318	1.24
N21A40	45	31	13	45	13	0.05
C21A40	701	486	321	702	320	1.29
N21A41	27	19	9	27	9	0.03
N21A42	21	14	7	21	7	0.02
N21A43	5	3	1	5	1	0
C21A42	709	495	323	709	322	1.34
L21A43	724	497	325	724	324	1.34
A21P	79	58	44	79	44	0.04
A21PRR	16	16	16	16	16	0.04
RA21P	16	16	16	16	16	0.04
A21V	116	87	67	116	67	0.04
A21VR	116	87	67	116	67	0.04
LA21V	0	0	0	0	0	0.04
A21Q	71	52	34	71	34	0.04
CA21Q	87	67	50	87	50	0.11
A21QRR	81	62	46	81	46	0.11
A21R	22	16	12	22	12	0.01
CA21R	95	72	52	95	52	0.12
A21RRR	91	68	49	91	49	0.12
A21S	37	27	20	37	20	0.01
CA21S	116	82	58	116	58	0.14
A21SRR	113	80	57	113	57	0.14
A21T	107	77	59	107	59	0.04
CA21T	187	130	88	187	88	0.18
A21TRR	20	16	16	20	16	0.18

Notes: (1) Retention based on future development

Route ID	100yr-6hr Flow (cfs)	100yr-24hr Flow (cfs)	10yr-6hr Flow (cfs)	Future 100yr-6hr Flow (cfs)	Future 10yr-6hr Flow (cfs)	Total Area (sq mi)
RA21T	20	16	16	20	16	0.18
A21AE	156	118	92	156	92	0.05
A21AER	149	101	92	149	92	0.05
LA21AE	155	90	0	155	0	0.05
A21AF	12	9	6	12	6	0
A21AFR	12	9	6	12	6	0
LA21AF	6	2	0	6	0	0
A21X	41	30	18	41	18	0.02
A21XR	41	30	18	41	18	0.02
LA21X	0	0	0	0	0	0.02
A21W	31	22	13	31	13	0.02
A21WR	31	22	13	31	13	0.02
LA21W	0	0	0	0	0	0.02
CA21AE	171	101	16	171	16	0.27
A21Y	142	102	81	142	81	0.05
A21YR	142	102	81	142	81	0.05
LA21Y	130	69	0	130	0	0.05
A21Z	184	132	100	184	100	0.06
A21ZR	184	132	100	184	100	0.06
LA21Z	141	76	0	141	0	0.06
RA21Z	122	64	0	122	0	0.06
A21AB	118	87	72	118	72	0.04
A21ABR	118	87	72	118	72	0.04
LA21AB	95	49	0	95	0	0.04
CA21AB	286	141	0	286	0	0.15
RA21AB	242	133	0	242	0	0.15
A21AC	77	58	47	77	47	0.02
A21ACR	77	58	47	77	47	0.02
LA21AC	65	42	0	65	0	0.02
A21AA	37	28	22	37	22	0.01
A21AAR	33	24	22	33	22	0.01
LA21AA	37	23	5	37	5	0.01
A21AD	140	102	79	140	79	0.05
A21ADR	140	101	79	140	79	0.05
LA21AD	126	78	9	126	9	0.05
CA21AD	383	216	9	383	9	0.24
RA21AD	345	195	8	345	8	0.24
A21AEC	408	230	24	408	24	0.51
RA21AE	379	218	24	379	24	0.51
A21AG	95	71	54	95	54	0.03
A21AGR	94	71	54	94	54	0.03
LA21AG	87	34	0	87	0	0.03
CA21AG	401	229	24	401	24	0.54
RA21AG	386	225	23	386	23	0.54
A21AH	75	56	42	75	42	0.03

Notes: (1) Retention based on future development

Route ID	100yr-6hr Flow (cfs)	100yr-24hr Flow (cfs)	10yr-6hr Flow (cfs)	Future 100yr-6hr Flow (cfs)	Future 10yr-6hr Flow (cfs)	Total Area (sq mi)
A21AHR	75	56	42	75	42	0.03
LA21AH	57	26	0	57	0	0.03
A21AI	21	15	11	21	11	0.01
A21AIR	21	15	11	21	11	0.01
LA21AI	16	7	0	16	0	0.01
A21AJ	28	20	17	28	17	0.01
A21AIR	28	20	17	28	17	0.01
LA21AI	8	2	0	8	0	0.01
CA21AJ	72	31	0	72	0	0.04
A21AK	141	105	81	141	81	0.04
A21AKR	141	105	81	141	81	0.04
LA21AK	106	50	0	106	0	0.04
DA21US	15	15	15	15	15	0.9
RA21US	15	15	15	15	15	0.9
N21A38	23	15	7	23	7	0.02
L21A38	17	12	1	17	1	0.02
R21A38	15	11	1	15	1	0.02
CN21B	444	274	37	444	37	0.65
RN21B	434	261	36	434	36	0.65
N21A44	38	27	17	38	17	0.03
L21A44	0	0	0	0	0	0.03
R21A44	0	0	0	0	0	0.03
N21A90	8	6	4	8	4	0.01
C21A43	790	620	334	788	334	2.03
R21A43	775	615	333	774	333	2.03
N21A19	9	6	3	9	3	0.01
N21A91	6	4	3	6	3	0
C21A91	777	619	335	777	335	2.04
R21A91	776	619	334	775	334	2.04
N21A4	12	8	4	12	4	0.01
21A4I	5	3	2	5	2	0.01
D21A4	7	5	3	7	3	0.01
N21A2	11	8	4	11	4	0.01
N21A3	17	12	6	17	6	0.02
C21A3	36	24	12	36	12	0.03
R21A3	34	23	12	34	12	0.03
N21A1	38	28	17	38	17	0.02
R21A1	37	28	16	37	16	0.02
N21A5	5	3	1	5	1	0.01
C21A5	76	53	28	76	28	0.07
R21A5	75	53	28	75	28	0.07
DR21A4	5	3	2	5	2	0.01
R21A4	5	3	2	5	2	0.01
N21A6	29	19	10	29	10	0.02
C21A6	33	22	11	33	11	0.02

Notes: (1) Retention based on future development

Route ID	100yr-6hr Flow (cfs)	100yr-24hr Flow (cfs)	10yr-6hr Flow (cfs)	Future 100yr-6hr Flow (cfs)	Future 10yr-6hr Flow (cfs)	Total Area (sq mi)
R21A6	32	22	11	32	11	0.02
N21A7	19	13	6	19	6	0.01
R21A7	16	11	6	16	6	0.01
N21A8	0	0	0	0	0	0.01
C21A8	116	81	44	116	44	0.11
L21A8	3	3	1	3	1	0.11
R21A8	3	3	1	3	1	0.11
N21A9	33	22	11	33	11	0.03
R21A9	31	22	11	31	11	0.03
N21A10	60	40	20	60	20	0.05
N21A11	9	6	1	9	1	0.01
N21A12	12	8	4	12	4	0.01
C21A11	108	72	35	108	35	0.21
L21A11	78	27	17	78	17	0.21
L21A14	51	27	17	51	17	0.21
R21A11	50	27	17	50	17	0.21
N21A14	30	18	5	30	5	0.06
C21A14	76	42	22	76	22	0.27
N21A13	28	19	9	28	9	0.02
N21A15	17	11	5	17	5	0.01
C21A15	91	59	29	91	29	0.3
L21A15	68	39	20	68	20	0.3
N21A17	6	4	1	6	1	0.01
L21A17	5	3	1	5	1	0.01
C21A17	72	41	21	72	21	0.32
N21A16	22	15	7	22	7	0.02
L21A16	22	14	12	22	12	0.02
C21A16	84	53	33	84	33	0.34
R21A16	84	53	33	84	33	0.34
N21A20	2	1	0	2	0	0
C21A20	85	54	33	85	33	0.34
L21A20	85	54	33	85	33	0.34
N21A18	27	18	9	27	9	0.03
C21A18	94	58	37	94	37	0.37
R21A18	94	58	37	94	37	0.37
N21A21	28	20	13	28	13	0.02
L21A21	11	9	3	11	3	0.02
N21A92	5	4	3	5	3	0.01
CN21A	776	674	344	776	344	3.72
RN21A	773	671	344	774	344	3.72
N21	626	433	229	850	258	0.62
LN21DX(1)	*	*	*	34	89	0.62
LN21(1)	*	*	*	850	258	0.62
CN21	2955	3237	904	2977	990	15.37
A09U	454	321	207	483	246	0.17

Notes: (1) Retention based on future development

Route ID	100yr-6hr Flow (cfs)	100yr-24hr Flow (cfs)	10yr-6hr Flow (cfs)	Future 100yr-6hr Flow (cfs)	Future 10yr-6hr Flow (cfs)	Total Area (sq mi)
LA09UD(1)	*	*	*	174	209	0.17
LA09U(1)	*	*	*	483	246	0.17
A09UI	91	64	41	97	49	0.17
DA09U	364	257	166	386	197	0.17
RA09US	309	181	137	267	94	0.17
N11N	700	458	300	726	341	0.26
LN11ND(1)	*	*	*	7	18	0.26
LN11N(1)	*	*	*	726	341	0.26
N11NI	661	429	276	686	316	0.26
DN11N	39	29	23	40	25	0.26
RN11NW	32	21	19	28	17	0.26
N11O	119	79	42	127	54	0.05
LN110D(1)	*	*	*	125	54	0.05
LN110(1)	*	*	*	120	0	0.05
N11OI	12	8	4	12	0	0.05
DN11O	107	72	38	108	0	0.05
RN11OS	85	41	28	35	0	0.05
N11M	234	153	22	246	101	0.1
LN11MD(1)	*	*	*	242	101	0.1
LN11M(1)	*	*	*	232	0	0.1
CN11M	410	282	146	391	106	0.32
N11MI	102	70	36	98	26	0.32
DN11M	307	211	109	293	79	0.32
RN11MS	294	181	96	225	62	0.32
N11K	301	203	99	309	102	0.19
LN11KD	50	4	63	57	67	0.19
LN11K	301	203	99	309	102	0.19
DRN11N	661	429	276	686	316	0.26
RN11NS	546	347	228	538	240	0.26
CN11K	823	534	326	831	341	0.45
N11KI	797	531	323	804	338	0.45
DN11K	26	10	10	26	10	0.45
RN11KW	17	6	5	13	6	0.45
N11J	492	320	173	495	177	0.24
LN11JD	102	38	118	78	103	0.24
LN11J	492	320	173	495	177	0.24
CN11J	518	375	171	481	170	0.56
N11JI	30	30	26	30	26	0.56
DN11J	488	345	145	451	144	0.56
RN11JS	442	272	119	325	89	0.56
N11G	716	494	192	920	365	0.52
LN11GD(1)	*	*	*	920	365	0.52
LN11G(1)	*	*	*	772	0	0.52
CN11G	851	649	195	770	89	1.08
N11GI	0	0	0	0	0	1.08

Notes: (1) Retention based on future development

Route ID	100yr-6hr Flow (cfs)	100yr-24hr Flow (cfs)	10yr-6hr Flow (cfs)	Future 100yr-6hr Flow (cfs)	Future 10yr-6hr Flow (cfs)	Total Area (sq mi)
DN11G	851	649	195	770	65	1.08
RN11GS	779	567	188	575	57	1.08
N11F	452	305	137	534	229	0.24
LN11FD(1)	*	*	*	534	229	0.24
LN11F(1)	*	*	*	467	0	0.24
CN11F	792	631	185	605	57	1.33
RN11F	782	602	176	546	42	1.33
N11C	398	269	148	397	148	0.25
LN11CD	398	269	148	397	148	0.25
LN11C	339	178	9	340	5	0.25
CN11C	825	678	174	575	41	1.58
N11CWI	75	46	1	29	0	1.58
DN11CW	750	632	151	546	38	1.58
N11CEI	26	22	11	20	8	1.58
DN11CE	724	610	140	526	30	1.58
DRN11C	75	46	1	29	0	1.58
LN11CW	3	2	0	1	0	1.58
DR11C*	26	22	11	20	8	1.58
LN11CE	4	4	4	4	3	1.58
CN11C*	729	614	143	529	33	1.58
DRN11K	797	531	323	804	338	0.45
RN11KS	635	373	254	567	225	0.45
X5I	585	329	216	517	189	0.45
DX5	50	44	38	50	36	0.45
RX5W	50	43	37	49	35	0.45
N11H	603	411	166	740	296	0.44
LN11HD(1)	*	*	*	740	296	0.44
LN11H(1)	*	*	*	622	0	0.44
CN11H	518	407	131	427	35	0.89
RN11HW	442	329	117	290	26	0.89
N11D	662	446	225	533	158	0.51
LN11DD	662	446	225	533	158	0.51
LN11D	420	124	0	392	0	0.51
LN11D*	642	362	117	492	26	1.4
DRX5	585	329	216	517	189	0.45
RX5S	494	266	165	415	135	0.45
N11I	1112	813	443	1106	444	0.62
DRN11L	679	436	139	479	96	0.68
RN11LS	588	332	117	342	66	0.68
DRN22A	109	75	51	106	49	0.37
RN22AW	100	66	48	90	43	0.37
CN11I	1071	866	441	1105	442	1.3
N11II	489	433	192	486	194	1.3
DN11I	489	433	192	486	194	1.3
RN11IS	478	414	190	450	179	1.3

Notes: (1) Retention based on future development

Route ID	100yr-6hr Flow (cfs)	100yr-24hr Flow (cfs)	10yr-6hr Flow (cfs)	Future 100yr-6hr Flow (cfs)	Future 10yr-6hr Flow (cfs)	Total Area (sq mi)
DRN11I	489	433	192	486	194	1.3
RN11IW	478	401	186	436	168	1.3
CX50	943	807	371	878	341	1.3
LX50	902	755	344	825	320	1.3
DX50I	651	552	274	599	258	1.3
DX50	251	204	70	226	63	1.3
RX50E	250	180	68	205	50	1.3
N22	579	403	244	720	343	0.47
LN22D	579	403	244	720	343	0.47
LN22	483	287	23	606	42	0.47
CN22	638	455	67	660	50	1.77
N22I	500	455	61	500	45	1.77
DN22	138	5	0	160	0	1.77
RN22W	89	1	0	76	0	1.77
DRX50I	651	552	274	599	258	1.3
RX50W	650	520	271	568	244	1.3
N11E	762	522	301	762	301	0.49
LN11ED	762	522	301	762	301	0.49
LN11E	596	307	0	596	0	0.49
CN11E	978	742	271	912	244	1.79
N11EI	500	500	257	500	232	1.79
DN11E	478	242	0	412	0	1.79
RN11EW	419	164	0	322	0	1.79
CX1	617	399	165	541	135	2.24
X1I	613	397	56	538	58	2.24
DX1	3	2	0	3	0	2.24
RX1W	1	1	0	1	0	2.24
CN11D	1193	947	144	885	40	2.97
RWBW1	1077	901	121	803	32	2.97
WBW	831	670	432	831	432	1
CWBW	1612	1426	334	1172	334	3.97
RBWB	25	25	24	25	23	3.97
RWBW2	25	25	24	25	23	3.97
DRN11E	500	500	257	500	232	1.79
R-WBE1	502	502	257	509	232	1.79
WB1	285	209	168	285	168	0.12
CPWB1	604	558	276	611	255	1.91
R-R3	586	542	273	575	246	1.91
WB2	156	116	93	156	93	0.1
CPWB2	700	620	319	684	306	2.01
R-4-5	686	621	306	683	282	2.01
WB3	35	27	21	35	21	0.01
CPWB3	689	623	307	686	283	2.02
R-6	686	619	306	682	282	2.02
DRN22	500	455	61	500	45	1.77

Notes: (1) Retention based on future development

Route ID	100yr-6hr Flow (cfs)	100yr-24hr Flow (cfs)	10yr-6hr Flow (cfs)	Future 100yr-6hr Flow (cfs)	Future 10yr-6hr Flow (cfs)	Total Area (sq mi)
WB4	161	115	93	161	93	0.06
CPWB4	519	462	67	533	67	1.83
R-R1	526	448	32	545	25	1.83
WB5	178	129	103	178	103	0.08
CPWB5	555	459	88	596	88	1.91
R-R2	361	204	18	371	18	1.91
CPR6	852	637	306	886	282	3.93
RCR26	807	625	288	840	272	3.93
WB7	97	73	60	97	60	0.03
CR6W7	808	631	290	841	273	3.97
R-R7	808	631	289	840	273	3.97
WB6	178	132	107	178	107	0.08
R-R8	21	20	17	21	17	0.08
C7R8	824	651	304	857	288	4.05
RC78	819	648	303	847	286	4.05
WB8	103	77	63	103	63	0.03
CP-678	820	653	304	848	287	4.08
WB10	139	100	79	139	79	0.06
R-R9	24	21	19	24	19	0.06
WBEOT	837	673	317	866	300	4.14
TONRI	100	100	98	100	97	4.14
DVNR	737	573	220	766	203	4.14
DCLUB	156	117	33	163	29	4.14
CCLUB	581	456	187	603	174	4.14
RR287	580	455	186	602	174	4.14
DV87SI	162	122	34	169	30	4.14
DV87S	418	334	152	433	143	4.14
RR289	416	333	151	430	143	4.14
DV89I	135	94	5	143	1	4.14
DS89	280	239	146	288	142	4.14
TODET	279	239	146	286	141	4.14
DV91I	160	124	41	167	37	4.14
DV91	118	114	105	119	104	4.14
WB9	627	451	364	627	364	0.28
R-R10	331	40	28	331	28	0.28
DRIX1	613	397	56	538	58	2.24
RX1S	567	340	47	371	39	2.24
CN11B	467	497	166	414	165	6.49
RCP91	466	497	166	414	164	6.49
SB-G4a	142	103	78	142	78	0.06
DR91	160	124	41	167	37	4.14
R2DET	160	124	41	167	37	4.14
CPDET	507	605	169	486	174	10.63
S-DET	328	338	151	324	152	10.63
RDET	327	338	151	323	152	10.63

Notes: (1) Retention based on future development

Route ID	100yr-6hr Flow (cfs)	100yr-24hr Flow (cfs)	10yr-6hr Flow (cfs)	Future 100yr-6hr Flow (cfs)	Future 10yr-6hr Flow (cfs)	Total Area (sq mi)
RN11BS	326	338	151	321	151	10.63
N11	1231	947	540	1303	625	0.9
LN11DX(1)	*	*	*	1265	625	0.9
LN11(1)	*	*	*	1303	423	0.9
DRV87	162	122	34	169	30	4.14
RDV87S	161	121	34	168	30	4.14
R-G1	159	120	32	167	29	4.14
DX55I	142	120	32	142	29	4.14
DX55	19	0	0	25	0	4.14
DX56I	15	0	0	20	0	4.14
DX56	4	0	0	5	0	4.14
DX56W	1	0	0	1	0	4.14
DRV89	135	94	5	143	1	4.14
RDV89S	113	83	1	116	0	4.14
RDV89E	96	77	1	99	0	4.14
CN11	1231	1041	540	1805	388	11.53
RN11	909	944	450	945	325	11.53
N10	614	419	244	591	231	0.49
LN10D	*	*	*	127	158	0.49
LN10	*	*	*	591	231	0.49
S10R	37	26	15	35	13	0.03
S10RI	24	16	9	22	8	0.03
DS10RO	13	9	6	13	5	0.03
RS10RS	9	6	4	8	4	0.03
CN10	1268	1320	586	1278	406	12.05
N10I	30	1	1	33	1	12.05
DN10	1238	1320	586	1249	405	12.05
RN10E	1234	1303	583	1236	394	12.05
DR56	15	0	0	20	0	4.14
RDR56	3	0	0	5	0	4.14
N09	1068	772	492	1054	486	0.65
LN09D(1)	*	*	*	23	15	0.65
LN09(1)	*	*	*	1054	486	0.65
CN09*	1742	1864	804	1637	471	12.7
CN21	2955	3237	904	2977	990	15.37
RN21	2903	3214	875	2948	981	15.37
DRTONR	100	100	98	100	97	4.14
N20	472	317	191	565	250	0.36
LN20D(1)	*	*	*	332	250	0.36
LN20(1)	*	*	*	565	249	0.36
CN20	3017	3343	965	3113	1082	15.73
RN20	2988	3332	962	3091	1074	15.73
N12	475	319	194	412	188	0.51
LN12D	16	8	30	16	39	0.51
LN12	475	319	194	412	188	0.51

Notes: (1) Retention based on future development

Route ID	100yr-6hr Flow (cfs)	100yr-24hr Flow (cfs)	10yr-6hr Flow (cfs)	Future 100yr-6hr Flow (cfs)	Future 10yr-6hr Flow (cfs)	Total Area (sq mi)
N13	184	146	111	194	119	0.5
LN13D(1)	*	*	*	86	96	0.5
LN13(1)	*	*	*	194	119	0.5
CN12	3239	3528	1064	3376	1199	16.73
RN12	3221	3516	1060	3275	1172	16.73
CN09+	3331	3942	1166	3468	1293	26.16
RN09*	3320	3933	1164	3464	1285	26.16
N19E	726	539	231	913	261	0.7
LN19ED(1)	*	*	*	913	261	0.7
LN19E(1)	*	*	*	612	0	0.7
N19F	323	223	86	383	106	0.37
LN19FD(1)	*	*	*	383	106	0.37
LN19F(1)	*	*	*	270	0	0.37
CN19E	937	755	266	647	0	1.08
RN19E	853	630	253	561	0	1.08
N19D	575	397	214	710	297	0.39
LN19DD(1)	*	*	*	710	297	0.39
LN19D(1)	*	*	*	538	0	0.39
CN19D	1029	792	285	576	0	1.47
RN19D	1013	753	278	453	0	1.47
N19C	1498	1159	581	1658	731	0.76
LN19CD(1)	*	*	*	28	51	0.76
LN19C(1)	*	*	*	1658	731	0.76
CN19C	1082	1184	387	1142	488	2.23
RN19C	1070	932	366	966	395	2.23
N19B	808	545	339	865	413	0.32
CN19B	1321	1190	429	1238	490	2.54
RN19B	1244	944	404	1047	394	2.54
N19A	903	634	339	903	339	0.47
A21B	42	30	15	42	15	0.02
RA21B	41	30	14	41	14	0.02
CN19A	1520	1171	547	1388	568	3.04
397RR	1259	1010	426	1171	441	3.04
398A	314	232	179	314	179	0.1
398B	197	145	98	197	98	0.14
C398B	1362	1100	462	1289	483	3.28
398BRR	1177	974	385	1107	395	3.28
398BI	392	325	128	369	132	3.28
D398B	784	649	257	738	263	3.28
398BSI	392	325	128	369	132	3.28
D398BE	392	325	128	369	132	3.28
398D	274	200	160	274	160	0.08
398E	336	249	189	336	189	0.11
398F	214	158	112	214	112	0.2
C398F	527	586	248	524	246	3.68

Notes: (1) Retention based on future development

Route ID	100yr-6hr Flow (cfs)	100yr-24hr Flow (cfs)	10yr-6hr Flow (cfs)	Future 100yr-6hr Flow (cfs)	Future 10yr-6hr Flow (cfs)	Total Area (sq mi)
398FRR	307	267	106	259	103	3.68
D398BW	392	325	128	369	132	3.28
398C	84	63	42	84	42	0.09
C398C	449	369	152	430	157	3.27
398CRR	312	259	96	244	89	3.27
398BSW	392	325	128	369	132	3.28
398G	133	99	69	133	69	0.22
C398G	977	838	325	845	322	4.09
398GRR	824	730	268	638	243	4.09
RM399	820	728	267	635	242	4.09
N18	788	537	291	843	353	0.5
LN18D(1)	*	*	*	16	25	0.5
LN18(1)	*	*	*	843	353	0.5
CN18	820	735	267	635	248	4.59
RN18	808	729	263	627	233	4.59
N17	546	368	113	622	271	0.41
LN17D(1)	*	*	*	41	95	0.41
LN17(1)	*	*	*	622	271	0.41
CN17	822	754	270	859	352	5.01
RN17	804	740	270	851	350	5.01
N16	1155	895	442	1267	525	0.92
LN16D(1)	*	*	*	283	366	0.92
LN16(1)	*	*	*	1267	525	0.92
CN16	1483	1442	469	1602	660	5.93
RN16	1464	1353	463	1529	600	5.93
N15B	792	580	290	479	368	0.75
LN15BD(1)	*	*	*	271	302	0.75
LN15B(1)	*	*	*	479	368	0.75
RN15B	753	542	278	453	298	0.75
N15A	948	701	398	943	400	0.8
LN15AD	948	701	398	943	400	0.8
LN15A	697	460	9	676	6	0.8
CN15A	1287	991	278	735	296	1.54
RN15A	1247	927	247	712	258	1.54
N15	546	370	208	589	199	0.54
LN15D(1)	*	*	*	104	150	0.54
LN15(1)	*	*	*	589	199	0.54
CN15	2138	1867	718	1847	708	8.01
RN15	2124	1847	713	1797	667	8.01
N14A	458	309	177	466	156	0.44
LN14AD(1)	*	*	*	14	33	0.44
LN14A(1)	*	*	*	466	156	0.44
RN14A	454	300	176	451	153	0.44
N14	195	136	107	195	107	0.08
CN14	2347	2035	803	2120	775	8.53

Notes: (1) Retention based on future development

Route ID	100yr-6hr Flow (cfs)	100yr-24hr Flow (cfs)	10yr-6hr Flow (cfs)	Future 100yr-6hr Flow (cfs)	Future 10yr-6hr Flow (cfs)	Total Area (sq mi)
RN14	2299	1974	711	1905	710	8.53
N08B	750	541	298	737	253	0.7
LN08BD	750	541	298	737	253	0.7
LN08B	550	380	16	519	0	0.7
RN08B	389	295	5	220	0	0.7
N08A	702	499	293	835	366	0.74
LN08AD	702	499	293	835	366	0.74
LN08A	545	405	54	574	21	0.74
CN08A	604	545	27	570	10	1.43
RN08A	525	523	10	380	4	1.43
N08	918	678	385	843	366	0.79
LN08D(1)	*	*	*	295	335	0.79
LN08(1)	*	*	*	843	366	0.79
CN08	2592	2535	760	2275	785	10.75
RN08	2588	2526	759	2262	784	10.75
CN09	4662	5666	1570	4698	1737	36.91
RN09	4642	5635	1568	4674	1719	36.91
DRN10	30	1	1	33	1	12.05
RN10S	27	1	1	17	1	12.05
DX26I	21	0	0	11	0	12.05
DX26O	6	0	1	6	0	12.05
RX26S	5	0	0	4	0	12.05
DRX26	21	0	0	11	0	12.05
N07A	809	544	359	826	368	0.36
LN07AD	809	544	359	826	368	0.36
LN07A	723	357	0	716	0	0.36
CN07A	806	358	121	16	0	0.36
N07	962	702	369	1126	458	0.75
LN07D(1)	*	*	*	407	413	0.75
LN07(1)	*	*	*	1126	457	0.75
CN07	4658	5673	1572	4680	1716	38.15
RN07	4650	5657	1566	4623	1675	38.15
A11L	662	466	346	684	371	0.25
LA11LD(1)	*	*	*	663	371	0.25
LA11L(1)	*	*	*	677	67	0.25
RA11L	607	416	320	388	27	0.25
A11M	722	519	370	792	445	0.26
LA11MD(1)	*	*	*	239	310	0.26
LA11M(1)	*	*	*	792	445	0.26
RA11M	670	468	342	716	373	0.26
A11J	181	128	84	194	101	0.08
LA11JD(1)	*	*	*	194	101	0.08
LA11J(1)	*	*	*	171	2	0.08
A11N	210	150	95	240	124	0.08
LA11ND(1)	*	*	*	68	91	0.08

Notes: (1) Retention based on future development

Route ID	100yr-6hr Flow (cfs)	100yr-24hr Flow (cfs)	10yr-6hr Flow (cfs)	Future 100yr-6hr Flow (cfs)	Future 10yr-6hr Flow (cfs)	Total Area (sq mi)
LA11N(1)	*	*	*	240	124	0.08
RA11N	200	131	87	211	87	0.08
A11O	146	106	66	174	92	0.06
RA11O	136	88	59	153	75	0.06
CX21	334	218	145	363	161	0.14
RX21	290	165	123	272	107	0.14
A11K	777	530	315	860	438	0.3
LA11KD(1)	*	*	*	554	438	0.3
LA11K(1)	*	*	*	860	354	0.3
A11G	189	130	92	196	100	0.07
A11GI	0	0	0	0	0	0.07
DA11G	189	130	91	195	100	0.07
RA11GN	178	116	86	177	87	0.07
CA11K	1567	1235	673	1582	665	0.84
RA11K	1477	1055	631	1316	434	0.84
DRA11G	0	0	0	0	0	0.07
RA11GW	0	0	0	0	0	0.07
A11I	884	647	481	925	535	0.28
LA11ID(1)	*	*	*	880	535	0.28
LA11I(1)	*	*	*	925	4	0.28
CA11I	2019	1660	881	1538	424	1.37
RA11I	1957	1515	834	1338	262	1.37
A11E	542	354	173	599	231	0.3
A11F	898	584	323	989	136	0.47
LA11FD(1)	*	*	*	56	81	0.47
LA11F(1)	*	*	*	989	136	0.47
A11FI	1	1	1	1	0	0.47
DA11F	897	583	322	988	135	0.47
RA11FN	866	576	315	954	134	0.47
CA11E	2428	2210	917	1825	302	2.13
RA11E	2399	2029	901	1729	284	2.13
A11H	188	130	78	200	96	0.07
LA11HD(1)	*	*	*	42	62	0.07
LA11H(1)	*	*	*	200	96	0.07
RA11H	149	78	57	122	40	0.07
DRA09U	91	64	41	97	49	0.17
RA09UW	67	49	35	64	26	0.17
A09T	348	230	113	388	150	0.18
LA09TD(1)	*	*	*	379	150	0.18
LA09T(1)	*	*	*	370	19	0.18
CA09T	407	276	148	432	26	0.18
A09TI	197	66	0	222	0	0.18
DA09T	210	210	147	210	26	0.18
RA09TW	210	182	141	171	17	0.18
DRA11F	1	1	1	1	0	0.47

Notes: (1) Retention based on future development

Route ID	100yr-6hr Flow (cfs)	100yr-24hr Flow (cfs)	10yr-6hr Flow (cfs)	Future 100yr-6hr Flow (cfs)	Future 10yr-6hr Flow (cfs)	Total Area (sq mi)
RA11FS	0	0	0	1	0	0.47
CX22	210	182	141	172	17	0.18
RX22	210	170	134	153	14	0.18
CX23	2596	2264	929	1885	291	2.38
RX23	2519	1965	874	1680	236	2.38
A99Z	333	210	156	367	164	0.16
RA99Z	302	170	142	274	112	0.16
A11D	313	201	107	334	135	0.15
CA11D	397	236	184	461	176	0.3
RA11D	357	181	138	312	117	0.3
A11B	196	131	56	224	74	0.15
A11A	659	478	176	734	249	0.59
LA11AD(1)	*	*	*	6	6	0.59
LA11A(1)	*	*	*	734	249	0.59
CA11A	2780	2346	847	2098	324	3.43
RA11A	2762	2322	833	2091	324	3.43
A11C	152	101	38	178	30	0.12
RA11C	140	83	33	148	25	0.12
CA11*	2817	2398	826	2149	331	3.55
RA11*	2768	2317	809	2096	327	3.55
A11	254	175	71	290	48	0.16
CA11	2776	2340	799	2097	336	3.71
DRN11O	12	8	4	12	0	0.05
RN11OW	3	2	1	2	0	0.05
DRA09T	197	66	0	222	0	0.18
RA09TS	69	11	0	29	0	0.18
A09R	173	118	46	201	69	0.14
LA09RD(1)	*	*	*	201	69	0.14
LA09R(1)	*	*	*	139	0	0.14
CA09R	176	118	47	140	0	0.32
A09RI	0	0	0	0	0	0.32
DA09R	176	118	47	140	0	0.32
RA09RS	161	98	43	75	0	0.32
DRN11M	102	70	36	98	26	0.32
RN11MW	93	57	30	68	17	0.32
DRN11J	30	30	26	30	26	0.56
RN11JW	30	30	26	30	25	0.56
CX4	123	86	56	98	39	0.39
RX4	115	74	44	81	37	0.39
A09O	200	136	54	231	47	0.19
LA09OD(1)	*	*	*	231	47	0.19
LA09O(1)	*	*	*	202	10	0.19
CA09O	290	218	90	167	37	0.9
A09OI	0	0	0	0	0	0.9
DA09O	289	218	90	167	31	0.9

Notes: (1) Retention based on future development

Route ID	100yr-6hr Flow (cfs)	100yr-24hr Flow (cfs)	10yr-6hr Flow (cfs)	Future 100yr-6hr Flow (cfs)	Future 10yr-6hr Flow (cfs)	Total Area (sq mi)
RA09OS	249	211	87	155	23	0.9
DRN11G	0	0	0	0	0	1.08
RN11GW	0	0	0	0	0	1.08
A09K	524	360	142	672	264	0.41
LA09KD(1)	*	*	*	672	264	0.41
LA09K(1)	*	*	*	520	0	0.41
CA09K	524	360	142	520	0	0.41
A09KI	419	288	114	416	0	0.41
DA09K	105	72	28	104	0	0.41
RA09KW	93	58	27	56	0	0.41
CX7	274	265	86	169	23	1.31
X7I	0	0	0	0	0	1.31
DX7	274	265	83	169	20	1.31
RX7S	264	250	79	163	20	1.31
AX25I	85	82	21	50	5	1.31
DX25	179	167	58	113	15	1.31
RX25E	175	166	56	112	15	1.31
DRX25	85	82	21	50	5	1.31
RX25W	84	77	19	48	4	1.31
DRA09K	419	288	114	416	0	0.41
RA09KS	388	239	108	231	0	0.41
A09G	406	271	120	481	205	0.22
LA09GD(1)	*	*	*	481	205	0.22
LA09G(1)	*	*	*	406	0	0.22
A09GI	243	163	72	244	0	0.22
DA09G	162	109	48	162	0	0.22
CA09G	405	261	109	226	0	0.63
RA09GW	364	223	99	180	0	0.63
A09J	243	168	68	300	121	0.17
LA09JD(1)	*	*	*	300	121	0.17
LA09J(1)	*	*	*	237	0	0.17
DRX7	0	0	0	0	0	1.31
RX7W	0	0	0	0	0	1.31
CA09J	243	168	68	237	0	0.17
A09JI	1	1	0	1	0	0.17
DA09J	242	167	68	237	0	0.17
RA09JS	216	129	62	117	0	0.17
A09H	403	280	63	488	202	0.25
LA09HD(1)	*	*	*	488	202	0.25
LA09H(1)	*	*	*	422	0	0.25
CA09H	498	485	105	261	14	2.35
RA09H	488	472	103	249	12	2.35
DRA09G	243	163	72	244	0	0.22
RA09GS	205	113	47	95	0	0.22
A09F	577	395	216	607	251	0.37

Notes: (1) Retention based on future development

Route ID	100yr-6hr Flow (cfs)	100yr-24hr Flow (cfs)	10yr-6hr Flow (cfs)	Future 100yr-6hr Flow (cfs)	Future 10yr-6hr Flow (cfs)	Total Area (sq mi)
LA09FD	577	378	216	607	251	0.37
LA09F	561	330	92	547	39	0.37
CA09F	573	537	106	380	12	2.72
A09FI	142	111	1	56	0	2.72
DA09F	431	425	102	324	11	2.72
RA09FW	430	425	102	237	10	2.72
A09I	335	235	139	349	152	0.17
LA09ID	335	235	139	349	152	0.17
LA09I	284	146	0	289	0	0.17
A09II	283	145	0	288	0	0.17
DA09I	1	1	0	1	0	0.17
RA09IS	0	0	0	0	0	0.17
A09E	159	107	61	162	65	0.15
LA09ED	159	107	61	162	65	0.15
LA09E	122	66	0	131	7	0.15
CA09E	484	464	103	329	11	2.87
RA09E	483	461	98	265	10	2.87
A09S	142	97	49	160	73	0.07
LA09SD(1)	*	*	*	155	73	0.07
LA09S(1)	*	*	*	156	18	0.07
DRA09R	0	0	0	0	0	0.32
RA09RW	0	0	0	0	0	0.32
CA09S	142	98	49	156	18	0.07
A09SI	1	0	0	1	0	0.07
DA09S	142	97	49	155	18	0.07
RA09SS	119	69	40	74	7	0.07
A09Q	327	222	97	364	54	0.22
A09P	189	132	51	212	41	0.18
DRA09O	0	0	0	0	0	0.9
RA09OW	0	0	0	0	0	0.9
CA09P	189	132	51	212	41	0.18
RA09P	186	128	51	206	41	0.18
CA09Q	527	351	162	507	94	0.47
A09QI	1	1	1	1	0	0.47
DA09Q	526	351	162	507	94	0.47
RA09QS	509	337	156	482	93	0.47
A09M	540	361	200	505	209	0.25
LA09MD	503	359	200	505	209	0.25
LA09M	540	284	49	481	22	0.25
CA09M	556	400	161	670	98	0.71
RA09M	553	394	150	655	92	0.71
A09N	146	101	49	120	36	0.11
LA09ND	146	101	49	120	36	0.11
LA09N	122	57	0	96	0	0.11
CA09N	601	394	150	654	92	0.82

Notes: (1) Retention based on future development

Route ID	100yr-6hr Flow (cfs)	100yr-24hr Flow (cfs)	10yr-6hr Flow (cfs)	Future 100yr-6hr Flow (cfs)	Future 10yr-6hr Flow (cfs)	Total Area (sq mi)
RA09N	561	390	132	604	86	0.82
DRA09J	1	1	0	1	0	0.17
RA09JW	1	0	0	0	0	0.17
A09L	188	129	68	178	69	0.14
LA09LD	188	129	68	178	69	0.14
LA09L	126	43	0	131	0	0.14
CA09L	593	406	131	652	85	1.13
A09LI	1	1	0	1	0	1.13
DA09L	592	405	112	651	75	1.13
RA09LS	566	400	107	501	68	1.13
DRA09I	283	145	0	288	0	0.17
RA09IW	227	119	0	210	0	0.17
CX10	568	428	107	517	68	1.34
X10I	550	330	9	472	6	1.34
DX10	259	261	88	260	57	1.34
A09D	745	525	383	746	389	0.25
LA09DD	728	470	383	728	389	0.25
LA09D	717	413	17	722	5	0.25
CA09D	467	391	88	426	57	1.59
DRX10	550	330	9	472	6	1.34
RX10W	542	318	9	464	6	1.34
X11I	58	9	0	36	0	1.34
DX11	484	309	9	428	6	1.34
RX11S	466	305	7	420	6	1.34
CA09C*	884	910	94	631	59	4.46
RA09C*	884	907	93	631	37	4.46
A09C	120	81	38	136	52	0.07
LA09CD(1)	*	*	*	135	52	0.07
LA09C(1)	*	*	*	131	8	0.07
CA09C	883	910	92	633	37	4.53
RA09C	882	907	92	630	36	4.53
A09B	130	95	73	135	77	0.04
LA09BD(1)	*	*	*	2	1	0.04
LA09B(1)	*	*	*	135	77	0.04
RA09B	106	60	26	104	56	0.04
A09A	80	54	28	109	42	0.08
LA09AD(1)	*	*	*	108	42	0.08
LA09A(1)	*	*	*	108	24	0.08
CA09A	898	930	94	651	58	4.66
A09AI	758	790	0	511	0	4.66
DA09AO	140	140	94	140	39	4.66
RA09AW	140	140	81	140	32	4.66
A99T	73	48	23	77	29	0.03
LA99TD	68	48	23	73	29	0.03
LA99T	73	22	0	77	0	0.03

Notes: (1) Retention based on future development

Route ID	100yr-6hr Flow (cfs)	100yr-24hr Flow (cfs)	10yr-6hr Flow (cfs)	Future 100yr-6hr Flow (cfs)	Future 10yr-6hr Flow (cfs)	Total Area (sq mi)
RA99T	42	10	0	40	0	0.03
A09	339	220	99	390	158	0.18
LA09D(1)	*	*	*	341	158	0.18
LA09(1)	*	*	*	390	69	0.18
CA09	141	216	81	148	32	4.86
DRA09F	142	111	1	56	0	2.72
RA09FS	141	110	1	47	0	2.72
S30D	271	191	126	275	127	0.13
CS30D	200	185	85	178	85	2.85
RS30D	157	133	82	150	64	2.85
S30B	373	252	137	393	111	0.4
S30C	591	406	264	619	274	0.46
CS30B	868	769	383	870	343	3.7
DS30BI	318	219	0	320	0	3.7
DS30BO	550	550	383	550	343	3.7
RS30BW	550	550	376	550	335	3.7
S30A	637	432	243	635	190	0.53
CS30A	988	929	524	994	467	4.23
DS30AI	438	379	3	444	0	4.23
DS30AO	550	550	521	550	467	4.23
RS30AW	550	550	520	550	466	4.23
S30	418	281	155	424	154	0.32
LS30D(1)	*	*	*	36	65	0.32
LS30(1)	*	*	*	424	154	0.32
CS30	806	792	574	813	517	4.56
RS30	806	789	574	813	517	4.56
A07G	685	483	352	644	336	0.26
LA07GD	655	483	352	644	336	0.26
LA07G	684	339	97	604	35	0.26
RA07G	681	169	51	301	17	0.26
A07F	232	157	88	230	61	0.23
LA07FD(1)	*	*	*	4	3	0.23
LA07F(1)	*	*	*	230	61	0.23
RA07F	230	155	88	226	60	0.23
A07E	524	361	264	518	253	0.23
CA07E	1136	502	269	738	247	0.72
RA07E	933	488	267	716	226	0.72
A07C	298	204	93	336	126	0.17
LA07CD(1)	*	*	*	336	126	0.17
LA07C(1)	*	*	*	284	0	0.17
CA07C	1109	649	322	867	226	0.89
RA07C	1104	644	320	859	216	0.89
A07H	268	179	131	289	154	0.09
LA07HD(1)	*	*	*	129	145	0.09
LA07H(1)	*	*	*	289	154	0.09

Notes: (1) Retention based on future development

Route ID	100yr-6hr Flow (cfs)	100yr-24hr Flow (cfs)	10yr-6hr Flow (cfs)	Future 100yr-6hr Flow (cfs)	Future 10yr-6hr Flow (cfs)	Total Area (sq mi)
RA07H	254	156	117	245	103	0.09
DA09A	758	790	0	511	0	4.66
RA09AS	749	765	0	508	0	4.66
A08B	149	99	50	156	55	0.1
CA08B	748	770	18	510	21	4.75
RA08B	742	723	16	482	15	4.75
A07D	129	79	50	183	48	0.23
CA07D	1096	881	320	845	211	5.97
LA07DD(1)	*	*	*	398	211	5.97
LA07D(1)	*	*	*	811	184	5.97
RA07D	904	873	268	794	140	5.97
A07B	936	676	327	860	304	0.65
LA07BD	877	549	327	860	304	0.65
LA07B	923	676	208	661	2	0.65
CA07B	1826	1995	705	1621	560	11.17
RA07B	1825	1793	696	1518	549	11.17
A06A	541	361	207	518	213	0.28
LA06AD(1)	*	*	*	205	200	0.28
LA06A(1)	*	*	*	518	213	0.28
CA06A	1976	1869	719	1581	570	11.45
A07A	103	70	34	115	24	0.12
RA07A	103	69	34	112	24	0.12
A07	319	218	127	344	162	0.12
CA07	349	232	132	376	164	0.24
RA07	260	91	79	260	73	0.24
A06	605	382	175	734	319	0.28
LA06D(1)	*	*	*	314	299	0.28
LA06(1)	*	*	*	734	319	0.28
CA06	2111	1960	726	1644	576	11.97
RA06	2088	1934	723	1628	549	11.97
A99Q	345	241	159	365	193	0.12
CA99Q	2087	1934	722	1625	548	12.09
DUMMY1	3614	4044	1046	2829	689	20.66
DUMMYO	3614	4044	1046	2828	688	20.66
DUMMY	0	0	0	1	1	20.66
EMPTY	0	0	0	1	1	20.66
S10V	303	209	125	289	111	0.2
RS10V	289	185	122	191	75	0.2
S10U	136	94	48	141	49	0.11
CS10U	406	235	160	272	113	0.3
RS10U	396	213	152	257	105	0.3
S10T	470	320	190	460	177	0.34
CS10T	762	403	266	597	243	0.64
RS10T	754	400	264	593	241	0.64
DS30BX	318	219	0	320	0	3.7

Notes: (1) Retention based on future development

Route ID	100yr-6hr Flow (cfs)	100yr-24hr Flow (cfs)	10yr-6hr Flow (cfs)	Future 100yr-6hr Flow (cfs)	Future 10yr-6hr Flow (cfs)	Total Area (sq mi)
RS30BS	300	121	0	228	0	3.7
S10S	973	673	479	971	477	0.49
LS10SD(1)	*	*	*	15	10	0.49
LS10S(1)	*	*	*	971	477	0.49
CS10S	1201	1025	458	1093	456	4.84
RS10S	1176	981	456	1071	453	4.84
S10Q	369	253	169	366	164	0.25
CS10Q	1376	1216	576	1298	569	5.1
RS10Q	1364	1157	574	1264	564	5.1
DRS10R	24	16	9	22	8	0.03
RS10RW	22	15	9	19	8	0.03
S10O	1089	816	433	1070	411	0.79
CS10O	1990	1842	864	1901	837	5.89
S10J	163	111	72	162	70	0.08
S10JI	96	65	42	95	41	0.08
DS10JO	68	46	30	67	29	0.08
RS10JW	67	46	30	67	29	0.08
CS10KN	2010	1867	874	1920	846	5.97
RS10KN	2003	1858	871	1913	845	5.97
S10JX	96	65	42	95	41	0.08
RS10JS	93	60	41	88	37	0.08
S10I	211	144	85	210	83	0.13
CS10I	304	203	126	298	119	0.13
S10II	178	119	74	175	70	0.13
DS10IO	126	84	52	124	49	0.13
RS10IW	125	84	51	122	49	0.13
CS10KM	2055	1916	894	1964	868	6.11
RS10KM	2034	1883	886	1935	861	6.11
S10IX	178	119	74	175	70	0.13
RS10IS	173	114	72	163	64	0.13
S10N	210	146	87	200	77	0.14
CS10N	373	250	156	355	137	0.35
S10NI	187	125	78	178	69	0.35
DS10NO	187	125	78	178	69	0.35
RS10NW	187	125	78	178	68	0.35
S10K	499	340	220	496	213	0.34
CS10K	2397	2256	1064	2280	1028	6.58
RS10K	2376	2174	1053	2224	1008	6.58
S10NX	187	125	78	178	69	0.35
RS10NS	180	115	73	163	62	0.35
S10G	592	412	263	581	251	0.28
CS10G	2646	2418	1184	2470	1131	6.86
RS10G	2629	2355	1177	2425	1113	6.86
X40I	550	550	441	550	425	6.86
DX40	2079	1805	737	1875	689	6.86

Notes: (1) Retention based on future development

Route ID	100yr-6hr Flow (cfs)	100yr-24hr Flow (cfs)	10yr-6hr Flow (cfs)	Future 100yr-6hr Flow (cfs)	Future 10yr-6hr Flow (cfs)	Total Area (sq mi)
RX40S	2064	1758	732	1834	680	6.86
S10D	550	369	230	564	234	0.46
CS10D	2360	2029	872	2102	819	7.32
DS30X	438	379	3	444	0	4.23
RS30AS	419	355	1	376	0	4.23
S10P	439	295	181	443	182	0.33
CS10P	600	499	120	545	120	4.56
RS10P	566	356	112	524	96	4.56
S10E	369	259	181	384	177	0.63
CS10E	840	552	237	800	221	5.19
RS10E	831	546	235	784	218	5.19
S10M	722	502	348	709	336	0.35
RS10M	673	401	327	575	265	0.35
CS10E*	986	615	344	942	340	5.54
RS10E*	982	615	343	940	339	5.54
S10F	345	234	131	358	102	0.33
RS10F	337	219	129	331	97	0.33
CS10F*	1149	818	420	1114	400	5.88
RS10F*	1142	798	417	1111	396	5.88
S10C	330	223	152	315	137	0.37
CS10C	3328	2965	1249	3066	1149	13.57
RS10C	3317	2951	1248	3048	1144	13.57
DRX40	550	550	441	550	425	6.86
RX40E	550	550	440	550	422	6.86
S10B	197	137	88	197	88	0.14
CS10B	743	671	612	734	587	0.14
RS10B	739	668	612	729	585	0.14
S10A	46	33	18	47	19	0.05
S10	149	103	66	149	66	0.11
CS10	4032	3656	1743	3754	1618	13.87
RS10	4030	3649	1743	3753	1617	13.87
N06	952	668	398	1043	485	0.59
LN06D(1)	*	*	*	43	88	0.59
LN06(1)	*	*	*	1043	485	0.59
CN06	5701	6986	2247	5622	1822	52.61
RN06	5682	6948	2235	5609	1812	52.61
N05C	357	240	134	350	125	0.28
CN05C	5728	7020	2254	5638	1813	52.89
RN05C	5705	6981	2249	5610	1805	52.89
N05B	221	148	84	208	77	0.31
DN05BI	199	133	76	187	70	0.31
DN05B	22	15	8	21	8	0.31
RN05BE	22	15	8	21	8	0.31
N05A	330	226	145	331	145	0.17
LN05AD(1)	*	*	*	7	12	0.17

Notes: (1) Retention based on future development

Route ID	100yr-6hr Flow (cfs)	100yr-24hr Flow (cfs)	10yr-6hr Flow (cfs)	Future 100yr-6hr Flow (cfs)	Future 10yr-6hr Flow (cfs)	Total Area (sq mi)
LN05A(1)	*	*	*	331	145	0.17
N05	393	263	180	469	226	0.28
LN05D(1)	*	*	*	8	6	0.28
LN05(1)	*	*	*	469	226	0.28
CN05	5779	7099	2287	5652	1803	53.65
RN05	5775	7074	2281	5623	1794	53.65
DN05BX	199	133	76	187	70	0.31
RN05BS	198	130	75	183	67	0.31
N04A	101	69	45	97	42	0.07
CN04A	5869	7191	2318	5696	1807	53.72
RN04A	5832	7153	2310	5649	1805	53.72
N04	1090	457	454	1109	476	0.83
LN04D	426	88	426	817	476	0.83
LN04	1090	457	454	1109	426	0.83
CN04	5938	7461	2362	5705	1803	54.54
RN04	5936	7438	2359	5705	1803	54.54
S01G	469	324	214	473	212	0.28
RS01G	446	263	199	401	164	0.28
S01D	569	396	211	556	194	0.63
CS01D	941	645	378	891	334	0.91
RS01D	925	603	373	835	318	0.91
S01H	329	220	121	327	89	0.32
RS01H	323	209	120	309	87	0.32
S01E	342	235	130	345	128	0.23
CS01E	575	374	219	558	164	0.55
RS01E	566	358	216	534	158	0.55
S01C	526	359	208	545	215	0.4
CS01C	1599	1174	613	1494	526	1.87
RS01C	1596	1172	612	1487	524	1.87
S01I	333	228	137	329	132	0.23
RS01I	323	210	135	307	124	0.23
S01F	184	125	65	192	67	0.15
CS01F	494	321	198	484	187	0.38
RS01F	483	299	193	452	173	0.38
S01B	468	317	193	470	186	0.31
CS01B	2085	1632	796	1968	699	2.56
RS01B	2077	1615	794	1952	692	2.56
S01A	342	228	124	363	98	0.35
CS01A	2254	1796	850	2142	743	2.91
RS01A	2244	1785	849	2129	738	2.91
S01	221	148	85	220	65	0.26
LS01D(1)	*	*	*	4	3	0.26
LS01(1)	*	*	*	220	65	0.26
CS01	2374	1914	895	2258	774	3.16
RS01	2373	1911	894	2256	773	3.16

Notes: (1) Retention based on future development

Route ID	100yr-6hr Flow (cfs)	100yr-24hr Flow (cfs)	10yr-6hr Flow (cfs)	Future 100yr-6hr Flow (cfs)	Future 10yr-6hr Flow (cfs)	Total Area (sq mi)
CN03*	6767	8577	2668	6256	1902	57.71
RN03*	6751	8518	2653	6238	1899	57.71
N03A	351	234	130	360	111	0.39
LN03AD(1)	*	*	*	5	3	0.39
LN03A(1)	*	*	*	360	111	0.39
RN03A	347	233	130	352	111	0.39
N03B	723	522	279	996	463	0.63
LN03BD(1)	*	*	*	965	463	0.63
LN03B(1)	*	*	*	983	301	0.63
RN03B	720	521	279	977	295	0.63
N03	464	316	184	569	211	0.6
LN03D(1)	*	*	*	319	209	0.6
LN03(1)	*	*	*	569	208	0.6
CN03	7052	8941	2753	6392	1928	59.33
RN03	7041	8898	2752	6382	1915	59.33
N02B	183	121	64	357	173	0.15
LN02BD	153	101	64	357	173	0.15
LN02B	183	121	55	298	4	0.15
CN02B	7050	8916	2753	6388	1915	59.48
RN02B	7044	8894	2750	6380	1915	59.48
N02	994	744	356	1037	415	0.76
LN02D(1)	*	*	*	30	66	0.76
LN02(1)	*	*	*	1037	415	0.76
N02A	361	237	149	285	107	0.18
CN02	7092	8974	2767	6421	1924	60.42
S20A	247	173	118	247	117	0.16
RS20A	245	172	117	244	116	0.16
S20	231	162	111	230	111	0.14
CS20	466	323	225	465	222	0.3
RS20	464	322	224	461	221	0.3
A05A	260	181	122	256	119	0.14
RA05A	249	156	113	239	106	0.14
A99N	341	235	160	345	162	0.16
CA99N	875	532	397	849	390	0.6
DRA09S	1	0	0	1	0	0.07
RA09SW	0	0	0	0	0	0.07
A99Y	410	277	110	474	82	0.32
CA99Y	410	277	110	474	82	0.32
A99X	723	487	345	430	65	0.26
LA99XD(1)	*	*	*	226	65	0.26
LA99X(1)	*	*	*	430	62	0.26
DRA09Q	1	1	1	1	0	0.47
RA09QW	1	0	0	1	0	0.47
A10A	423	293	160	455	55	0.19
CA10A	393	293	146	423	52	0.65

Notes: (1) Retention based on future development

Route ID	100yr-6hr Flow (cfs)	100yr-24hr Flow (cfs)	10yr-6hr Flow (cfs)	Future 100yr-6hr Flow (cfs)	Future 10yr-6hr Flow (cfs)	Total Area (sq mi)
RA10A	355	239	132	350	50	0.65
A10	551	365	219	621	318	0.21
LA10D(1)	*	*	*	116	139	0.21
LA10(1)	*	*	*	621	318	0.21
CA10	631	507	208	719	263	0.87
DUMMY2	7165	9118	2783	6449	1939	62.47
DRX11I	58	9	0	36	0	1.34
RX11W	54	7	0	30	0	1.34
A99V	396	276	134	443	179	0.21
CA99V	396	276	134	443	179	0.21
DRA09L	1	1	0	1	0	1.13
RA09LW	1	1	0	1	0	1.13
A99W	312	218	109	350	137	0.22
LA99WD	304	197	109	350	137	0.22
LA99W	311	199	67	343	65	0.22
CA99W	311	199	67	343	65	0.22
A99U	100	64	26	112	12	0.07
A99S	66	44	15	94	34	0.08
LA99SD(1)	*	*	*	94	34	0.08
LA99S(1)	*	*	*	75	4	0.08
A08A	86	56	27	87	24	0.14
RA08A	85	54	27	84	24	0.14
A99R	88	58	33	100	45	0.04
RA99R	73	41	27	70	28	0.04
A08	218	151	92	227	107	0.08
CA08	227	158	95	248	111	0.25
DUMMY3	7176	9164	2780	6451	1939	63.29
A99P	959	682	375	991	390	0.57
LA99PD(1)	*	*	*	22	60	0.57
LA99P(1)	*	*	*	991	390	0.57
A05	368	252	170	375	180	0.13
A99O	299	201	147	303	154	0.1
A99M	193	140	110	199	113	0.06
A99L	255	184	138	256	141	0.08
DUMMY4	7197	9203	2787	6459	1938	64.24
A99K	240	162	111	243	112	0.11
A99J	242	164	109	235	102	0.14
A99I	319	212	139	308	127	0.14
A04A	412	282	176	398	70	0.22
RA04A	392	264	170	365	69	0.22
A04	124	75	31	133	42	0.08
CA04	499	337	201	483	83	0.3
RA04	463	274	190	406	78	0.3
A03D	96	58	17	119	24	0.13
LA03DD(1)	*	*	*	119	24	0.13

Notes: (1) Retention based on future development

Route ID	100yr-6hr Flow (cfs)	100yr-24hr Flow (cfs)	10yr-6hr Flow (cfs)	Future 100yr-6hr Flow (cfs)	Future 10yr-6hr Flow (cfs)	Total Area (sq mi)
LA03D(1)	*	*	*	86	0	0.13
CA03D	557	330	198	422	78	0.43
RA03D	520	256	189	342	69	0.43
A03E	216	144	80	216	82	0.15
LA03ED(1)	*	*	*	4	7	0.15
LA03E(1)	*	*	*	216	82	0.15
RA03E	208	137	78	202	78	0.15
A03B	153	97	50	161	62	0.07
LA03BD(1)	*	*	*	139	62	0.07
LA03B(1)	*	*	*	161	16	0.07
CA03B	304	193	108	307	91	0.23
RA03B	267	161	100	235	73	0.23
A03A	249	156	72	271	101	0.14
LA03AD(1)	*	*	*	270	101	0.14
LA03A(1)	*	*	*	254	1	0.14
CA03A	308	191	125	276	73	0.37
RA03A	303	183	122	264	68	0.37
A03	179	112	41	265	73	0.28
LA03D(1)	*	*	*	265	73	0.28
LA03(1)	*	*	*	216	5	0.28
CA03	824	540	258	628	108	1.07
DUMMY5	7299	9430	2830	6522	1965	65.69
A99G	63	44	29	66	33	0.02
LA99GD	62	44	29	65	33	0.02
LA99G	63	21	0	66	0	0.02
A99H	35	21	8	50	14	0.1
LA99HD	35	21	8	50	14	0.1
LA99H	18	2	0	38	0	0.1
RA99H	10	1	0	21	0	0.1
A02D	154	100	57	163	68	0.06
LA02DD	148	97	57	152	68	0.06
LA02D	154	48	0	163	7	0.06
RA02D	107	15	0	112	2	0.06
A99F	37	23	11	46	15	0.11
CA99F	109	23	11	115	16	0.28
A02	32	20	10	24	2	0.02
A01H	195	133	92	192	88	0.07
LA01HD	192	132	92	188	88	0.07
LA01H	195	67	0	192	0	0.07
A99E	74	53	39	74	38	0.02
LA99ED	71	51	39	71	38	0.02
LA99E	74	52	4	74	0	0.02
DUMMY6	7298	9442	2830	6522	1965	66.1
A99B	143	94	64	128	51	0.05
A99C	74	50	32	72	29	0.03

Notes: (1) Retention based on future development

Route ID	100yr-6hr Flow (cfs)	100yr-24hr Flow (cfs)	10yr-6hr Flow (cfs)	Future 100yr-6hr Flow (cfs)	Future 10yr-6hr Flow (cfs)	Total Area (sq mi)
LA99CD	72	49	32	70	29	0.03
LA99C	74	25	0	72	0	0.03
A99D	91	65	47	90	45	0.03
LA99DD	88	42	47	68	44	0.03
LA99D	91	65	41	90	43	0.03
A01A	97	61	33	68	8	0.05
RA01A	82	43	27	51	7	0.05
A01	274	172	79	175	41	0.2
LA01DD(1)	*	*	*	175	41	0.2
LA01D(1)	*	*	*	143	0	0.2
CA01	337	204	104	185	7	0.25
A99A	366	253	184	340	160	0.13
LA99AD	351	234	184	334	160	0.13
LA99A	366	171	0	328	0	0.13
A99	161	96	38	103	23	0.14
LA99D(1)	*	*	*	103	23	0.14
LA99(1)	*	*	*	85	0	0.14
DUMMY7	7322	9523	2828	6512	1964	66.72
A01E	218	149	112	204	99	0.08
A01EI	131	89	67	122	60	0.08
DA01E	87	60	45	82	40	0.08
RA01ES	49	25	25	39	19	0.08
N01A	570	349	166	365	98	0.41
LN01AD(1)	*	*	*	365	98	0.41
LN01A(1)	*	*	*	302	0	0.41
RN01A	534	301	159	236	0	0.41
N01	951	273	380	803	319	0.65
CN01	1019	570	328	715	277	1.14
A03C	529	354	195	549	207	0.33
LA03CD (1)	*	*	*	37	63	0.33
LA03C (1)	*	*	*	549	207	0.33
RA03C	501	318	187	488	183	0.33
A02B	760	497	344	757	344	0.27
LA02BD(1)	*	*	*	327	315	0.27
LA02B(1)	*	*	*	757	344	0.27
RA02B	702	464	328	662	231	0.27
CA02A*	941	632	358	915	294	0.6
RA02A*	869	535	334	759	240	0.6
A02A	530	367	163	789	222	0.61
LA02AD(1)	*	*	*	789	222	0.61
LA02A(1)	*	*	*	674	44	0.61
A01G	599	428	333	596	328	0.19
LA01GD	585	425	333	590	328	0.19
LA01G	599	294	0	596	0	0.19
CA01G	932	725	330	955	236	1.39

Notes: (1) Retention based on future development

Route ID	100yr-6hr Flow (cfs)	100yr-24hr Flow (cfs)	10yr-6hr Flow (cfs)	Future 100yr-6hr Flow (cfs)	Future 10yr-6hr Flow (cfs)	Total Area (sq mi)
RA01G	904	708	252	830	151	1.39
A02C	462	309	169	429	156	0.33
LA02CD	460	309	169	429	156	0.33
LA02C	446	276	85	414	74	0.33
RA02C	334	132	58	200	29	0.33
A01F	436	293	165	368	133	0.28
LA01FD	324	159	165	332	133	0.28
LA01F	436	293	149	368	102	0.28
CA01F	416	290	131	353	90	0.61
RA01F	387	289	109	320	70	0.61
A01D	520	349	238	440	186	0.21
LA01DD	520	349	238	440	186	0.21
LA01D	453	193	0	362	0	0.21
DRA01E	131	89	67	122	60	0.08
RA01EW	124	79	63	108	52	0.08
CA01D	640	486	101	534	64	0.82
RA01D	555	414	85	428	52	0.82
A01C	472	312	225	458	210	0.22
LA01CD	472	305	225	458	210	0.22
LA01C	424	253	25	382	6	0.22
A01B	357	234	131	289	32	0.15
LA01BD	337	234	131	289	32	0.15
LA01B	357	100	0	252	0	0.15
CA01B	1379	1191	242	1125	147	2.58

Notes: (1) Retention based on future development

ACDC SUB-AREA MODEL

TABLE HY-1
SUMMARY OF HEC-1 FLOWS

Existing Conditions					Future Conditions			
Route ID	100yr-24hr Flow (cfs)	100yr-6hr Flow (cfs)	10yr-6hr Flow (cfs)	Total Area (sq. mi.)	Route ID	100yr-6hr Flow (cfs)	10yr-6hr Flow (cfs)	Total Area (sq. mi.)
R381	864	656	273	1.61	R370	675	310	1.61
381101	855	655	259	1.61	370101	670	300	1.61
C386A	401	323	259	0.53	C371A	335	186	0.53
C386AR	379	317	259	0.53	C371AR	335	186	0.53
DC386A	401	323	214	0.53	DC371A	322	107	0.53
C101	1251	978	473	2.14	C101	917	300	2.14
D101S	171	130	55	2.14	D101S	121	32	2.14
D101W	1080	848	418	2.14	D101W	797	269	2.14
101102	1045	831	385	2.14	101102	768	264	2.14
C386B	371	322	256	0.54	C371B	333	269	0.54
C386BR	246	255	256	0.54	C371BR	300	269	0.54
DC386B	371	322	253	0.54	DC371B	333	255	0.54
C102	1409	1150	584	2.68	C102	1080	480	2.68
D102S	737	607	324	2.68	D102S	572	272	2.68
D102W	673	543	260	2.68	D102W	508	208	2.68
102103	663	537	253	2.68	102103	500	191	2.68
C401A	137	102	94	0.14	C373A	120	122	0.14
C401AR	96	84	94	0.14	C373AR	120	122	0.14
DC401A	137	102	91	0.14	DC373A	117	71	0.14
C103	739	609	278	2.82	C103	576	220	2.82
D103S	82	69	33	2.82	D103S	54	5	2.82
D103W	657	540	245	2.82	D103W	523	215	2.82
103104	648	534	241	2.82	103104	509	214	2.82
C401B	99	69	69	0.1	C373B	73	73	0.1
C401BR	6	30	56	0.1	C373BR	54	73	0.1
DC401B	99	69	69	0.1	DC373B	73	70	0.1
C104	687	570	252	2.92	C104	556	229	2.92
D104W	326	264	105	2.92	D104W	260	97	2.92
D104S	362	306	147	2.92	D104S	296	133	2.92
104105	347	301	139	2.92	104105	288	128	2.92
C390B	225	168	166	0.2	C385B	169	168	0.2
C390BR	40	88	135	0.2	C385BR	89	138	0.2
DC390B	225	168	166	0.2	DC385B	169	168	0.2
C105	414	376	179	3.12	DZ107	79	79	0
D105W	136	106	7	3.12	C105E	248	225	0.2
D105S	278	270	172	3.12	C105	456	228	3.12
105112	277	269	166	3.12	D105W	42	12	3.12
D101S	171	130	55	0	D105S	414	217	3.12
101106	168	122	45	0	105112	408	211	3.12
D102S	737	607	324	0	D101S	121	32	0
102106	717	596	310	0	101106	117	30	0
C387A	381	293	287	0.35	D102S	572	272	0
C387AR	381	293	287	0.35	102106	554	272	0
DC387A	352	288	181	0.35	C384A	301	300	0.35
C106	1109	927	409	0.35	C384AR	301	300	0.35

TABLE HY-1
SUMMARY OF HEC-1 FLOWS

Existing Conditions					Future Conditions			
Route ID	100yr-24hr Flow (cfs)	100yr-6hr Flow (cfs)	10yr-6hr Flow (cfs)	Total Area (sq. mi.)	Route ID	100yr-6hr Flow (cfs)	10yr-6hr Flow (cfs)	Total Area (sq. mi.)
D106S	586	496	237	0.35	DC384A	270	122	0.35
D106W	522	432	173	0.35	C106	852	364	0.35
106107	527	428	169	0.35	D106S	748	329	0.35
D103S	82	69	33	0	D106W	104	35	0.35
103107	87	68	33	0	106107	99	30	0.35
C390A	271	221	196	0.3	D103S	54	5	0
C390AR	3	9	22	0.3	103107	54	3	0
DC390A	271	221	196	0.3	C385A	227	205	0.3
C107	718	659	238	0.65	C385AR	131	178	0.3
D107S	364	334	124	0.65	DC385A	227	205	0.3
D107W	354	324	114	0.65	C107	223	126	0.65
107112	353	321	111	0.65	DZ107	79	79	0.65
R382	2907	2427	1012	0	C107	223	126	0.65
D382S	1550	1310	603	0	D107S	117	68	0.65
D382W	1357	1117	410	0	D107W	107	58	0.65
382108	1351	1112	395	0	107112	103	58	0.65
C387B	183	136	92	0.34	R383	2312	1010	0
C387BR	1	4	2	0.34	D383S	1252	602	0
DC387B	183	136	92	0.34	D383W	1059	409	0
C108	1530	1249	475	0.34	383108	1058	404	0
D108S	246	198	67	0.34	C384B	136	92	0.34
D108W	1284	1051	408	0.34	C384BR	4	2	0.34
108109	1270	1044	394	0.34	DC384B	136	92	0.34
D106S	586	496	237	0	C108	1193	486	0.34
106109	555	487	229	0	D108S	143	25	0.34
C387C	209	171	145	0.25	D108W	1050	461	0.34
C387CR	3	8	23	0.25	108109	1036	455	0.34
DC387C	209	171	145	0.25	D106S	748	329	0
C109	1932	1638	656	0.59	106109	725	310	0
D109S	1098	985	494	0.59	C384C	171	145	0.25
D109W	834	653	162	0.59	C384CR	8	23	0.25
109110	825	644	159	0.59	DC384C	171	145	0.25
C390C	84	66	60	0.09	C109	1776	792	0.59
C390CR	3	15	34	0.09	D109S	1020	528	0.59
DC390C	84	66	60	0.09	D109W	756	264	0.59
C110	877	697	180	0.68	109110	754	261	0.59
D110S	161	125	38	0.68	C385C	66	60	0.09
D110W	716	572	142	0.68	C385CR	15	34	0.09
110111	712	569	141	0.68	DC385C	66	60	0.09
D107S	364	334	124	0	C110	805	282	0.68
107111	364	331	122	0	D110S	141	39	0.68
C390D	61	46	39	0.07	D110W	664	243	0.68
C111	1105	918	272	0.76	110111	663	240	0.68
D111S	207	170	51	0.76	D107S	117	68	0
D111W	898	749	221	0.76	107111	110	66	0

TABLE HY-1
SUMMARY OF HEC-1 FLOWS

Existing Conditions					Future Conditions			
Route ID	100yr-24hr Flow (cfs)	100yr-6hr Flow (cfs)	10yr-6hr Flow (cfs)	Total Area (sq. mi.)	Route ID	100yr-6hr Flow (cfs)	10yr-6hr Flow (cfs)	Total Area (sq. mi.)
111112	888	745	219	0.76	C385D	46	39	0.07
C390E	201	164	141	0.23	C111	783	264	0.76
C390ER	1	3	2	0.23	D111S	122	26	0.76
DC390E	201	164	141	0.23	D111W	661	238	0.76
C112E	1006	860	266	0.99	111112	660	236	0.76
C112	1359	1181	367	1.63	C385E	167	145	0.23
D112W	477	388	0	1.63	C385ER	8	25	0.23
D112S	881	792	367	1.63	DC385E	167	145	0.23
112113	877	791	366	1.63	C112E	777	275	0.99
C406D	51	37	52	0.03	C112	863	312	1.63
C113	878	794	366	1.67	D112W	229	0	1.63
D105W	136	106	7	0	D112S	633	312	1.63
105114	137	103	3	0	112113	633	310	1.63
C406A	94	65	60	0.1	C394D	37	52	0.03
C406AR	88	65	60	0.1	C113	635	310	1.67
DC406A	92	63	34	0.1	D105W	42	12	0
C114	163	131	36	0.1	105114	43	11	0
D114W	76	61	13	0.1	C394A	76	74	0.1
D114S	86	71	23	0.1	C394AR	76	74	0.1
114115	79	68	19	0.1	DC394A	70	33	0.1
C406B	58	48	40	0.07	C114	86	44	0.1
C115	121	99	42	0.17	D114W	38	17	0.1
D115W	60	49	21	0.17	D114S	48	27	0.1
D115S	60	49	21	0.17	114115	45	24	0.1
115116	60	49	20	0.17	C394B	48	40	0.07
D112W	477	388	0	0	C115	89	44	0.17
112116	480	388	0	0	D115W	44	22	0.17
C406C	50	43	35	0.07	D115S	44	22	0.17
C406R	1	5	14	0.07	115116	44	20	0.17
DC406C	50	43	35	0.07	D112W	229	0	0
C116	563	465	55	0.24	112116	229	0	0
D116W	195	145	16	0.24	C394C	43	35	0.07
D116S	369	319	39	0.24	C394CR	43	14	0.07
D114W	76	61	13	0	DC394C	43	35	0.07
114117	71	60	10	0	C116	300	55	0.24
C406E	33	23	18	0.05	D116W	63	16	0.24
C406ER	33	23	18	0.05	D116S	237	39	0.24
DC406E	31	21	10	0.05	D114W	38	17	0
C117	94	76	18	0.05	114117	36	13	0
D117W	25	23	2	0.05	C394E	23	18	0.05
D117S	69	53	16	0.05	C394ER	23	18	0.05
117118	61	53	18	0.05	DC394E	21	10	0.05
D115W	60	49	21	0	C117	57	23	0.05
115118	61	49	20	0	D117W	20	5	0.05
D116W	195	145	16	0	D117S	37	18	0.05

TABLE HY-1
SUMMARY OF HEC-1 FLOWS

Existing Conditions					Future Conditions			
Route ID	100yr-24hr Flow (cfs)	100yr-6hr Flow (cfs)	10yr-6hr Flow (cfs)	Total Area (sq. mi.)	Route ID	100yr-6hr Flow (cfs)	10yr-6hr Flow (cfs)	Total Area (sq. mi.)
116118	190	142	16	0	117118	32	16	0.05
C406F	77	57	46	0.1	D115W	44	22	0
C118	321	265	81	0.16	115118	45	22	0
D117W	25	23	2	0	D116W	63	16	0
117119	24	22	0	0	116118	61	16	0
C406G	47	34	23	0.11	C394F	57	46	0.1
C406GR	45	34	23	0.11	C118	159	81	0.16
DC406G	46	34	19	0.11	D117W	20	5	0
C119	66	52	19	0.11	117119	19	2	0
C406H	89	58	41	0.27	C394G	32	23	0.11
INTRM1	1689	1463	508	2.44	C394GR	32	23	0.11
D382S	1550	1310	603	0	DC394G	17	0	0.11
382120	1501	1292	579	0	C119	20	2	0.11
D120S	971	660	357	0	C394H	66	50	0.27
D120W	530	631	222	0	C394HR	66	50	0.27
120121	517	624	214	0	DC394H	65	39	0.27
D108S	246	198	67	0	INTRM1	1113	415	2.44
108121	236	194	64	0	D383S	1252	602	0
C388A	177	135	105	0.26	383120	1237	592	0
C121	892	943	342	0.26	D120S	813	428	0
D121S	445	471	166	0.26	D120W	425	164	0
D121W	447	472	176	0.26	120121	417	161	0
121123	445	470	175	0.26	D108S	143	25	0
D109S	1098	985	494	0	108121	136	22	0
109122	1095	982	493	0	C392A	135	105	0.26
D122W	122	74	16	0	C121	677	227	0.26
D122S	973	908	477	0	D121S	285	60	0.26
122123	967	907	476	0	D121W	393	167	0.26
C388B	346	244	225	0.34	121123	391	165	0.26
C388BR	325	243	225	0.34	D109S	1020	528	0
DC388B	344	243	169	0.34	109122	1019	526	0
C123	1522	1511	686	0.6	D122W	109	28	0
D123W	263	216	60	0.6	D122S	910	498	0
D123S	1259	1295	626	0.6	122123	907	494	0
123126	1250	1293	625	0.6	C392B	263	252	0.34
DT383	999	817	395	0.99	C392BR	263	252	0.34
RM383	1465	1285	579	1.98	DC392B	250	125	0.34
D120S	971	660	357	0	C123	1434	695	0.6
120383	970	658	356	0	D123W	246	98	0.6
C383	3066	2540	1167	2.97	D123S	1188	597	0.6
D383S	1630	1367	680	2.97	123126	1187	596	0.6
D383W	1437	1174	487	2.97	DT391	759	365	0.99
383124	1434	1173	485	2.97	RM391	1166	519	1.98
C388C	58	43	16	0.05	D120S	813	428	0
C388CR	5	21	16	0.05	120391	810	425	0

TABLE HY-1
SUMMARY OF HEC-1 FLOWS

Existing Conditions					Future Conditions			
Route ID	100yr-24hr Flow (cfs)	100yr-6hr Flow (cfs)	10yr-6hr Flow (cfs)	Total Area (sq. mi.)	Route ID	100yr-6hr Flow (cfs)	10yr-6hr Flow (cfs)	Total Area (sq. mi.)
DC388C	58	43	16	0.05	C391	2563	1097	2.97
C124	1466	1208	497	3.02	D391S	1378	645	2.97
D124S	185	150	93	3.02	D391W	1185	452	2.97
D124W	1280	1059	404	3.02	391124	1184	452	2.97
124125	1275	1057	400	3.02	C392C	43	16	0.05
D121S	445	471	166	0	C392CR	21	16	0.05
121125	441	470	165	0	DC392C	43	16	0.05
C388D	135	109	88	0.19	C124	1219	467	3.02
C388DR	5	30	58	0.19	D124S	151	51	3.02
DC388D	135	109	88	0.19	D124W	1068	417	3.02
C125	1792	1613	595	3.21	124125	1063	416	3.02
D125S	233	203	52	3.21	D121S	285	60	0
D125W	1559	1410	544	3.21	121125	283	52	0
125126	1557	1407	542	3.21	C392D	109	88	0.19
C388E	99	75	59	0.15	C392DR	30	58	0.19
C388ER	64	67	59	0.15	DC392D	109	88	0.19
DC388E	99	75	55	0.15	C125	1412	484	3.21
C126	2863	2750	1185	3.96	D125S	176	39	3.21
D126W	1720	1664	881	3.96	D125W	1236	445	3.21
D126S	1142	1086	303	3.96	125126	1227	441	3.21
126127	1129	1084	302	3.96	C392E	87	73	0.15
C389C	76	56	59	0.07	C392ER	83	73	0.15
C389CR	76	56	59	0.07	DC392E	87	65	0.15
DC389C	68	50	22	0.07	C126	2471	1065	3.96
C127	1153	1117	312	4.03	D126W	1525	821	3.96
C391M	21	16	23	0.01	D126S	947	243	3.96
C128	1155	1120	312	4.05	126127	943	242	3.96
C391L	25	18	24	0.02	C401C	56	59	0.07
C391LR	22	18	24	0.02	C401CR	56	59	0.07
DC391L	25	17	10	0.02	DC401C	50	22	0.07
D126W	1720	1664	881	0	C127	975	250	4.03
126129	1715	1663	881	0	C393M	16	23	0.01
C129	1718	1667	882	0.02	C128	977	251	4.05
C391I	50	37	32	0.06	C393L	18	24	0.02
D123W	263	216	60	0	C393LR	18	24	0.02
123132	262	215	60	0	DC393L	17	10	0.02
C132	285	241	70	0.06	D126W	1525	821	0
D132S	148	125	37	0.06	126129	1522	821	0
D132W	137	116	33	0.06	C129	1527	822	0.02
132133	137	116	33	0.06	C393I	37	32	0.06
C391J	9	6	6	0.01	D123W	246	98	0
C133	140	119	34	0.07	123132	246	98	0
D132S	148	125	37	0	C132	272	107	0.06
C391K	21	14	13	0.03	D132S	141	56	0.06
C130	156	134	44	0.03	D132W	131	51	0.06

TABLE HY-1
SUMMARY OF HEC-1 FLOWS

Existing Conditions					Future Conditions			
Route ID	100yr-24hr Flow (cfs)	100yr-6hr Flow (cfs)	10yr-6hr Flow (cfs)	Total Area (sq. mi.)	Route ID	100yr-6hr Flow (cfs)	10yr-6hr Flow (cfs)	Total Area (sq. mi.)
C391E	79	61	55	0.09	132133	130	50	0.06
INTRM2	3204	3085	1285	4.24	C393J	6	6	0.01
C391A	90	75	65	0.11	C133	134	51	0.07
C391AR	41	51	63	0.11	D132S	141	56	0
DC391A	90	75	65	0.11	C393K	14	13	0.03
D110S	161	125	38	0	C130	150	59	0.03
110136	160	125	38	0	C393E	61	55	0.09
D122W	122	74	16	0	INTRM2	2829	1197	4.24
122136	125	72	15	0	C393A	75	65	0.11
C391B	49	38	34	0.06	C393AR	51	63	0.11
D135W	20	14	12	0.06	DC393A	75	65	0.11
D135S	30	24	22	0.06	D110S	141	39	0
135136	30	24	22	0.06	110136	141	34	0
C136	364	272	101	0.16	D122W	109	28	0
D136W	339	247	76	0.16	122136	109	24	0
D136S	25	25	25	0.16	C393B	38	34	0.06
136137	31	29	23	0.16	D135W	14	12	0.06
C391F	21	16	16	0.02	D135S	24	22	0.06
C137	51	45	31	0.18	135136	24	22	0.06
C391G	18	14	12	0.02	C136	325	88	0.16
D136W	339	247	76	0	D136W	270	88	0.16
136138	341	246	73	0	D136S	54	0	0.16
C138	351	256	83	0.02	136137	53	0	0.16
C391C	53	45	39	0.07	C393F	16	16	0.02
D111S	207	170	51	0	C137	61	16	0.18
111139	205	169	51	0	C393G	14	12	0.02
D139W	30	24	6	0	D136W	270	88	0
D139S	175	144	45	0	136138	270	88	0
139140	175	144	44	0	C138	280	99	0.02
D140S	87	72	22	0	C393C	45	39	0.07
D140W	87	72	22	0	D111S	122	26	0
140141	87	72	22	0	111139	121	22	0
C141	121	106	51	0.07	D139W	17	2	0
C391H	45	34	32	0.05	D139S	104	20	0
D135W	20	14	12	0	139140	104	20	0
135142	20	14	12	0	D140S	52	10	0
D140S	87	72	22	0	D140W	52	10	0
140142	86	72	22	0	140141	52	10	0
C142	112	102	49	0.05	C141	85	39	0.07
C391D	29	23	21	0.03	C393H	34	32	0.05
D139W	30	24	6	0	D135W	14	12	0
139143	30	24	6	0	135142	14	12	0
C143	42	38	21	0.03	D140S	52	10	0
C391N	37	38	27	0.14	140142	52	10	0
C144	3879	3608	1448	4.73	C142	81	42	0.05

TABLE HY-1
SUMMARY OF HEC-1 FLOWS

Existing Conditions					Future Conditions			
Route ID	100yr-24hr Flow (cfs)	100yr-6hr Flow (cfs)	10yr-6hr Flow (cfs)	Total Area (sq. mi.)	Route ID	100yr-6hr Flow (cfs)	10yr-6hr Flow (cfs)	Total Area (sq. mi.)
DT384	913	745	331	2.95	C393D	23	21	0.03
RM384	1450	1295	557	0.99	D139W	17	2	0
D383S	1630	1367	680	0	139143	17	2	0
383384	1616	1348	666	0	C143	31	21	0.03
C384	3509	3150	1409	3.94	C393N	38	27	0.14
C389A	254	212	181	0.29	C144	3355	1309	4.73
C389AR	7	36	88	0.29	DT400	757	374	2.95
DC389A	254	212	181	0.29	RM400	1206	504	0.99
D124S	185	150	93	0	D391S	1378	645	0
124145	183	149	92	0	391400	1367	643	0
C145	353	336	200	0.29	C400	3049	1299	3.94
C389D	33	24	24	0.03	C401A	212	181	0.29
C389B	110	90	80	0.13	C401AR	36	88	0.29
C389BR	82	79	80	0.13	DC401A	212	181	0.29
DC389B	110	90	77	0.13	D124S	151	51	0
D125S	233	203	52	0	124145	149	51	0
125147	232	203	49	0	C145	325	181	0.29
C147	295	275	79	0.13	C401D	24	24	0.03
C389E	67	47	53	0.05	C401B	90	80	0.13
C389F	26	26	19	0.11	C401BR	79	80	0.13
C149	4145	3789	1694	4.55	DC401B	90	76	0.13
C150	9306	8362	3366	11.72	D125S	176	39	0
					125147	173	39	0
					C147	242	76	0.13
					C401E	47	53	0.05
					C401F	26	19	0.11
					C149	3625	1475	4.55
					C150	7644	2878	11.72

APPENDIX F. HYDRAULIC ANALYSIS SUPPORTING DOCUMENTATION

Hydraulic analysis for split flows, retention volumes, and stage discharge are included in **Appendix E.**

APPENDIX G. 100-YR, 24-HR EXISTING CONDITIONS HEC-1 OUTPUT

AGUA FRIA, NEW RIVER, AND SUN CITY SUB-AREA MODEL

RUNOFF SUMMARY
FLOW IN CUBIC FEET PER SECOND
TIME IN HOURS, AREA IN SQUARE MILES

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+	HYDROGRAPH AT	N21K	384.	12.00	27.	7.	4.	0.23
+	DIVERSION TO	N21KI*	139.	12.00	16.	4.	2.	0.23
+	HYDROGRAPH AT	DN21KL	244.	12.00	11.	3.	2.	0.23
+	DIVERSION TO	N21KI	98.	12.00	5.	1.	1.	0.23
+	HYDROGRAPH AT	DN21KO	146.	12.00	6.	2.	1.	0.23
+	ROUTED TO	RN21KS	89.	12.25	6.	2.	1.	0.23
+	HYDROGRAPH AT	N21I	135.	12.33	23.	6.	3.	0.28
+	DIVERSION TO	LN21ID	31.	12.00	2.	1.	0.	0.28
+	HYDROGRAPH AT	LN21I	135.	12.33	22.	5.	3.	0.28
+	2 COMBINED AT	CN21I*	220.	12.33	28.	7.	4.	0.50
+	HYDROGRAPH AT	N21J	375.	12.08	30.	8.	5.	0.23
	HYDROGRAPH AT	DR21K*	139.	12.00	16.	4.	2.	0.23
+	ROUTED TO	LN21K	0.	0.08	0.	0.	0.	0.23
+	HYDROGRAPH AT	DRN21K	98.	12.00	5.	1.	1.	0.23
+	ROUTED TO	RN21KE	69.	12.17	5.	1.	1.	0.23
+	3 COMBINED AT	CN21J	416.	12.08	34.	9.	5.	0.46
+	DIVERSION TO	N21JI	129.	12.08	10.	3.	2.	0.46
+	HYDROGRAPH AT	DN21JO	288.	12.08	24.	6.	4.	0.46
+	ROUTED TO	RN21JS	221.	12.33	24.	6.	4.	0.46
+	HYDROGRAPH AT	N21Z	173.	12.08	17.	4.	3.	0.11
+	DIVERSION TO	LN21ZD	108.	12.00	5.	1.	1.	0.11
+	HYDROGRAPH AT	LN21Z	173.	12.08	12.	3.	2.	0.11
+	2 COMBINED AT	CN21Z	349.	12.25	35.	9.	5.	0.57
	DIVERSION TO	N21ZI	3.	12.25	0.	0.	0.	0.57
+	HYDROGRAPH AT	DN21ZO	347.	12.25	35.	9.	5.	0.57

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	DIVERSION TO	N21ZI*	5.	12.25	0.	0.	0.	0.57
+	HYDROGRAPH AT	DN21Z*	342.	12.25	35.	9.	5.	0.57
+	ROUTED TO	RN21ZW	300.	12.42	35.	9.	5.	0.57
+	HYDROGRAPH AT	N11P	400.	12.17	25.	6.	4.	0.38
+	ROUTED TO	RN11P	301.	12.33	25.	6.	4.	0.38
+	HYDROGRAPH AT	N11L	205.	12.17	21.	5.	3.	0.29
+	2 COMBINED AT	CN11L	466.	12.33	45.	12.	7.	0.68
+	DIVERSION TO	N11LI	436.	12.33	40.	10.	6.	0.68
+	HYDROGRAPH AT	DN11L	30.	12.08	5.	1.	1.	0.68
+	ROUTED TO	RN11LE	27.	13.17	5.	1.	1.	0.68
+	3 COMBINED AT	CN21I	498.	12.33	67.	18.	10.	0.85
+	ROUTED TO	RN21I	446.	12.50	67.	18.	10.	0.85
+	HYDROGRAPH AT	N22B	317.	12.08	32.	8.	5.	0.19
+	DIVERSION TO	N22BI	285.	12.08	29.	7.	4.	0.19
+	HYDROGRAPH AT	DN22B	32.	12.08	3.	1.	0.	0.19
+	ROUTED TO	RN22BE	16.	12.33	3.	1.	0.	0.19
+	HYDROGRAPH AT	N21F	113.	12.25	26.	7.	4.	0.10
+	3 COMBINED AT	CN21F	555.	12.50	95.	25.	15.	1.05
+	ROUTED TO	RN21F	522.	12.58	95.	25.	15.	1.05
+	HYDROGRAPH AT	N21G	87.	12.17	16.	4.	2.	0.06
+	HYDROGRAPH AT	DR21Z*	5.	12.25	0.	0.	0.	0.57
+	ROUTED TO	RN21ZS	2.	12.92	0.	0.	0.	0.57
+	2 COMBINED AT	CN21G	87.	12.17	16.	4.	2.	0.06
+	DIVERSION TO	N21GI	1.	12.17	0.	0.	0.	0.06
+	HYDROGRAPH AT	DN21GO	86.	12.17	16.	4.	2.	0.06
	ROUTED TO							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		RN21GS	75.	12.50	16.	4.	2.	0.06
+	HYDROGRAPH AT	N21E	66.	12.25	16.	5.	3.	0.06
+	3 COMBINED AT	CN21E	643.	12.58	126.	34.	20.	1.18
+	ROUTED TO	RN21E	598.	12.75	126.	34.	20.	1.18
+	HYDROGRAPH AT	N21D	106.	12.08	12.	3.	2.	0.05
+	DIVERSION TO	LN21DD	106.	12.08	8.	2.	1.	0.05
+	HYDROGRAPH AT	LN21D	52.	12.25	4.	1.	1.	0.05
+	HYDROGRAPH AT	N22BIX	285.	12.08	29.	7.	4.	0.19
+	ROUTED TO	RN22BS	276.	12.33	29.	7.	4.	0.19
+	HYDROGRAPH AT	N22A	257.	12.17	43.	12.	7.	0.18
+	2 COMBINED AT	CN22A	501.	12.25	71.	19.	11.	0.37
+	DIVERSION TO	N22AI	75.	12.25	11.	3.	2.	0.37
+	HYDROGRAPH AT	DN22A	426.	12.25	60.	16.	10.	0.37
+	ROUTED TO	RN22AE	367.	12.58	60.	16.	10.	0.37
+	3 COMBINED AT	CN21D	924.	12.67	188.	51.	29.	1.60
+	DIVERSION TO	N21DI	139.	12.67	28.	8.	4.	1.60
+	HYDROGRAPH AT	DN21D	785.	12.67	159.	43.	25.	1.60
+	ROUTED TO	RN21DS	686.	13.17	159.	43.	25.	1.60
+	HYDROGRAPH AT	N21C	363.	12.33	78.	22.	13.	0.39
+	DIVERSION TO	LN21CD	6.	9.75	4.	1.	1.	0.39
+	HYDROGRAPH AT	LN21C	363.	12.33	78.	21.	12.	0.39
+	2 COMBINED AT	CN21C	845.	13.08	234.	63.	37.	1.99
+	ROUTED TO	RN21C	844.	13.08	234.	63.	37.	1.99
+	HYDROGRAPH AT	N24Q	71.	12.08	5.	1.	1.	0.04
+	ROUTED TO	RN24Q	39.	12.67	5.	1.	1.	0.04
+	HYDROGRAPH AT	N24R	70.	12.08	6.	2.	1.	0.03

OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
ROUTED TO	RN24R	47.	12.50	6.	2.	1.	0.03
+ HYDROGRAPH AT	N24O	256.	12.17	20.	5.	3.	0.16
+ 3 COMBINED AT	CN24O	287.	12.17	31.	8.	5.	0.22
+ ROUTED TO	RN24O	253.	12.25	31.	8.	5.	0.22
+ HYDROGRAPH AT	N24S	105.	12.08	8.	2.	1.	0.05
+ ROUTED TO	RN24S	58.	12.83	8.	2.	1.	0.05
+ HYDROGRAPH AT	N24T	35.	12.00	3.	1.	0.	0.02
+ ROUTED TO	RN24T	22.	12.58	3.	1.	0.	0.02
+ HYDROGRAPH AT	N24P	199.	12.17	16.	4.	2.	0.12
+ 4 COMBINED AT	CN24P	413.	12.25	56.	15.	8.	0.41
+ ROUTED TO	RN24P	411.	12.25	56.	15.	8.	0.41
+ HYDROGRAPH AT	N24U	238.	12.08	16.	4.	2.	0.11
+ ROUTED TO	RN24U	171.	12.25	16.	4.	2.	0.11
+ 2 COMBINED AT	CN24U*	577.	12.25	72.	19.	11.	0.52
+ ROUTED TO	RN24U*	524.	12.33	72.	19.	11.	0.52
+ HYDROGRAPH AT	N24V	80.	12.08	6.	2.	1.	0.05
+ ROUTED TO	RN24V	43.	12.67	6.	2.	1.	0.05
+ 2 COMBINED AT	CN24V*	538.	12.33	77.	20.	12.	0.57
+ ROUTED TO	RN24V*	510.	12.50	77.	20.	12.	0.57
+ HYDROGRAPH AT	N24M	336.	12.25	29.	7.	4.	0.25
+ 2 COMBINED AT	CN24M	685.	12.42	106.	27.	16.	0.82
+ ROUTED TO	RN24M	664.	12.42	106.	27.	16.	0.82
+ HYDROGRAPH AT	N24L	766.	12.08	52.	14.	8.	0.38
+ ROUTED TO	RN24L	660.	12.17	52.	14.	8.	0.38
+ 2 COMBINED AT	CN24I*	975.	12.25	156.	41.	24.	1.20
ROUTED TO							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		RN24I*	828.	12.58	156.	41.	24.	1.20
+	HYDROGRAPH AT	N24I	174.	12.58	30.	8.	4.	0.30
+	HYDROGRAPH AT	N24H	429.	12.17	48.	15.	9.	0.29
+	HYDROGRAPH AT	N24N	140.	12.25	15.	4.	2.	0.13
+	ROUTED TO	RN24N	103.	12.75	15.	4.	2.	0.13
+	HYDROGRAPH AT	N24J	69.	12.50	12.	3.	2.	0.12
+	2 COMBINED AT	CN24J	155.	12.67	26.	7.	4.	0.25
+	ROUTED TO	RN24J	151.	12.75	26.	7.	4.	0.25
+	HYDROGRAPH AT	N24K	95.	12.67	22.	5.	3.	0.21
+	5 COMBINED AT	CN24I	1296.	12.58	276.	75.	43.	2.25
+	ROUTED TO	RN24I	1282.	12.75	276.	75.	43.	2.25
+	HYDROGRAPH AT	DRN21J	129.	12.08	10.	3.	2.	0.46
+	ROUTED TO	RN21JE	91.	12.50	10.	3.	2.	0.46
+	2 COMBINED AT	CN24G*	1348.	12.67	285.	77.	45.	2.71
+	ROUTED TO	RN24G*	1344.	12.83	285.	77.	45.	2.71
+	HYDROGRAPH AT	N24G	341.	12.50	46.	12.	7.	0.44
+	DIVERSION TO	LN24GD	35.	12.00	1.	0.	0.	0.44
+	HYDROGRAPH AT	LN24G	341.	12.50	45.	11.	7.	0.44
+	2 COMBINED AT	CN24G	1521.	12.83	328.	88.	51.	3.15
+	HYDROGRAPH AT	DRN21Z	3.	12.25	0.	0.	0.	0.57
+	ROUTED TO	RN21ZE	0.	12.42	0.	0.	0.	0.57
+	2 COMBINED AT	CN24G+	1521.	12.83	328.	88.	51.	3.15
+	ROUTED TO	RN24G	1504.	12.83	328.	88.	51.	3.15
+	HYDROGRAPH AT	N24F	134.	12.25	12.	3.	2.	0.11
+	2 COMBINED AT	CN24F	1520.	12.83	340.	91.	53.	3.26
	HYDROGRAPH AT	N24D	121.	12.08	14.	4.	2.	0.09

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+	2 COMBINED AT	CN24D	1533.	12.83	353.	95.	55.	3.34
+	ROUTED TO	LN24D	11.	18.08	11.	11.	7.	3.34
+	HYDROGRAPH AT	N21H	52.	12.08	5.	1.	1.	0.03
+	HYDROGRAPH AT	DRN21G	1.	12.17	0.	0.	0.	0.06
+	ROUTED TO	RN21GE	1.	12.58	0.	0.	0.	0.06
+	2 COMBINED AT	CN21H	52.	12.08	5.	1.	1.	0.03
+	ROUTED TO	RN21H	36.	13.00	5.	1.	1.	0.03
+	HYDROGRAPH AT	N24E	16.	12.33	2.	1.	0.	0.02
+	ROUTED TO	RN24E	14.	12.58	2.	1.	0.	0.02
+	3 COMBINED AT	CN24D*	52.	13.00	17.	12.	8.	3.40
+	HYDROGRAPH AT	N27F	423.	12.08	37.	11.	6.	0.28
+	ROUTED TO	RN27F	382.	12.17	37.	11.	6.	0.28
+	HYDROGRAPH AT	N27G	317.	12.17	32.	9.	5.	0.26
+	2 COMBINED AT	CN27G	692.	12.17	68.	19.	11.	0.55
+	ROUTED TO	RN27G	578.	12.33	68.	19.	11.	0.55
+	HYDROGRAPH AT	N27E	180.	12.33	19.	5.	3.	0.19
+	ROUTED TO	RN27E	160.	12.42	19.	5.	3.	0.19
+	HYDROGRAPH AT	N27H	287.	12.17	25.	7.	4.	0.21
+	ROUTED TO	RN27H	215.	12.33	25.	7.	4.	0.21
+	HYDROGRAPH AT	N27C	96.	12.17	8.	2.	1.	0.09
+	4 COMBINED AT	CN27C	987.	12.33	118.	32.	19.	1.03
+	ROUTED TO	RN27C	944.	12.42	118.	32.	19.	1.03
+	HYDROGRAPH AT	N27I	279.	12.08	21.	6.	3.	0.17
+	ROUTED TO	RN27I	188.	12.33	21.	6.	3.	0.17
+	HYDROGRAPH AT	N27B	69.	12.25	8.	2.	1.	0.08
	HYDROGRAPH AT							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		N27J	355.	12.08	23.	6.	3.	0.19
+	DIVERSION TO	N27JI	108.	12.08	5.	1.	1.	0.19
+	HYDROGRAPH AT	DN27J	247.	12.08	18.	5.	3.	0.19
+	ROUTED TO	RN27JW	171.	12.42	18.	5.	3.	0.19
+	4 COMBINED AT	CN27B	1341.	12.33	163.	44.	26.	1.46
+	ROUTED TO	RN27B	1280.	12.42	163.	44.	26.	1.46
+	HYDROGRAPH AT	N27D	99.	12.17	13.	4.	2.	0.09
+	DIVERSION TO	LN27DD	99.	12.17	9.	2.	1.	0.09
+	HYDROGRAPH AT	LN27D	49.	12.50	6.	2.	1.	0.09
+	HYDROGRAPH AT	DRN27J	108.	12.08	5.	1.	1.	0.19
+	ROUTED TO	RN27JS	86.	12.17	5.	1.	1.	0.19
+	2 COMBINED AT	CN27D	85.	12.17	11.	3.	2.	0.28
+	DIVERSION TO	N27DI	74.	12.17	9.	3.	1.	0.28
+	HYDROGRAPH AT	DN27DO	11.	12.17	1.	0.	0.	0.28
+	ROUTED TO	RN27DW	6.	13.00	1.	0.	0.	0.28
+	HYDROGRAPH AT	DRN27D	74.	12.17	9.	3.	1.	0.28
+	ROUTED TO	RN27DS	47.	12.92	9.	3.	1.	0.28
+	HYDROGRAPH AT	N27K	428.	12.42	80.	21.	12.	0.63
+	ROUTED TO	RN27K	401.	12.67	80.	21.	12.	0.63
+	HYDROGRAPH AT	N27L	482.	12.33	61.	17.	10.	0.47
+	2 COMBINED AT	CN27L	760.	12.42	139.	37.	21.	1.09
+	ROUTED TO	RN27L	757.	12.50	139.	37.	21.	1.09
+	HYDROGRAPH AT	N25S	55.	12.08	6.	2.	1.	0.03
+	ROUTED TO	RN25S	47.	12.17	6.	2.	1.	0.03
+	2 COMBINED AT	CN25O*	773.	12.50	145.	39.	23.	1.12
+	ROUTED TO	RN25O*	754.	12.50	145.	39.	23.	1.12

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	HYDROGRAPH AT	N25O	162.	12.08	19.	6.	3.	0.13
+	DIVERSION TO	LN25OD	162.	12.08	10.	3.	2.	0.13
+	HYDROGRAPH AT	LN25O	135.	12.25	11.	3.	2.	0.13
+	2 COMBINED AT	CN25O	813.	12.50	154.	42.	24.	1.25
+	ROUTED TO	RN25O	774.	12.67	154.	42.	24.	1.25
+	4 COMBINED AT	CN27*	1873.	12.50	322.	88.	51.	2.99
+	HYDROGRAPH AT	N27	139.	12.50	27.	7.	4.	0.28
+	HYDROGRAPH AT	N27A	104.	12.33	13.	3.	2.	0.11
+	HYDROGRAPH AT	N26B	206.	12.33	32.	9.	5.	0.22
+	DIVERSION TO	LN26BD	206.	12.33	24.	6.	4.	0.22
+	HYDROGRAPH AT	LN26B	65.	13.00	10.	3.	2.	0.22
+	4 COMBINED AT	CN27	2071.	12.50	367.	100.	58.	3.62
+	ROUTED TO	RN27	1991.	12.67	367.	100.	58.	3.62
+	HYDROGRAPH AT	N26	50.	12.17	4.	1.	1.	0.04
+	HYDROGRAPH AT	N26A	289.	12.42	42.	12.	7.	0.35
+	DIVERSION TO	LN26AD	289.	12.42	24.	6.	4.	0.35
+	HYDROGRAPH AT	LN26A	170.	12.75	20.	5.	3.	0.35
+	3 COMBINED AT	CN26*	2108.	12.67	388.	106.	61.	4.01
+	HYDROGRAPH AT	N25R	205.	12.08	22.	7.	4.	0.09
+	ROUTED TO	RN25R	180.	12.17	22.	7.	4.	0.09
+	HYDROGRAPH AT	N25Q	60.	12.08	7.	2.	1.	0.03
+	ROUTED TO	RN25Q	53.	12.08	7.	2.	1.	0.03
+	HYDROGRAPH AT	N25P	353.	12.08	37.	12.	7.	0.17
+	ROUTED TO	RN25P	290.	12.17	37.	12.	7.	0.17
+	HYDROGRAPH AT	N25M	355.	12.08	46.	15.	8.	0.24
	DIVERSION TO							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		LN25MD	355.	12.08	27.	8.	4.	0.24
+	HYDROGRAPH AT	LN25M	270.	12.25	24.	7.	4.	0.24
+	4 COMBINED AT	CN25M	703.	12.25	86.	28.	16.	0.53
+	DIVERSION TO	N25MI	633.	12.25	82.	27.	16.	0.53
+	HYDROGRAPH AT	DN25M	70.	12.25	4.	1.	1.	0.53
+	ROUTED TO	RN25MW	47.	12.42	4.	1.	1.	0.53
+	HYDROGRAPH AT	N25N	33.	12.08	4.	1.	1.	0.03
+	DIVERSION TO	LN25ND	33.	12.08	3.	1.	0.	0.03
+	HYDROGRAPH AT	LN25N	15.	12.42	2.	0.	0.	0.03
+	ROUTED TO	RN25N	12.	12.50	2.	0.	0.	0.03
+	2 COMBINED AT	CX3	51.	12.42	5.	1.	1.	0.55
+	DIVERSION TO	X3I	28.	12.42	3.	1.	0.	0.55
+	HYDROGRAPH AT	DX3O	23.	12.42	3.	1.	0.	0.55
+	ROUTED TO	RX3W	10.	13.25	3.	1.	0.	0.55
+	2 COMBINED AT	CN26	2108.	12.67	390.	106.	62.	4.56
+	ROUTED TO	RN26	1957.	12.83	389.	106.	61.	4.56
+	HYDROGRAPH AT	N25L	85.	12.17	7.	2.	1.	0.06
+	DIVERSION TO	N25LI	44.	12.17	4.	1.	1.	0.06
+	HYDROGRAPH AT	DN25L	41.	12.17	3.	1.	0.	0.06
+	ROUTED TO	RN25LW	34.	12.42	3.	1.	0.	0.06
+	HYDROGRAPH AT	N25K	142.	12.08	11.	3.	2.	0.09
+	2 COMBINED AT	CN25K	144.	12.08	15.	4.	2.	0.15
+	DIVERSION TO	N25KI	114.	12.08	9.	2.	1.	0.15
+	HYDROGRAPH AT	DN25K	30.	12.00	6.	2.	1.	0.15
+	ROUTED TO	RN25KW	30.	12.50	6.	2.	1.	0.15
	HYDROGRAPH AT	N25J	123.	12.17	10.	2.	1.	0.10

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	3 COMBINED AT	CN25J	1990.	12.83	404.	110.	64.	4.81
+	ROUTED TO	RN25J	1832.	13.08	403.	110.	64.	4.81
+	HYDROGRAPH AT	N25G	73.	12.25	7.	2.	1.	0.06
+	HYDROGRAPH AT	DRN25K	114.	12.08	9.	2.	1.	0.15
+	ROUTED TO	RN25KS	54.	12.83	9.	2.	1.	0.15
+	2 COMBINED AT	CN25G	75.	12.25	16.	4.	2.	0.21
+	ROUTED TO	RN25G	49.	13.67	16.	4.	2.	0.21
+	HYDROGRAPH AT	N25I	131.	12.17	12.	3.	2.	0.12
+	3 COMBINED AT	CN25I	1861.	13.08	428.	117.	68.	4.99
+	ROUTED TO	RN25I	1787.	13.25	427.	117.	68.	4.99
+	HYDROGRAPH AT	N25E	165.	12.33	31.	9.	5.	0.27
+	HYDROGRAPH AT	DRN25M	633.	12.25	82.	27.	16.	0.53
+	ROUTED TO	RN25MS	497.	12.42	82.	27.	16.	0.53
+	HYDROGRAPH AT	DRX3	28.	12.42	3.	1.	0.	0.55
+	ROUTED TO	RX3S	18.	12.75	3.	1.	0.	0.55
+	3 COMBINED AT	CN25E	651.	12.42	115.	36.	21.	0.82
+	DIVERSION TO	N25EI	40.	11.92	21.	8.	5.	0.82
+	HYDROGRAPH AT	DN25E	611.	12.42	94.	28.	16.	0.82
+	ROUTED TO	RN25EW	548.	12.50	94.	28.	16.	0.82
+	HYDROGRAPH AT	N25F	127.	12.17	10.	3.	1.	0.09
+	HYDROGRAPH AT	DRN25L	44.	12.17	4.	1.	1.	0.06
+	ROUTED TO	RN25LS	24.	12.83	4.	1.	1.	0.06
+	3 COMBINED AT	CN25F	591.	12.50	107.	31.	18.	0.97
+	ROUTED TO	RN25F	533.	12.75	107.	31.	18.	0.97
+	HYDROGRAPH AT	N25D	291.	12.08	26.	7.	4.	0.20
	HYDROGRAPH AT							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		DRN25E	40.	11.92	21.	8.	5.	0.82
+	ROUTED TO	RN25ES	40.	12.92	21.	8.	5.	0.82
+	2 COMBINED AT	CN25D	309.	12.08	47.	15.	9.	0.20
+	DIVERSION TO	N25DI	162.	12.08	25.	8.	5.	0.20
+	HYDROGRAPH AT	DN25D	147.	12.08	22.	7.	4.	0.20
+	ROUTED TO	RN25DW	122.	12.33	22.	7.	4.	0.20
+	HYDROGRAPH AT	N25C	181.	12.17	21.	5.	3.	0.17
+	2 COMBINED AT	CN25C	283.	12.25	42.	12.	7.	0.37
+	DIVERSION TO	N25CI	106.	12.25	16.	5.	3.	0.37
+	HYDROGRAPH AT	DN25C	177.	12.25	26.	8.	4.	0.37
+	ROUTED TO	RN25CW	174.	12.25	26.	8.	4.	0.37
+	HYDROGRAPH AT	N25B	97.	12.25	14.	4.	2.	0.11
+	3 COMBINED AT	CN25B	654.	12.67	145.	42.	24.	1.45
+	DIVERSION TO	N25BI	244.	12.67	54.	16.	9.	1.45
+	HYDROGRAPH AT	DN25B	409.	12.67	91.	26.	15.	1.45
+	ROUTED TO	RN25BW	390.	12.75	91.	26.	15.	1.45
+	HYDROGRAPH AT	N25A	82.	12.33	11.	3.	2.	0.09
+	2 COMBINED AT	CN25A	427.	12.75	101.	29.	17.	1.55
+	DIVERSION TO	N25AI	284.	12.75	72.	21.	12.	1.55
+	HYDROGRAPH AT	DN25A	143.	12.75	29.	8.	5.	1.55
+	HYDROGRAPH AT	N25	121.	12.58	21.	5.	3.	0.24
+	HYDROGRAPH AT	N25H	50.	12.33	7.	2.	1.	0.07
+	4 COMBINED AT	CN25	1931.	13.17	478.	130.	75.	6.85
+	ROUTED TO	RN25	1793.	13.42	477.	130.	75.	6.85
+	HYDROGRAPH AT	N24B	88.	12.17	9.	3.	1.	0.07
	HYDROGRAPH AT	DRN25D	162.	12.08	25.	8.	5.	0.20

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	ROUTED TO	RN25DS	132.	12.42	25.	8.	5.	0.20
+	2 COMBINED AT	CN24B	186.	12.33	35.	11.	6.	0.27
+	ROUTED TO	RN24B	182.	12.42	35.	11.	6.	0.27
+	HYDROGRAPH AT	DRN25C	106.	12.25	16.	5.	3.	0.37
+	ROUTED TO	RN25CS	100.	12.42	16.	5.	3.	0.37
+	2 COMBINED AT	CN24B*	280.	12.42	50.	15.	9.	0.64
+	DIVERSION TO	N24BI	0.	12.42	0.	0.	0.	0.64
+	HYDROGRAPH AT	DN24B*	279.	12.42	50.	15.	9.	0.64
+	ROUTED TO	RN24BW	272.	12.50	50.	15.	9.	0.64
+	HYDROGRAPH AT	DRN25B	244.	12.67	54.	16.	9.	1.45
+	ROUTED TO	RN25BS	235.	12.83	54.	16.	9.	1.45
+	2 COMBINED AT	CN24C*	453.	12.58	103.	30.	18.	2.09
+	ROUTED TO	RN24C*	449.	12.58	103.	30.	18.	2.09
+	HYDROGRAPH AT	DRN25A	284.	12.75	72.	21.	12.	1.55
+	ROUTED TO	RN25AS	280.	12.83	72.	21.	12.	1.55
+	HYDROGRAPH AT	N24C	268.	12.08	30.	9.	5.	0.19
+	3 COMBINED AT	CN24C	750.	12.67	202.	60.	35.	3.73
+	ROUTED TO	RN24C	722.	12.75	202.	60.	35.	3.73
+	HYDROGRAPH AT	N24	97.	12.25	10.	3.	2.	0.11
+	HYDROGRAPH AT	N24A	243.	12.25	42.	13.	7.	0.24
+	DIVERSION TO	LN24AD	199.	12.08	14.	4.	2.	0.24
+	HYDROGRAPH AT	LN24A	243.	12.25	32.	9.	5.	0.24
+	HYDROGRAPH AT	DRN24B	0.	12.42	0.	0.	0.	0.64
+	ROUTED TO	RN24BS	0.	12.50	0.	0.	0.	0.64
+	HYDROGRAPH AT	A21A	169.	12.08	15.	5.	3.	0.08
	ROUTED TO							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		RA21A	140.	12.17	15.	5.	3.	0.08
+	2 COMBINED AT	X30	140.	12.17	16.	5.	3.	0.08
+	DIVERSION TO	X30I	29.	12.58	8.	3.	2.	0.08
+	HYDROGRAPH AT	DX30	112.	12.17	7.	2.	1.	0.08
+	ROUTED TO	RX30W	75.	12.25	7.	2.	1.	0.08
+	6 COMBINED AT	CN24	2263.	13.42	727.	208.	124.	10.60
+	ROUTED TO	RN24	2166.	13.58	723.	208.	124.	10.60
+	HYDROGRAPH AT	DRX30	29.	12.58	8.	3.	2.	0.08
+	ROUTED TO	RX30S	25.	12.67	8.	3.	2.	0.08
+	HYDROGRAPH AT	N23A	690.	12.17	83.	25.	15.	0.49
+	DIVERSION TO	LN23AD	308.	11.92	22.	7.	4.	0.49
+	HYDROGRAPH AT	LN23A	690.	12.17	69.	19.	11.	0.49
+	2 COMBINED AT	CN23A	703.	12.17	76.	21.	12.	1.13
+	DIVERSION TO	N23AI	25.	12.17	2.	0.	0.	1.13
+	HYDROGRAPH AT	DN23A	678.	12.17	74.	21.	12.	1.13
+	ROUTED TO	RN23AW	545.	12.33	74.	21.	12.	1.13
+	HYDROGRAPH AT	N23	154.	12.67	49.	14.	8.	0.39
+	HYDROGRAPH AT	DRN21D	139.	12.67	28.	8.	4.	1.60
+	ROUTED TO	RN21DE	117.	13.25	28.	8.	4.	1.60
+	4 COMBINED AT	CN23	2341.	13.58	851.	244.	145.	13.72
+	ROUTED TO	RN23	2211.	13.83	846.	244.	145.	13.72
+	HYDROGRAPH AT	A21C	101.	12.00	9.	3.	2.	0.05
+	ROUTED TO	A21CRR	43.	12.25	9.	3.	2.	0.05
+	ROUTED TO	RA21C	43.	12.25	9.	3.	2.	0.05
+	HYDROGRAPH AT	A21D	47.	12.00	4.	1.	1.	0.02
+	ROUTED TO	RA21D	42.	12.00	4.	1.	1.	0.02

OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
HYDROGRAPH AT	A21E	146.	12.00	13.	4.	2.	0.06
+ 2 COMBINED AT	CA21E	187.	12.00	17.	6.	3.	0.08
+ ROUTED TO	A21ERR	136.	12.08	17.	6.	3.	0.08
+ DIVERSION TO	A21EI	41.	12.08	5.	1.	1.	0.08
+ HYDROGRAPH AT	DA21E	95.	12.08	12.	4.	2.	0.08
+ ROUTED TO	RA21ES	89.	12.17	12.	4.	2.	0.08
+ HYDROGRAPH AT	A21K	143.	12.00	12.	4.	2.	0.07
+ 3 COMBINED AT	CA21K	228.	12.08	33.	11.	6.	0.20
+ ROUTED TO	A21KRR	197.	12.17	33.	11.	6.	0.20
+ HYDROGRAPH AT	A21L	46.	12.08	5.	2.	1.	0.03
+ 2 COMBINED AT	CA21L	234.	12.17	38.	12.	7.	0.23
+ ROUTED TO	A21LRR	185.	12.33	84.	77.	75.	0.23
+ ROUTED TO	RA21L	181.	12.33	84.	77.	75.	0.23
+ HYDROGRAPH AT	A21M	14.	12.17	3.	1.	1.	0.02
+ ROUTED TO	A21MRR	0.	0.08	0.	0.	0.	0.02
+ ROUTED TO	RA21M	0.	0.08	0.	0.	0.	0.02
+ HYDROGRAPH AT	DA21EW	41.	12.08	5.	1.	1.	0.08
+ HYDROGRAPH AT	A21F	111.	12.00	11.	4.	2.	0.05
+ ROUTED TO	RA21F	110.	12.00	11.	4.	2.	0.05
+ ROUTED TO	RA21F	103.	12.00	11.	4.	2.	0.05
+ HYDROGRAPH AT	A21G	96.	12.00	9.	3.	2.	0.04
+ 3 COMBINED AT	CA21G	230.	12.00	24.	8.	5.	0.16
+ ROUTED TO	A21GRR	201.	12.08	24.	8.	5.	0.16
+ HYDROGRAPH AT	A21H	18.	12.00	2.	1.	0.	0.01
+ 2 COMBINED AT	CA21H	214.	12.08	26.	8.	5.	0.17
ROUTED TO							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		A21HRR	168.	12.25	26.	8.	5.	0.17
+	HYDROGRAPH AT	A21I	88.	12.00	7.	2.	1.	0.04
+	ROUTED TO	RA21I	85.	12.08	7.	2.	1.	0.04
+	HYDROGRAPH AT	A21J	239.	12.00	22.	7.	4.	0.11
+	3 COMBINED AT	CA21J	430.	12.08	55.	18.	10.	0.32
+	ROUTED TO	A21JRR	395.	12.17	55.	18.	10.	0.32
+	ROUTED TO	RA21J	395.	12.17	55.	18.	10.	0.32
+	HYDROGRAPH AT	A21N	515.	12.00	44.	14.	8.	0.26
+	4 COMBINED AT	CA21N	875.	12.08	182.	107.	93.	0.75
+	ROUTED TO	A21NRR	557.	12.33	181.	107.	92.	0.75
+	HYDROGRAPH AT	A21O	25.	12.00	3.	1.	1.	0.01
+	2 COMBINED AT	CA21O	563.	12.33	184.	108.	92.	0.76
+	ROUTED TO	A21ORR	556.	12.42	184.	108.	92.	0.76
+	HYDROGRAPH AT	A21U	253.	12.08	26.	8.	5.	0.14
+	DIVERSION TO	A21UR	5.	10.42	3.	1.	1.	0.14
+	HYDROGRAPH AT	LA21U	253.	12.08	25.	7.	4.	0.14
+	2 COMBINED AT	CA21U	643.	12.25	208.	115.	96.	0.90
+	ROUTED TO	A21URR	446.	12.75	208.	114.	94.	0.90
+	DIVERSION TO	DA21US	15.	1.33	15.	15.	15.	0.90
+	HYDROGRAPH AT	DA21U	431.	12.75	193.	99.	79.	0.90
+	HYDROGRAPH AT	N21A36	14.	12.17	2.	1.	0.	0.02
+	HYDROGRAPH AT	N21AP3	8.	12.17	2.	1.	0.	0.01
+	3 COMBINED AT	C21AP3	439.	12.75	196.	100.	80.	0.92
+	ROUTED TO	L21AP3	438.	12.83	196.	100.	79.	0.92
+	HYDROGRAPH AT	N21A25	8.	12.00	1.	0.	0.	0.00
+	ROUTED TO	R21A25	8.	12.08	1.	0.	0.	0.00

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	HYDROGRAPH AT	N21A24	8.	12.17	2.	1.	0.	0.02
+	HYDROGRAPH AT	N21A26	17.	12.25	3.	1.	1.	0.03
+	HYDROGRAPH AT	N21A27	1.	12.17	0.	0.	0.	0.00
+	4 COMBINED AT	C21A27	33.	12.17	6.	2.	1.	0.05
+	ROUTED TO	L21A27	15.	12.75	4.	2.	1.	0.05
+	HYDROGRAPH AT	N21A23	17.	12.17	3.	1.	1.	0.03
+	ROUTED TO	R21A23	17.	12.42	3.	1.	1.	0.03
+	HYDROGRAPH AT	N21A28	0.	12.92	0.	0.	0.	0.01
+	HYDROGRAPH AT	N21A29	9.	12.25	2.	1.	0.	0.02
+	4 COMBINED AT	C21A28	31.	12.75	9.	4.	2.	0.10
+	ROUTED TO	L2A281	17.	13.00	6.	3.	2.	0.10
+	ROUTED TO	L2A282	13.	13.25	6.	5.	4.	0.10
	HYDROGRAPH AT	N21A32	1.	12.17	0.	0.	0.	0.00
+	2 COMBINED AT	C21A32	13.	13.25	6.	5.	4.	0.11
+	ROUTED TO	L2A283	12.	13.33	6.	5.	4.	0.11
+	HYDROGRAPH AT	N21A31	16.	12.17	2.	1.	0.	0.02
+	HYDROGRAPH AT	N21A33	24.	12.25	5.	2.	1.	0.04
+	3 COMBINED AT	C21A33	43.	12.17	13.	7.	6.	0.16
+	HYDROGRAPH AT	N21A22	6.	12.17	2.	1.	0.	0.01
+	HYDROGRAPH AT	DRN23A	25.	12.17	2.	0.	0.	1.13
+	ROUTED TO	RN23AS	9.	12.75	2.	0.	0.	1.13
+	2 COMBINED AT	C21A22	14.	12.67	4.	1.	1.	0.01
+	DIVERSION TO	21A22I	11.	12.67	2.	1.	0.	0.01
+	HYDROGRAPH AT	D21A22	3.	14.25	2.	1.	0.	0.01
+	HYDROGRAPH AT	N21A30	17.	12.17	3.	1.	1.	0.02
	HYDROGRAPH AT							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		N21AP1	7.	12.67	3.	1.	1.	0.02
+	4 COMBINED AT	C21AP1	66.	12.17	20.	10.	7.	0.21
+	ROUTED TO	L21AP1	35.	12.83	20.	10.	7.	0.21
+	HYDROGRAPH AT	N21AP2	14.	12.17	2.	1.	0.	0.01
+	2 COMBINED AT	C21AP2	39.	12.58	22.	10.	8.	0.22
+	ROUTED TO	L21AP2	39.	12.58	22.	10.	8.	0.22
+	HYDROGRAPH AT	N21A37	12.	12.17	2.	1.	0.	0.01
+	3 COMBINED AT	C21APA	477.	12.83	219.	111.	87.	1.16
+	HYDROGRAPH AT	N21A34	15.	12.17	2.	1.	0.	0.02
+	HYDROGRAPH AT	N21A35	13.	12.08	2.	1.	0.	0.01
+	HYDROGRAPH AT	N21AP5	9.	12.08	1.	0.	0.	0.01
+	ROUTED TO	L21AP5	1.	13.17	1.	0.	0.	0.01
+	HYDROGRAPH AT	N21AP4	28.	12.17	6.	2.	1.	0.03
+	5 COMBINED AT	C21APB	495.	12.75	228.	114.	89.	1.23
+	ROUTED TO	L21AP4	464.	13.08	228.	114.	88.	1.23
+	HYDROGRAPH AT	N21A39	6.	12.33	3.	1.	1.	0.01
+	HYDROGRAPH AT	DR2122	11.	12.67	2.	1.	0.	0.01
+	ROUTED TO	R21A22	11.	13.25	2.	1.	0.	0.01
+	3 COMBINED AT	C21A39	478.	13.08	233.	116.	89.	1.24
+	ROUTED TO	R21A39	478.	13.17	233.	116.	89.	1.24
+	HYDROGRAPH AT	N21A40	31.	12.25	6.	2.	1.	0.05
+	2 COMBINED AT	C21A40	486.	13.17	238.	117.	90.	1.29
+	HYDROGRAPH AT	N21A41	19.	12.25	4.	1.	1.	0.03
+	HYDROGRAPH AT	N21A42	14.	12.25	3.	1.	1.	0.02
+	HYDROGRAPH AT	N21A43	3.	12.08	0.	0.	0.	0.00
+	4 COMBINED AT	C21A42	495.	13.08	244.	119.	91.	1.34

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	ROUTED TO	L21A43	497.	13.17	244.	119.	90.	1.34
+	HYDROGRAPH AT	A21P	58.	12.08	8.	3.	1.	0.04
+	ROUTED TO	A21PRR	16.	12.08	8.	3.	1.	0.04
+	ROUTED TO	RA21P	16.	12.17	8.	3.	1.	0.04
+	HYDROGRAPH AT	A21V	87.	12.00	7.	2.	1.	0.04
+	DIVERSION TO	A21VR	87.	12.00	7.	2.	1.	0.04
+	HYDROGRAPH AT	LA21V	0.	0.08	0.	0.	0.	0.04
+	HYDROGRAPH AT	A21Q	52.	12.08	8.	3.	2.	0.04
+	3 COMBINED AT	CA21Q	67.	12.08	16.	5.	3.	0.11
+	ROUTED TO	A21QRR	62.	12.25	16.	5.	3.	0.11
+	HYDROGRAPH AT	A21R	16.	12.00	2.	1.	0.	0.01
+	2 COMBINED AT	CA21R	72.	12.17	18.	6.	3.	0.12
	ROUTED TO	A21RRR	68.	12.25	18.	6.	3.	0.12
+	HYDROGRAPH AT	A21S	27.	12.00	3.	1.	1.	0.01
+	2 COMBINED AT	CA21S	82.	12.17	21.	7.	4.	0.14
+	ROUTED TO	A21SRR	80.	12.25	21.	7.	4.	0.14
+	HYDROGRAPH AT	A21T	77.	12.00	8.	3.	1.	0.04
+	2 COMBINED AT	CA21T	130.	12.08	29.	9.	5.	0.18
+	ROUTED TO	A21TRR	16.	12.00	16.	9.	5.	0.18
+	ROUTED TO	RA21T	16.	12.08	16.	9.	5.	0.18
+	HYDROGRAPH AT	A21AE	118.	12.00	10.	3.	2.	0.05
+	DIVERSION TO	A21AER	101.	12.00	6.	2.	1.	0.05
+	HYDROGRAPH AT	LA21AE	90.	12.08	4.	1.	1.	0.05
+	HYDROGRAPH AT	A21AF	9.	12.00	1.	0.	0.	0.00
+	DIVERSION TO	A21AFR	9.	12.00	1.	0.	0.	0.00
	HYDROGRAPH AT							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		LA21AF	2.	12.25	0.	0.	0.	0.00
+	HYDROGRAPH AT	A21X	30.	12.08	3.	1.	0.	0.02
+	DIVERSION TO	A21XR	30.	12.08	3.	1.	0.	0.02
+	HYDROGRAPH AT	LA21X	0.	0.08	0.	0.	0.	0.02
+	HYDROGRAPH AT	A21W	22.	12.08	2.	1.	0.	0.02
+	DIVERSION TO	A21WR	22.	12.08	2.	1.	0.	0.02
+	HYDROGRAPH AT	LA21W	0.	0.08	0.	0.	0.	0.02
+	5 COMBINED AT	CA21AE	101.	12.08	20.	10.	6.	0.27
+	HYDROGRAPH AT	A21Y	102.	12.00	11.	3.	2.	0.05
+	DIVERSION TO	A21YR	102.	12.00	7.	2.	1.	0.05
+	HYDROGRAPH AT	LA21Y	69.	12.17	5.	1.	1.	0.05
+	HYDROGRAPH AT	A21Z	132.	12.00	13.	4.	2.	0.06
+	DIVERSION TO	A21ZR	132.	12.00	9.	2.	1.	0.06
+	HYDROGRAPH AT	LA21Z	76.	12.17	5.	1.	1.	0.06
+	ROUTED TO	RA21Z	64.	12.25	5.	1.	1.	0.06
+	HYDROGRAPH AT	A21AB	87.	12.00	10.	3.	2.	0.04
+	DIVERSION TO	A21ABR	87.	12.00	7.	2.	1.	0.04
+	HYDROGRAPH AT	LA21AB	49.	12.17	5.	1.	1.	0.04
+	3 COMBINED AT	CA21AB	141.	12.25	14.	4.	2.	0.15
+	ROUTED TO	RA21AB	133.	12.25	14.	4.	2.	0.15
+	HYDROGRAPH AT	A21AC	58.	12.00	6.	2.	1.	0.02
+	DIVERSION TO	A21ACR	58.	12.00	4.	1.	1.	0.02
+	HYDROGRAPH AT	LA21AC	42.	12.08	3.	1.	0.	0.02
+	HYDROGRAPH AT	A21AA	28.	12.00	3.	1.	0.	0.01
+	DIVERSION TO	A21AAR	24.	11.92	1.	0.	0.	0.01
+	HYDROGRAPH AT	LA21AA	23.	12.08	2.	0.	0.	0.01

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	HYDROGRAPH AT	A21AD	102.	12.08	12.	4.	2.	0.05
+	DIVERSION TO	A21ADR	101.	12.08	7.	2.	1.	0.05
+	HYDROGRAPH AT	LA21AD	78.	12.17	6.	2.	1.	0.05
+	4 COMBINED AT	CA21AD	216.	12.25	24.	7.	4.	0.24
+	ROUTED TO	RA21AD	195.	12.25	24.	7.	4.	0.24
+	2 COMBINED AT	A21AEC	230.	12.25	44.	17.	10.	0.51
+	ROUTED TO	RA21AE	218.	12.33	43.	17.	10.	0.51
+	HYDROGRAPH AT	A21AG	71.	12.00	6.	2.	1.	0.03
+	DIVERSION TO	A21AGR	71.	12.00	4.	1.	1.	0.03
+	HYDROGRAPH AT	LA21AG	34.	12.17	2.	1.	0.	0.03
+	2 COMBINED AT	CA21AG	229.	12.25	46.	17.	10.	0.54
+	ROUTED TO	RA21AG	225.	12.33	45.	17.	10.	0.54
	HYDROGRAPH AT	A21AH	56.	12.00	5.	1.	1.	0.03
+	DIVERSION TO	A21AHR	56.	12.00	3.	1.	1.	0.03
+	HYDROGRAPH AT	LA21AH	26.	12.17	2.	1.	0.	0.03
+	HYDROGRAPH AT	A21AI	15.	12.00	1.	0.	0.	0.01
+	DIVERSION TO	A21AIR	15.	12.00	1.	0.	0.	0.01
+	HYDROGRAPH AT	LA21AI	7.	12.17	0.	0.	0.	0.01
+	HYDROGRAPH AT	A21AJ	20.	12.00	2.	1.	0.	0.01
+	DIVERSION TO	A21AIR	20.	12.00	2.	1.	0.	0.01
+	HYDROGRAPH AT	LA21AI	2.	12.75	0.	0.	0.	0.01
+	3 COMBINED AT	CA21AJ	31.	12.17	3.	1.	0.	0.04
+	HYDROGRAPH AT	A21AK	105.	12.00	11.	4.	2.	0.04
+	DIVERSION TO	A21AKR	105.	12.00	8.	2.	1.	0.04
	HYDROGRAPH AT	LA21AK	50.	12.17	5.	1.	1.	0.04
	HYDROGRAPH AT							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		DA21US	15.	1.33	15.	15.	15.	0.90
+	ROUTED TO	RA21US	15.	1.50	15.	15.	15.	0.90
+	HYDROGRAPH AT	N21A38	15.	12.17	3.	1.	1.	0.02
+	ROUTED TO	L21A38	12.	12.42	2.	1.	0.	0.02
+	ROUTED TO	R21A38	11.	12.75	2.	1.	0.	0.02
+	5 COMBINED AT	CN21B	274.	12.25	69.	35.	26.	0.65
+	ROUTED TO	RN21B	261.	12.33	68.	35.	26.	0.65
+	HYDROGRAPH AT	N21A44	27.	12.17	5.	2.	1.	0.03
+	ROUTED TO	L21A44	0.	0.08	0.	0.	0.	0.03
+	ROUTED TO	R21A44	0.	0.08	0.	0.	0.	0.03
+	HYDROGRAPH AT	N21A90	6.	12.42	3.	1.	1.	0.01
+	4 COMBINED AT	C21A43	620.	12.50	312.	154.	117.	2.03
+	ROUTED TO	R21A43	615.	12.75	312.	154.	116.	2.03
+	HYDROGRAPH AT	N21A19	6.	12.08	1.	0.	0.	0.01
+	HYDROGRAPH AT	N21A91	4.	12.17	1.	1.	0.	0.00
+	3 COMBINED AT	C21A91	619.	12.75	314.	155.	117.	2.04
+	ROUTED TO	R21A91	619.	12.75	314.	155.	117.	2.04
+	HYDROGRAPH AT	N21A4	8.	12.08	1.	0.	0.	0.01
+	DIVERSION TO	21A4I	3.	12.08	0.	0.	0.	0.01
+	HYDROGRAPH AT	D21A4	5.	12.08	1.	0.	0.	0.01
+	HYDROGRAPH AT	N21A2	8.	12.17	1.	0.	0.	0.01
+	HYDROGRAPH AT	N21A3	12.	12.17	2.	1.	0.	0.02
+	3 COMBINED AT	C21A3	24.	12.17	4.	1.	1.	0.03
+	ROUTED TO	R21A3	23.	12.25	4.	1.	1.	0.03
+	HYDROGRAPH AT	N21A1	28.	12.08	4.	1.	1.	0.02
+	ROUTED TO	R21A1	28.	12.25	4.	1.	1.	0.02

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	HYDROGRAPH AT	N21A5	3.	12.33	1.	0.	0.	0.01
+	3 COMBINED AT	C21A5	53.	12.25	8.	3.	1.	0.07
+	ROUTED TO	R21A5	53.	12.33	8.	3.	1.	0.07
+	HYDROGRAPH AT	DR21A4	3.	12.08	0.	0.	0.	0.01
+	ROUTED TO	R21A4	3.	12.25	0.	0.	0.	0.01
+	HYDROGRAPH AT	N21A6	19.	12.08	3.	1.	0.	0.02
+	2 COMBINED AT	C21A6	22.	12.17	3.	1.	1.	0.02
+	ROUTED TO	R21A6	22.	12.25	3.	1.	1.	0.02
+	HYDROGRAPH AT	N21A7	13.	12.08	2.	1.	0.	0.01
+	ROUTED TO	R21A7	11.	12.42	2.	1.	0.	0.01
+	HYDROGRAPH AT	N21A8	0.	0.08	0.	0.	0.	0.01
+	4 COMBINED AT	C21A8	81.	12.33	13.	4.	2.	0.11
	ROUTED TO	L21A8	3.	14.92	2.	2.	1.	0.11
+	ROUTED TO	R21A8	3.	15.08	2.	2.	1.	0.11
+	HYDROGRAPH AT	N21A9	22.	12.17	3.	1.	1.	0.03
+	ROUTED TO	R21A9	22.	12.25	3.	1.	1.	0.03
+	HYDROGRAPH AT	N21A10	40.	12.17	6.	2.	1.	0.05
+	HYDROGRAPH AT	N21A11	6.	12.25	1.	0.	0.	0.01
+	HYDROGRAPH AT	N21A12	8.	12.17	2.	1.	0.	0.01
+	5 COMBINED AT	C21A11	72.	12.17	13.	5.	4.	0.21
+	ROUTED TO	L21A11	27.	12.75	13.	5.	4.	0.21
+	ROUTED TO	L21A14	27.	12.83	13.	5.	4.	0.21
+	ROUTED TO	R21A11	27.	12.83	13.	5.	4.	0.21
+	HYDROGRAPH AT	N21A14	18.	12.42	4.	1.	1.	0.06
+	2 COMBINED AT	C21A14	42.	12.58	17.	6.	4.	0.27
	HYDROGRAPH AT							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		N21A13	19.	12.17	3.	1.	1.	0.02
+	HYDROGRAPH AT	N21A15	11.	12.17	2.	1.	0.	0.01
+	3 COMBINED AT	C21A15	59.	12.33	21.	8.	5.	0.30
+	ROUTED TO	L21A15	39.	13.08	21.	8.	5.	0.30
+	HYDROGRAPH AT	N21A17	4.	12.25	1.	0.	0.	0.01
+	ROUTED TO	L21A17	3.	12.58	1.	0.	0.	0.01
+	2 COMBINED AT	C21A17	41.	13.08	22.	8.	5.	0.32
+	HYDROGRAPH AT	N21A16	15.	12.17	3.	1.	1.	0.02
+	ROUTED TO	L21A16	14.	12.33	12.	12.	12.	0.02
+	2 COMBINED AT	C21A16	53.	13.08	34.	20.	17.	0.34
+	ROUTED TO	R21A16	53.	13.17	34.	20.	17.	0.34
+	HYDROGRAPH AT	N21A20	1.	12.17	0.	0.	0.	0.00
+	2 COMBINED AT	C21A20	54.	13.17	34.	20.	17.	0.34
+	ROUTED TO	L21A20	54.	13.17	34.	20.	17.	0.34
+	HYDROGRAPH AT	N21A18	18.	12.17	3.	1.	1.	0.03
+	2 COMBINED AT	C21A18	58.	13.08	38.	21.	18.	0.37
+	ROUTED TO	R21A18	58.	13.08	38.	21.	18.	0.37
+	HYDROGRAPH AT	N21A21	20.	12.08	3.	1.	1.	0.02
+	ROUTED TO	L21A21	9.	12.50	2.	1.	0.	0.02
+	HYDROGRAPH AT	N21A92	4.	12.33	2.	1.	0.	0.01
+	4 COMBINED AT	CN21A	674.	12.75	351.	176.	134.	3.72
+	ROUTED TO	RN21A	671.	12.92	351.	176.	134.	3.72
+	HYDROGRAPH AT	N21	433.	12.42	106.	32.	19.	0.62
+	4 COMBINED AT	CN21	3237.	13.75	1489.	505.	328.	15.37
+	HYDROGRAPH AT	A09U	321.	12.08	24.	7.	4.	0.17
+	DIVERSION TO	A09UI	64.	12.08	5.	1.	1.	0.17

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	HYDROGRAPH AT	DA09U	257.	12.08	19.	6.	3.	0.17
+	ROUTED TO	RA09US	181.	12.33	19.	6.	3.	0.17
+	HYDROGRAPH AT	N11N	458.	12.00	31.	8.	5.	0.26
+	DIVERSION TO	N11NI	429.	12.00	29.	8.	4.	0.26
+	HYDROGRAPH AT	DN11N	29.	12.00	3.	1.	0.	0.26
+	ROUTED TO	RN11NW	21.	12.58	3.	1.	0.	0.26
+	HYDROGRAPH AT	N11O	79.	12.17	6.	1.	1.	0.05
+	DIVERSION TO	N11OI	8.	12.17	1.	0.	0.	0.05
+	HYDROGRAPH AT	DN11O	72.	12.17	5.	1.	1.	0.05
+	ROUTED TO	RN11OS	41.	12.67	5.	1.	1.	0.05
+	HYDROGRAPH AT	N11M	153.	12.17	10.	3.	1.	0.10
+	4 COMBINED AT	CN11M	282.	12.25	37.	10.	6.	0.32
	DIVERSION TO	N11MI	70.	12.25	9.	3.	1.	0.32
+	HYDROGRAPH AT	DN11M	211.	12.25	28.	8.	4.	0.32
+	ROUTED TO	RN11MS	181.	12.50	28.	8.	4.	0.32
+	HYDROGRAPH AT	N11K	203.	12.17	24.	7.	4.	0.19
+	DIVERSION TO	LN11KD	4.	11.33	2.	1.	0.	0.19
+	HYDROGRAPH AT	LN11K	203.	12.17	24.	6.	4.	0.19
+	HYDROGRAPH AT	DRN11N	429.	12.00	29.	8.	4.	0.26
+	ROUTED TO	RN11NS	347.	12.25	29.	8.	4.	0.26
+	2 COMBINED AT	CN11K	534.	12.25	52.	14.	8.	0.45
+	DIVERSION TO	N11KI	531.	12.25	50.	13.	8.	0.45
+	HYDROGRAPH AT	DN11K	10.	12.67	1.	0.	0.	0.45
+	ROUTED TO	RN11KW	6.	13.25	1.	0.	0.	0.45
+	HYDROGRAPH AT	N11J	320.	12.08	30.	8.	5.	0.24
	DIVERSION TO							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		LN11JD	38.	11.75	3.	1.	1.	0.24
+	HYDROGRAPH AT	LN11J	320.	12.08	29.	7.	4.	0.24
+	3 COMBINED AT	CN11J	375.	12.17	58.	15.	9.	0.56
+	DIVERSION TO	N11JI	30.	12.08	8.	2.	1.	0.56
+	HYDROGRAPH AT	DN11J	345.	12.17	49.	13.	8.	0.56
+	ROUTED TO	RN11JS	272.	12.67	49.	13.	8.	0.56
+	HYDROGRAPH AT	N11G	494.	12.42	54.	13.	8.	0.52
+	2 COMBINED AT	CN11G	649.	12.50	102.	26.	15.	1.08
+	DIVERSION TO	N11GI	0.	12.42	0.	0.	0.	1.08
+	HYDROGRAPH AT	DN11G	649.	12.50	102.	26.	15.	1.08
+	ROUTED TO	RN11GS	567.	12.75	102.	26.	15.	1.08
+	HYDROGRAPH AT	N11F	305.	12.25	26.	7.	4.	0.24
+	2 COMBINED AT	CN11F	631.	12.67	127.	32.	19.	1.33
+	ROUTED TO	RN11F	602.	12.83	127.	32.	19.	1.33
+	HYDROGRAPH AT	N11C	269.	12.25	40.	12.	7.	0.25
+	DIVERSION TO	LN11CD	269.	12.25	24.	6.	4.	0.25
+	HYDROGRAPH AT	LN11C	178.	12.50	19.	5.	3.	0.25
+	2 COMBINED AT	CN11C	678.	12.83	145.	37.	22.	1.58
+	DIVERSION TO	N11CWI	46.	12.83	4.	1.	1.	1.58
+	HYDROGRAPH AT	DN11CW	632.	12.83	140.	36.	21.	1.58
+	DIVERSION TO	N11CEI	22.	12.83	10.	4.	2.	1.58
+	HYDROGRAPH AT	DN11CE	610.	12.83	130.	32.	19.	1.58
+	HYDROGRAPH AT	DRN11C	46.	12.83	4.	1.	1.	1.58
+	ROUTED TO	LN11CW	2.	13.50	1.	1.	1.	1.58
+	HYDROGRAPH AT	DR11C*	22.	12.83	10.	4.	2.	1.58
+	ROUTED TO	LN11CE	4.	19.83	4.	4.	2.	1.58

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	3 COMBINED AT	CN11C*	614.	12.83	135.	37.	22.	1.58
+	HYDROGRAPH AT	DRN11K	531.	12.25	50.	13.	8.	0.45
+	ROUTED TO	RN11KS	373.	12.75	50.	13.	8.	0.45
+	DIVERSION TO	X5I	329.	12.75	42.	11.	6.	0.45
+	HYDROGRAPH AT	DX5	44.	12.75	9.	2.	1.	0.45
+	ROUTED TO	RX5W	43.	13.00	9.	2.	1.	0.45
+	HYDROGRAPH AT	N11H	411.	12.42	47.	12.	7.	0.44
+	2 COMBINED AT	CN11H	407.	12.42	55.	14.	8.	0.89
+	ROUTED TO	RN11HW	329.	12.83	55.	14.	8.	0.89
+	HYDROGRAPH AT	N11D	446.	12.25	74.	21.	12.	0.51
+	DIVERSION TO	LN11DD	446.	12.25	60.	16.	9.	0.51
+	HYDROGRAPH AT	LN11D	124.	13.08	18.	5.	3.	0.51
+	2 COMBINED AT	LN11D*	362.	13.08	71.	18.	11.	1.40
+	HYDROGRAPH AT	DRX5	329.	12.75	42.	11.	6.	0.45
+	ROUTED TO	RX5S	266.	13.17	42.	11.	6.	0.45
+	HYDROGRAPH AT	N11I	813.	12.17	105.	31.	18.	0.62
+	HYDROGRAPH AT	DRN11L	436.	12.33	40.	10.	6.	0.68
+	ROUTED TO	RN11LS	332.	12.58	40.	10.	6.	0.68
+	HYDROGRAPH AT	DRN22A	75.	12.25	11.	3.	2.	0.37
+	ROUTED TO	RN22AW	66.	12.58	11.	3.	2.	0.37
+	3 COMBINED AT	CN11I	866.	12.25	154.	44.	25.	1.30
+	DIVERSION TO	N11II	433.	12.25	77.	22.	13.	1.30
+	HYDROGRAPH AT	DN11I	433.	12.25	77.	22.	13.	1.30
+	ROUTED TO	RN11IS	414.	12.50	77.	22.	13.	1.30
+	HYDROGRAPH AT	DRN11I	433.	12.25	77.	22.	13.	1.30
	ROUTED TO							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		RN11IW	401.	12.58	77.	22.	13.	1.30
+	2 COMBINED AT	CX50	807.	12.50	154.	43.	25.	1.30
+	ROUTED TO	LX50	755.	12.67	233.	166.	157.	1.30
+	DIVERSION TO	DX50I	552.	12.67	199.	154.	147.	1.30
+	HYDROGRAPH AT	DX50	204.	12.67	34.	13.	10.	1.30
+	ROUTED TO	RX50E	180.	12.92	34.	13.	10.	1.30
+	HYDROGRAPH AT	N22	403.	12.42	108.	29.	17.	0.47
+	DIVERSION TO	LN22D	403.	12.42	62.	16.	9.	0.47
+	HYDROGRAPH AT	LN22	287.	13.00	50.	13.	8.	0.47
+	2 COMBINED AT	CN22	455.	13.00	82.	25.	17.	1.77
+	DIVERSION TO	N22I	455.	13.00	82.	25.	17.	1.77
+	HYDROGRAPH AT	DN22	5.	12.92	0.	0.	0.	1.77
+	ROUTED TO	RN22W	1.	13.00	0.	0.	0.	1.77
+	HYDROGRAPH AT	DRX50I	552.	12.67	199.	154.	147.	1.30
+	ROUTED TO	RX50W	520.	12.92	199.	154.	146.	1.30
+	HYDROGRAPH AT	N11E	522.	12.25	89.	27.	15.	0.49
+	DIVERSION TO	LN11ED	522.	12.25	60.	16.	9.	0.49
+	HYDROGRAPH AT	LN11E	307.	12.67	37.	10.	6.	0.49
+	3 COMBINED AT	CN11E	742.	12.67	234.	164.	152.	1.79
+	DIVERSION TO	N11EI	500.	12.67	215.	159.	149.	1.79
+	HYDROGRAPH AT	DN11E	242.	12.67	18.	5.	3.	1.79
+	ROUTED TO	RN11EW	164.	13.00	18.	5.	3.	1.79
+	2 COMBINED AT	CX1	399.	13.08	58.	15.	9.	2.24
+	DIVERSION TO	X1I	397.	13.08	58.	15.	9.	2.24
+	HYDROGRAPH AT	DX1	2.	13.08	0.	0.	0.	2.24
+	ROUTED TO	RX1W	1.	13.75	0.	0.	0.	2.24

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	3 COMBINED AT	CN11D	947.	12.83	203.	55.	32.	2.97
+	ROUTED TO	RWBW1	901.	13.08	202.	55.	32.	2.97
+	HYDROGRAPH AT	WBW	670.	12.75	178.	54.	31.	1.00
+	2 COMBINED AT	CWBW	1426.	13.00	373.	105.	62.	3.97
+	ROUTED TO	RBWB	25.	12.92	25.	25.	18.	3.97
+	ROUTED TO	RWBW2	25.	16.83	25.	25.	18.	3.97
+	HYDROGRAPH AT	DRN11E	500.	12.67	215.	159.	149.	1.79
+	ROUTED TO	R-WBE1	502.	12.75	215.	159.	149.	1.79
+	HYDROGRAPH AT	WB1	209.	12.17	27.	8.	5.	0.12
+	2 COMBINED AT	CPWB1	558.	12.67	240.	167.	154.	1.91
+	ROUTED TO	R-R3	542.	12.83	240.	167.	152.	1.91
+	HYDROGRAPH AT	WB2	116.	12.50	25.	8.	4.	0.10
+	2 COMBINED AT	CPWB2	620.	12.75	263.	174.	156.	2.01
+	ROUTED TO	R-4-5	621.	12.83	263.	174.	143.	2.01
+	HYDROGRAPH AT	WB3	27.	12.08	3.	1.	0.	0.01
+	2 COMBINED AT	CPWB3	623.	12.83	266.	174.	144.	2.02
+	ROUTED TO	R-6	619.	12.83	266.	174.	143.	2.02
+	HYDROGRAPH AT	DRN22	455.	13.00	82.	25.	17.	1.77
+	HYDROGRAPH AT	WB4	115.	12.08	13.	4.	2.	0.06
+	2 COMBINED AT	CPWB4	462.	13.00	94.	29.	19.	1.83
+	ROUTED TO	R-R1	448.	13.08	85.	29.	19.	1.83
+	HYDROGRAPH AT	WB5	129.	12.17	16.	5.	3.	0.08
+	2 COMBINED AT	CPWB5	459.	13.08	99.	34.	22.	1.91
+	ROUTED TO	R-R2	204.	13.67	49.	28.	20.	1.91
+	2 COMBINED AT	CPR6	637.	12.83	310.	200.	163.	3.93
	ROUTED TO							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		RCR26	625.	13.00	310.	200.	162.	3.93
+	HYDROGRAPH AT	WB7	73.	12.08	9.	3.	2.	0.03
+	2 COMBINED AT	CR6W7	631.	13.00	317.	202.	164.	3.97
+	ROUTED TO	R-R7	631.	13.00	317.	202.	162.	3.97
+	HYDROGRAPH AT	WB6	132.	12.25	20.	6.	4.	0.08
+	ROUTED TO	R-R8	20.	13.25	17.	6.	4.	0.08
+	2 COMBINED AT	C7R8	651.	13.00	333.	208.	166.	4.05
+	ROUTED TO	RC78	648.	13.08	333.	208.	165.	4.05
+	HYDROGRAPH AT	WB8	77.	12.08	9.	3.	2.	0.03
+	2 COMBINED AT	CP-678	653.	13.08	341.	210.	167.	4.08
+	HYDROGRAPH AT	WB10	100.	12.17	12.	4.	2.	0.06
+	ROUTED TO	R-R9	21.	12.58	12.	4.	2.	0.06
+	2 COMBINED AT	WBEOT	673.	13.08	351.	213.	169.	4.14
+	DIVERSION TO	TONRI	100.	12.08	85.	63.	51.	4.14
+	HYDROGRAPH AT	DVNR	573.	13.08	266.	150.	118.	4.14
+	DIVERSION TO	DCLUB	117.	13.08	44.	17.	11.	4.14
+	HYDROGRAPH AT	CCLUB	456.	13.08	222.	133.	107.	4.14
+	ROUTED TO	RR287	455.	13.08	222.	133.	107.	4.14
+	DIVERSION TO	DV87SI	122.	13.08	46.	17.	12.	4.14
+	HYDROGRAPH AT	DV87S	334.	13.08	176.	116.	95.	4.14
+	ROUTED TO	RR289	333.	13.17	176.	116.	95.	4.14
+	DIVERSION TO	DV89I	94.	13.17	24.	6.	3.	4.14
+	HYDROGRAPH AT	DS89	239.	13.17	152.	110.	91.	4.14
+	ROUTED TO	TODET	239.	13.17	152.	110.	91.	4.14
+	DIVERSION TO	DV91I	124.	13.17	47.	12.	7.	4.14
+	HYDROGRAPH AT	DV91	114.	13.17	105.	98.	84.	4.14

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	HYDROGRAPH AT	WB9	451.	12.08	58.	18.	11.	0.28
+	ROUTED TO	R-R10	40.	13.08	32.	18.	11.	0.28
+	HYDROGRAPH AT	DRIX1	397.	13.08	58.	15.	9.	2.24
+	ROUTED TO	RX1S	340.	13.58	58.	15.	9.	2.24
+	4 COMBINED AT	CN11B	497.	13.58	213.	152.	120.	6.49
+	ROUTED TO	RCP91	497.	13.58	213.	152.	120.	6.49
+	HYDROGRAPH AT	SB-G4a	103.	12.08	10.	3.	1.	0.06
+	HYDROGRAPH AT	DR91	124.	13.17	47.	12.	7.	4.14
+	ROUTED TO	R2DET	124.	13.25	47.	12.	7.	4.14
+	3 COMBINED AT	CPDET	605.	13.50	263.	165.	128.	10.63
+	ROUTED TO	S-DET	338.	14.25	255.	164.	133.	10.63
+	ROUTED TO	RDET	338.	14.33	255.	164.	133.	10.63
+	ROUTED TO	RN11BS	338.	14.58	254.	164.	132.	10.63
+	HYDROGRAPH AT	N11	947.	12.33	183.	55.	32.	0.90
+	HYDROGRAPH AT	DRV87	122.	13.08	46.	17.	12.	4.14
+	ROUTED TO	RDV87S	121.	13.17	46.	17.	12.	4.14
+	ROUTED TO	R-G1	120.	13.25	46.	17.	12.	4.14
+	DIVERSION TO	DX55I	120.	13.25	46.	17.	12.	4.14
+	HYDROGRAPH AT	DX55	0.	13.75	0.	0.	0.	4.14
+	DIVERSION TO	DX56I	0.	13.75	0.	0.	0.	4.14
+	HYDROGRAPH AT	DX56	0.	13.75	0.	0.	0.	4.14
+	ROUTED TO	DX56W	0.	14.00	0.	0.	0.	4.14
+	HYDROGRAPH AT	DRV89	94.	13.17	24.	6.	3.	4.14
+	ROUTED TO	RDV89S	83.	13.58	24.	6.	3.	4.14
+	ROUTED TO	RDV89E	77.	14.00	24.	6.	3.	4.14
	4 COMBINED AT							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	4 COMBINED AT	CN11	1041.	12.33	437.	217.	165.	11.53
+	ROUTED TO	RN11	944.	12.50	436.	217.	164.	11.53
+	HYDROGRAPH AT	N10	419.	12.33	92.	28.	16.	0.49
+	HYDROGRAPH AT	S10R	26.	12.25	6.	2.	1.	0.03
+	DIVERSION TO	S10RI	16.	12.25	4.	1.	1.	0.03
+	HYDROGRAPH AT	DS10RO	9.	12.25	3.	1.	1.	0.03
+	ROUTED TO	RS10RS	6.	12.75	3.	1.	1.	0.03
+	3 COMBINED AT	CN10	1320.	12.50	522.	242.	180.	12.05
+	DIVERSION TO	N10I	1.	12.50	0.	0.	0.	12.05
+	HYDROGRAPH AT	DN10	1320.	12.50	522.	242.	180.	12.05
+	ROUTED TO	RN10E	1303.	12.58	521.	242.	180.	12.05
+	HYDROGRAPH AT	DR56	0.	13.75	0.	0.	0.	4.14
	ROUTED TO	RDR56	0.	13.83	0.	0.	0.	4.14
+	HYDROGRAPH AT	N09	772.	12.25	141.	46.	27.	0.65
+	3 COMBINED AT	CN09*	1864.	12.42	648.	282.	205.	12.70
+	HYDROGRAPH AT	CN21	3237.	13.75	1489.	505.	328.	15.37
+	ROUTED TO	RN21	3214.	14.00	1485.	505.	326.	15.37
+	HYDROGRAPH AT	DRTONR	100.	12.08	85.	63.	51.	4.14
+	HYDROGRAPH AT	N20	317.	12.33	66.	20.	12.	0.36
+	3 COMBINED AT	CN20	3343.	13.92	1617.	585.	387.	15.73
+	ROUTED TO	RN20	3332.	14.17	1615.	585.	384.	15.73
+	HYDROGRAPH AT	N12	319.	12.58	100.	31.	18.	0.51
+	DIVERSION TO	LN12D	8.	5.25	4.	1.	1.	0.51
+	HYDROGRAPH AT	LN12	319.	12.58	100.	30.	18.	0.51
	HYDROGRAPH AT	N13	146.	13.25	99.	39.	23.	0.50
	3 COMBINED AT							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
		CN12	3528.	14.08	1785.	648.	422.	16.73
+	ROUTED TO	RN12	3516.	14.25	1778.	648.	421.	16.73
+	2 COMBINED AT	CN09+	3942.	14.00	2320.	908.	613.	26.16
+	ROUTED TO	RN09*	3933.	14.17	2315.	908.	611.	26.16
+	HYDROGRAPH AT	N19E	539.	12.67	99.	29.	17.	0.70
+	HYDROGRAPH AT	N19F	223.	12.67	43.	11.	6.	0.37
+	2 COMBINED AT	CN19E	755.	12.67	140.	39.	23.	1.08
+	ROUTED TO	RN19E	630.	12.83	140.	39.	23.	1.08
+	HYDROGRAPH AT	N19D	397.	12.33	60.	18.	11.	0.39
+	2 COMBINED AT	CN19D	792.	12.75	198.	57.	33.	1.47
+	ROUTED TO	RN19D	753.	13.08	198.	57.	33.	1.47
+	HYDROGRAPH AT	N19C	1159.	12.08	114.	34.	19.	0.76
+	2 COMBINED AT	CN19C	1184.	12.08	308.	89.	52.	2.23
+	ROUTED TO	RN19C	932.	12.33	308.	89.	52.	2.23
+	HYDROGRAPH AT	N19B	545.	12.08	48.	14.	8.	0.32
+	2 COMBINED AT	CN19B	1190.	12.25	353.	103.	60.	2.54
+	ROUTED TO	RN19B	944.	12.58	353.	103.	60.	2.54
+	HYDROGRAPH AT	N19A	634.	12.17	82.	25.	14.	0.47
+	HYDROGRAPH AT	A21B	30.	12.17	4.	1.	1.	0.02
+	ROUTED TO	RA21B	30.	12.25	4.	1.	1.	0.02
+	3 COMBINED AT	CN19A	1171.	12.50	434.	128.	74.	3.04
+	ROUTED TO	397RR	1010.	12.83	431.	128.	74.	3.04
+	HYDROGRAPH AT	398A	232.	12.08	23.	8.	4.	0.10
+	HYDROGRAPH AT	398B	145.	12.25	32.	11.	6.	0.14
+	3 COMBINED AT	C398B	1100.	12.75	479.	145.	84.	3.28
+	ROUTED TO	398BRR	974.	13.08	474.	145.	84.	3.28

OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+	398BI	325.	13.08	158.	48.	28.	3.28
HYDROGRAPH AT +	D398B	649.	13.08	316.	97.	56.	3.28
DIVERSION TO +	398BSI	325.	13.08	158.	48.	28.	3.28
HYDROGRAPH AT +	D398BE	325.	13.08	158.	49.	28.	3.28
HYDROGRAPH AT +	398D	200.	12.00	19.	6.	4.	0.08
HYDROGRAPH AT +	398E	249.	12.08	23.	7.	4.	0.11
HYDROGRAPH AT +	398F	158.	12.33	51.	18.	10.	0.20
4 COMBINED AT +	C398F	586.	12.08	243.	79.	46.	3.68
ROUTED TO +	398FRR	267.	14.50	197.	76.	46.	3.68
HYDROGRAPH AT +	D398BW	325.	13.08	158.	48.	28.	3.28
HYDROGRAPH AT +	398C	63.	12.50	22.	7.	4.	0.09
2 COMBINED AT +	C398C	369.	13.08	178.	55.	32.	3.27
ROUTED TO +	398CRR	259.	14.33	163.	55.	32.	3.27
HYDROGRAPH AT +	398BSW	325.	13.08	158.	48.	28.	3.28
HYDROGRAPH AT +	398G	99.	12.75	45.	15.	9.	0.22
4 COMBINED AT +	C398G	838.	13.92	555.	192.	114.	4.09
ROUTED TO +	398GRR	730.	14.83	518.	191.	114.	4.09
ROUTED TO +	RM399	728.	15.00	516.	191.	114.	4.09
HYDROGRAPH AT +	N18	537.	12.25	79.	23.	13.	0.50
2 COMBINED AT +	CN18	735.	15.00	542.	212.	127.	4.59
ROUTED TO +	RN18	729.	15.25	535.	212.	127.	4.59
HYDROGRAPH AT +	N17	368.	12.25	66.	19.	11.	0.41
2 COMBINED AT +	CN17	754.	12.42	584.	230.	138.	5.01
ROUTED TO +	RN17	740.	12.58	583.	230.	138.	5.01
HYDROGRAPH AT +	N16	895.	12.33	164.	50.	29.	0.92
2 COMBINED AT +	CN16	1442.	12.50	712.	276.	166.	5.93

OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
ROUTED TO	RN16	1353.	12.67	707.	276.	166.	5.93
+ HYDROGRAPH AT	N15B	580.	12.42	129.	38.	22.	0.75
+ ROUTED TO	RN15B	542.	12.83	129.	38.	22.	0.75
+ HYDROGRAPH AT	N15A	701.	12.42	157.	46.	27.	0.80
+ DIVERSION TO	LN15AD	701.	12.42	102.	27.	16.	0.80
+ HYDROGRAPH AT	LN15A	460.	12.92	67.	19.	11.	0.80
+ 2 COMBINED AT	CN15A	991.	12.92	193.	56.	32.	1.54
+ ROUTED TO	RN15A	927.	13.25	193.	56.	33.	1.54
+ HYDROGRAPH AT	N15	370.	12.42	97.	30.	17.	0.54
+ 3 COMBINED AT	CN15	1867.	13.25	976.	356.	213.	8.01
+ ROUTED TO	RN15	1847.	13.25	970.	356.	213.	8.01
+ HYDROGRAPH AT	N14A	309.	12.42	82.	25.	15.	0.44
+ ROUTED TO	RN14A	300.	12.58	82.	25.	15.	0.44
+ HYDROGRAPH AT	N14	136.	12.08	21.	7.	4.	0.08
+ 3 COMBINED AT	CN14	2035.	13.25	1054.	386.	232.	8.53
+ ROUTED TO	RN14	1974.	13.42	1042.	386.	232.	8.53
+ HYDROGRAPH AT	N08B	541.	12.42	135.	41.	24.	0.70
+ DIVERSION TO	LN08BD	541.	12.42	82.	23.	13.	0.70
+ HYDROGRAPH AT	LN08B	380.	12.92	66.	19.	11.	0.70
+ ROUTED TO	RN08B	295.	13.42	65.	19.	11.	0.70
+ HYDROGRAPH AT	N08A	499.	12.50	147.	48.	28.	0.74
+ DIVERSION TO	LN08AD	499.	12.50	81.	23.	13.	0.74
+ HYDROGRAPH AT	LN08A	405.	12.92	86.	25.	14.	0.74
+ 2 COMBINED AT	CN08A	545.	13.33	147.	43.	25.	1.43
+ ROUTED TO	RN08A	523.	13.58	145.	43.	25.	1.43
HYDROGRAPH AT							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	HYDROGRAPH AT	N08	678.	12.33	152.	49.	28.	0.79
+	3 COMBINED AT	CN08	2535.	13.50	1282.	469.	281.	10.75
+	ROUTED TO	RN08	2526.	13.58	1281.	469.	281.	10.75
+	2 COMBINED AT	CN09	5667.	13.83	3412.	1321.	860.	36.91
+	ROUTED TO	RN09	5635.	14.00	3405.	1321.	857.	36.91
+	HYDROGRAPH AT	DRN10	1.	12.50	0.	0.	0.	12.05
+	ROUTED TO	RN10S	1.	12.67	0.	0.	0.	12.05
+	DIVERSION TO	DX26I	0.	0.67	0.	0.	0.	12.05
+	HYDROGRAPH AT	DX26O	0.	12.67	0.	0.	0.	12.05
+	ROUTED TO	RX26S	0.	13.33	0.	0.	0.	12.05
+	HYDROGRAPH AT	DRX26	0.	0.67	0.	0.	0.	12.05
+	HYDROGRAPH AT	N07A	544.	12.17	65.	20.	12.	0.36
	DIVERSION TO	LN07AD	544.	12.17	42.	11.	7.	0.36
+	HYDROGRAPH AT	LN07A	357.	12.33	31.	9.	5.	0.36
+	2 COMBINED AT	CN07A	358.	12.33	31.	9.	5.	0.36
+	HYDROGRAPH AT	N07	702.	12.33	130.	40.	23.	0.75
+	4 COMBINED AT	CN07	5673.	14.00	3504.	1358.	880.	38.15
+	ROUTED TO	RN07	5657.	14.17	3497.	1358.	876.	38.15
+	HYDROGRAPH AT	A11L	466.	12.17	58.	15.	9.	0.25
+	ROUTED TO	RA11L	416.	12.33	58.	15.	9.	0.25
+	HYDROGRAPH AT	A11M	519.	12.08	46.	12.	7.	0.26
+	ROUTED TO	RA11M	468.	12.25	46.	12.	7.	0.26
+	HYDROGRAPH AT	A11J	128.	12.17	14.	3.	2.	0.08
+	HYDROGRAPH AT	A11N	150.	12.08	11.	3.	2.	0.08
	ROUTED TO	RA11N	131.	12.17	11.	3.	2.	0.08
	HYDROGRAPH AT							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	ROUTED TO	RA11O	88.	12.17	8.	2.	1.	0.06
+	2 COMBINED AT	CX21	218.	12.17	18.	5.	3.	0.14
+	ROUTED TO	RX21	165.	12.33	18.	5.	3.	0.14
+	HYDROGRAPH AT	A11K	530.	12.08	35.	9.	5.	0.30
+	HYDROGRAPH AT	A11G	130.	12.00	10.	3.	2.	0.07
+	DIVERSION TO	A11GI	0.	12.00	0.	0.	0.	0.07
+	HYDROGRAPH AT	DA11G	130.	12.00	10.	3.	2.	0.07
+	ROUTED TO	RA11GN	116.	12.08	10.	3.	2.	0.07
+	5 COMBINED AT	CA11K	1235.	12.17	120.	31.	18.	0.84
+	ROUTED TO	RA11K	1055.	12.25	120.	31.	18.	0.84
+	HYDROGRAPH AT	DRA11G	0.	12.00	0.	0.	0.	0.07
+	ROUTED TO	RA11GW	0.	12.17	0.	0.	0.	0.07
+	HYDROGRAPH AT	A11I	647.	12.08	47.	12.	7.	0.28
+	4 COMBINED AT	CA11I	1660.	12.17	222.	57.	33.	1.37
+	ROUTED TO	RA11I	1515.	12.42	222.	57.	33.	1.37
+	HYDROGRAPH AT	A11E	354.	12.25	33.	9.	5.	0.30
+	HYDROGRAPH AT	A11F	584.	12.17	61.	17.	10.	0.47
+	DIVERSION TO	A11FI	1.	12.17	0.	0.	0.	0.47
+	HYDROGRAPH AT	DA11F	583.	12.17	61.	17.	10.	0.47
+	ROUTED TO	RA11FN	576.	12.25	61.	17.	10.	0.47
+	3 COMBINED AT	CA11E	2210.	12.33	312.	82.	47.	2.13
+	ROUTED TO	RA11E	2029.	12.42	311.	82.	47.	2.13
+	HYDROGRAPH AT	A11H	130.	12.08	7.	2.	1.	0.07
+	ROUTED TO	RA11H	78.	12.42	7.	2.	1.	0.07
+	HYDROGRAPH AT	DRA09U	64.	12.08	5.	1.	1.	0.17
	ROUTED TO							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		RA09UW	49.	12.25	5.	1.	1.	0.17
+	HYDROGRAPH AT	A09T	230.	12.17	19.	5.	3.	0.18
+	2 COMBINED AT	CA09T	276.	12.17	24.	6.	4.	0.18
+	DIVERSION TO	A09TI	66.	12.17	2.	1.	0.	0.18
+	HYDROGRAPH AT	DA09T	210.	12.17	22.	6.	3.	0.18
+	ROUTED TO	RA09TW	182.	12.33	22.	6.	3.	0.18
+	HYDROGRAPH AT	DRA11F	1.	12.17	0.	0.	0.	0.47
+	ROUTED TO	RA11FS	0.	12.58	0.	0.	0.	0.47
+	2 COMBINED AT	CX22	182.	12.33	22.	6.	3.	0.18
+	ROUTED TO	RX22	170.	12.50	22.	6.	3.	0.18
+	3 COMBINED AT	CX23	2264.	12.42	340.	89.	52.	2.38
+	ROUTED TO	RX23	1965.	12.75	339.	89.	52.	2.38
+	HYDROGRAPH AT	A99Z	210.	12.17	21.	6.	3.	0.16
+	ROUTED TO	RA99Z	170.	12.50	21.	6.	3.	0.16
+	HYDROGRAPH AT	A11D	201.	12.17	15.	4.	2.	0.15
+	2 COMBINED AT	CA11D	236.	12.17	36.	9.	5.	0.30
+	ROUTED TO	RA11D	181.	13.17	36.	9.	5.	0.30
+	HYDROGRAPH AT	A11B	131.	12.25	16.	4.	2.	0.15
+	HYDROGRAPH AT	A11A	478.	12.42	70.	17.	10.	0.59
+	4 COMBINED AT	CA11A	2346.	12.75	454.	118.	68.	3.43
+	ROUTED TO	RA11A	2322.	12.75	455.	118.	68.	3.43
+	HYDROGRAPH AT	A11C	101.	12.42	12.	3.	2.	0.12
+	ROUTED TO	RA11C	83.	12.75	12.	3.	2.	0.12
+	2 COMBINED AT	CA11*	2398.	12.75	465.	121.	70.	3.55
+	ROUTED TO	RA11*	2317.	12.92	465.	121.	70.	3.55
+	HYDROGRAPH AT	A11	175.	12.33	17.	4.	2.	0.16

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	2 COMBINED AT	CA11	2340.	12.92	480.	125.	72.	3.71
+	HYDROGRAPH AT	DRN11O	8.	12.17	1.	0.	0.	0.05
+	ROUTED TO	RN11OW	2.	12.42	1.	0.	0.	0.05
+	HYDROGRAPH AT	DRA09T	66.	12.17	2.	1.	0.	0.18
+	ROUTED TO	RA09TS	11.	13.75	2.	1.	0.	0.18
+	HYDROGRAPH AT	A09R	118.	12.33	15.	4.	2.	0.14
+	3 COMBINED AT	CA09R	118.	12.33	17.	4.	3.	0.32
+	DIVERSION TO	A09RI	0.	12.33	0.	0.	0.	0.32
+	HYDROGRAPH AT	DA09R	118.	12.33	17.	4.	2.	0.32
+	ROUTED TO	RA09RS	98.	12.75	17.	4.	2.	0.32
+	HYDROGRAPH AT	DRN11M	70.	12.25	9.	3.	1.	0.32
+	ROUTED TO	RN11MW	57.	12.83	9.	3.	1.	0.32
	HYDROGRAPH AT	DRN11J	30.	12.08	8.	2.	1.	0.56
+	ROUTED TO	RN11JW	30.	12.67	8.	2.	1.	0.56
+	2 COMBINED AT	CX4	86.	12.83	17.	5.	3.	0.39
+	ROUTED TO	RX4	74.	13.33	17.	5.	3.	0.39
+	HYDROGRAPH AT	A09O	136.	12.50	21.	5.	3.	0.19
+	3 COMBINED AT	CA09O	218.	12.75	55.	14.	8.	0.90
+	DIVERSION TO	A09OI	0.	12.75	0.	0.	0.	0.90
+	HYDROGRAPH AT	DA09O	218.	12.75	55.	14.	8.	0.90
+	ROUTED TO	RA09OS	211.	12.92	55.	14.	8.	0.90
+	HYDROGRAPH AT	DRN11G	0.	12.42	0.	0.	0.	1.08
+	ROUTED TO	RN11GW	0.	13.58	0.	0.	0.	1.08
+	HYDROGRAPH AT	A09K	360.	12.42	43.	11.	6.	0.41
	2 COMBINED AT	CA09K	360.	12.42	43.	11.	6.	0.41
	DIVERSION TO							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		A09KI	288.	12.42	35.	9.	5.	0.41
+	HYDROGRAPH AT	DA09K	72.	12.42	9.	2.	1.	0.41
+	ROUTED TO	RA09KW	58.	12.83	9.	2.	1.	0.41
+	2 COMBINED AT	CX7	265.	12.92	63.	16.	9.	1.31
+	DIVERSION TO	X7I	0.	12.92	0.	0.	0.	1.31
+	HYDROGRAPH AT	DX7	265.	12.92	63.	16.	9.	1.31
+	ROUTED TO	RX7S	250.	13.08	63.	16.	9.	1.31
+	DIVERSION TO	AX25I	82.	13.08	19.	5.	3.	1.31
+	HYDROGRAPH AT	DX25	167.	13.08	44.	11.	6.	1.31
+	ROUTED TO	RX25E	166.	13.17	44.	11.	6.	1.31
+	HYDROGRAPH AT	DRX25	82.	13.08	19.	5.	3.	1.31
+	ROUTED TO	RX25W	77.	13.42	19.	5.	3.	1.31
+	HYDROGRAPH AT	DRA09K	288.	12.42	35.	9.	5.	0.41
+	ROUTED TO	RA09KS	239.	12.67	35.	9.	5.	0.41
+	HYDROGRAPH AT	A09G	271.	12.25	23.	6.	3.	0.22
+	DIVERSION TO	A09GI	163.	12.25	14.	3.	2.	0.22
+	HYDROGRAPH AT	DA09G	109.	12.25	9.	2.	1.	0.22
+	2 COMBINED AT	CA09G	261.	12.67	43.	11.	6.	0.63
+	ROUTED TO	RA09GW	223.	12.92	43.	11.	6.	0.63
+	HYDROGRAPH AT	A09J	168.	12.33	18.	4.	3.	0.17
+	HYDROGRAPH AT	DRX7	0.	12.92	0.	0.	0.	1.31
+	ROUTED TO	RX7W	0.	13.67	0.	0.	0.	1.31
+	2 COMBINED AT	CA09J	168.	12.33	18.	5.	3.	0.17
+	DIVERSION TO	A09JI	1.	12.33	0.	0.	0.	0.17
+	HYDROGRAPH AT	DA09J	167.	12.33	18.	4.	3.	0.17
+	ROUTED TO	RA09JS	129.	12.67	18.	4.	3.	0.17

OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
HYDROGRAPH AT	A09H	280.	12.33	27.	7.	4.	0.25
+ 5 COMBINED AT	CA09H	485.	13.00	147.	37.	22.	2.35
+ ROUTED TO	RA09H	472.	13.42	146.	37.	22.	2.35
+ HYDROGRAPH AT	DRA09G	163.	12.25	14.	3.	2.	0.22
+ ROUTED TO	RA09GS	113.	12.75	14.	3.	2.	0.22
+ HYDROGRAPH AT	A09F	395.	12.25	59.	17.	10.	0.37
+ DIVERSION TO	LA09FD	378.	12.17	28.	8.	4.	0.37
+ HYDROGRAPH AT	LA09F	330.	12.42	36.	10.	6.	0.37
+ 3 COMBINED AT	CA09F	537.	13.33	193.	50.	29.	2.72
+ DIVERSION TO	A09FI	111.	13.33	27.	7.	4.	2.72
+ HYDROGRAPH AT	DA09F	425.	13.33	166.	43.	25.	2.72
+ ROUTED TO	RA09FW	425.	13.50	165.	43.	25.	2.72
+ HYDROGRAPH AT	A09I	235.	12.17	29.	8.	5.	0.17
+ DIVERSION TO	LA09ID	235.	12.17	18.	5.	3.	0.17
+ HYDROGRAPH AT	LA09I	146.	12.42	13.	3.	2.	0.17
+ DIVERSION TO	A09II	145.	12.42	13.	3.	2.	0.17
+ HYDROGRAPH AT	DA09I	1.	12.42	0.	0.	0.	0.17
+ ROUTED TO	RA09IS	0.	13.00	0.	0.	0.	0.17
+ HYDROGRAPH AT	A09E	107.	12.33	26.	8.	5.	0.15
+ DIVERSION TO	LA09ED	107.	12.33	16.	4.	3.	0.15
+ HYDROGRAPH AT	LA09E	66.	12.92	12.	4.	2.	0.15
+ 3 COMBINED AT	CA09E	464.	13.25	176.	46.	27.	2.87
+ ROUTED TO	RA09E	461.	13.42	176.	46.	27.	2.87
+ HYDROGRAPH AT	A09S	97.	12.17	8.	2.	1.	0.07
+ HYDROGRAPH AT	DRA09R	0.	12.33	0.	0.	0.	0.32
ROUTED TO							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		RA09RW	0.	13.00	0.	0.	0.	0.32
+	2 COMBINED AT	CA09S	98.	12.17	8.	2.	1.	0.07
+	DIVERSION TO	A09SI	0.	12.17	0.	0.	0.	0.07
+	HYDROGRAPH AT	DA09S	97.	12.17	8.	2.	1.	0.07
+	ROUTED TO	RA09SS	69.	12.58	8.	2.	1.	0.07
+	HYDROGRAPH AT	A09Q	222.	12.33	24.	6.	4.	0.22
+	HYDROGRAPH AT	A09P	132.	12.42	20.	5.	3.	0.18
+	HYDROGRAPH AT	DRA09O	0.	12.75	0.	0.	0.	0.90
+	ROUTED TO	RA09OW	0.	13.33	0.	0.	0.	0.90
+	2 COMBINED AT	CA09P	132.	12.42	20.	5.	3.	0.18
+	ROUTED TO	RA09P	128.	12.50	20.	5.	3.	0.18
+	3 COMBINED AT	CA09Q	351.	12.42	51.	13.	8.	0.47
+	DIVERSION TO	A09QI	1.	12.42	0.	0.	0.	0.47
+	HYDROGRAPH AT	DA09Q	351.	12.42	51.	13.	7.	0.47
+	ROUTED TO	RA09QS	337.	12.58	51.	13.	7.	0.47
+	HYDROGRAPH AT	A09M	361.	12.08	31.	8.	5.	0.25
+	DIVERSION TO	LA09MD	359.	12.08	16.	4.	2.	0.25
+	HYDROGRAPH AT	LA09M	284.	12.17	16.	4.	2.	0.25
+	2 COMBINED AT	CA09M	400.	12.50	66.	17.	10.	0.71
+	ROUTED TO	RA09M	394.	12.50	66.	17.	10.	0.71
+	HYDROGRAPH AT	A09N	101.	12.50	17.	4.	3.	0.11
+	DIVERSION TO	LA09ND	101.	12.50	10.	3.	2.	0.11
+	HYDROGRAPH AT	LA09N	57.	12.92	7.	2.	1.	0.11
+	2 COMBINED AT	CA09N	394.	12.50	72.	18.	11.	0.82
+	ROUTED TO	RA09N	390.	12.75	72.	18.	11.	0.82
+	HYDROGRAPH AT	DRA09J	1.	12.33	0.	0.	0.	0.17

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	ROUTED TO	RA09JW	0.	12.58	0.	0.	0.	0.17
+	HYDROGRAPH AT	A09L	129.	12.25	22.	6.	4.	0.14
+	DIVERSION TO	LA09LD	129.	12.25	17.	4.	3.	0.14
+	HYDROGRAPH AT	LA09L	43.	12.92	7.	2.	1.	0.14
+	3 COMBINED AT	CA09L	406.	12.75	78.	20.	12.	0.96
+	DIVERSION TO	A09LI	1.	12.75	0.	0.	0.	0.96
+	HYDROGRAPH AT	DA09L	405.	12.75	78.	20.	12.	0.96
+	ROUTED TO	RA09LS	400.	13.00	77.	20.	12.	0.96
+	HYDROGRAPH AT	DRA09I	145.	12.42	13.	3.	2.	0.17
+	ROUTED TO	RA09IW	119.	12.50	12.	3.	2.	0.17
+	2 COMBINED AT	CX10	428.	13.00	88.	23.	13.	1.34
+	DIVERSION TO	X10I	330.	13.00	32.	8.	5.	1.34
	HYDROGRAPH AT	DX10	261.	13.42	56.	15.	9.	1.34
+	HYDROGRAPH AT	A09D	525.	12.08	50.	15.	9.	0.25
+	DIVERSION TO	LA09DD	470.	12.00	30.	8.	5.	0.25
+	HYDROGRAPH AT	LA09D	413.	12.17	24.	7.	4.	0.25
+	2 COMBINED AT	CA09D	391.	12.17	79.	21.	12.	1.59
+	HYDROGRAPH AT	DRX10	330.	13.00	32.	8.	5.	1.34
+	ROUTED TO	RX10W	318.	13.08	32.	8.	5.	1.34
+	DIVERSION TO	X11I	9.	13.08	1.	0.	0.	1.34
+	HYDROGRAPH AT	DX11	309.	13.08	31.	8.	5.	1.34
+	ROUTED TO	RX11S	305.	13.17	31.	8.	5.	1.34
+	3 COMBINED AT	CA09C*	910.	13.33	281.	74.	43.	4.46
+	ROUTED TO	RA09C*	907.	13.33	281.	74.	43.	4.46
+	HYDROGRAPH AT	A09C	81.	12.25	8.	2.	1.	0.07
	2 COMBINED AT							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		CA09C	910.	13.33	288.	76.	44.	4.53
+	ROUTED TO	RA09C	907.	13.42	288.	76.	44.	4.53
+	HYDROGRAPH AT	A09B	95.	12.00	9.	3.	2.	0.04
+	ROUTED TO	RA09B	60.	12.50	9.	3.	2.	0.04
+	HYDROGRAPH AT	A09A	54.	12.33	12.	4.	2.	0.08
+	3 COMBINED AT	CA09A	930.	13.42	306.	82.	48.	4.66
+	DIVERSION TO	A09AI	790.	13.42	193.	48.	28.	4.66
+	HYDROGRAPH AT	DA09AO	140.	12.33	113.	34.	20.	4.66
+	ROUTED TO	RA09AW	140.	13.42	110.	34.	20.	4.66
+	HYDROGRAPH AT	A99T	48.	12.00	2.	1.	0.	0.03
+	DIVERSION TO	LA99TD	48.	12.00	2.	0.	0.	0.03
+	HYDROGRAPH AT	LA99T	22.	12.17	1.	0.	0.	0.03
+	ROUTED TO	RA99T	10.	12.33	1.	0.	0.	0.03
+	HYDROGRAPH AT	A09	220.	12.25	17.	4.	3.	0.18
+	3 COMBINED AT	CA09	216.	12.25	117.	38.	22.	4.86
+	HYDROGRAPH AT	DRA09F	111.	13.33	27.	7.	4.	2.72
+	ROUTED TO	RA09FS	110.	13.33	27.	7.	4.	2.72
+	HYDROGRAPH AT	S30D	191.	12.17	27.	8.	5.	0.13
+	2 COMBINED AT	CS30D	185.	12.17	53.	15.	8.	2.85
+	ROUTED TO	RS30D	133.	12.58	52.	15.	8.	2.85
+	HYDROGRAPH AT	S30B	252.	12.42	70.	21.	12.	0.40
+	HYDROGRAPH AT	S30C	406.	12.33	99.	30.	17.	0.46
+	3 COMBINED AT	CS30B	769.	12.42	216.	64.	37.	3.70
+	DIVERSION TO	DS30BI	219.	12.42	18.	5.	3.	3.70
+	HYDROGRAPH AT	DS30BO	550.	12.33	197.	60.	35.	3.70
+	ROUTED TO	RS30BW	550.	12.67	197.	60.	35.	3.70

OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
HYDROGRAPH AT	S30A	432.	12.42	96.	28.	16.	0.53
+ 2 COMBINED AT	CS30A	929.	12.58	290.	87.	51.	4.23
+ DIVERSION TO	DS30AI	379.	12.58	47.	12.	7.	4.23
+ HYDROGRAPH AT	DS30AO	550.	12.42	243.	75.	44.	4.23
+ ROUTED TO	RS30AW	550.	12.67	243.	75.	44.	4.23
+ HYDROGRAPH AT	S30	281.	12.25	51.	15.	9.	0.32
+ 2 COMBINED AT	CS30	792.	12.42	292.	90.	52.	4.56
+ ROUTED TO	RS30	789.	12.42	292.	90.	52.	4.56
+ HYDROGRAPH AT	A07G	483.	12.08	51.	14.	8.	0.26
+ DIVERSION TO	LA07GD	483.	12.08	28.	8.	4.	0.26
+ HYDROGRAPH AT	LA07G	339.	12.25	26.	7.	4.	0.26
+ ROUTED TO	RA07G	169.	12.58	26.	7.	4.	0.26
+ HYDROGRAPH AT	A07F	157.	12.33	41.	12.	7.	0.23
+ ROUTED TO	RA07F	155.	12.50	41.	12.	7.	0.23
+ HYDROGRAPH AT	A07E	361.	12.17	51.	16.	9.	0.23
+ 3 COMBINED AT	CA07E	502.	12.42	114.	35.	20.	0.72
+ ROUTED TO	RA07E	488.	12.50	114.	35.	20.	0.72
+ HYDROGRAPH AT	A07C	204.	12.25	21.	5.	3.	0.17
+ 2 COMBINED AT	CA07C	649.	12.33	134.	40.	23.	0.89
+ ROUTED TO	RA07C	644.	12.33	134.	40.	23.	0.89
+ HYDROGRAPH AT	A07H	179.	12.00	15.	4.	3.	0.09
+ ROUTED TO	RA07H	156.	12.25	15.	4.	3.	0.09
+ HYDROGRAPH AT	DA09A	790.	13.42	193.	48.	28.	4.66
+ ROUTED TO	RA09AS	765.	13.50	193.	48.	28.	4.66
+ HYDROGRAPH AT	A08B	99.	12.17	13.	4.	2.	0.10
2 COMBINED AT							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		CA08B	770.	13.50	205.	52.	30.	4.75
+	ROUTED TO	RA08B	723.	13.75	205.	52.	30.	4.75
+	HYDROGRAPH AT	A07D	79.	12.67	27.	7.	4.	0.23
+	4 COMBINED AT	CA07D	881.	13.67	373.	101.	59.	5.97
+	ROUTED TO	RA07D	873.	13.83	372.	101.	59.	5.97
+	HYDROGRAPH AT	A07B	676.	12.25	96.	27.	16.	0.65
+	DIVERSION TO	LA07BD	549.	12.08	35.	10.	6.	0.65
+	HYDROGRAPH AT	LA07B	676.	12.25	67.	18.	10.	0.65
+	3 COMBINED AT	CA07B	1995.	12.50	713.	205.	119.	11.17
+	ROUTED TO	RA07B	1793.	12.67	713.	205.	119.	11.17
+	HYDROGRAPH AT	A06A	361.	12.17	42.	12.	7.	0.28
+	2 COMBINED AT	CA06A	1869.	12.67	751.	216.	125.	11.45
+	HYDROGRAPH AT	A07A	70.	12.33	17.	5.	3.	0.12
+	ROUTED TO	RA07A	69.	12.42	17.	5.	3.	0.12
+	HYDROGRAPH AT	A07	218.	12.00	11.	3.	2.	0.12
+	2 COMBINED AT	CA07	232.	12.08	27.	8.	4.	0.24
+	ROUTED TO	RA07	91.	12.50	27.	8.	4.	0.24
+	HYDROGRAPH AT	A06	382.	12.17	24.	6.	3.	0.28
+	3 COMBINED AT	CA06	1960.	12.67	796.	228.	132.	11.97
+	ROUTED TO	RA06	1934.	12.92	795.	228.	132.	11.97
+	HYDROGRAPH AT	A99Q	241.	12.00	11.	3.	2.	0.12
+	2 COMBINED AT	CA99Q	1934.	12.92	804.	231.	134.	12.09
+	3 COMBINED AT	DUMMY1	4044.	12.92	1338.	377.	218.	20.66
+	DIVERSION TO	DUMMYO	4044.	12.92	1338.	377.	218.	20.66
+	HYDROGRAPH AT	DUMMY	0.	0.08	0.	0.	0.	20.66
+	ROUTED TO	EMPTY	0.	0.08	0.	0.	0.	20.66

OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
HYDROGRAPH AT	S10V	209.	12.25	37.	12.	7.	0.20
+ ROUTED TO	RS10V	185.	12.75	37.	12.	7.	0.20
+ HYDROGRAPH AT	S10U	94.	12.25	17.	5.	3.	0.11
+ 2 COMBINED AT	CS10U	235.	12.67	53.	16.	10.	0.30
+ ROUTED TO	RS10U	213.	12.83	53.	16.	10.	0.30
+ HYDROGRAPH AT	S10T	320.	12.25	64.	20.	11.	0.34
+ 2 COMBINED AT	CS10T	403.	12.33	116.	36.	21.	0.64
+ ROUTED TO	RS10T	400.	12.50	116.	36.	21.	0.64
+ HYDROGRAPH AT	DS30BX	219.	12.42	18.	5.	3.	3.70
+ ROUTED TO	RS30BS	121.	12.75	18.	5.	3.	3.70
+ HYDROGRAPH AT	S10S	673.	12.25	114.	36.	21.	0.49
+ 3 COMBINED AT	CS10S	1025.	12.33	242.	74.	43.	4.84
+ ROUTED TO	RS10S	981.	12.42	242.	74.	43.	4.84
+ HYDROGRAPH AT	S10Q	253.	12.33	57.	18.	11.	0.25
+ 2 COMBINED AT	CS10Q	1216.	12.42	297.	92.	53.	5.10
+ ROUTED TO	RS10Q	1157.	12.58	297.	92.	53.	5.10
+ HYDROGRAPH AT	DRS10R	16.	12.25	4.	1.	1.	0.03
+ ROUTED TO	RS10RW	15.	12.92	4.	1.	1.	0.03
+ HYDROGRAPH AT	S10O	816.	12.33	146.	45.	26.	0.79
+ 3 COMBINED AT	CS10O	1842.	12.42	442.	136.	79.	5.89
+ HYDROGRAPH AT	S10J	111.	12.17	14.	4.	2.	0.08
+ DIVERSION TO	S10JI	65.	12.17	8.	2.	1.	0.08
+ HYDROGRAPH AT	DS10JO	46.	12.17	6.	2.	1.	0.08
+ ROUTED TO	RS10JW	46.	12.17	6.	2.	1.	0.08
+ 2 COMBINED AT	CS10KN	1867.	12.42	448.	138.	80.	5.97
ROUTED TO							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		RS10KN	1858.	12.50	448.	138.	80.	5.97
+	HYDROGRAPH AT	S10JX	65.	12.17	8.	2.	1.	0.08
+	ROUTED TO	RS10JS	60.	12.25	8.	2.	1.	0.08
+	HYDROGRAPH AT	S10I	144.	12.17	24.	7.	4.	0.13
+	2 COMBINED AT	CS10I	203.	12.17	32.	9.	5.	0.13
+	DIVERSION TO	S10II	119.	12.17	18.	5.	3.	0.13
+	HYDROGRAPH AT	DS10IO	84.	12.17	13.	4.	2.	0.13
+	ROUTED TO	RS10IW	84.	12.25	13.	4.	2.	0.13
+	2 COMBINED AT	CS10KM	1916.	12.50	461.	142.	83.	6.11
+	ROUTED TO	RS10KM	1883.	12.58	461.	142.	83.	6.11
+	HYDROGRAPH AT	S10IX	119.	12.17	18.	5.	3.	0.13
+	ROUTED TO	RS10IS	114.	12.33	18.	5.	3.	0.13
+	HYDROGRAPH AT	S10N	146.	12.25	26.	8.	5.	0.14
+	2 COMBINED AT	CS10N	250.	12.25	44.	13.	8.	0.35
+	DIVERSION TO	S10NI	125.	12.25	22.	7.	4.	0.35
+	HYDROGRAPH AT	DS10NO	125.	12.25	22.	7.	4.	0.35
+	ROUTED TO	RS10NW	125.	12.33	22.	7.	4.	0.35
+	HYDROGRAPH AT	S10K	340.	12.25	72.	23.	13.	0.34
+	3 COMBINED AT	CS10K	2256.	12.50	551.	170.	99.	6.58
+	ROUTED TO	RS10K	2174.	12.67	551.	170.	99.	6.58
+	HYDROGRAPH AT	S10NX	125.	12.25	22.	7.	4.	0.35
+	ROUTED TO	RS10NS	115.	12.50	22.	7.	4.	0.35
+	HYDROGRAPH AT	S10G	412.	12.17	54.	16.	9.	0.28
+	3 COMBINED AT	CS10G	2418.	12.58	624.	192.	112.	6.86
+	ROUTED TO	RS10G	2355.	12.67	624.	192.	112.	6.86
+	DIVERSION TO	X40I	550.	12.33	218.	78.	45.	6.86

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	HYDROGRAPH AT	DX40	1805.	12.67	405.	115.	66.	6.86
+	ROUTED TO	RX40S	1758.	12.83	405.	115.	66.	6.86
+	HYDROGRAPH AT	S10D	369.	12.42	93.	30.	17.	0.46
+	2 COMBINED AT	CS10D	2029.	12.75	495.	143.	83.	7.32
+	HYDROGRAPH AT	DS30X	379.	12.58	47.	12.	7.	4.23
+	ROUTED TO	RS30AS	355.	12.92	47.	12.	7.	4.23
+	HYDROGRAPH AT	S10P	295.	12.33	63.	20.	12.	0.33
+	2 COMBINED AT	CS10P	499.	12.83	108.	31.	18.	4.56
+	ROUTED TO	RS10P	356.	13.67	108.	31.	18.	4.56
+	HYDROGRAPH AT	S10E	259.	12.83	114.	36.	21.	0.63
+	2 COMBINED AT	CS10E	552.	13.58	219.	66.	38.	5.19
+	ROUTED TO	RS10E	546.	13.67	219.	66.	38.	5.19
+	HYDROGRAPH AT	S10M	502.	12.17	79.	24.	14.	0.35
+	ROUTED TO	RS10M	401.	12.50	79.	24.	14.	0.35
+	2 COMBINED AT	CS10E*	615.	13.58	293.	89.	52.	5.54
+	ROUTED TO	RS10E*	615.	13.58	293.	89.	52.	5.54
+	HYDROGRAPH AT	S10F	234.	12.42	61.	19.	11.	0.33
+	ROUTED TO	RS10F	219.	12.75	61.	19.	11.	0.33
+	2 COMBINED AT	CS10F*	818.	12.75	352.	107.	62.	5.88
+	ROUTED TO	RS10F*	798.	12.92	352.	107.	62.	5.88
+	HYDROGRAPH AT	S10C	223.	12.67	90.	30.	18.	0.37
+	3 COMBINED AT	CS10C	2965.	12.83	908.	273.	159.	13.57
+	ROUTED TO	RS10C	2951.	12.83	908.	273.	159.	13.57
+	HYDROGRAPH AT	DRX40	550.	12.33	218.	78.	45.	6.86
+	ROUTED TO	RX40E	550.	13.00	218.	78.	45.	6.86
	HYDROGRAPH AT							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	HYDROGRAPH AT	S10B	137.	12.25	29.	9.	5.	0.14
+	2 COMBINED AT	CS10B	671.	12.42	252.	88.	51.	0.14
+	ROUTED TO	RS10B	668.	12.50	252.	88.	51.	0.14
+	HYDROGRAPH AT	S10A	33.	12.33	9.	3.	2.	0.05
+	HYDROGRAPH AT	S10	103.	12.25	24.	7.	4.	0.11
+	4 COMBINED AT	CS10	3656.	12.83	1179.	367.	213.	13.87
+	ROUTED TO	RS10	3649.	12.83	1179.	367.	213.	13.87
+	HYDROGRAPH AT	N06	668.	12.25	109.	34.	20.	0.59
+	4 COMBINED AT	CN06	6986.	13.00	4445.	1671.	1067.	52.61
+	ROUTED TO	RN06	6948.	13.08	4436.	1671.	1066.	52.61
+	HYDROGRAPH AT	N05C	240.	12.33	48.	14.	8.	0.28
+	2 COMBINED AT	CN05C	7020.	13.08	4467.	1682.	1073.	52.89
	ROUTED TO	RN05C	6981.	13.17	4455.	1682.	1071.	52.89
+	HYDROGRAPH AT	N05B	148.	12.58	56.	18.	10.	0.31
+	DIVERSION TO	DN05BI	133.	12.58	51.	16.	9.	0.31
+	HYDROGRAPH AT	DN05B	15.	12.58	6.	2.	1.	0.31
+	ROUTED TO	RN05BE	15.	12.75	6.	2.	1.	0.31
+	HYDROGRAPH AT	N05A	226.	12.17	34.	11.	6.	0.17
+	HYDROGRAPH AT	N05	263.	12.33	61.	20.	11.	0.28
+	4 COMBINED AT	CN05	7099.	13.08	4511.	1706.	1087.	53.65
+	ROUTED TO	RN05	7074.	13.25	4508.	1706.	1085.	53.65
+	HYDROGRAPH AT	DN05BX	133.	12.58	51.	16.	9.	0.31
+	ROUTED TO	RN05BS	130.	12.83	51.	16.	9.	0.31
+	HYDROGRAPH AT	N04A	69.	12.25	14.	5.	3.	0.07
	3 COMBINED AT	CN04A	7191.	13.17	4558.	1723.	1096.	53.72
	ROUTED TO							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
		RN04A	7153.	13.33	4550.	1724.	1094.	53.72
+	HYDROGRAPH AT	N04	457.	12.67	161.	50.	29.	0.83
+	DIVERSION TO	LN04D	88.	12.00	23.	8.	4.	0.83
+	HYDROGRAPH AT	LN04	457.	12.67	155.	43.	25.	0.83
+	2 COMBINED AT	CN04	7461.	13.33	4661.	1758.	1114.	54.54
+	ROUTED TO	RN04	7438.	13.33	4660.	1758.	1113.	54.54
+	HYDROGRAPH AT	S01G	324.	12.25	60.	18.	11.	0.28
+	ROUTED TO	RS01G	263.	12.67	60.	18.	11.	0.28
+	HYDROGRAPH AT	S01D	396.	12.50	112.	34.	20.	0.63
+	2 COMBINED AT	CS01D	645.	12.58	171.	52.	30.	0.91
+	ROUTED TO	RS01D	603.	12.83	170.	52.	30.	0.91
+	HYDROGRAPH AT	S01H	220.	12.42	55.	17.	10.	0.32
+	ROUTED TO	RS01H	209.	12.58	55.	17.	10.	0.32
+	HYDROGRAPH AT	S01E	235.	12.25	39.	12.	7.	0.23
+	2 COMBINED AT	CS01E	374.	12.42	93.	28.	16.	0.55
+	ROUTED TO	RS01E	358.	12.67	93.	28.	16.	0.55
+	HYDROGRAPH AT	S01C	359.	12.33	74.	23.	13.	0.40
+	3 COMBINED AT	CS01C	1174.	12.67	333.	102.	59.	1.87
+	ROUTED TO	RS01C	1172.	12.75	333.	102.	59.	1.87
+	HYDROGRAPH AT	S01I	228.	12.25	44.	14.	8.	0.23
+	ROUTED TO	RS01I	210.	12.42	44.	14.	8.	0.23
+	HYDROGRAPH AT	S01F	125.	12.25	23.	7.	4.	0.15
+	2 COMBINED AT	CS01F	321.	12.42	66.	20.	12.	0.38
+	ROUTED TO	RS01F	299.	12.67	66.	20.	12.	0.38
+	HYDROGRAPH AT	S01B	317.	12.25	59.	19.	11.	0.31
+	3 COMBINED AT	CS01B	1632.	12.67	454.	139.	81.	2.56

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	ROUTED TO	RS01B	1615.	12.75	454.	139.	81.	2.56
+	HYDROGRAPH AT	S01A	228.	12.42	56.	17.	10.	0.35
+	2 COMBINED AT	CS01A	1796.	12.75	508.	156.	90.	2.91
+	ROUTED TO	RS01A	1785.	12.75	507.	156.	90.	2.91
+	HYDROGRAPH AT	S01	148.	12.50	46.	14.	8.	0.26
+	2 COMBINED AT	CS01	1914.	12.75	551.	169.	98.	3.16
+	ROUTED TO	RS01	1911.	12.75	551.	169.	98.	3.16
+	2 COMBINED AT	CN03*	8577.	13.33	5070.	1893.	1195.	57.71
+	ROUTED TO	RN03*	8518.	13.42	5063.	1893.	1192.	57.71
+	HYDROGRAPH AT	N03A	234.	12.42	65.	20.	12.	0.39
+	ROUTED TO	RN03A	233.	12.50	65.	20.	12.	0.39
+	HYDROGRAPH AT	N03B	522.	12.42	123.	33.	19.	0.63
	ROUTED TO	RN03B	521.	12.42	123.	33.	19.	0.63
+	HYDROGRAPH AT	N03	316.	12.58	94.	28.	16.	0.60
+	4 COMBINED AT	CN03	8941.	13.42	5231.	1955.	1230.	59.33
+	ROUTED TO	RN03	8898.	13.50	5223.	1955.	1229.	59.33
+	HYDROGRAPH AT	N02B	121.	12.33	23.	7.	4.	0.15
+	DIVERSION TO	LN02BD	101.	12.17	6.	2.	1.	0.15
+	HYDROGRAPH AT	LN02B	121.	12.33	19.	5.	3.	0.15
+	2 COMBINED AT	CN02B	8916.	13.50	5233.	1958.	1231.	59.48
+	ROUTED TO	RN02B	8894.	13.58	5225.	1958.	1229.	59.48
+	HYDROGRAPH AT	N02	744.	12.50	117.	33.	19.	0.76
+	HYDROGRAPH AT	N02A	237.	12.17	27.	8.	5.	0.18
+	3 COMBINED AT	CN02	8974.	13.58	5275.	1989.	1248.	60.42
	HYDROGRAPH AT	S20A	173.	12.25	38.	12.	7.	0.16
	ROUTED TO							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	HYDROGRAPH AT	S20	162.	12.25	33.	10.	6.	0.14
+	2 COMBINED AT	CS20	323.	12.33	70.	22.	12.	0.30
+	ROUTED TO	RS20	322.	12.33	70.	22.	12.	0.30
+	HYDROGRAPH AT	A05A	181.	12.17	32.	9.	5.	0.14
+	ROUTED TO	RA05A	156.	12.67	32.	9.	5.	0.14
+	HYDROGRAPH AT	A99N	235.	12.17	34.	11.	6.	0.16
+	3 COMBINED AT	CA99N	532.	12.25	134.	41.	24.	0.60
+	HYDROGRAPH AT	DRA09S	0.	12.17	0.	0.	0.	0.07
+	ROUTED TO	RA09SW	0.	12.67	0.	0.	0.	0.07
+	HYDROGRAPH AT	A99Y	277.	12.42	33.	8.	5.	0.32
+	2 COMBINED AT	CA99Y	277.	12.42	33.	8.	5.	0.32
+	HYDROGRAPH AT	A99X	487.	12.08	47.	15.	9.	0.26
	HYDROGRAPH AT	DRA09Q	1.	12.42	0.	0.	0.	0.47
+	ROUTED TO	RA09QW	0.	13.08	0.	0.	0.	0.47
+	HYDROGRAPH AT	A10A	293.	12.17	24.	6.	4.	0.19
+	2 COMBINED AT	CA10A	293.	12.17	24.	6.	4.	0.19
+	ROUTED TO	RA10A	239.	12.33	24.	6.	4.	0.19
+	HYDROGRAPH AT	A10	365.	12.08	24.	6.	4.	0.21
+	2 COMBINED AT	CA10	507.	12.17	48.	12.	7.	0.40
+	5 COMBINED AT	DUMMY2	9173.	13.50	5391.	2048.	1284.	62.01
+	HYDROGRAPH AT	DRX11I	9.	13.08	1.	0.	0.	1.34
+	ROUTED TO	RX11W	7.	13.17	1.	0.	0.	1.34
+	HYDROGRAPH AT	A99V	276.	12.25	26.	7.	4.	0.21
+	2 COMBINED AT	CA99V	276.	12.25	27.	7.	4.	0.21
+	HYDROGRAPH AT	DRA09L	1.	12.75	0.	0.	0.	0.96
	ROUTED TO							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		RA09LW	1.	13.25	0.	0.	0.	0.96
+	HYDROGRAPH AT	A99W	218.	12.25	35.	10.	6.	0.22
+	DIVERSION TO	LA99WD	197.	12.17	13.	4.	2.	0.22
+	HYDROGRAPH AT	LA99W	199.	12.33	23.	6.	3.	0.22
+	2 COMBINED AT	CA99W	199.	12.33	23.	6.	4.	0.22
+	HYDROGRAPH AT	A99U	64.	12.25	7.	2.	1.	0.07
+	HYDROGRAPH AT	A99S	44.	12.50	7.	2.	1.	0.08
+	HYDROGRAPH AT	A08A	56.	12.50	17.	5.	3.	0.14
+	ROUTED TO	RA08A	54.	12.75	17.	5.	3.	0.14
+	HYDROGRAPH AT	A99R	58.	12.08	4.	1.	1.	0.04
+	ROUTED TO	RA99R	41.	12.33	4.	1.	1.	0.04
+	HYDROGRAPH AT	A08	151.	12.00	8.	2.	1.	0.08
+	3 COMBINED AT	CA08	158.	12.00	29.	8.	5.	0.25
+	6 COMBINED AT	DUMMY3	9225.	13.50	5449.	2066.	1294.	62.83
+	HYDROGRAPH AT	A99P	682.	12.17	98.	29.	17.	0.57
+	HYDROGRAPH AT	A05	252.	12.00	18.	5.	3.	0.13
+	HYDROGRAPH AT	A99O	201.	12.08	17.	5.	3.	0.10
+	HYDROGRAPH AT	A99M	140.	12.00	14.	5.	3.	0.06
+	HYDROGRAPH AT	A99L	184.	12.00	15.	5.	3.	0.08
+	6 COMBINED AT	DUMMY4	9269.	13.50	5544.	2103.	1318.	63.77
+	HYDROGRAPH AT	A99K	162.	12.08	21.	7.	4.	0.11
+	HYDROGRAPH AT	A99J	164.	12.17	28.	9.	5.	0.14
+	HYDROGRAPH AT	A99I	212.	12.08	26.	8.	5.	0.14
+	HYDROGRAPH AT	A04A	282.	12.17	42.	13.	8.	0.22
+	ROUTED TO	RA04A	264.	12.25	42.	13.	8.	0.22
+	HYDROGRAPH AT	A04	75.	12.25	7.	2.	1.	0.08

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	2 COMBINED AT	CA04	337.	12.25	48.	15.	8.	0.30
+	ROUTED TO	RA04	274.	12.58	48.	15.	8.	0.30
+	HYDROGRAPH AT	A03D	58.	12.58	9.	2.	1.	0.13
+	2 COMBINED AT	CA03D	330.	12.58	57.	17.	10.	0.43
+	ROUTED TO	RA03D	256.	12.83	57.	17.	10.	0.43
+	HYDROGRAPH AT	A03E	144.	12.17	23.	7.	4.	0.15
+	ROUTED TO	RA03E	137.	12.33	23.	7.	4.	0.15
+	HYDROGRAPH AT	A03B	97.	12.08	7.	2.	1.	0.07
+	2 COMBINED AT	CA03B	193.	12.17	30.	9.	5.	0.23
+	ROUTED TO	RA03B	161.	12.75	30.	9.	5.	0.23
+	HYDROGRAPH AT	A03A	156.	12.25	14.	4.	2.	0.14
+	2 COMBINED AT	CA03A	191.	12.67	44.	13.	7.	0.37
	ROUTED TO	RA03A	183.	12.83	44.	13.	7.	0.37
+	HYDROGRAPH AT	A03	112.	12.75	22.	6.	3.	0.28
+	3 COMBINED AT	CA03	540.	12.75	121.	34.	20.	1.07
+	5 COMBINED AT	DUMMY5	9496.	13.50	5690.	2147.	1345.	65.23
+	HYDROGRAPH AT	A99G	44.	12.00	2.	0.	0.	0.02
+	DIVERSION TO	LA99GD	44.	11.92	2.	0.	0.	0.02
+	HYDROGRAPH AT	LA99G	21.	12.08	0.	0.	0.	0.02
+	HYDROGRAPH AT	A99H	21.	13.00	7.	2.	1.	0.10
+	DIVERSION TO	LA99HD	21.	13.00	6.	2.	1.	0.10
+	HYDROGRAPH AT	LA99H	2.	16.00	0.	0.	0.	0.10
+	ROUTED TO	RA99H	1.	17.00	0.	0.	0.	0.10
+	HYDROGRAPH AT	A02D	100.	12.00	4.	1.	1.	0.06
+	DIVERSION TO	LA02DD	97.	11.92	3.	1.	0.	0.06
	HYDROGRAPH AT							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		LA02D	48.	12.08	1.	0.	0.	0.06
+	ROUTED TO	RA02D	15.	12.25	1.	0.	0.	0.06
+	HYDROGRAPH AT	A99F	23.	13.17	8.	2.	1.	0.11
+	3 COMBINED AT	CA99F	23.	13.17	8.	2.	1.	0.28
+	HYDROGRAPH AT	A02	20.	12.08	1.	0.	0.	0.02
+	HYDROGRAPH AT	A01H	133.	12.00	6.	2.	1.	0.07
+	DIVERSION TO	LA01HD	132.	11.92	5.	1.	1.	0.07
+	HYDROGRAPH AT	LA01H	67.	12.08	2.	0.	0.	0.07
+	HYDROGRAPH AT	A99E	53.	12.00	3.	1.	0.	0.02
+	DIVERSION TO	LA99ED	51.	11.92	2.	0.	0.	0.02
+	HYDROGRAPH AT	LA99E	52.	12.00	1.	0.	0.	0.02
+	6 COMBINED AT	DUMMY6	9508.	13.50	5696.	2149.	1345.	65.64
+	HYDROGRAPH AT	A99B	94.	12.00	5.	1.	1.	0.05
+	HYDROGRAPH AT	A99C	50.	12.00	2.	1.	0.	0.03
+	DIVERSION TO	LA99CD	49.	11.92	2.	0.	0.	0.03
+	HYDROGRAPH AT	LA99C	25.	12.08	1.	0.	0.	0.03
+	HYDROGRAPH AT	A99D	65.	12.00	3.	1.	1.	0.03
+	DIVERSION TO	LA99DD	42.	11.92	2.	0.	0.	0.03
+	HYDROGRAPH AT	LA99D	65.	12.00	2.	0.	0.	0.03
+	HYDROGRAPH AT	A01A	61.	12.17	5.	1.	1.	0.05
+	ROUTED TO	RA01A	43.	12.50	5.	1.	1.	0.05
+	HYDROGRAPH AT	A01	172.	12.33	19.	5.	3.	0.20
+	2 COMBINED AT	CA01	204.	12.33	24.	6.	4.	0.25
+	HYDROGRAPH AT	A99A	253.	12.08	20.	6.	4.	0.13
+	DIVERSION TO	LA99AD	234.	12.00	13.	4.	2.	0.13
+	HYDROGRAPH AT	LA99A	171.	12.17	9.	3.	2.	0.13

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	HYDROGRAPH AT	A99	96.	12.33	11.	3.	2.	0.14
+	7 COMBINED AT	DUMMY7	9523.	13.50	5730.	2158.	1351.	66.26
+	HYDROGRAPH AT	A01E	149.	12.08	18.	6.	3.	0.08
+	DIVERSION TO	A01EI	89.	12.08	11.	4.	2.	0.08
+	HYDROGRAPH AT	DA01E	60.	12.08	7.	2.	1.	0.08
+	ROUTED TO	RA01ES	25.	13.67	7.	2.	1.	0.08
+	HYDROGRAPH AT	N01A	349.	12.33	39.	11.	6.	0.41
+	ROUTED TO	RN01A	301.	12.75	39.	11.	6.	0.41
+	HYDROGRAPH AT	N01	273.	12.75	109.	35.	20.	0.65
+	3 COMBINED AT	CN01	570.	12.75	154.	47.	27.	1.14
+	HYDROGRAPH AT	A03C	354.	12.17	48.	14.	8.	0.33
+	ROUTED TO	RA03C	318.	12.33	48.	14.	8.	0.33
	HYDROGRAPH AT	A02B	497.	12.08	40.	12.	7.	0.27
+	ROUTED TO	RA02B	464.	12.08	40.	12.	7.	0.27
+	2 COMBINED AT	CA02A*	632.	12.17	88.	26.	15.	0.60
+	ROUTED TO	RA02A*	535.	12.33	88.	26.	15.	0.60
+	HYDROGRAPH AT	A02A	367.	12.75	68.	18.	10.	0.61
+	HYDROGRAPH AT	A01G	428.	12.00	27.	8.	5.	0.19
+	DIVERSION TO	LA01GD	425.	11.92	18.	5.	3.	0.19
+	HYDROGRAPH AT	LA01G	294.	12.00	11.	3.	2.	0.19
+	3 COMBINED AT	CA01G	725.	12.58	163.	46.	27.	1.39
+	ROUTED TO	RA01G	708.	12.67	163.	46.	27.	1.39
+	HYDROGRAPH AT	A02C	309.	12.25	53.	16.	9.	0.33
+	DIVERSION TO	LA02CD	309.	12.25	23.	6.	4.	0.33
+	HYDROGRAPH AT	LA02C	276.	12.42	34.	9.	5.	0.33
	ROUTED TO							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		RA02C	132.	13.00	33.	9.	5.	0.33
+	HYDROGRAPH AT	A01F	293.	12.17	44.	13.	8.	0.28
+	DIVERSION TO	LA01FD	159.	12.00	11.	3.	2.	0.28
+	HYDROGRAPH AT	LA01F	293.	12.17	37.	10.	6.	0.28
+	2 COMBINED AT	CA01F	290.	12.17	69.	19.	11.	0.61
+	ROUTED TO	RA01F	289.	12.42	69.	19.	11.	0.61
+	HYDROGRAPH AT	A01D	349.	12.17	35.	11.	6.	0.21
+	DIVERSION TO	LA01DD	349.	12.17	24.	6.	4.	0.21
+	HYDROGRAPH AT	LA01D	193.	12.33	15.	4.	3.	0.21
+	HYDROGRAPH AT	DRA01E	89.	12.08	11.	4.	2.	0.08
+	ROUTED TO	RA01EW	79.	12.17	11.	4.	2.	0.08
+	3 COMBINED AT	CA01D	486.	12.33	92.	26.	15.	0.82
+	ROUTED TO	RA01D	414.	12.67	92.	26.	15.	0.82
+	HYDROGRAPH AT	A01C	312.	12.17	46.	16.	9.	0.22
+	DIVERSION TO	LA01CD	305.	12.08	26.	8.	4.	0.22
+	HYDROGRAPH AT	LA01C	253.	12.25	27.	8.	5.	0.22
+	HYDROGRAPH AT	A01B	234.	12.08	13.	4.	2.	0.15
+	DIVERSION TO	LA01BD	234.	12.08	9.	2.	1.	0.15
+	HYDROGRAPH AT	LA01B	100.	12.17	5.	1.	1.	0.15
+	4 COMBINED AT	CA01B	1191.	12.67	279.	80.	46.	2.58

*** NORMAL END OF HEC-1 ***

ACDC SUB-AREA MODEL

RUNOFF SUMMARY
FLOW IN CUBIC FEET PER SECOND
TIME IN HOURS, AREA IN SQUARE MILES

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA	MAXIMUM STAGE	TIME OF MAX STAGE
+	HYDROGRAPH AT	R381	864.	12.20	142.	36.	16.	1.61		
+	ROUTED TO	381101	855.	12.27	142.	36.	16.	1.61		
+	HYDROGRAPH AT	C386A	401.	12.33	86.	25.	11.	0.53		
+	DIVERSION TO	C386AR	379.	12.33	31.	9.	4.	0.53		
+	HYDROGRAPH AT	DC386A	401.	12.33	63.	17.	8.	0.53		
+	2 COMBINED AT	C101	1251.	12.33	204.	52.	24.	2.14		
+	DIVERSION TO	D101S	171.	12.33	24.	6.	3.	2.14		
+	HYDROGRAPH AT	D101W	1080.	12.33	181.	46.	21.	2.14		
+	ROUTED TO	101102	1045.	12.47	181.	46.	21.	2.14		
+	HYDROGRAPH AT	C386B	371.	12.40	97.	29.	13.	0.54		
+	DIVERSION TO	C386BR	246.	12.40	21.	6.	3.	0.54		
+	HYDROGRAPH AT	DC386B	371.	12.40	85.	23.	10.	0.54		
	2 COMBINED AT	C102	1409.	12.47	266.	70.	31.	2.68		
+	DIVERSION TO	D102S	737.	12.47	156.	42.	19.	2.68		
+	HYDROGRAPH AT	D102W	673.	12.47	110.	28.	12.	2.68		
+	ROUTED TO	102103	663.	12.60	110.	28.	12.	2.68		
+	HYDROGRAPH AT	C401A	137.	12.13	24.	7.	3.	0.14		
+	DIVERSION TO	C401AR	96.	12.13	6.	2.	1.	0.14		
+	HYDROGRAPH AT	DC401A	137.	12.13	20.	5.	2.	0.14		
+	2 COMBINED AT	C103	739.	12.60	131.	33.	15.	2.82		
+	DIVERSION TO	D103S	82.	12.60	11.	3.	1.	2.82		
+	HYDROGRAPH AT	D103W	657.	12.60	119.	30.	14.	2.82		
+	ROUTED TO	103104	648.	12.67	119.	30.	14.	2.82		
+	HYDROGRAPH AT	C401B	99.	12.13	17.	6.	3.	0.10		
+	DIVERSION TO	C401BR	6.	12.13	3.	1.	0.	0.10		
+	HYDROGRAPH AT	DC401B	99.	12.13	17.	5.	2.	0.10		
+	2 COMBINED AT	C104	687.	12.67	136.	35.	16.	2.92		
+	DIVERSION TO	D104W	326.	12.67	56.	14.	6.	2.92		
+	HYDROGRAPH AT	D104S	362.	12.67	80.	21.	9.	2.92		

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA	MAXIMUM STAGE	TIME OF MAX STAGE
+	ROUTED TO	104105	347.	12.87	80.	21.	9.	2.92	0.91	12.87
+	HYDROGRAPH AT	C390B	225.	12.13	37.	11.	5.	0.20		
+	DIVERSION TO	C390BR	40.	12.13	6.	2.	1.	0.20		
+	HYDROGRAPH AT	DC390B	225.	12.13	35.	9.	4.	0.20		
+	2 COMBINED AT	C105	414.	12.80	115.	30.	14.	3.12		
+	DIVERSION TO	D105W	136.	12.80	20.	5.	2.	3.12		
+	HYDROGRAPH AT	D105S	278.	12.80	95.	25.	11.	3.12		
+	ROUTED TO	105112	277.	13.00	95.	25.	11.	3.12		
+	HYDROGRAPH AT	D101S	171.	12.33	24.	6.	3.	0.00		
+	ROUTED TO	101106	168.	12.60	24.	6.	3.	0.00		
+	HYDROGRAPH AT	D102S	737.	12.47	156.	42.	19.	0.00		
+	ROUTED TO	102106	717.	12.60	155.	42.	19.	0.00		
+									1.48	12.60
+	HYDROGRAPH AT	C387A	381.	12.13	72.	22.	10.	0.35		
+	DIVERSION TO	C387AR	381.	12.27	33.	9.	4.	0.35		
+	HYDROGRAPH AT	DC387A	352.	12.27	47.	13.	6.	0.35		
+	3 COMBINED AT	C106	1109.	12.53	227.	61.	28.	0.35		
+	DIVERSION TO	D106S	586.	12.53	139.	39.	18.	0.35		
+	HYDROGRAPH AT	D106W	522.	12.53	88.	22.	10.	0.35		
+	ROUTED TO	106107	527.	12.67	88.	22.	10.	0.35		
+	HYDROGRAPH AT	D103S	82.	12.60	11.	3.	1.	0.00		
+	ROUTED TO	103107	87.	12.80	12.	3.	1.	0.00		
+	HYDROGRAPH AT	C390A	271.	12.27	58.	17.	8.	0.30		
+	DIVERSION TO	C390AR	3.	12.27	3.	1.	0.	0.30		
+	HYDROGRAPH AT	DC390A	271.	12.27	58.	16.	7.	0.30		
+	3 COMBINED AT	C107	718.	12.67	158.	41.	19.	0.65		
+	DIVERSION TO	D107S	364.	12.67	79.	20.	9.	0.65		
+	HYDROGRAPH AT	D107W	354.	12.67	78.	21.	10.	0.65		
+	ROUTED TO	107112	353.	12.80	78.	21.	10.	0.65		
+	HYDROGRAPH AT	R382	2907.	12.40	544.	156.	71.	0.00		

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA	MAXIMUM STAGE	TIME OF MAX STAGE
	DIVERSION TO	D382S	1550.	12.40	335.	104.	47.	0.00		
+	HYDROGRAPH AT	D382W	1357.	12.40	209.	52.	24.	0.00		
+	ROUTED TO	382108	1351.	12.47	209.	52.	24.	0.00		
+	HYDROGRAPH AT	C387B	183.	12.33	43.	12.	6.	0.34		
+	DIVERSION TO	C387BR	1.	12.33	0.	0.	0.	0.34		
+	HYDROGRAPH AT	DC387B	183.	12.33	43.	12.	5.	0.34		
+	2 COMBINED AT	C108	1530.	12.47	252.	64.	29.	0.34		
+	DIVERSION TO	D108S	246.	12.47	37.	9.	4.	0.34		
+	HYDROGRAPH AT	D108W	1284.	12.47	215.	55.	25.	0.34		
+	ROUTED TO	108109	1270.	12.53	215.	55.	25.	0.34		
+									2.11	12.53
+	HYDROGRAPH AT	D106S	586.	12.53	139.	39.	18.	0.00		
+	ROUTED TO	106109	555.	12.67	137.	39.	18.	0.00		
+									1.31	12.67
+	HYDROGRAPH AT	C387C	209.	12.27	46.	14.	6.	0.25		
+	DIVERSION TO	C387CR	3.	12.27	2.	1.	0.	0.25		
+	HYDROGRAPH AT	DC387C	209.	12.27	46.	13.	6.	0.25		
+	3 COMBINED AT	C109	1932.	12.60	394.	107.	48.	0.59		
+	DIVERSION TO	D109S	1098.	12.60	272.	77.	35.	0.59		
+	HYDROGRAPH AT	D109W	834.	12.60	122.	31.	14.	0.59		
+	ROUTED TO	109110	830.	12.67	123.	31.	14.	0.59		
+	HYDROGRAPH AT	C390C	84.	12.20	18.	5.	2.	0.09		
+	DIVERSION TO	C390CR	3.	12.20	2.	1.	0.	0.09		
+	HYDROGRAPH AT	DC390C	84.	12.20	18.	5.	2.	0.09		
+	2 COMBINED AT	C110	883.	12.67	140.	36.	16.	0.68		
+	DIVERSION TO	D110S	162.	12.67	23.	6.	3.	0.68		
+	HYDROGRAPH AT	D110W	720.	12.67	117.	30.	13.	0.68		
+	ROUTED TO	110111	716.	12.73	117.	30.	13.	0.68		
	HYDROGRAPH AT	D107S	364.	12.67	79.	20.	9.	0.00		
+	ROUTED TO	107111	364.	12.80	79.	20.	9.	0.00		

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA	MAXIMUM STAGE	TIME OF MAX STAGE
	HYDROGRAPH AT	C390D	61.	12.20	12.	4.	2.	0.07		
+	3 COMBINED AT	C111	1108.	12.73	209.	53.	24.	0.76		
+	DIVERSION TO	D111S	208.	12.73	35.	9.	4.	0.76		
+	HYDROGRAPH AT	D111W	901.	12.73	173.	44.	20.	0.76		
+	ROUTED TO	111112	892.	12.80	174.	44.	20.	0.76		
+	HYDROGRAPH AT	C390E	201.	12.27	43.	13.	6.	0.23		
+	DIVERSION TO	C390ER	1.	12.27	0.	0.	0.	0.23		
+	HYDROGRAPH AT	DC390E	201.	12.27	43.	13.	6.	0.23		
+	2 COMBINED AT	C112E	1010.	12.80	217.	57.	26.	0.99		
+	2 COMBINED AT	C112	1363.	12.80	295.	78.	35.	1.63		
+	DIVERSION TO	D112W	479.	12.80	58.	15.	7.	1.63		
+	HYDROGRAPH AT	D112S	883.	12.80	237.	64.	29.	1.63		
+	ROUTED TO	112113	878.	12.87	237.	64.	29.	1.63		
	HYDROGRAPH AT	C406D	51.	12.00	5.	1.	1.	0.03		
+	2 COMBINED AT	C113	879.	12.87	241.	65.	29.	1.67		
+	HYDROGRAPH AT	D105W	136.	12.80	20.	5.	2.	0.00		
+	ROUTED TO	105114	137.	12.87	20.	5.	2.	0.00		
+	HYDROGRAPH AT	C406A	94.	12.13	16.	5.	2.	0.10		
+	DIVERSION TO	C406AR	88.	12.20	7.	2.	1.	0.10		
+	HYDROGRAPH AT	DC406A	92.	12.20	11.	3.	1.	0.10		
+	2 COMBINED AT	C114	163.	12.87	31.	8.	4.	0.10		
+	DIVERSION TO	D114W	76.	12.87	13.	3.	1.	0.10		
+	HYDROGRAPH AT	D114S	86.	12.87	18.	5.	2.	0.10		
+	ROUTED TO	114115	79.	13.00	18.	5.	2.	0.10		
+									0.73	13.00
+	HYDROGRAPH AT	C406B	58.	12.27	14.	4.	2.	0.07		
+	2 COMBINED AT	C115	121.	12.47	31.	9.	4.	0.17		
+	DIVERSION TO	D115W	60.	12.47	16.	4.	2.	0.17		
+	HYDROGRAPH AT	D115S	60.	12.47	16.	4.	2.	0.17		

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA	MAXIMUM STAGE	TIME OF MAX STAGE
	ROUTED TO	115116	60.	12.53	16.	4.	2.	0.17		
+	HYDROGRAPH AT	D112W	479.	12.80	58.	15.	7.	0.00		
+	ROUTED TO	112116	483.	12.87	58.	15.	7.	0.00		
+	HYDROGRAPH AT	C406C	50.	12.33	14.	4.	2.	0.07		
+	DIVERSION TO	C406R	1.	12.33	1.	0.	0.	0.07		
+	HYDROGRAPH AT	DC406C	50.	12.33	14.	4.	2.	0.07		
+	3 COMBINED AT	C116	567.	12.87	88.	23.	10.	0.24		
+	DIVERSION TO	D116W	196.	12.87	26.	7.	3.	0.24		
+	HYDROGRAPH AT	D116S	370.	12.87	62.	16.	7.	0.24		
+	HYDROGRAPH AT	D114W	76.	12.87	13.	3.	1.	0.00		
+	ROUTED TO	114117	71.	13.00	13.	3.	1.	0.00		
+									0.58	13.00
+	HYDROGRAPH AT	C406E	33.	12.27	8.	2.	1.	0.05		
+	DIVERSION TO	C406ER	33.	12.40	3.	1.	0.	0.05		
	HYDROGRAPH AT	DC406E	31.	12.40	5.	1.	1.	0.05		
+	2 COMBINED AT	C117	94.	12.40	19.	5.	2.	0.05		
+	DIVERSION TO	D117W	25.	12.40	5.	1.	1.	0.05		
+	HYDROGRAPH AT	D117S	69.	12.40	13.	3.	2.	0.05		
+	ROUTED TO	117118	61.	12.60	13.	3.	2.	0.05		
+									0.56	12.60
+	HYDROGRAPH AT	D115W	60.	12.47	16.	4.	2.	0.00		
+	ROUTED TO	115118	61.	12.53	16.	4.	2.	0.00		
+	HYDROGRAPH AT	D116W	196.	12.87	26.	7.	3.	0.00		
+	ROUTED TO	116118	191.	12.93	26.	7.	3.	0.00		
+									0.98	12.93
+	HYDROGRAPH AT	C406F	77.	12.20	16.	5.	2.	0.10		
+	4 COMBINED AT	C118	322.	12.93	70.	20.	9.	0.16		
+	HYDROGRAPH AT	D117W	25.	12.40	5.	1.	1.	0.00		
+	ROUTED TO	117119	24.	12.67	5.	1.	1.	0.00		
+									0.68	12.67
+	HYDROGRAPH AT	C406G	47.	12.33	13.	4.	2.	0.11		

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA	MAXIMUM STAGE	TIME OF MAX STAGE
	DIVERSION TO	C406GR	45.	12.40	4.	1.	0.	0.11		
+	HYDROGRAPH AT	DC406G	46.	12.40	11.	3.	1.	0.11		
+	2 COMBINED AT	C119	66.	12.60	16.	4.	2.	0.11		
+	HYDROGRAPH AT	C406H	89.	12.53	27.	7.	3.	0.27		
+	5 COMBINED AT	INTRM1	1694.	12.87	415.	111.	50.	2.44		
+	HYDROGRAPH AT	D382S	1550.	12.40	335.	104.	47.	0.00		
+	ROUTED TO	382120	1501.	12.47	335.	104.	47.	0.00		
+									2.10	12.47
+	DIVERSION TO	D120S	971.	12.47	251.	82.	38.	0.00		
+	HYDROGRAPH AT	D120W	530.	12.47	84.	21.	10.	0.00		
+	ROUTED TO	120121	517.	12.60	84.	21.	10.	0.00		
+									1.71	12.60
+	HYDROGRAPH AT	D108S	246.	12.47	37.	9.	4.	0.00		
+	ROUTED TO	108121	236.	12.67	37.	9.	4.	0.00		
+									1.08	12.67
	HYDROGRAPH AT	C388A	177.	12.27	39.	12.	5.	0.26		
+	3 COMBINED AT	C121	892.	12.60	161.	42.	19.	0.26		
+	DIVERSION TO	D121S	445.	12.60	76.	19.	9.	0.26		
+	HYDROGRAPH AT	D121W	447.	12.60	85.	23.	11.	0.26		
+	ROUTED TO	121123	445.	12.73	85.	23.	11.	0.26		
+	HYDROGRAPH AT	D109S	1098.	12.60	272.	77.	35.	0.00		
+	ROUTED TO	109122	1095.	12.67	272.	77.	35.	0.00		
+	DIVERSION TO	D122W	122.	12.67	16.	4.	2.	0.00		
+	HYDROGRAPH AT	D122S	973.	12.67	256.	73.	33.	0.00		
+	ROUTED TO	122123	967.	12.73	255.	73.	33.	0.00		
+	HYDROGRAPH AT	C388B	346.	12.13	52.	15.	7.	0.34		
+	DIVERSION TO	C388BR	325.	12.20	20.	6.	3.	0.34		
+	HYDROGRAPH AT	DC388B	344.	12.20	36.	10.	4.	0.34		
+	3 COMBINED AT	C123	1522.	12.73	375.	105.	48.	0.60		
	DIVERSION TO	D123W	263.	12.73	48.	12.	5.	0.60		
	HYDROGRAPH AT									

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA	MAXIMUM STAGE	TIME OF MAX STAGE
		D123S	1259.	12.73	326.	93.	42.	0.60		
+	ROUTED TO	123126	1250.	12.80	326.	93.	42.	0.60		
+	HYDROGRAPH AT	DT383	999.	12.20	156.	42.	19.	0.99		
+	HYDROGRAPH AT	RM383	1465.	12.53	258.	64.	29.	1.98		
+	HYDROGRAPH AT	D120S	971.	12.47	251.	82.	38.	0.00		
+	ROUTED TO	120383	970.	12.60	251.	82.	38.	0.00		
+	3 COMBINED AT	C383	3066.	12.53	665.	189.	86.	2.97		
+	DIVERSION TO	D383S	1630.	12.53	404.	124.	57.	2.97		
+	HYDROGRAPH AT	D383W	1437.	12.53	261.	65.	29.	2.97		
+	ROUTED TO	383124	1434.	12.53	261.	65.	29.	2.97		
+	HYDROGRAPH AT	C388C	58.	12.13	10.	3.	1.	0.05		
+	DIVERSION TO	C388CR	5.	12.13	2.	1.	0.	0.05		
+	HYDROGRAPH AT	DC388C	58.	12.13	10.	3.	1.	0.05		
+	2 COMBINED AT	C124	1466.	12.53	270.	68.	31.	3.02		
+	DIVERSION TO	D124S	185.	12.53	31.	8.	4.	3.02		
+	HYDROGRAPH AT	D124W	1280.	12.53	239.	60.	27.	3.02		
+	ROUTED TO	124125	1275.	12.60	239.	60.	27.	3.02		
+	HYDROGRAPH AT	D121S	445.	12.60	76.	19.	9.	0.00		
+	ROUTED TO	121125	441.	12.73	76.	19.	9.	0.00		
+	HYDROGRAPH AT	C388D	135.	12.27	32.	10.	5.	0.19		
+	DIVERSION TO	C388DR	5.	12.27	3.	1.	0.	0.19		
+	HYDROGRAPH AT	DC388D	135.	12.27	32.	9.	4.	0.19		
+	3 COMBINED AT	C125	1792.	12.67	348.	88.	40.	3.21		
+	DIVERSION TO	D125S	233.	12.67	37.	9.	4.	3.21		
+	HYDROGRAPH AT	D125W	1559.	12.67	311.	79.	36.	3.21		
+	ROUTED TO	125126	1557.	12.73	311.	79.	36.	3.21		
+	HYDROGRAPH AT	C388E	99.	12.27	23.	7.	3.	0.15		
	DIVERSION TO	C388ER	64.	12.27	5.	2.	1.	0.15		
+	HYDROGRAPH AT	DC388E	99.	12.27	20.	5.	2.	0.15		

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA	MAXIMUM STAGE	TIME OF MAX STAGE
	3 COMBINED AT	C126	2863.	12.73	656.	178.	80.	3.96		
+	DIVERSION TO	D126W	1720.	12.73	481.	134.	60.	3.96		
+	HYDROGRAPH AT	D126S	1142.	12.73	175.	44.	20.	3.96		
+	ROUTED TO	126127	1129.	12.80	175.	44.	20.	3.96		
+	HYDROGRAPH AT	C389C	76.	12.07	15.	5.	2.	0.07		
+	DIVERSION TO	C389CR	76.	12.20	8.	2.	1.	0.07		
+	HYDROGRAPH AT	DC389C	68.	12.20	9.	3.	1.	0.07		
+	2 COMBINED AT	C127	1153.	12.80	184.	46.	21.	4.03		
+	HYDROGRAPH AT	C391M	21.	12.00	3.	1.	0.	0.01		
+	2 COMBINED AT	C128	1155.	12.80	187.	47.	21.	4.05		
+	HYDROGRAPH AT	C391L	25.	12.00	4.	1.	1.	0.02		
+	DIVERSION TO	C391LR	22.	12.00	2.	1.	0.	0.02		
+	HYDROGRAPH AT	DC391L	25.	12.00	2.	1.	0.	0.02		
	HYDROGRAPH AT	D126W	1720.	12.73	481.	134.	60.	0.00		
+	ROUTED TO	126129	1715.	12.73	481.	134.	60.	0.00		
+	2 COMBINED AT	C129	1718.	12.73	483.	134.	61.	0.02		
+	HYDROGRAPH AT	C391I	50.	12.20	10.	3.	1.	0.06		
+	HYDROGRAPH AT	D123W	263.	12.73	48.	12.	5.	0.00		
+	ROUTED TO	123132	262.	12.80	48.	12.	5.	0.00		
+	2 COMBINED AT	C132	285.	12.80	58.	15.	7.	0.06		
+	DIVERSION TO	D132S	148.	12.80	30.	8.	4.	0.06		
+	HYDROGRAPH AT	D132W	137.	12.80	28.	7.	3.	0.06		
+	ROUTED TO	132133	137.	12.80	28.	7.	3.	0.06		
+	HYDROGRAPH AT	C391J	9.	12.07	2.	0.	0.	0.01		
+	2 COMBINED AT	C133	140.	12.80	29.	8.	3.	0.07		
+	HYDROGRAPH AT	D132S	148.	12.80	30.	8.	4.	0.00		
+	HYDROGRAPH AT	C391K	21.	12.13	4.	1.	1.	0.03		
	2 COMBINED AT	C130	156.	12.73	34.	9.	4.	0.03		
	HYDROGRAPH AT									

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA	MAXIMUM STAGE	TIME OF MAX STAGE
		C391E	79.	12.20	15.	5.	2.	0.09		
+	5 COMBINED AT	INTRM2	3204.	12.73	747.	203.	92.	4.24		
+	HYDROGRAPH AT	C391A	90.	12.27	21.	6.	3.	0.11		
+	DIVERSION TO	C391AR	41.	12.27	4.	1.	1.	0.11		
+	HYDROGRAPH AT	DC391A	90.	12.27	19.	5.	2.	0.11		
+	HYDROGRAPH AT	D110S	162.	12.67	23.	6.	3.	0.00		
+	ROUTED TO	110136	161.	12.80	23.	6.	3.	0.00		
+	HYDROGRAPH AT	D122W	122.	12.67	16.	4.	2.	0.00		
+	ROUTED TO	122136	125.	12.73	16.	4.	2.	0.00		
+	HYDROGRAPH AT	C391B	49.	12.20	10.	3.	1.	0.06		
+	DIVERSION TO	D135W	20.	12.20	3.	1.	0.	0.06		
+	HYDROGRAPH AT	D135S	30.	12.20	7.	2.	1.	0.06		
+	ROUTED TO	135136	30.	12.27	7.	2.	1.	0.06		
+	4 COMBINED AT	C136	366.	12.73	66.	17.	8.	0.16		
+	DIVERSION TO	D136W	208.	12.73	45.	12.	5.	0.16		
+	HYDROGRAPH AT	D136S	158.	12.73	21.	5.	2.	0.16		
+	ROUTED TO	136137	154.	12.80	21.	5.	2.	0.16		
+	HYDROGRAPH AT	C391F	21.	12.13	4.	1.	0.	0.02		
+	2 COMBINED AT	C137	161.	12.80	25.	6.	3.	0.18		
+	HYDROGRAPH AT	C391G	18.	12.20	4.	1.	1.	0.02		
+	HYDROGRAPH AT	D136W	208.	12.73	45.	12.	5.	0.00		
+	ROUTED TO	136138	207.	12.80	45.	12.	5.	0.00		
+	2 COMBINED AT	C138	217.	12.80	49.	13.	6.	0.02		
+	HYDROGRAPH AT	C391C	53.	12.27	14.	4.	2.	0.07		
+	HYDROGRAPH AT	D111S	208.	12.73	35.	9.	4.	0.00		
+	ROUTED TO	111139	206.	12.80	35.	9.	4.	0.00		
+	DIVERSION TO	D139W	30.	12.80	5.	1.	1.	0.00		
+	HYDROGRAPH AT	D139S	176.	12.80	30.	8.	3.	0.00		
+	ROUTED TO	139140	175.	12.87	30.	8.	3.	0.00		

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA	MAXIMUM STAGE	TIME OF MAX STAGE
	DIVERSION TO	D140S	88.	12.87	15.	4.	2.	0.00		
+	HYDROGRAPH AT	D140W	88.	12.87	15.	4.	2.	0.00		
+	ROUTED TO	140141	88.	12.87	15.	4.	2.	0.00		
+	2 COMBINED AT	C141	121.	12.87	29.	8.	4.	0.07		
+	HYDROGRAPH AT	C391H	45.	12.20	9.	3.	1.	0.05		
+	HYDROGRAPH AT	D135W	20.	12.20	3.	1.	0.	0.00		
+	ROUTED TO	135142	20.	12.33	3.	1.	0.	0.00		
+	HYDROGRAPH AT	D140S	88.	12.87	15.	4.	2.	0.00		
+	ROUTED TO	140142	86.	12.93	15.	4.	2.	0.00		
+									0.68	12.93
+	3 COMBINED AT	C142	113.	12.87	27.	7.	3.	0.05		
+	HYDROGRAPH AT	C391D	29.	12.13	6.	2.	1.	0.03		
+	HYDROGRAPH AT	D139W	30.	12.80	5.	1.	1.	0.00		
+	ROUTED TO	139143	30.	12.87	5.	1.	1.	0.00		
	2 COMBINED AT	C143	42.	12.80	11.	3.	1.	0.03		
+	HYDROGRAPH AT	C391N	37.	13.00	18.	5.	2.	0.14		
+	7 COMBINED AT	C144	3876.	12.80	904.	245.	111.	4.73		
+	HYDROGRAPH AT	DT384	913.	12.20	162.	45.	20.	2.95		
+	HYDROGRAPH AT	RM384	1450.	12.53	255.	64.	29.	0.99		
+	HYDROGRAPH AT	D383S	1630.	12.53	404.	124.	57.	0.00		
+	ROUTED TO	383384	1616.	12.67	403.	124.	56.	0.00		
+	3 COMBINED AT	C384	3509.	12.60	813.	232.	105.	3.94		
+	HYDROGRAPH AT	C389A	254.	12.27	56.	17.	7.	0.29		
+	DIVERSION TO	C389AR	7.	12.27	4.	1.	1.	0.29		
+	HYDROGRAPH AT	DC389A	254.	12.27	56.	15.	7.	0.29		
+	HYDROGRAPH AT	D124S	185.	12.53	31.	8.	4.	0.00		
+	ROUTED TO	124145	183.	12.80	31.	8.	4.	0.00		
+	2 COMBINED AT	C145	353.	12.67	87.	23.	10.	0.29		
+	HYDROGRAPH AT	C389D	33.	12.13	5.	2.	1.	0.03		

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA	MAXIMUM STAGE	TIME OF MAX STAGE
	HYDROGRAPH AT	C389B	110.	12.20	25.	8.	3.	0.13		
+	DIVERSION TO	C389BR	82.	12.20	7.	2.	1.	0.13		
+	HYDROGRAPH AT	DC389B	110.	12.20	21.	6.	3.	0.13		
+	HYDROGRAPH AT	D125S	233.	12.67	37.	9.	4.	0.00		
+	ROUTED TO	125147	232.	12.80	37.	9.	4.	0.00		
+	2 COMBINED AT	C147	295.	12.80	58.	15.	7.	0.13		
+	HYDROGRAPH AT	C389E	67.	12.07	9.	3.	1.	0.05		
+	HYDROGRAPH AT	C389F	26.	13.00	13.	4.	2.	0.11		
+	6 COMBINED AT	C149	4145.	12.60	984.	278.	126.	4.55		
+	3 COMBINED AT	C150	9308.	12.80	2303.	635.	287.	11.72		

*** NORMAL END OF HEC-1 ***

APPENDIX H. 10-YR, 6-HR EXISTING CONDITIONS HEC-1 OUTPUT

AGUA FRIA, NEW RIVER, AND SUN CITY SUB-AREA MODEL

RUNOFF SUMMARY
FLOW IN CUBIC FEET PER SECOND
TIME IN HOURS, AREA IN SQUARE MILES

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+	HYDROGRAPH AT	N21K	247.	4.07	16.	4.	3.	0.23
+	DIVERSION TO	N21KI*	138.	4.07	12.	3.	2.	0.23
+	HYDROGRAPH AT	DN21KL	108.	4.07	4.	1.	1.	0.23
+	DIVERSION TO	N21KI	47.	4.07	2.	0.	0.	0.23
+	HYDROGRAPH AT	DN21KO	61.	4.07	2.	1.	0.	0.23
+	ROUTED TO	RN21KS	43.	4.37	2.	1.	0.	0.23
+	HYDROGRAPH AT	N21I	51.	4.57	13.	3.	2.	0.28
+	DIVERSION TO	LN21ID	44.	4.40	2.	1.	0.	0.28
+	HYDROGRAPH AT	LN21I	51.	4.57	11.	3.	2.	0.28
+	2 COMBINED AT	CN21I*	73.	4.47	13.	3.	2.	0.50
+	HYDROGRAPH AT	N21J	234.	4.10	18.	5.	3.	0.23
	HYDROGRAPH AT	DR21K*	138.	4.07	12.	3.	2.	0.23
+	ROUTED TO	LN21K	0.	0.03	0.	0.	0.	0.23
+	HYDROGRAPH AT	DRN21K	47.	4.07	2.	0.	0.	0.23
+	ROUTED TO	RN21KE	30.	4.33	2.	0.	0.	0.23
+	3 COMBINED AT	CN21J	237.	4.10	20.	5.	4.	0.46
+	DIVERSION TO	N21JI	73.	4.10	6.	2.	1.	0.46
+	HYDROGRAPH AT	DN21JO	164.	4.10	14.	3.	2.	0.46
+	ROUTED TO	RN21JS	144.	4.37	14.	3.	2.	0.46
+	HYDROGRAPH AT	N21Z	108.	4.13	11.	3.	2.	0.11
+	DIVERSION TO	LN21ZD	108.	4.13	5.	1.	1.	0.11
+	HYDROGRAPH AT	LN21Z	97.	4.23	6.	1.	1.	0.11
+	2 COMBINED AT	CN21Z	206.	4.33	19.	5.	3.	0.57
	DIVERSION TO	N21ZI	0.	4.33	0.	0.	0.	0.57
+	HYDROGRAPH AT	DN21ZO	206.	4.33	19.	5.	3.	0.57

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	DIVERSION TO	N21ZI*	0.	4.30	0.	0.	0.	0.57
+	HYDROGRAPH AT	DN21Z*	206.	4.33	19.	5.	3.	0.57
+	ROUTED TO	RN21ZW	190.	4.53	19.	5.	3.	0.57
+	HYDROGRAPH AT	N11P	171.	4.30	14.	4.	3.	0.38
+	ROUTED TO	RN11P	134.	4.60	14.	4.	3.	0.38
+	HYDROGRAPH AT	N11L	75.	4.33	12.	3.	2.	0.29
+	2 COMBINED AT	CN11L	164.	4.57	22.	5.	4.	0.68
+	DIVERSION TO	N11LI	139.	4.57	17.	4.	3.	0.68
+	HYDROGRAPH AT	DN11L	25.	4.53	4.	1.	1.	0.68
+	ROUTED TO	RN11LE	24.	5.33	4.	1.	1.	0.68
+	3 COMBINED AT	CN21I	208.	4.53	30.	8.	5.	0.85
+	ROUTED TO	RN21I	177.	4.73	30.	8.	5.	0.85
	HYDROGRAPH AT	N22B	211.	4.17	21.	5.	4.	0.19
+	DIVERSION TO	N22BI	190.	4.17	19.	5.	3.	0.19
+	HYDROGRAPH AT	DN22B	21.	4.17	2.	1.	0.	0.19
+	ROUTED TO	RN22BE	9.	4.50	2.	1.	0.	0.19
+	HYDROGRAPH AT	N21F	74.	4.33	15.	4.	3.	0.10
+	3 COMBINED AT	CN21F	208.	4.73	44.	11.	8.	1.05
+	ROUTED TO	RN21F	198.	4.90	44.	11.	8.	1.05
+	HYDROGRAPH AT	N21G	60.	4.20	9.	2.	2.	0.06
+	HYDROGRAPH AT	DR21Z*	0.	4.30	0.	0.	0.	0.57
+	ROUTED TO	RN21ZS	0.	4.63	0.	0.	0.	0.57
+	2 COMBINED AT	CN21G	60.	4.20	9.	2.	2.	0.06
+	DIVERSION TO	N21GI	0.	4.20	0.	0.	0.	0.06
	HYDROGRAPH AT	DN21GO	60.	4.20	9.	2.	2.	0.06
	ROUTED TO							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
		RN21GS	56.	4.53	9.	2.	2.	0.06
+	HYDROGRAPH AT	N21E	45.	4.33	10.	3.	2.	0.06
+	3 COMBINED AT	CN21E	248.	4.87	60.	15.	11.	1.18
+	ROUTED TO	RN21E	236.	5.10	60.	15.	11.	1.18
+	HYDROGRAPH AT	N21D	84.	4.07	7.	2.	1.	0.05
+	DIVERSION TO	LN21DD	84.	4.07	7.	2.	1.	0.05
+	HYDROGRAPH AT	LN21D	0.	0.03	0.	0.	0.	0.05
+	HYDROGRAPH AT	N22BIX	190.	4.17	19.	5.	3.	0.19
+	ROUTED TO	RN22BS	177.	4.37	19.	5.	3.	0.19
+	HYDROGRAPH AT	N22A	182.	4.23	28.	7.	5.	0.18
+	2 COMBINED AT	CN22A	343.	4.33	46.	12.	8.	0.37
+	DIVERSION TO	N22AI	51.	4.33	7.	2.	1.	0.37
	HYDROGRAPH AT	DN22A	291.	4.33	39.	10.	7.	0.37
+	ROUTED TO	RN22AE	270.	4.67	39.	10.	7.	0.37
+	3 COMBINED AT	CN21D	364.	4.73	92.	23.	17.	1.60
+	DIVERSION TO	N21DI	55.	4.73	14.	3.	3.	1.60
+	HYDROGRAPH AT	DN21D	309.	4.73	78.	20.	14.	1.60
+	ROUTED TO	RN21DS	298.	5.50	78.	20.	14.	1.60
+	HYDROGRAPH AT	N21C	222.	4.43	52.	13.	10.	0.39
+	DIVERSION TO	LN21CD	102.	4.10	5.	1.	1.	0.39
+	HYDROGRAPH AT	LN21C	222.	4.43	48.	12.	9.	0.39
+	2 COMBINED AT	CN21C	365.	5.40	118.	30.	21.	1.99
+	ROUTED TO	RN21C	365.	5.40	118.	30.	21.	1.99
+	HYDROGRAPH AT	N24Q	47.	4.10	3.	1.	1.	0.04
	ROUTED TO	RN24Q	33.	4.73	3.	1.	1.	0.04
+	HYDROGRAPH AT	N24R	52.	4.10	4.	1.	1.	0.03

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	ROUTED TO	RN24R	44.	4.50	4.	1.	1.	0.03
+	HYDROGRAPH AT	N24O	145.	4.27	12.	3.	2.	0.16
+	3 COMBINED AT	CN24O	162.	4.27	18.	5.	3.	0.22
+	ROUTED TO	RN24O	152.	4.40	18.	5.	3.	0.22
+	HYDROGRAPH AT	N24S	79.	4.07	5.	1.	1.	0.05
+	ROUTED TO	RN24S	50.	4.90	5.	1.	1.	0.05
+	HYDROGRAPH AT	N24T	26.	4.07	1.	0.	0.	0.02
+	ROUTED TO	RN24T	19.	4.67	1.	0.	0.	0.02
+	HYDROGRAPH AT	N24P	119.	4.20	9.	2.	2.	0.12
+	4 COMBINED AT	CN24P	227.	4.37	34.	8.	6.	0.41
+	ROUTED TO	RN24P	226.	4.37	34.	8.	6.	0.41
+	HYDROGRAPH AT	N24U	166.	4.10	9.	2.	2.	0.11
	ROUTED TO	RN24U	139.	4.33	9.	2.	2.	0.11
+	2 COMBINED AT	CN24U*	354.	4.33	43.	11.	8.	0.52
+	ROUTED TO	RN24U*	332.	4.47	43.	11.	8.	0.52
+	HYDROGRAPH AT	N24V	49.	4.10	3.	1.	1.	0.05
+	ROUTED TO	RN24V	34.	4.77	3.	1.	1.	0.05
+	2 COMBINED AT	CN24V*	332.	4.47	45.	11.	8.	0.57
+	ROUTED TO	RN24V*	315.	4.60	45.	11.	8.	0.57
+	HYDROGRAPH AT	N24M	173.	4.37	17.	4.	3.	0.25
+	2 COMBINED AT	CN24M	366.	4.57	57.	14.	10.	0.82
+	ROUTED TO	RN24M	359.	4.67	57.	14.	10.	0.82
+	HYDROGRAPH AT	N24L	514.	4.13	32.	8.	6.	0.38
+	ROUTED TO	RN24L	480.	4.20	32.	8.	6.	0.38
	2 COMBINED AT	CN24I*	376.	4.23	77.	19.	14.	1.20
	ROUTED TO							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		RN24I*	354.	4.83	77.	19.	14.	1.20
+	HYDROGRAPH AT	N24I	64.	4.93	17.	4.	3.	0.30
+	HYDROGRAPH AT	N24H	276.	4.23	32.	8.	6.	0.29
+	HYDROGRAPH AT	N24N	67.	4.33	9.	2.	2.	0.13
+	ROUTED TO	RN24N	59.	4.93	9.	2.	2.	0.13
+	HYDROGRAPH AT	N24J	25.	4.80	7.	2.	1.	0.12
+	2 COMBINED AT	CN24J	83.	4.90	15.	4.	3.	0.25
+	ROUTED TO	RN24J	82.	5.00	15.	4.	3.	0.25
+	HYDROGRAPH AT	N24K	34.	5.07	12.	3.	2.	0.21
+	5 COMBINED AT	CN24I	367.	4.90	106.	27.	20.	2.25
+	ROUTED TO	RN24I	366.	5.07	106.	27.	20.	2.25
+	HYDROGRAPH AT	DRN21J	73.	4.10	6.	2.	1.	0.46
	ROUTED TO	RN21JE	65.	4.50	6.	2.	1.	0.46
+	2 COMBINED AT	CN24G*	360.	4.70	106.	27.	20.	2.71
+	ROUTED TO	RN24G*	337.	5.00	101.	26.	19.	2.71
+	HYDROGRAPH AT	N24G	135.	4.80	27.	7.	5.	0.44
+	DIVERSION TO	LN24GD	35.	4.40	1.	0.	0.	0.44
+	HYDROGRAPH AT	LN24G	135.	4.80	26.	6.	5.	0.44
+	2 COMBINED AT	CN24G	363.	4.97	105.	27.	19.	3.15
+	HYDROGRAPH AT	DRN21Z	0.	4.33	0.	0.	0.	0.57
+	ROUTED TO	RN21ZE	0.	4.77	0.	0.	0.	0.57
+	2 COMBINED AT	CN24G+	363.	4.97	105.	27.	19.	3.15
+	ROUTED TO	RN24G	363.	5.03	105.	27.	19.	3.15
+	HYDROGRAPH AT	N24F	63.	4.40	7.	2.	1.	0.11
	2 COMBINED AT	CN24F	368.	5.00	108.	28.	20.	3.26
+	HYDROGRAPH AT	N24D	74.	4.17	9.	2.	2.	0.09

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	2 COMBINED AT	CN24D	374.	4.97	113.	29.	21.	3.34
+	ROUTED TO	LN24D	7.	9.23	7.	6.	5.	3.34
+	HYDROGRAPH AT	N21H	31.	4.13	3.	1.	1.	0.03
+	HYDROGRAPH AT	DRN21G	0.	4.20	0.	0.	0.	0.06
+	ROUTED TO	RN21GE	0.	4.40	0.	0.	0.	0.06
+	2 COMBINED AT	CN21H	31.	4.13	3.	1.	1.	0.03
+	ROUTED TO	RN21H	22.	5.03	3.	1.	1.	0.03
+	HYDROGRAPH AT	N24E	6.	4.50	1.	0.	0.	0.02
+	ROUTED TO	RN24E	4.	4.83	1.	0.	0.	0.02
+	3 COMBINED AT	CN24D*	22.	5.13	11.	9.	8.	3.40
+	HYDROGRAPH AT	N27F	258.	4.20	23.	6.	4.	0.28
+	ROUTED TO	RN27F	241.	4.30	23.	6.	4.	0.28
	HYDROGRAPH AT	N27G	166.	4.27	20.	5.	4.	0.26
+	2 COMBINED AT	CN27G	391.	4.30	42.	10.	8.	0.55
+	ROUTED TO	RN27G	365.	4.40	42.	10.	8.	0.55
+	HYDROGRAPH AT	N27E	75.	4.50	11.	3.	2.	0.19
+	ROUTED TO	RN27E	71.	4.70	11.	3.	2.	0.19
+	HYDROGRAPH AT	N27H	158.	4.23	15.	4.	3.	0.21
+	ROUTED TO	RN27H	139.	4.47	15.	4.	3.	0.21
+	HYDROGRAPH AT	N27C	44.	4.37	5.	1.	1.	0.09
+	4 COMBINED AT	CN27C	413.	4.47	57.	14.	10.	1.03
+	ROUTED TO	RN27C	400.	4.53	57.	14.	10.	1.03
+	HYDROGRAPH AT	N27I	171.	4.17	13.	3.	2.	0.17
+	ROUTED TO	RN27I	138.	4.47	13.	3.	2.	0.17
	HYDROGRAPH AT	N27B	28.	4.47	5.	1.	1.	0.08
	HYDROGRAPH AT							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		N27J	225.	4.13	14.	3.	2.	0.19
	DIVERSION TO							
+		N27JI	51.	4.13	2.	1.	0.	0.19
	HYDROGRAPH AT							
+		DN27J	174.	4.13	11.	3.	2.	0.19
	ROUTED TO							
+		RN27JW	140.	4.47	11.	3.	2.	0.19
	4 COMBINED AT							
+		CN27B	515.	4.50	69.	17.	12.	1.46
	ROUTED TO							
+		RN27B	502.	4.60	69.	17.	12.	1.46
	HYDROGRAPH AT							
+		N27D	56.	4.20	9.	2.	2.	0.09
	DIVERSION TO							
+		LN27DD	56.	4.20	9.	2.	2.	0.09
	HYDROGRAPH AT							
+		LN27D	0.	0.03	0.	0.	0.	0.09
	HYDROGRAPH AT							
+		DRN27J	51.	4.13	2.	1.	0.	0.19
	ROUTED TO							
+		RN27JS	41.	4.30	2.	1.	0.	0.19
	2 COMBINED AT							
+		CN27D	41.	4.30	2.	1.	0.	0.28
	DIVERSION TO							
		N27DI	37.	4.30	2.	1.	0.	0.28
	HYDROGRAPH AT							
+		DN27DO	5.	4.30	0.	0.	0.	0.28
	ROUTED TO							
+		RN27DW	1.	5.27	0.	0.	0.	0.28
	HYDROGRAPH AT							
+		DRN27D	37.	4.30	2.	1.	0.	0.28
	ROUTED TO							
+		RN27DS	25.	5.07	2.	1.	0.	0.28
	HYDROGRAPH AT							
+		N27K	157.	4.67	45.	11.	8.	0.63
	ROUTED TO							
+		RN27K	155.	4.93	45.	11.	8.	0.63
	HYDROGRAPH AT							
+		N27L	230.	4.57	38.	9.	7.	0.47
	2 COMBINED AT							
+		CN27L	261.	4.77	69.	18.	13.	1.09
	ROUTED TO							
+		RN27L	260.	4.80	69.	18.	13.	1.09
	HYDROGRAPH AT							
+		N25S	43.	4.10	4.	1.	1.	0.03
	ROUTED TO							
+		RN25S	40.	4.17	4.	1.	1.	0.03
	2 COMBINED AT							
		CN25O*	263.	4.80	72.	18.	13.	1.12
	ROUTED TO							
+		RN25O*	261.	4.87	72.	18.	13.	1.12

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	HYDROGRAPH AT	N25O	97.	4.17	13.	3.	2.	0.13
+	DIVERSION TO	LN25OD	97.	4.17	11.	3.	2.	0.13
+	HYDROGRAPH AT	LN25O	21.	4.90	2.	0.	0.	0.13
+	2 COMBINED AT	CN25O	267.	4.90	72.	18.	13.	1.25
+	ROUTED TO	RN25O	254.	5.10	71.	18.	13.	1.25
+	4 COMBINED AT	CN27*	516.	4.87	129.	33.	24.	2.99
+	HYDROGRAPH AT	N27	56.	4.77	16.	4.	3.	0.28
+	HYDROGRAPH AT	N27A	44.	4.50	7.	2.	1.	0.11
+	HYDROGRAPH AT	N26B	109.	4.47	20.	5.	4.	0.22
+	DIVERSION TO	LN26BD	109.	4.47	20.	5.	4.	0.22
+	HYDROGRAPH AT	LN26B	0.	0.03	0.	0.	0.	0.22
+	4 COMBINED AT	CN27	528.	4.83	135.	34.	25.	3.62
	ROUTED TO	RN27	371.	5.10	105.	27.	20.	3.62
+	HYDROGRAPH AT	N26	24.	4.27	2.	1.	0.	0.04
+	HYDROGRAPH AT	N26A	134.	4.63	27.	7.	5.	0.35
+	DIVERSION TO	LN26AD	134.	4.63	25.	6.	5.	0.35
+	HYDROGRAPH AT	LN26A	12.	6.63	1.	0.	0.	0.35
+	3 COMBINED AT	CN26*	369.	5.10	105.	27.	20.	4.01
+	HYDROGRAPH AT	N25R	159.	4.10	15.	4.	3.	0.09
+	ROUTED TO	RN25R	151.	4.17	15.	4.	3.	0.09
+	HYDROGRAPH AT	N25Q	47.	4.07	5.	1.	1.	0.03
+	ROUTED TO	RN25Q	45.	4.17	5.	1.	1.	0.03
+	HYDROGRAPH AT	N25P	260.	4.13	26.	6.	5.	0.17
+	ROUTED TO	RN25P	239.	4.20	26.	6.	5.	0.17
	HYDROGRAPH AT	N25M	241.	4.17	31.	8.	6.	0.24
	DIVERSION TO							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		LN25MD	241.	4.17	30.	8.	5.	0.24
+	HYDROGRAPH AT	LN25M	10.	5.47	1.	0.	0.	0.24
+	4 COMBINED AT	CN25M	426.	4.17	46.	12.	8.	0.53
+	DIVERSION TO	N25MI	398.	4.17	45.	11.	8.	0.53
+	HYDROGRAPH AT	DN25M	28.	4.17	1.	0.	0.	0.53
+	ROUTED TO	RN25MW	18.	4.43	1.	0.	0.	0.53
+	HYDROGRAPH AT	N25N	20.	4.13	3.	1.	0.	0.03
+	DIVERSION TO	LN25ND	20.	4.13	3.	1.	0.	0.03
+	HYDROGRAPH AT	LN25N	0.	0.03	0.	0.	0.	0.03
+	ROUTED TO	RN25N	0.	0.03	0.	0.	0.	0.03
+	2 COMBINED AT	CX3	18.	4.43	1.	0.	0.	0.55
+	DIVERSION TO	X3I	9.	4.43	0.	0.	0.	0.55
	HYDROGRAPH AT	DX3O	8.	4.43	1.	0.	0.	0.55
+	ROUTED TO	RX3W	3.	5.33	1.	0.	0.	0.55
+	2 COMBINED AT	CN26	368.	5.10	105.	27.	20.	4.56
+	ROUTED TO	RN26	342.	5.30	100.	26.	19.	4.56
+	HYDROGRAPH AT	N25L	49.	4.23	4.	1.	1.	0.06
+	DIVERSION TO	N25LI	25.	4.23	2.	1.	0.	0.06
+	HYDROGRAPH AT	DN25L	23.	4.23	2.	1.	0.	0.06
+	ROUTED TO	RN25LW	21.	4.53	2.	1.	0.	0.06
+	HYDROGRAPH AT	N25K	89.	4.17	7.	2.	1.	0.09
+	2 COMBINED AT	CN25K	89.	4.17	9.	2.	2.	0.15
+	DIVERSION TO	N25KI	59.	4.17	4.	1.	1.	0.15
+	HYDROGRAPH AT	DN25K	30.	4.13	5.	1.	1.	0.15
	ROUTED TO	RN25KW	30.	4.50	5.	1.	1.	0.15
+	HYDROGRAPH AT	N25J	56.	4.33	6.	1.	1.	0.10

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	3 COMBINED AT	CN25J	346.	5.30	103.	27.	19.	4.81
+	ROUTED TO	RN25J	332.	5.70	103.	27.	19.	4.81
+	HYDROGRAPH AT	N25G	37.	4.33	4.	1.	1.	0.06
+	HYDROGRAPH AT	DRN25K	59.	4.17	4.	1.	1.	0.15
+	ROUTED TO	RN25KS	34.	5.13	4.	1.	1.	0.15
+	2 COMBINED AT	CN25G	42.	5.10	8.	2.	2.	0.21
+	ROUTED TO	RN25G	35.	6.40	8.	2.	2.	0.21
+	HYDROGRAPH AT	N25I	58.	4.23	7.	2.	1.	0.12
+	3 COMBINED AT	CN25I	340.	5.70	106.	28.	20.	4.99
+	ROUTED TO	RN25I	325.	5.97	106.	28.	20.	4.99
+	HYDROGRAPH AT	N25E	71.	4.50	19.	5.	4.	0.27
+	HYDROGRAPH AT	DRN25M	398.	4.17	45.	11.	8.	0.53
	ROUTED TO	RN25MS	381.	4.37	45.	11.	8.	0.53
+	HYDROGRAPH AT	DRX3	9.	4.43	0.	0.	0.	0.55
+	ROUTED TO	RX3S	2.	4.73	0.	0.	0.	0.55
+	3 COMBINED AT	CN25E	394.	4.37	59.	15.	11.	0.82
+	DIVERSION TO	N25EI	40.	4.00	15.	4.	3.	0.82
+	HYDROGRAPH AT	DN25E	354.	4.37	44.	11.	8.	0.82
+	ROUTED TO	RN25EW	322.	4.60	44.	11.	8.	0.82
+	HYDROGRAPH AT	N25F	65.	4.30	6.	1.	1.	0.09
+	HYDROGRAPH AT	DRN25L	25.	4.23	2.	1.	0.	0.06
+	ROUTED TO	RN25LS	19.	5.00	2.	1.	0.	0.06
+	3 COMBINED AT	CN25F	331.	4.57	49.	13.	9.	0.97
+	ROUTED TO	RN25F	313.	4.83	49.	13.	9.	0.97
	HYDROGRAPH AT	N25D	160.	4.17	16.	4.	3.	0.20
	HYDROGRAPH AT							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
		DRN25E	40.	4.00	15.	4.	3.	0.82
+	ROUTED TO	RN25ES	40.	4.80	15.	4.	3.	0.82
+	2 COMBINED AT	CN25D	169.	4.17	31.	8.	6.	0.20
+	DIVERSION TO	N25DI	91.	4.17	17.	4.	3.	0.20
+	HYDROGRAPH AT	DN25D	78.	4.17	14.	4.	3.	0.20
+	ROUTED TO	RN25DW	73.	4.43	14.	4.	3.	0.20
+	HYDROGRAPH AT	N25C	79.	4.30	12.	3.	2.	0.17
+	2 COMBINED AT	CN25C	148.	4.40	26.	7.	5.	0.37
+	DIVERSION TO	N25CI	55.	4.40	10.	3.	2.	0.37
+	HYDROGRAPH AT	DN25C	93.	4.40	17.	4.	3.	0.37
+	ROUTED TO	RN25CW	92.	4.43	17.	4.	3.	0.37
+	HYDROGRAPH AT	N25B	41.	4.37	8.	2.	2.	0.11
	3 COMBINED AT	CN25B	338.	4.80	64.	16.	12.	1.45
+	DIVERSION TO	N25BI	126.	4.80	24.	6.	4.	1.45
+	HYDROGRAPH AT	DN25B	212.	4.80	40.	10.	7.	1.45
+	ROUTED TO	RN25BW	203.	5.00	40.	10.	7.	1.45
+	HYDROGRAPH AT	N25A	33.	4.53	6.	2.	1.	0.09
+	2 COMBINED AT	CN25A	212.	4.97	44.	11.	8.	1.55
+	DIVERSION TO	N25AI	151.	4.97	34.	9.	6.	1.55
+	HYDROGRAPH AT	DN25A	62.	4.97	9.	2.	2.	1.55
+	HYDROGRAPH AT	N25	34.	5.17	11.	3.	2.	0.24
+	HYDROGRAPH AT	N25H	19.	4.57	4.	1.	1.	0.07
+	4 COMBINED AT	CN25	308.	6.00	106.	28.	20.	6.85
+	ROUTED TO	RN25	283.	6.53	104.	27.	20.	6.85
	HYDROGRAPH AT	N24B	47.	4.20	6.	1.	1.	0.07
+	HYDROGRAPH AT	DRN25D	91.	4.17	17.	4.	3.	0.20

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	ROUTED TO	RN25DS	85.	4.50	17.	4.	3.	0.20
+	2 COMBINED AT	CN24B	117.	4.47	22.	6.	4.	0.27
+	ROUTED TO	RN24B	115.	4.53	22.	6.	4.	0.27
+	HYDROGRAPH AT	DRN25C	55.	4.40	10.	3.	2.	0.37
+	ROUTED TO	RN25CS	54.	4.53	10.	3.	2.	0.37
+	2 COMBINED AT	CN24B*	157.	4.57	31.	8.	6.	0.64
+	DIVERSION TO	N24BI	0.	4.53	0.	0.	0.	0.64
+	HYDROGRAPH AT	DN24B*	157.	4.57	31.	8.	6.	0.64
+	ROUTED TO	RN24BW	149.	4.63	31.	8.	6.	0.64
+	HYDROGRAPH AT	DRN25B	126.	4.80	24.	6.	4.	1.45
+	ROUTED TO	RN25BS	122.	5.00	24.	6.	4.	1.45
+	2 COMBINED AT	CN24C*	194.	4.93	46.	12.	9.	2.09
	ROUTED TO	RN24C*	194.	4.97	46.	12.	9.	2.09
+	HYDROGRAPH AT	DRN25A	151.	4.97	34.	9.	6.	1.55
+	ROUTED TO	RN25AS	149.	5.07	34.	9.	6.	1.55
+	HYDROGRAPH AT	N24C	169.	4.17	20.	5.	4.	0.19
+	3 COMBINED AT	CN24C	301.	5.00	83.	21.	15.	3.73
+	ROUTED TO	RN24C	300.	5.07	83.	21.	15.	3.73
+	HYDROGRAPH AT	N24	42.	4.47	6.	2.	1.	0.11
+	HYDROGRAPH AT	N24A	141.	4.30	28.	7.	5.	0.24
+	DIVERSION TO	LN24AD	141.	4.30	17.	4.	3.	0.24
+	HYDROGRAPH AT	LN24A	102.	4.70	12.	3.	2.	0.24
+	HYDROGRAPH AT	DRN24B	0.	4.53	0.	0.	0.	0.64
+	ROUTED TO	RN24BS	0.	4.70	0.	0.	0.	0.64
	HYDROGRAPH AT	A21A	126.	4.10	10.	3.	2.	0.08
	ROUTED TO							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
		RA21A	113.	4.20	10.	3.	2.	0.08
+	2 COMBINED AT	X30	100.	4.20	10.	3.	2.	0.72
+	DIVERSION TO	X30I	29.	4.57	6.	2.	1.	0.72
+	HYDROGRAPH AT	DX30	72.	4.20	4.	1.	1.	0.72
+	ROUTED TO	RX30W	42.	4.37	4.	1.	1.	0.72
+	6 COMBINED AT	CN24	315.	6.53	165.	48.	36.	10.60
+	ROUTED TO	RN24	308.	6.83	165.	48.	35.	10.60
+	HYDROGRAPH AT	DRX30	29.	4.57	6.	2.	1.	0.72
+	ROUTED TO	RX30S	24.	4.63	6.	2.	1.	0.72
+	HYDROGRAPH AT	N23A	423.	4.23	56.	14.	10.	0.49
+	DIVERSION TO	LN23AD	423.	4.23	27.	7.	5.	0.49
+	HYDROGRAPH AT	LN23A	386.	4.33	30.	7.	5.	0.49
	2 COMBINED AT	CN23A	287.	4.47	31.	8.	6.	1.13
+	DIVERSION TO	N23AI	71.	4.47	8.	2.	1.	1.13
+	HYDROGRAPH AT	DN23A	215.	4.47	23.	6.	4.	1.13
+	ROUTED TO	RN23AW	157.	4.80	23.	6.	4.	1.13
+	HYDROGRAPH AT	N23	120.	4.57	31.	8.	6.	0.39
+	HYDROGRAPH AT	DRN21D	55.	4.73	14.	3.	3.	1.60
+	ROUTED TO	RN21DE	43.	5.60	14.	3.	3.	1.60
+	4 COMBINED AT	CN23	375.	5.40	184.	53.	39.	13.72
+	ROUTED TO	RN23	363.	6.03	184.	53.	39.	13.72
+	HYDROGRAPH AT	A21C	73.	4.03	6.	2.	1.	0.05
+	ROUTED TO	A21CRR	27.	4.30	6.	2.	1.	0.05
+	ROUTED TO	RA21C	26.	4.37	6.	2.	1.	0.05
	HYDROGRAPH AT	A21D	37.	4.03	3.	1.	1.	0.02
+	ROUTED TO	RA21D	35.	4.07	3.	1.	1.	0.02

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	HYDROGRAPH AT	A21E	114.	4.00	9.	2.	2.	0.06
+	2 COMBINED AT	CA21E	144.	4.00	12.	3.	2.	0.08
+	ROUTED TO	A21ERR	99.	4.10	12.	3.	2.	0.08
+	DIVERSION TO	A21EI	30.	4.10	3.	1.	1.	0.08
+	HYDROGRAPH AT	DA21E	69.	4.10	8.	2.	2.	0.08
+	ROUTED TO	RA21ES	67.	4.17	8.	2.	2.	0.08
+	HYDROGRAPH AT	A21K	105.	4.03	8.	2.	1.	0.07
+	3 COMBINED AT	CA21K	167.	4.10	23.	6.	4.	0.20
+	ROUTED TO	A21KRR	132.	4.23	22.	6.	4.	0.20
+	HYDROGRAPH AT	A21L	33.	4.07	4.	1.	1.	0.03
+	2 COMBINED AT	CA21L	158.	4.20	26.	7.	5.	0.23
+	ROUTED TO	A21LRR	134.	4.33	79.	75.	75.	0.23
	ROUTED TO	RA21L	133.	4.43	79.	75.	75.	0.23
+	HYDROGRAPH AT	A21M	9.	4.27	2.	1.	0.	0.02
+	ROUTED TO	A21MRR	0.	0.03	0.	0.	0.	0.02
+	ROUTED TO	RA21M	0.	0.03	0.	0.	0.	0.02
+	HYDROGRAPH AT	DA21EW	30.	4.10	3.	1.	1.	0.08
+	HYDROGRAPH AT	A21F	87.	4.03	7.	2.	1.	0.05
+	ROUTED TO	RA21F	87.	4.07	7.	2.	1.	0.05
+	ROUTED TO	RA21F	86.	4.07	7.	2.	1.	0.05
+	HYDROGRAPH AT	A21G	73.	4.03	6.	2.	1.	0.04
+	3 COMBINED AT	CA21G	181.	4.07	17.	4.	3.	0.16
+	ROUTED TO	A21GRR	156.	4.13	17.	4.	3.	0.16
+	HYDROGRAPH AT	A21H	14.	4.00	1.	0.	0.	0.01
	2 COMBINED AT	CA21H	163.	4.10	18.	5.	3.	0.17
	ROUTED TO							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		A21HRR	128.	4.23	18.	5.	3.	0.17
+	HYDROGRAPH AT	A21I	67.	4.03	5.	1.	1.	0.04
+	ROUTED TO	RA21I	64.	4.10	5.	1.	1.	0.04
+	HYDROGRAPH AT	A21J	181.	4.03	15.	4.	3.	0.11
+	3 COMBINED AT	CA21J	323.	4.10	38.	10.	7.	0.32
+	ROUTED TO	A21JRR	299.	4.17	38.	10.	7.	0.32
+	ROUTED TO	RA21J	286.	4.23	38.	10.	7.	0.32
+	HYDROGRAPH AT	A21N	394.	4.07	31.	8.	6.	0.26
+	4 COMBINED AT	CA21N	581.	4.10	144.	92.	87.	0.75
+	ROUTED TO	A21NRR	383.	4.43	142.	91.	84.	0.75
+	HYDROGRAPH AT	A21O	20.	4.03	2.	1.	0.	0.01
+	2 COMBINED AT	CA21O	386.	4.40	144.	92.	85.	0.76
	ROUTED TO	A21ORR	381.	4.50	144.	92.	84.	0.76
+	HYDROGRAPH AT	A21U	179.	4.10	17.	4.	3.	0.14
+	DIVERSION TO	A21UR	77.	3.90	4.	1.	1.	0.14
+	HYDROGRAPH AT	LA21U	179.	4.10	14.	3.	2.	0.14
+	2 COMBINED AT	CA21U	429.	4.37	155.	94.	86.	0.90
+	ROUTED TO	A21URR	312.	4.87	153.	94.	84.	0.90
+	DIVERSION TO	DA21US	15.	1.37	15.	15.	15.	0.90
+	HYDROGRAPH AT	DA21U	297.	4.87	138.	79.	69.	0.90
+	HYDROGRAPH AT	N21A36	7.	4.20	1.	0.	0.	0.02
+	HYDROGRAPH AT	N21AP3	5.	4.20	1.	0.	0.	0.01
+	3 COMBINED AT	C21AP3	301.	4.87	140.	79.	69.	0.92
+	ROUTED TO	L21AP3	300.	4.90	140.	79.	69.	0.92
	HYDROGRAPH AT	N21A25	6.	4.03	1.	0.	0.	0.00
+	ROUTED TO	R21A25	6.	4.10	1.	0.	0.	0.00

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	HYDROGRAPH AT	N21A24	5.	4.20	1.	0.	0.	0.02
+	HYDROGRAPH AT	N21A26	8.	4.33	2.	1.	0.	0.03
+	HYDROGRAPH AT	N21A27	0.	4.70	0.	0.	0.	0.00
+	4 COMBINED AT	C21A27	18.	4.20	4.	1.	1.	0.05
+	ROUTED TO	L21A27	2.	5.90	2.	1.	1.	0.05
+	HYDROGRAPH AT	N21A23	8.	4.33	2.	1.	0.	0.03
+	ROUTED TO	R21A23	8.	4.53	2.	1.	0.	0.03
+	HYDROGRAPH AT	N21A28	0.	5.00	0.	0.	0.	0.01
+	HYDROGRAPH AT	N21A29	4.	4.40	1.	0.	0.	0.02
+	4 COMBINED AT	C21A28	14.	4.53	5.	2.	1.	0.10
+	ROUTED TO	L2A281	6.	5.87	5.	3.	3.	0.10
+	ROUTED TO	L2A282	6.	7.37	5.	4.	4.	0.10
	HYDROGRAPH AT	N21A32	0.	4.87	0.	0.	0.	0.00
+	2 COMBINED AT	C21A32	6.	7.33	5.	4.	4.	0.11
+	ROUTED TO	L2A283	5.	9.00	5.	4.	4.	0.11
+	HYDROGRAPH AT	N21A31	8.	4.17	1.	0.	0.	0.02
+	HYDROGRAPH AT	N21A33	11.	4.37	3.	1.	1.	0.04
+	3 COMBINED AT	C21A33	22.	4.30	9.	5.	5.	0.16
+	HYDROGRAPH AT	N21A22	5.	4.23	1.	0.	0.	0.01
+	HYDROGRAPH AT	DRN23A	71.	4.47	8.	2.	1.	1.13
+	ROUTED TO	RN23AS	48.	5.50	8.	2.	1.	1.13
+	2 COMBINED AT	C21A22	64.	5.17	11.	3.	2.	0.01
+	DIVERSION TO	21A22I	61.	5.17	9.	2.	2.	0.01
+	HYDROGRAPH AT	D21A22	3.	3.97	2.	0.	0.	0.01
	HYDROGRAPH AT	N21A30	8.	4.30	2.	0.	0.	0.02
	HYDROGRAPH AT							

OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	N21AP1	4.	4.80	2.	1.	0.	0.02
+ 4 COMBINED AT	C21AP1	36.	4.33	14.	7.	6.	0.21
+ ROUTED TO	L21AP1	23.	5.07	14.	7.	6.	0.21
+ HYDROGRAPH AT	N21AP2	7.	4.20	1.	0.	0.	0.01
+ 2 COMBINED AT	C21AP2	25.	4.83	15.	7.	6.	0.22
+ ROUTED TO	L21AP2	25.	4.83	15.	7.	6.	0.22
+ HYDROGRAPH AT	N21A37	6.	4.20	1.	0.	0.	0.01
+ 3 COMBINED AT	C21APA	314.	4.90	152.	86.	75.	1.16
+ HYDROGRAPH AT	N21A34	8.	4.17	1.	0.	0.	0.02
+ HYDROGRAPH AT	N21A35	6.	4.13	1.	0.	0.	0.01
+ HYDROGRAPH AT	N21AP5	5.	4.13	1.	0.	0.	0.01
+ ROUTED TO	L21AP5	1.	5.23	0.	0.	0.	0.01
HYDROGRAPH AT	N21AP4	18.	4.27	4.	1.	1.	0.03
+ 5 COMBINED AT	C21APB	323.	4.87	157.	87.	76.	1.23
+ ROUTED TO	L21AP4	305.	5.17	156.	87.	75.	1.23
+ HYDROGRAPH AT	N21A39	5.	4.43	2.	1.	0.	0.01
+ HYDROGRAPH AT	DR2122	61.	5.17	9.	2.	2.	0.01
+ ROUTED TO	R21A22	54.	5.57	9.	2.	2.	0.01
+ 3 COMBINED AT	C21A39	320.	5.47	165.	89.	76.	1.24
+ ROUTED TO	R21A39	319.	5.50	165.	89.	76.	1.24
+ HYDROGRAPH AT	N21A40	13.	4.40	3.	1.	1.	0.05
+ 2 COMBINED AT	C21A40	321.	5.50	167.	90.	77.	1.29
+ HYDROGRAPH AT	N21A41	9.	4.33	2.	1.	0.	0.03
+ HYDROGRAPH AT	N21A42	7.	4.33	2.	0.	0.	0.02
HYDROGRAPH AT	N21A43	1.	4.20	0.	0.	0.	0.00
+ 4 COMBINED AT	C21A42	323.	5.50	170.	90.	77.	1.34

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	ROUTED TO	L21A43	325.	5.50	170.	90.	76.	1.34
+	HYDROGRAPH AT	A21P	44.	4.10	6.	1.	1.	0.04
+	ROUTED TO	A21PRR	16.	4.13	6.	1.	1.	0.04
+	ROUTED TO	RA21P	16.	4.20	6.	1.	1.	0.04
+	HYDROGRAPH AT	A21V	67.	4.03	4.	1.	1.	0.04
+	DIVERSION TO	A21VR	67.	4.03	4.	1.	1.	0.04
+	HYDROGRAPH AT	LA21V	0.	0.03	0.	0.	0.	0.04
+	HYDROGRAPH AT	A21Q	34.	4.13	6.	1.	1.	0.04
+	3 COMBINED AT	CA21Q	50.	4.13	11.	3.	2.	0.11
+	ROUTED TO	A21QRR	46.	4.27	11.	3.	2.	0.11
+	HYDROGRAPH AT	A21R	12.	4.03	1.	0.	0.	0.01
+	2 COMBINED AT	CA21R	52.	4.23	12.	3.	2.	0.12
	ROUTED TO	A21RRR	49.	4.37	12.	3.	2.	0.12
+	HYDROGRAPH AT	A21S	20.	4.07	2.	1.	0.	0.01
+	2 COMBINED AT	CA21S	58.	4.30	14.	4.	3.	0.14
+	ROUTED TO	A21SRR	57.	4.37	14.	4.	3.	0.14
+	HYDROGRAPH AT	A21T	59.	4.07	5.	1.	1.	0.04
+	2 COMBINED AT	CA21T	88.	4.10	19.	5.	4.	0.18
+	ROUTED TO	A21TRR	16.	4.10	16.	5.	4.	0.18
+	ROUTED TO	RA21T	16.	4.17	16.	5.	4.	0.18
+	HYDROGRAPH AT	A21AE	92.	4.03	7.	2.	1.	0.05
+	DIVERSION TO	A21AER	92.	4.03	7.	2.	1.	0.05
+	HYDROGRAPH AT	LA21AE	0.	0.03	0.	0.	0.	0.05
+	HYDROGRAPH AT	A21AF	6.	4.03	1.	0.	0.	0.00
	DIVERSION TO	A21AFR	6.	4.03	1.	0.	0.	0.00
	HYDROGRAPH AT							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		LA21AF	0.	0.03	0.	0.	0.	0.00
+	HYDROGRAPH AT	A21X	18.	4.10	2.	0.	0.	0.02
+	DIVERSION TO	A21XR	18.	4.10	2.	0.	0.	0.02
+	HYDROGRAPH AT	LA21X	0.	0.03	0.	0.	0.	0.02
+	HYDROGRAPH AT	A21W	13.	4.10	1.	0.	0.	0.02
+	DIVERSION TO	A21WR	13.	4.10	1.	0.	0.	0.02
+	HYDROGRAPH AT	LA21W	0.	0.03	0.	0.	0.	0.02
+	5 COMBINED AT	CA21AE	16.	4.17	16.	5.	4.	0.27
+	HYDROGRAPH AT	A21Y	81.	4.07	7.	2.	1.	0.05
+	DIVERSION TO	A21YR	81.	4.07	7.	2.	1.	0.05
+	HYDROGRAPH AT	LA21Y	0.	6.10	0.	0.	0.	0.05
+	HYDROGRAPH AT	A21Z	100.	4.07	8.	2.	2.	0.06
	DIVERSION TO	A21ZR	100.	4.07	8.	2.	2.	0.06
+	HYDROGRAPH AT	LA21Z	0.	0.03	0.	0.	0.	0.06
+	ROUTED TO	RA21Z	0.	0.03	0.	0.	0.	0.06
+	HYDROGRAPH AT	A21AB	72.	4.03	7.	2.	1.	0.04
+	DIVERSION TO	A21ABR	72.	4.03	7.	2.	1.	0.04
+	HYDROGRAPH AT	LA21AB	0.	0.03	0.	0.	0.	0.04
+	3 COMBINED AT	CA21AB	0.	6.10	0.	0.	0.	0.15
+	ROUTED TO	RA21AB	0.	6.23	0.	0.	0.	0.15
+	HYDROGRAPH AT	A21AC	47.	4.00	4.	1.	1.	0.02
+	DIVERSION TO	A21ACR	47.	4.00	4.	1.	1.	0.02
+	HYDROGRAPH AT	LA21AC	0.	0.03	0.	0.	0.	0.02
+	HYDROGRAPH AT	A21AA	22.	4.03	2.	0.	0.	0.01
	DIVERSION TO	A21AAR	22.	4.03	2.	0.	0.	0.01
+	HYDROGRAPH AT	LA21AA	5.	4.30	0.	0.	0.	0.01

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	HYDROGRAPH AT	A21AD	79.	4.07	8.	2.	1.	0.05
+	DIVERSION TO	A21ADR	79.	4.07	8.	2.	1.	0.05
+	HYDROGRAPH AT	LA21AD	9.	4.73	1.	0.	0.	0.05
+	4 COMBINED AT	CA21AD	9.	4.73	1.	0.	0.	0.24
+	ROUTED TO	RA21AD	8.	4.83	1.	0.	0.	0.24
+	2 COMBINED AT	A21AEC	24.	4.83	17.	5.	4.	0.51
+	ROUTED TO	RA21AE	24.	4.90	17.	5.	4.	0.51
+	HYDROGRAPH AT	A21AG	54.	4.03	4.	1.	1.	0.03
+	DIVERSION TO	A21AGR	54.	4.03	4.	1.	1.	0.03
+	HYDROGRAPH AT	LA21AG	0.	0.03	0.	0.	0.	0.03
+	2 COMBINED AT	CA21AG	24.	4.90	17.	5.	4.	0.54
+	ROUTED TO	RA21AG	23.	4.93	17.	5.	4.	0.54
	HYDROGRAPH AT	A21AH	42.	4.03	3.	1.	1.	0.03
+	DIVERSION TO	A21AHR	42.	4.03	3.	1.	1.	0.03
+	HYDROGRAPH AT	LA21AH	0.	0.03	0.	0.	0.	0.03
+	HYDROGRAPH AT	A21AI	11.	4.03	1.	0.	0.	0.01
+	DIVERSION TO	A21AIR	11.	4.03	1.	0.	0.	0.01
+	HYDROGRAPH AT	LA21AI	0.	0.03	0.	0.	0.	0.01
+	HYDROGRAPH AT	A21AJ	17.	4.07	2.	1.	0.	0.01
+	DIVERSION TO	A21AIR	17.	4.07	2.	1.	0.	0.01
+	HYDROGRAPH AT	LA21AI	0.	0.03	0.	0.	0.	0.01
+	3 COMBINED AT	CA21AJ	0.	0.03	0.	0.	0.	0.04
+	HYDROGRAPH AT	A21AK	81.	4.03	8.	2.	1.	0.04
+	DIVERSION TO	A21AKR	81.	4.03	8.	2.	1.	0.04
	HYDROGRAPH AT	LA21AK	0.	0.03	0.	0.	0.	0.04
	HYDROGRAPH AT							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		DA21US	15.	1.37	15.	15.	15.	0.90
+	ROUTED TO	RA21US	15.	1.57	15.	15.	15.	0.90
+	HYDROGRAPH AT	N21A38	7.	4.30	2.	0.	0.	0.02
+	ROUTED TO	L21A38	1.	6.00	0.	0.	0.	0.02
+	ROUTED TO	R21A38	1.	6.30	0.	0.	0.	0.02
+	5 COMBINED AT	CN21B	37.	4.93	32.	20.	18.	0.65
+	ROUTED TO	RN21B	36.	5.13	32.	20.	18.	0.65
+	HYDROGRAPH AT	N21A44	17.	4.20	3.	1.	1.	0.03
+	ROUTED TO	L21A44	0.	0.03	0.	0.	0.	0.03
+	ROUTED TO	R21A44	0.	0.03	0.	0.	0.	0.03
+	HYDROGRAPH AT	N21A90	4.	4.53	2.	0.	0.	0.01
+	4 COMBINED AT	C21A43	334.	5.20	195.	108.	93.	2.03
+	ROUTED TO	R21A43	333.	5.37	195.	108.	93.	2.03
+	HYDROGRAPH AT	N21A19	3.	4.17	0.	0.	0.	0.01
+	HYDROGRAPH AT	N21A91	3.	4.27	1.	0.	0.	0.00
+	3 COMBINED AT	C21A91	335.	5.33	196.	109.	93.	2.04
+	ROUTED TO	R21A91	334.	5.40	196.	109.	93.	2.04
+	HYDROGRAPH AT	N21A4	4.	4.17	1.	0.	0.	0.01
+	DIVERSION TO	21A4I	2.	4.17	0.	0.	0.	0.01
+	HYDROGRAPH AT	D21A4	3.	4.17	0.	0.	0.	0.01
+	HYDROGRAPH AT	N21A2	4.	4.20	1.	0.	0.	0.01
+	HYDROGRAPH AT	N21A3	6.	4.23	1.	0.	0.	0.02
+	3 COMBINED AT	C21A3	12.	4.20	2.	1.	0.	0.03
+	ROUTED TO	R21A3	12.	4.30	2.	1.	0.	0.03
+	HYDROGRAPH AT	N21A1	17.	4.17	2.	1.	0.	0.02
+	ROUTED TO	R21A1	16.	4.33	2.	1.	0.	0.02

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	HYDROGRAPH AT	N21A5	1.	4.67	0.	0.	0.	0.01
+	3 COMBINED AT	C21A5	28.	4.33	5.	1.	1.	0.07
+	ROUTED TO	R21A5	28.	4.40	5.	1.	1.	0.07
+	HYDROGRAPH AT	DR21A4	2.	4.17	0.	0.	0.	0.01
+	ROUTED TO	R21A4	2.	4.27	0.	0.	0.	0.01
+	HYDROGRAPH AT	N21A6	10.	4.17	2.	0.	0.	0.02
+	2 COMBINED AT	C21A6	11.	4.20	2.	0.	0.	0.02
+	ROUTED TO	R21A6	11.	4.33	2.	0.	0.	0.02
+	HYDROGRAPH AT	N21A7	6.	4.17	1.	0.	0.	0.01
+	ROUTED TO	R21A7	6.	4.50	1.	0.	0.	0.01
+	HYDROGRAPH AT	N21A8	0.	0.03	0.	0.	0.	0.01
+	4 COMBINED AT	C21A8	44.	4.40	8.	2.	1.	0.11
	ROUTED TO	L21A8	1.	6.57	1.	1.	1.	0.11
+	ROUTED TO	R21A8	1.	6.77	1.	1.	1.	0.11
+	HYDROGRAPH AT	N21A9	11.	4.23	2.	0.	0.	0.03
+	ROUTED TO	R21A9	11.	4.33	2.	0.	0.	0.03
+	HYDROGRAPH AT	N21A10	20.	4.23	4.	1.	1.	0.05
+	HYDROGRAPH AT	N21A11	1.	4.57	0.	0.	0.	0.01
+	HYDROGRAPH AT	N21A12	4.	4.30	1.	0.	0.	0.01
+	5 COMBINED AT	C21A11	35.	4.30	8.	3.	2.	0.21
+	ROUTED TO	L21A11	17.	4.90	8.	3.	2.	0.21
+	ROUTED TO	L21A14	17.	4.93	8.	3.	2.	0.21
+	ROUTED TO	R21A11	17.	4.97	8.	3.	2.	0.21
+	HYDROGRAPH AT	N21A14	5.	4.77	2.	0.	0.	0.06
	2 COMBINED AT	C21A14	22.	4.90	9.	3.	2.	0.27
	HYDROGRAPH AT							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		N21A13	9.	4.20	2.	0.	0.	0.02
+	HYDROGRAPH AT	N21A15	5.	4.23	1.	0.	0.	0.01
+	3 COMBINED AT	C21A15	29.	4.53	12.	4.	3.	0.30
+	ROUTED TO	L21A15	20.	5.60	12.	4.	3.	0.30
+	HYDROGRAPH AT	N21A17	1.	4.53	1.	0.	0.	0.01
+	ROUTED TO	L21A17	1.	4.90	1.	0.	0.	0.01
+	2 COMBINED AT	C21A17	21.	5.50	12.	4.	3.	0.32
+	HYDROGRAPH AT	N21A16	7.	4.30	2.	0.	0.	0.02
+	ROUTED TO	L21A16	12.	0.03	12.	12.	12.	0.02
+	2 COMBINED AT	C21A16	33.	5.50	24.	16.	15.	0.34
+	ROUTED TO	R21A16	33.	5.57	24.	16.	15.	0.34
+	HYDROGRAPH AT	N21A20	0.	5.00	0.	0.	0.	0.00
+	2 COMBINED AT	C21A20	33.	5.53	24.	16.	15.	0.34
+	ROUTED TO	L21A20	33.	5.57	24.	16.	15.	0.34
+	HYDROGRAPH AT	N21A18	9.	4.30	2.	1.	0.	0.03
+	2 COMBINED AT	C21A18	37.	4.57	26.	16.	15.	0.37
+	ROUTED TO	R21A18	37.	4.63	26.	16.	15.	0.37
+	HYDROGRAPH AT	N21A21	13.	4.17	2.	0.	0.	0.02
+	ROUTED TO	L21A21	3.	4.97	1.	0.	0.	0.02
+	HYDROGRAPH AT	N21A92	3.	4.37	1.	0.	0.	0.01
+	4 COMBINED AT	CN21A	344.	5.43	211.	122.	106.	3.72
+	ROUTED TO	RN21A	344.	5.53	211.	122.	105.	3.72
+	HYDROGRAPH AT	N21	229.	4.63	68.	18.	13.	0.62
+	4 COMBINED AT	CN21	904.	5.87	501.	203.	166.	15.37
	HYDROGRAPH AT	A09U	207.	4.13	15.	4.	3.	0.17
+	DIVERSION TO	A09UI	41.	4.13	3.	1.	1.	0.17

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	HYDROGRAPH AT	DA09U	166.	4.13	12.	3.	2.	0.17
+	ROUTED TO	RA09US	137.	4.40	12.	3.	2.	0.17
+	HYDROGRAPH AT	N11N	300.	4.07	19.	5.	3.	0.26
+	DIVERSION TO	N11NI	276.	4.07	17.	4.	3.	0.26
+	HYDROGRAPH AT	DN11N	23.	4.07	2.	1.	0.	0.26
+	ROUTED TO	RN11NW	19.	4.70	2.	1.	0.	0.26
+	HYDROGRAPH AT	N11O	42.	4.23	3.	1.	1.	0.05
+	DIVERSION TO	N11OI	4.	4.23	0.	0.	0.	0.05
+	HYDROGRAPH AT	DN11O	38.	4.23	3.	1.	1.	0.05
+	ROUTED TO	RN11OS	28.	4.90	3.	1.	1.	0.05
+	HYDROGRAPH AT	N11M	22.	5.17	6.	1.	1.	0.10
+	4 COMBINED AT	CN11M	146.	4.43	23.	6.	4.	0.32
	DIVERSION TO	N11MI	36.	4.43	6.	1.	1.	0.32
+	HYDROGRAPH AT	DN11M	109.	4.43	17.	4.	3.	0.32
+	ROUTED TO	RN11MS	96.	4.73	17.	4.	3.	0.32
+	HYDROGRAPH AT	N11K	99.	4.27	15.	4.	3.	0.19
+	DIVERSION TO	LN11KD	63.	4.10	2.	1.	0.	0.19
+	HYDROGRAPH AT	LN11K	99.	4.27	13.	3.	2.	0.19
+	HYDROGRAPH AT	DRN11N	276.	4.07	17.	4.	3.	0.26
+	ROUTED TO	RN11NS	228.	4.30	17.	4.	3.	0.26
+	2 COMBINED AT	CN11K	326.	4.30	30.	7.	5.	0.45
+	DIVERSION TO	N11KI	323.	4.30	29.	7.	5.	0.45
+	HYDROGRAPH AT	DN11K	10.	4.67	1.	0.	0.	0.45
+	ROUTED TO	RN11KW	5.	4.97	1.	0.	0.	0.45
	HYDROGRAPH AT	N11J	173.	4.20	19.	5.	3.	0.24
	DIVERSION TO							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		LN11JD	118.	4.07	4.	1.	1.	0.24
+	HYDROGRAPH AT	LN11J	173.	4.20	16.	4.	3.	0.24
+	3 COMBINED AT	CN11J	171.	4.23	33.	8.	6.	0.56
+	DIVERSION TO	N11JI	26.	4.23	7.	2.	1.	0.56
+	HYDROGRAPH AT	DN11J	145.	4.23	26.	7.	5.	0.56
+	ROUTED TO	RN11JS	119.	5.07	26.	7.	5.	0.56
+	HYDROGRAPH AT	N11G	192.	4.70	31.	8.	6.	0.52
+	2 COMBINED AT	CN11G	195.	4.83	42.	11.	8.	1.08
+	DIVERSION TO	N11GI	0.	5.03	0.	0.	0.	1.08
+	HYDROGRAPH AT	DN11G	195.	4.83	42.	11.	8.	1.08
+	ROUTED TO	RN11GS	188.	5.10	42.	11.	8.	1.08
+	HYDROGRAPH AT	N11F	137.	4.47	15.	4.	3.	0.24
+	2 COMBINED AT	CN11F	185.	5.07	48.	12.	9.	1.33
+	ROUTED TO	RN11F	176.	5.33	48.	12.	9.	1.33
+	HYDROGRAPH AT	N11C	148.	4.30	26.	7.	5.	0.25
+	DIVERSION TO	LN11CD	148.	4.30	26.	6.	5.	0.25
+	HYDROGRAPH AT	LN11C	9.	6.10	1.	0.	0.	0.25
+	2 COMBINED AT	CN11C	174.	5.33	48.	12.	9.	1.58
+	DIVERSION TO	N11CWI	1.	5.30	0.	0.	0.	1.58
+	HYDROGRAPH AT	DN11CW	151.	5.37	44.	11.	8.	1.58
+	DIVERSION TO	N11CEI	11.	5.57	7.	2.	1.	1.58
+	HYDROGRAPH AT	DN11CE	140.	5.37	37.	9.	7.	1.58
+	HYDROGRAPH AT	DRN11C	1.	5.30	0.	0.	0.	1.58
+	ROUTED TO	LN11CW	0.	5.73	0.	0.	0.	1.58
	HYDROGRAPH AT	DR11C*	11.	5.57	7.	2.	1.	1.58
+	ROUTED TO	LN11CE	4.	9.20	3.	2.	1.	1.58

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	3 COMBINED AT	CN11C*	143.	5.37	40.	11.	8.	1.58
+	HYDROGRAPH AT	DRN11K	323.	4.30	29.	7.	5.	0.45
+	ROUTED TO	RN11KS	254.	4.83	29.	7.	5.	0.45
+	DIVERSION TO	X5I	216.	4.83	23.	6.	4.	0.45
+	HYDROGRAPH AT	DX5	38.	4.83	6.	2.	1.	0.45
+	ROUTED TO	RX5W	37.	5.17	6.	2.	1.	0.45
+	HYDROGRAPH AT	N11H	166.	4.70	27.	7.	5.	0.44
+	2 COMBINED AT	CN11H	131.	4.70	27.	7.	5.	0.89
+	ROUTED TO	RN11HW	117.	5.20	27.	7.	5.	0.89
+	HYDROGRAPH AT	N11D	225.	4.40	48.	12.	9.	0.51
+	DIVERSION TO	LN11DD	225.	4.40	48.	12.	9.	0.51
+	HYDROGRAPH AT	LN11D	0.	0.03	0.	0.	0.	0.51
	2 COMBINED AT	LN11D*	117.	5.20	27.	7.	5.	1.40
+	HYDROGRAPH AT	DRX5	216.	4.83	23.	6.	4.	0.45
+	ROUTED TO	RX5S	165.	5.37	23.	6.	4.	0.45
+	HYDROGRAPH AT	N11I	443.	4.30	68.	17.	12.	0.62
+	HYDROGRAPH AT	DRN11L	139.	4.57	17.	4.	3.	0.68
+	ROUTED TO	RN11LS	117.	5.07	17.	4.	3.	0.68
+	HYDROGRAPH AT	DRN22A	51.	4.33	7.	2.	1.	0.37
+	ROUTED TO	RN22AW	48.	4.63	7.	2.	1.	0.37
+	3 COMBINED AT	CN11I	441.	4.30	90.	23.	16.	1.30
+	DIVERSION TO	N11II	192.	4.33	40.	10.	7.	1.30
+	HYDROGRAPH AT	DN11I	192.	4.33	40.	10.	7.	1.30
+	ROUTED TO	RN11IS	190.	4.50	40.	10.	7.	1.30
	HYDROGRAPH AT	DRN11I	192.	4.33	40.	10.	7.	1.30
	ROUTED TO							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		RN11IW	186.	4.63	40.	10.	7.	1.30
+	2 COMBINED AT	CX50	371.	4.60	80.	20.	14.	1.30
+	ROUTED TO	LX50	344.	4.77	171.	151.	149.	1.30
+	DIVERSION TO	DX50I	274.	4.77	157.	143.	142.	1.30
+	HYDROGRAPH AT	DX50	70.	4.77	14.	8.	7.	1.30
+	ROUTED TO	RX50E	68.	5.03	14.	8.	7.	1.30
+	HYDROGRAPH AT	N22	244.	4.60	67.	17.	12.	0.47
+	DIVERSION TO	LN22D	244.	4.60	64.	16.	12.	0.47
+	HYDROGRAPH AT	LN22	23.	7.07	3.	1.	1.	0.47
+	2 COMBINED AT	CN22	67.	5.03	16.	8.	7.	1.77
+	DIVERSION TO	N22I	61.	5.07	14.	8.	7.	1.77
+	HYDROGRAPH AT	DN22	0.	0.03	0.	0.	0.	1.77
+	ROUTED TO	RN22W	0.	0.03	0.	0.	0.	1.77
+	HYDROGRAPH AT	DRX50I	274.	4.77	157.	143.	142.	1.30
+	ROUTED TO	RX50W	271.	4.93	157.	143.	141.	1.30
+	HYDROGRAPH AT	N11E	301.	4.37	59.	15.	11.	0.49
+	DIVERSION TO	LN11ED	301.	4.37	59.	15.	11.	0.49
+	HYDROGRAPH AT	LN11E	0.	0.03	0.	0.	0.	0.49
+	3 COMBINED AT	CN11E	271.	4.93	157.	143.	141.	1.79
+	DIVERSION TO	N11EI	257.	4.97	154.	142.	140.	1.79
+	HYDROGRAPH AT	DN11E	0.	0.27	0.	0.	0.	1.79
+	ROUTED TO	RN11EW	0.	2.73	0.	0.	0.	1.79
+	2 COMBINED AT	CX1	165.	5.37	23.	6.	4.	2.24
+	DIVERSION TO	X1I	56.	5.63	11.	3.	2.	2.24
+	HYDROGRAPH AT	DX1	0.	5.37	0.	0.	0.	2.24
+	ROUTED TO	RX1W	0.	5.73	0.	0.	0.	2.24

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	3 COMBINED AT	CN11D	144.	5.73	43.	11.	8.	2.97
+	ROUTED TO	RWBW1	121.	6.17	39.	11.	8.	2.97
+	HYDROGRAPH AT	WBW	432.	4.77	111.	28.	21.	1.00
+	2 COMBINED AT	CWBW	334.	4.83	128.	34.	25.	3.97
+	ROUTED TO	RBWB	24.	8.37	24.	20.	16.	3.97
+	ROUTED TO	RWBW2	24.	9.40	24.	20.	16.	3.97
+	HYDROGRAPH AT	DRN11E	257.	4.97	154.	142.	140.	1.79
+	ROUTED TO	R-WBE1	257.	4.97	154.	142.	140.	1.79
+	HYDROGRAPH AT	WB1	168.	4.20	18.	4.	3.	0.12
+	2 COMBINED AT	CPWB1	276.	4.90	170.	146.	143.	1.91
+	ROUTED TO	R-R3	273.	5.00	170.	146.	140.	1.91
+	HYDROGRAPH AT	WB2	93.	4.47	16.	4.	3.	0.10
	2 COMBINED AT	CPWB2	319.	4.90	185.	150.	143.	2.01
+	ROUTED TO	R-4-5	306.	5.07	170.	146.	127.	2.01
+	HYDROGRAPH AT	WB3	21.	4.10	2.	0.	0.	0.01
+	2 COMBINED AT	CPWB3	307.	5.07	170.	146.	128.	2.02
+	ROUTED TO	R-6	306.	5.13	169.	146.	127.	2.02
+	HYDROGRAPH AT	DRN22	61.	5.07	14.	8.	7.	1.77
+	HYDROGRAPH AT	WB4	93.	4.13	9.	2.	2.	0.06
+	2 COMBINED AT	CPWB4	67.	4.13	21.	10.	8.	1.83
+	ROUTED TO	R-R1	32.	5.57	20.	10.	8.	1.83
+	HYDROGRAPH AT	WB5	103.	4.17	11.	3.	2.	0.08
+	2 COMBINED AT	CPWB5	88.	4.17	29.	12.	10.	1.91
+	ROUTED TO	R-R2	18.	8.10	17.	11.	9.	1.91
	2 COMBINED AT	CPR6	306.	5.13	182.	155.	135.	3.93
	ROUTED TO							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		RCR26	288.	5.27	179.	155.	133.	3.93
+	HYDROGRAPH AT	WB7	60.	4.10	6.	1.	1.	0.03
+	2 COMBINED AT	CR6W7	290.	5.27	180.	155.	134.	3.97
+	ROUTED TO	R-R7	289.	5.30	179.	154.	133.	3.97
+	HYDROGRAPH AT	WB6	107.	4.27	14.	3.	2.	0.08
+	ROUTED TO	R-R8	17.	4.97	12.	3.	2.	0.08
+	2 COMBINED AT	C7R8	304.	5.30	188.	157.	135.	4.05
+	ROUTED TO	RC78	303.	5.37	188.	157.	134.	4.05
+	HYDROGRAPH AT	WB8	63.	4.07	6.	2.	1.	0.03
+	2 COMBINED AT	CP-678	304.	5.37	188.	157.	135.	4.08
+	HYDROGRAPH AT	WB10	79.	4.17	8.	2.	1.	0.06
+	ROUTED TO	R-R9	19.	4.53	8.	2.	1.	0.06
+	2 COMBINED AT	WBEOT	317.	5.37	191.	158.	137.	4.14
+	DIVERSION TO	TONRI	98.	5.43	63.	50.	42.	4.14
+	HYDROGRAPH AT	DVNR	220.	5.37	128.	107.	94.	4.14
+	DIVERSION TO	DCLUB	33.	5.37	11.	6.	5.	4.14
+	HYDROGRAPH AT	CCLUB	187.	5.37	116.	101.	89.	4.14
+	ROUTED TO	RR287	186.	5.40	116.	101.	89.	4.14
+	DIVERSION TO	DV87SI	34.	5.40	12.	7.	6.	4.14
+	HYDROGRAPH AT	DV87S	152.	5.40	105.	94.	83.	4.14
+	ROUTED TO	RR289	151.	5.47	104.	94.	83.	4.14
+	DIVERSION TO	DV89I	5.	5.43	0.	0.	0.	4.14
+	HYDROGRAPH AT	DS89	146.	5.47	104.	94.	83.	4.14
+	ROUTED TO	TODET	146.	5.53	104.	94.	83.	4.14
+	DIVERSION TO	DV91I	41.	5.53	7.	2.	1.	4.14
+	HYDROGRAPH AT	DV91	105.	5.53	97.	92.	82.	4.14

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	HYDROGRAPH AT	WB9	364.	4.10	41.	10.	7.	0.28
+	ROUTED TO	R-R10	28.	4.93	23.	10.	7.	0.28
+	HYDROGRAPH AT	DRIX1	56.	5.63	11.	3.	2.	2.24
+	ROUTED TO	RX1S	47.	6.30	11.	3.	2.	2.24
+	4 COMBINED AT	CN11B	166.	6.67	143.	119.	104.	6.49
+	ROUTED TO	RCP91	166.	6.67	143.	119.	104.	6.49
+	HYDROGRAPH AT	SB-G4a	78.	4.07	6.	2.	1.	0.06
+	HYDROGRAPH AT	DR91	41.	5.53	7.	2.	1.	4.14
+	ROUTED TO	R2DET	41.	5.57	7.	2.	1.	4.14
+	3 COMBINED AT	CPDET	169.	6.50	146.	119.	104.	10.63
+	ROUTED TO	S-DET	151.	7.53	140.	118.	108.	10.63
+	ROUTED TO	RDET	151.	7.60	140.	118.	108.	10.63
	ROUTED TO	RN11BS	151.	7.93	140.	118.	106.	10.63
+	HYDROGRAPH AT	N11	540.	4.43	124.	31.	23.	0.90
+	HYDROGRAPH AT	DRV87	34.	5.40	12.	7.	6.	4.14
+	ROUTED TO	RDV87S	34.	5.50	12.	7.	5.	4.14
+	ROUTED TO	R-G1	32.	5.60	12.	7.	5.	4.14
+	DIVERSION TO	DX55I	32.	5.60	12.	7.	5.	4.14
+	HYDROGRAPH AT	DX55	0.	0.03	0.	0.	0.	4.14
+	DIVERSION TO	DX56I	0.	0.03	0.	0.	0.	4.14
+	HYDROGRAPH AT	DX56	0.	0.03	0.	0.	0.	4.14
+	ROUTED TO	DX56W	0.	0.03	0.	0.	0.	4.14
+	HYDROGRAPH AT	DRV89	5.	5.43	0.	0.	0.	4.14
+	ROUTED TO	RDV89S	1.	5.67	0.	0.	0.	4.14
	ROUTED TO	RDV89E	1.	6.40	0.	0.	0.	4.14
	4 COMBINED AT							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		CN11	540.	4.60	241.	151.	134.	11.53
+	ROUTED TO	RN11	450.	4.80	214.	139.	124.	11.53
+	HYDROGRAPH AT	N10	244.	4.47	62.	16.	11.	0.49
+	HYDROGRAPH AT	S10R	15.	4.37	4.	1.	1.	0.03
+	DIVERSION TO	S10RI	9.	4.37	2.	1.	0.	0.03
+	HYDROGRAPH AT	DS10RO	6.	4.37	2.	1.	0.	0.03
+	ROUTED TO	RS10RS	4.	4.93	2.	1.	0.	0.03
+	3 COMBINED AT	CN10	586.	4.77	254.	150.	132.	12.05
+	DIVERSION TO	N10I	1.	4.70	0.	0.	0.	12.05
+	HYDROGRAPH AT	DN10	586.	4.77	254.	149.	132.	12.05
+	ROUTED TO	RN10E	583.	4.90	254.	149.	131.	12.05
+	HYDROGRAPH AT	DR56	0.	0.03	0.	0.	0.	4.14
+	ROUTED TO	RDR56	0.	0.03	0.	0.	0.	4.14
+	HYDROGRAPH AT	N09	492.	4.33	98.	25.	18.	0.65
+	3 COMBINED AT	CN09*	804.	4.77	321.	167.	145.	12.70
+	HYDROGRAPH AT	CN21	904.	5.87	501.	203.	166.	15.37
+	ROUTED TO	RN21	875.	6.23	489.	202.	163.	15.37
+	HYDROGRAPH AT	DRTONR	98.	5.43	63.	50.	42.	4.14
+	HYDROGRAPH AT	N20	191.	4.43	45.	12.	8.	0.36
+	3 COMBINED AT	CN20	965.	6.20	562.	255.	210.	15.73
+	ROUTED TO	RN20	962.	6.63	561.	255.	206.	15.73
+	HYDROGRAPH AT	N12	194.	4.70	67.	18.	13.	0.51
+	DIVERSION TO	LN12D	30.	3.93	4.	1.	1.	0.51
+	HYDROGRAPH AT	LN12	194.	4.70	66.	17.	12.	0.51
+	HYDROGRAPH AT	N13	111.	5.10	68.	21.	15.	0.50
+	3 COMBINED AT	CN12	1064.	6.60	636.	280.	226.	16.73

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	ROUTED TO	RN12	1060.	6.80	635.	279.	224.	16.73
+	2 COMBINED AT	CN09+	1166.	6.73	851.	422.	354.	26.16
+	ROUTED TO	RN09*	1164.	6.90	851.	422.	352.	26.16
+	HYDROGRAPH AT	N19E	231.	5.03	58.	15.	11.	0.70
+	HYDROGRAPH AT	N19F	86.	5.10	25.	6.	5.	0.37
+	2 COMBINED AT	CN19E	266.	5.07	71.	18.	13.	1.08
+	ROUTED TO	RN19E	253.	5.33	71.	18.	13.	1.08
+	HYDROGRAPH AT	N19D	214.	4.50	39.	10.	7.	0.39
+	2 COMBINED AT	CN19D	285.	5.27	95.	25.	18.	1.47
+	ROUTED TO	RN19D	278.	5.63	95.	25.	18.	1.47
+	HYDROGRAPH AT	N19C	581.	4.20	70.	18.	13.	0.76
+	2 COMBINED AT	CN19C	387.	4.20	137.	36.	26.	2.23
	ROUTED TO	RN19C	366.	4.50	137.	36.	26.	2.23
+	HYDROGRAPH AT	N19B	339.	4.13	31.	8.	6.	0.32
+	2 COMBINED AT	CN19B	429.	4.43	152.	40.	29.	2.54
+	ROUTED TO	RN19B	404.	4.90	152.	40.	29.	2.54
+	HYDROGRAPH AT	N19A	339.	4.50	56.	14.	10.	0.47
+	HYDROGRAPH AT	A21B	15.	4.20	2.	0.	0.	0.02
+	ROUTED TO	RA21B	14.	4.30	2.	0.	0.	0.02
+	3 COMBINED AT	CN19A	547.	4.83	189.	50.	36.	3.04
+	ROUTED TO	397RR	426.	5.20	186.	50.	36.	3.04
+	HYDROGRAPH AT	398A	179.	4.10	16.	4.	3.	0.10
+	HYDROGRAPH AT	398B	98.	4.30	22.	6.	4.	0.14
+	3 COMBINED AT	C398B	462.	5.13	213.	58.	42.	3.28
	ROUTED TO	398BRR	385.	5.60	208.	58.	42.	3.28
	DIVERSION TO							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		398BI	128.	5.60	69.	19.	14.	3.28
+	HYDROGRAPH AT	D398B	257.	5.60	139.	39.	28.	3.28
+	DIVERSION TO	398BSI	128.	5.60	69.	19.	14.	3.28
+	HYDROGRAPH AT	D398BE	128.	5.60	69.	20.	14.	3.28
+	HYDROGRAPH AT	398D	160.	4.03	13.	3.	2.	0.08
+	HYDROGRAPH AT	398E	189.	4.10	16.	4.	3.	0.11
+	HYDROGRAPH AT	398F	112.	4.43	35.	9.	7.	0.20
+	4 COMBINED AT	C398F	248.	4.10	120.	34.	25.	3.68
+	ROUTED TO	398FRR	106.	6.87	86.	34.	25.	3.68
+	HYDROGRAPH AT	D398BW	128.	5.60	69.	19.	14.	3.28
+	HYDROGRAPH AT	398C	42.	4.60	15.	4.	3.	0.09
+	2 COMBINED AT	C398C	152.	5.50	82.	23.	17.	3.27
+	ROUTED TO	398CRR	96.	6.97	69.	23.	17.	3.27
+	HYDROGRAPH AT	398BSW	128.	5.60	69.	19.	14.	3.28
+	HYDROGRAPH AT	398G	69.	4.83	30.	8.	6.	0.22
+	4 COMBINED AT	C398G	325.	6.07	238.	82.	59.	4.09
+	ROUTED TO	398GRR	268.	7.67	213.	81.	59.	4.09
+	ROUTED TO	RM399	267.	7.87	211.	81.	59.	4.09
+	HYDROGRAPH AT	N18	291.	4.33	52.	13.	9.	0.50
+	2 COMBINED AT	CN18	267.	7.87	213.	91.	66.	4.59
+	ROUTED TO	RN18	263.	8.17	210.	90.	65.	4.59
+	HYDROGRAPH AT	N17	113.	4.77	42.	11.	8.	0.41
+	2 COMBINED AT	CN17	270.	8.00	230.	96.	70.	5.01
+	ROUTED TO	RN17	270.	8.27	229.	96.	70.	5.01
+	HYDROGRAPH AT	N16	442.	4.47	105.	27.	19.	0.92
+	2 COMBINED AT	CN16	469.	5.07	278.	116.	85.	5.93

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	ROUTED TO	RN16	463.	5.23	277.	116.	85.	5.93
+	HYDROGRAPH AT	N15B	290.	4.60	82.	21.	15.	0.75
+	ROUTED TO	RN15B	278.	5.33	82.	21.	15.	0.75
+	HYDROGRAPH AT	N15A	398.	4.57	105.	27.	19.	0.80
+	DIVERSION TO	LN15AD	398.	4.57	105.	27.	19.	0.80
+	HYDROGRAPH AT	LN15A	9.	7.67	1.	0.	0.	0.80
+	2 COMBINED AT	CN15A	278.	5.33	83.	21.	15.	1.54
+	ROUTED TO	RN15A	247.	5.60	76.	20.	14.	1.54
+	HYDROGRAPH AT	N15	208.	4.60	64.	17.	12.	0.54
+	3 COMBINED AT	CN15	718.	5.30	366.	141.	102.	8.01
+	ROUTED TO	RN15	713.	5.43	365.	141.	102.	8.01
+	HYDROGRAPH AT	N14A	177.	4.60	54.	14.	10.	0.44
	ROUTED TO	RN14A	176.	4.73	54.	14.	10.	0.44
+	HYDROGRAPH AT	N14	107.	4.10	15.	4.	3.	0.08
+	3 COMBINED AT	CN14	803.	5.43	402.	154.	112.	8.53
+	ROUTED TO	RN14	711.	5.90	398.	154.	112.	8.53
+	HYDROGRAPH AT	N08B	298.	4.60	88.	23.	16.	0.70
+	DIVERSION TO	LN08BD	298.	4.60	88.	22.	16.	0.70
+	HYDROGRAPH AT	LN08B	16.	7.57	2.	1.	0.	0.70
+	ROUTED TO	RN08B	5.	8.57	2.	1.	0.	0.70
+	HYDROGRAPH AT	N08A	293.	4.67	97.	25.	18.	0.74
+	*DIVERSION TO*	LN08AD	293.	4.67	91.	23.	17.	0.74
+	HYDROGRAPH AT	LN08A	54.	6.67	9.	2.	2.	0.74
+	2 COMBINED AT	CN08A	27.	6.67	5.	1.	1.	1.43
	ROUTED TO	RN08A	10.	7.80	5.	1.	1.	1.43
	HYDROGRAPH AT							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
		N08	385.	4.47	101.	26.	19.	0.79
+	3 COMBINED AT	CN08	760.	5.87	435.	170.	124.	10.75
+	ROUTED TO	RN08	759.	5.93	435.	170.	124.	10.75
+	2 COMBINED AT	CN09	1570.	6.60	1157.	547.	447.	36.91
+	ROUTED TO	RN09	1568.	6.83	1156.	547.	443.	36.91
+	HYDROGRAPH AT	DRN10	1.	4.70	0.	0.	0.	12.05
+	ROUTED TO	RN10S	1.	4.97	0.	0.	0.	12.05
+	DIVERSION TO	DX26I	0.	0.53	0.	0.	0.	12.05
+	HYDROGRAPH AT	DX26O	1.	4.97	0.	0.	0.	12.05
+	ROUTED TO	RX26S	0.	5.57	0.	0.	0.	12.05
+	HYDROGRAPH AT	DRX26	0.	0.53	0.	0.	0.	12.05
+	HYDROGRAPH AT	N07A	359.	4.20	44.	11.	8.	0.36
	DIVERSION TO	LN07AD	359.	4.20	44.	11.	8.	0.36
+	HYDROGRAPH AT	LN07A	0.	0.03	0.	0.	0.	0.36
+	2 COMBINED AT	CN07A	121.	4.73	6.	2.	1.	0.36
+	HYDROGRAPH AT	N07	369.	4.43	84.	21.	15.	0.75
+	4 COMBINED AT	CN07	1572.	6.83	1177.	556.	452.	38.15
+	ROUTED TO	RN07	1566.	7.17	1171.	556.	447.	38.15
+	HYDROGRAPH AT	A11L	346.	4.27	32.	8.	6.	0.25
+	ROUTED TO	RA11L	320.	4.43	32.	8.	6.	0.25
+	HYDROGRAPH AT	A11M	370.	4.13	28.	7.	5.	0.26
+	ROUTED TO	RA11M	342.	4.27	28.	7.	5.	0.26
+	HYDROGRAPH AT	A11J	84.	4.23	8.	2.	1.	0.08
+	HYDROGRAPH AT	A11N	95.	4.13	6.	2.	1.	0.08
	ROUTED TO	RA11N	87.	4.20	6.	2.	1.	0.08
+	HYDROGRAPH AT	A11O	66.	4.13	4.	1.	1.	0.06

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	ROUTED TO	RA11O	59.	4.27	4.	1.	1.	0.06
+	2 COMBINED AT	CX21	145.	4.23	10.	3.	2.	0.14
+	ROUTED TO	RX21	123.	4.47	10.	3.	2.	0.14
+	HYDROGRAPH AT	A11K	315.	4.20	21.	5.	4.	0.30
+	HYDROGRAPH AT	A11G	92.	4.07	7.	2.	1.	0.07
+	DIVERSION TO	A11GI	0.	4.03	0.	0.	0.	0.07
+	HYDROGRAPH AT	DA11G	91.	4.07	7.	2.	1.	0.07
+	ROUTED TO	RA11GN	86.	4.13	7.	2.	1.	0.07
+	5 COMBINED AT	CA11K	673.	4.23	67.	17.	12.	0.84
+	ROUTED TO	RA11K	631.	4.37	67.	17.	12.	0.84
+	HYDROGRAPH AT	DRA11G	0.	4.03	0.	0.	0.	0.07
+	ROUTED TO	RA11GW	0.	4.20	0.	0.	0.	0.07
	HYDROGRAPH AT	A11I	481.	4.10	28.	7.	5.	0.28
+	4 COMBINED AT	CA11I	881.	4.37	118.	30.	21.	1.37
+	ROUTED TO	RA11I	834.	4.60	118.	30.	21.	1.37
+	HYDROGRAPH AT	A11E	173.	4.37	20.	5.	4.	0.30
+	HYDROGRAPH AT	A11F	323.	4.33	38.	10.	7.	0.47
+	DIVERSION TO	A11FI	1.	4.30	0.	0.	0.	0.47
+	HYDROGRAPH AT	DA11F	322.	4.33	38.	9.	7.	0.47
+	ROUTED TO	RA11FN	315.	4.37	38.	9.	7.	0.47
+	3 COMBINED AT	CA11E	917.	4.57	145.	36.	26.	2.13
+	ROUTED TO	RA11E	901.	4.70	145.	36.	26.	2.13
+	HYDROGRAPH AT	A11H	78.	4.10	4.	1.	1.	0.07
+	ROUTED TO	RA11H	57.	4.53	4.	1.	1.	0.07
	HYDROGRAPH AT	DRA09U	41.	4.13	3.	1.	1.	0.17
	ROUTED TO							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		RA09UW	35.	4.30	3.	1.	1.	0.17
+	HYDROGRAPH AT	A09T	113.	4.33	11.	3.	2.	0.18
+	2 COMBINED AT	CA09T	148.	4.33	14.	4.	3.	0.18
+	DIVERSION TO	A09TI	0.	4.33	0.	0.	0.	0.18
+	HYDROGRAPH AT	DA09T	147.	4.33	14.	4.	3.	0.18
+	ROUTED TO	RA09TW	141.	4.43	14.	4.	3.	0.18
+	HYDROGRAPH AT	DRA11F	1.	4.30	0.	0.	0.	0.47
+	ROUTED TO	RA11FS	0.	4.73	0.	0.	0.	0.47
+	2 COMBINED AT	CX22	141.	4.43	14.	4.	3.	0.18
+	ROUTED TO	RX22	134.	4.53	14.	4.	3.	0.18
+	3 COMBINED AT	CX23	929.	4.70	150.	38.	27.	2.38
+	ROUTED TO	RX23	874.	5.07	150.	38.	27.	2.38
+	HYDROGRAPH AT	A99Z	156.	4.23	16.	4.	3.	0.16
+	ROUTED TO	RA99Z	142.	4.53	16.	4.	3.	0.16
+	HYDROGRAPH AT	A11D	107.	4.23	9.	2.	2.	0.15
+	2 COMBINED AT	CA11D	184.	4.50	25.	6.	4.	0.30
+	ROUTED TO	RA11D	138.	5.33	25.	6.	4.	0.30
+	HYDROGRAPH AT	A11B	56.	4.43	9.	2.	2.	0.15
+	HYDROGRAPH AT	A11A	176.	4.80	39.	10.	7.	0.59
+	4 COMBINED AT	CA11A	847.	5.10	177.	44.	32.	3.43
+	ROUTED TO	RA11A	833.	5.17	176.	44.	32.	3.43
+	HYDROGRAPH AT	A11C	38.	4.67	6.	2.	1.	0.12
+	ROUTED TO	RA11C	33.	5.30	6.	2.	1.	0.12
+	2 COMBINED AT	CA11*	826.	5.17	177.	45.	32.	3.55
+	ROUTED TO	RA11*	809.	5.33	177.	45.	32.	3.55
+	HYDROGRAPH AT	A11	71.	4.57	9.	2.	2.	0.16

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	2 COMBINED AT	CA11	799.	5.33	178.	45.	32.	3.71
+	HYDROGRAPH AT	DRN11O	4.	4.23	0.	0.	0.	0.05
+	ROUTED TO	RN11OW	1.	4.67	0.	0.	0.	0.05
+	HYDROGRAPH AT	DRA09T	0.	4.33	0.	0.	0.	0.18
+	ROUTED TO	RA09TS	0.	4.80	0.	0.	0.	0.18
+	HYDROGRAPH AT	A09R	46.	4.63	8.	2.	2.	0.14
+	3 COMBINED AT	CA09R	47.	4.63	9.	2.	2.	0.32
+	DIVERSION TO	A09RI	0.	4.60	0.	0.	0.	0.32
+	HYDROGRAPH AT	DA09R	47.	4.63	9.	2.	2.	0.32
+	ROUTED TO	RA09RS	43.	5.13	9.	2.	2.	0.32
+	HYDROGRAPH AT	DRN11M	36.	4.43	6.	1.	1.	0.32
+	ROUTED TO	RN11MW	30.	5.07	6.	1.	1.	0.32
	HYDROGRAPH AT	DRN11J	26.	4.23	7.	2.	1.	0.56
+	ROUTED TO	RN11JW	26.	4.93	7.	2.	1.	0.56
+	2 COMBINED AT	CX4	56.	5.07	13.	3.	2.	0.39
+	ROUTED TO	RX4	44.	5.93	13.	3.	2.	0.39
+	HYDROGRAPH AT	A09O	54.	4.77	12.	3.	2.	0.19
+	3 COMBINED AT	CA09O	90.	5.23	27.	7.	5.	0.90
+	DIVERSION TO	A09OI	0.	5.17	0.	0.	0.	0.90
+	HYDROGRAPH AT	DA09O	90.	5.23	27.	7.	5.	0.90
+	ROUTED TO	RA09OS	87.	5.57	27.	7.	5.	0.90
+	HYDROGRAPH AT	DRN11G	0.	5.03	0.	0.	0.	1.08
+	ROUTED TO	RN11GW	0.	5.80	0.	0.	0.	1.08
+	HYDROGRAPH AT	A09K	142.	4.70	25.	6.	5.	0.41
	2 COMBINED AT	CA09K	142.	4.70	25.	6.	5.	0.41
	DIVERSION TO							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		A09KI	114.	4.70	20.	5.	4.	0.41
+	HYDROGRAPH AT	DA09K	28.	4.70	5.	1.	1.	0.41
+	ROUTED TO	RA09KW	27.	5.07	5.	1.	1.	0.41
+	2 COMBINED AT	CX7	86.	5.60	27.	7.	5.	1.31
+	DIVERSION TO	X7I	0.	5.57	0.	0.	0.	1.31
+	HYDROGRAPH AT	DX7	83.	5.63	26.	7.	5.	1.31
+	ROUTED TO	RX7S	79.	5.83	26.	7.	5.	1.31
+	DIVERSION TO	AX25I	21.	5.67	7.	2.	1.	1.31
+	HYDROGRAPH AT	DX25	58.	5.87	20.	5.	4.	1.31
+	ROUTED TO	RX25E	56.	5.93	19.	5.	4.	1.31
+	HYDROGRAPH AT	DRX25	21.	5.67	7.	2.	1.	1.31
+	ROUTED TO	RX25W	19.	6.27	7.	2.	1.	1.31
+	HYDROGRAPH AT	DRA09K	114.	4.70	20.	5.	4.	0.41
+	ROUTED TO	RA09KS	108.	5.03	20.	5.	4.	0.41
+	HYDROGRAPH AT	A09G	120.	4.47	13.	3.	2.	0.22
+	DIVERSION TO	A09GI	72.	4.47	8.	2.	1.	0.22
+	HYDROGRAPH AT	DA09G	48.	4.47	5.	1.	1.	0.22
+	2 COMBINED AT	CA09G	109.	5.03	23.	6.	4.	0.63
+	ROUTED TO	RA09GW	99.	5.37	23.	6.	4.	0.63
+	HYDROGRAPH AT	A09J	68.	4.53	10.	3.	2.	0.17
+	HYDROGRAPH AT	DRX7	0.	5.57	0.	0.	0.	1.31
+	ROUTED TO	RX7W	0.	6.70	0.	0.	0.	1.31
+	2 COMBINED AT	CA09J	68.	4.53	10.	3.	2.	0.17
+	DIVERSION TO	A09JI	0.	4.53	0.	0.	0.	0.17
+	HYDROGRAPH AT	DA09J	68.	4.53	10.	3.	2.	0.17
+	ROUTED TO	RA09JS	62.	4.97	10.	3.	2.	0.17

OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
HYDROGRAPH AT	A09H	63.	5.13	16.	4.	3.	0.25
+ 5 COMBINED AT	CA09H	105.	5.77	41.	10.	7.	2.35
+ ROUTED TO	RA09H	103.	6.43	40.	10.	7.	2.35
+ HYDROGRAPH AT	DRA09G	72.	4.47	8.	2.	1.	0.22
+ ROUTED TO	RA09GS	47.	5.10	8.	2.	1.	0.22
+ HYDROGRAPH AT	A09F	216.	4.33	39.	10.	7.	0.37
+ DIVERSION TO	LA09FD	216.	4.33	30.	8.	5.	0.37
+ HYDROGRAPH AT	LA09F	92.	5.03	9.	2.	2.	0.37
+ 3 COMBINED AT	CA09F	106.	6.33	40.	10.	7.	2.72
+ DIVERSION TO	A09FI	1.	6.33	0.	0.	0.	2.72
+ HYDROGRAPH AT	DA09F	102.	6.37	39.	10.	7.	2.72
+ ROUTED TO	RA09FW	102.	6.60	39.	10.	7.	2.72
HYDROGRAPH AT	A09I	139.	4.23	19.	5.	3.	0.17
+ DIVERSION TO	LA09ID	139.	4.23	19.	5.	3.	0.17
+ HYDROGRAPH AT	LA09I	0.	0.03	0.	0.	0.	0.17
+ DIVERSION TO	A09II	0.	0.03	0.	0.	0.	0.17
+ HYDROGRAPH AT	DA09I	0.	0.03	0.	0.	0.	0.17
+ ROUTED TO	RA09IS	0.	0.03	0.	0.	0.	0.17
+ HYDROGRAPH AT	A09E	61.	4.50	17.	4.	3.	0.15
+ DIVERSION TO	LA09ED	61.	4.50	17.	4.	3.	0.15
+ HYDROGRAPH AT	LA09E	0.	10.57	0.	0.	0.	0.15
+ 3 COMBINED AT	CA09E	103.	6.60	39.	10.	7.	2.87
+ ROUTED TO	RA09E	98.	6.77	38.	10.	7.	2.87
+ HYDROGRAPH AT	A09S	49.	4.30	5.	1.	1.	0.07
HYDROGRAPH AT	DRA09R	0.	4.60	0.	0.	0.	0.32
ROUTED TO							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		RA09RW	0.	8.93	0.	0.	0.	0.32
+	2 COMBINED AT	CA09S	49.	4.30	5.	1.	1.	0.07
+	DIVERSION TO	A09SI	0.	4.30	0.	0.	0.	0.07
+	HYDROGRAPH AT	DA09S	49.	4.30	5.	1.	1.	0.07
+	ROUTED TO	RA09SS	40.	4.80	5.	1.	1.	0.07
+	HYDROGRAPH AT	A09Q	97.	4.53	14.	4.	3.	0.22
+	HYDROGRAPH AT	A09P	51.	4.73	12.	3.	2.	0.18
+	HYDROGRAPH AT	DRA09O	0.	5.17	0.	0.	0.	0.90
+	ROUTED TO	RA09OW	0.	5.97	0.	0.	0.	0.90
+	2 COMBINED AT	CA09P	51.	4.73	12.	3.	2.	0.18
+	ROUTED TO	RA09P	51.	4.83	12.	3.	2.	0.18
+	3 COMBINED AT	CA09Q	162.	4.73	30.	8.	5.	0.47
+	DIVERSION TO	A09QI	1.	4.70	0.	0.	0.	0.47
+	HYDROGRAPH AT	DA09Q	162.	4.73	30.	8.	5.	0.47
+	ROUTED TO	RA09QS	156.	4.90	30.	8.	5.	0.47
+	HYDROGRAPH AT	A09M	200.	4.17	19.	5.	3.	0.25
+	DIVERSION TO	LA09MD	200.	4.17	17.	4.	3.	0.25
+	HYDROGRAPH AT	LA09M	49.	4.67	3.	1.	0.	0.25
+	2 COMBINED AT	CA09M	161.	4.87	30.	8.	5.	0.71
+	ROUTED TO	RA09M	150.	4.93	29.	7.	5.	0.71
+	HYDROGRAPH AT	A09N	49.	4.73	10.	3.	2.	0.11
+	DIVERSION TO	LA09ND	49.	4.73	10.	3.	2.	0.11
+	HYDROGRAPH AT	LA09N	0.	0.03	0.	0.	0.	0.11
+	2 COMBINED AT	CA09N	150.	4.93	29.	7.	5.	0.82
+	ROUTED TO	RA09N	132.	5.30	27.	7.	5.	0.82
+	HYDROGRAPH AT	DRA09J	0.	4.53	0.	0.	0.	0.17

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	ROUTED TO	RA09JW	0.	4.77	0.	0.	0.	0.17
+	HYDROGRAPH AT	A09L	68.	4.33	14.	4.	3.	0.14
+	DIVERSION TO	LA09LD	68.	4.33	14.	4.	3.	0.14
+	HYDROGRAPH AT	LA09L	0.	0.03	0.	0.	0.	0.14
+	3 COMBINED AT	CA09L	131.	5.30	27.	7.	5.	1.13
+	DIVERSION TO	A09LI	0.	5.33	0.	0.	0.	1.13
+	HYDROGRAPH AT	DA09L	112.	5.33	23.	6.	4.	1.13
+	ROUTED TO	RA09LS	107.	5.73	23.	6.	4.	1.13
+	HYDROGRAPH AT	DRA09I	0.	0.03	0.	0.	0.	0.17
+	ROUTED TO	RA09IW	0.	0.03	0.	0.	0.	0.17
+	2 COMBINED AT	CX10	107.	5.73	23.	6.	4.	1.34
+	DIVERSION TO	X10I	9.	5.73	3.	1.	0.	1.34
	HYDROGRAPH AT	DX10	88.	5.70	19.	5.	3.	1.34
+	HYDROGRAPH AT	A09D	383.	4.10	34.	9.	6.	0.25
+	DIVERSION TO	LA09DD	383.	4.10	33.	8.	6.	0.25
+	HYDROGRAPH AT	LA09D	17.	4.77	2.	0.	0.	0.25
+	2 COMBINED AT	CA09D	88.	5.70	19.	5.	3.	1.59
+	HYDROGRAPH AT	DRX10	9.	5.73	3.	1.	0.	1.34
+	ROUTED TO	RX10W	9.	5.83	3.	1.	0.	1.34
+	DIVERSION TO	X11I	0.	5.77	0.	0.	0.	1.34
+	HYDROGRAPH AT	DX11	9.	5.83	2.	1.	0.	1.34
+	ROUTED TO	RX11S	7.	6.13	2.	1.	0.	1.34
+	3 COMBINED AT	CA09C*	94.	6.70	42.	11.	8.	4.46
+	ROUTED TO	RA09C*	93.	6.73	41.	11.	8.	4.46
	HYDROGRAPH AT	A09C	38.	4.37	5.	1.	1.	0.07
	2 COMBINED AT							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		CA09C	92.	6.73	41.	11.	8.	4.53
+	ROUTED TO	RA09C	92.	6.83	41.	11.	8.	4.53
+	HYDROGRAPH AT	A09B	73.	4.03	6.	2.	1.	0.04
+	ROUTED TO	RA09B	26.	4.20	6.	2.	1.	0.04
+	HYDROGRAPH AT	A09A	28.	4.50	8.	2.	1.	0.08
+	3 COMBINED AT	CA09A	94.	6.83	47.	13.	10.	4.66
+	DIVERSION TO	A09AI	0.	6.77	0.	0.	0.	4.66
+	HYDROGRAPH AT	DA09AO	94.	6.83	47.	13.	10.	4.66
+	ROUTED TO	RA09AW	81.	8.07	45.	13.	10.	4.66
+	HYDROGRAPH AT	A99T	23.	4.13	1.	0.	0.	0.03
+	DIVERSION TO	LA99TD	23.	4.13	1.	0.	0.	0.03
+	HYDROGRAPH AT	LA99T	0.	0.03	0.	0.	0.	0.03
	ROUTED TO	RA99T	0.	0.03	0.	0.	0.	0.03
+	HYDROGRAPH AT	A09	99.	4.43	10.	2.	2.	0.18
+	3 COMBINED AT	CA09	81.	8.07	45.	14.	10.	4.86
+	HYDROGRAPH AT	DRA09F	1.	6.33	0.	0.	0.	2.72
+	ROUTED TO	RA09FS	1.	6.40	0.	0.	0.	2.72
+	HYDROGRAPH AT	S30D	126.	4.23	18.	5.	3.	0.13
+	2 COMBINED AT	CS30D	85.	4.27	17.	4.	3.	2.85
+	ROUTED TO	RS30D	82.	4.70	17.	4.	3.	2.85
+	HYDROGRAPH AT	S30B	137.	4.63	45.	12.	9.	0.40
+	HYDROGRAPH AT	S30C	264.	4.47	68.	17.	13.	0.46
+	3 COMBINED AT	CS30B	383.	4.67	114.	30.	21.	3.70
+	DIVERSION TO	DS30BI	0.	4.67	0.	0.	0.	3.70
	HYDROGRAPH AT	DS30BO	383.	4.67	113.	29.	21.	3.70
+	ROUTED TO	RS30BW	376.	5.03	113.	29.	21.	3.70

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	HYDROGRAPH AT	S30A	243.	4.53	64.	16.	12.	0.53
+	2 COMBINED AT	CS30A	524.	4.93	164.	43.	31.	4.23
+	DIVERSION TO	DS30AI	3.	4.93	0.	0.	0.	4.23
+	HYDROGRAPH AT	DS30AO	521.	4.97	164.	43.	31.	4.23
+	ROUTED TO	RS30AW	520.	5.07	164.	43.	31.	4.23
+	HYDROGRAPH AT	S30	155.	4.37	34.	9.	6.	0.32
+	2 COMBINED AT	CS30	574.	5.00	186.	48.	35.	4.56
+	ROUTED TO	RS30	574.	5.03	186.	48.	35.	4.56
+	HYDROGRAPH AT	A07G	352.	4.13	35.	9.	6.	0.26
+	DIVERSION TO	LA07GD	352.	4.13	30.	8.	5.	0.26
+	HYDROGRAPH AT	LA07G	97.	4.53	5.	1.	1.	0.26
+	ROUTED TO	RA07G	51.	5.00	5.	1.	1.	0.26
	HYDROGRAPH AT	A07F	88.	4.53	27.	7.	5.	0.23
+	ROUTED TO	RA07F	88.	4.67	27.	7.	5.	0.23
+	HYDROGRAPH AT	A07E	264.	4.17	36.	9.	7.	0.23
+	3 COMBINED AT	CA07E	269.	4.20	64.	17.	12.	0.72
+	ROUTED TO	RA07E	267.	4.30	64.	17.	12.	0.72
+	HYDROGRAPH AT	A07C	93.	4.47	12.	3.	2.	0.17
+	2 COMBINED AT	CA07C	322.	4.43	72.	19.	13.	0.89
+	ROUTED TO	RA07C	320.	4.47	72.	19.	13.	0.89
+	HYDROGRAPH AT	A07H	131.	4.07	10.	2.	2.	0.09
+	ROUTED TO	RA07H	117.	4.30	10.	2.	2.	0.09
+	HYDROGRAPH AT	DA09A	0.	6.77	0.	0.	0.	4.66
+	ROUTED TO	RA09AS	0.	7.50	0.	0.	0.	4.66
	HYDROGRAPH AT	A08B	50.	4.30	8.	2.	1.	0.10
	2 COMBINED AT							

OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+	CA08B	18.	4.33	4.	1.	1.	4.75
ROUTED TO +	RA08B	16.	5.00	4.	1.	1.	4.75
HYDROGRAPH AT +	A07D	50.	4.77	18.	5.	3.	0.23
4 COMBINED AT +	CA07D	320.	4.47	85.	22.	16.	5.97
ROUTED TO +	RA07D	268.	4.70	75.	20.	14.	5.97
HYDROGRAPH AT +	A07B	327.	4.33	61.	15.	11.	0.65
DIVERSION TO +	LA07BD	327.	4.33	39.	10.	7.	0.65
HYDROGRAPH AT +	LA07B	208.	4.73	22.	6.	4.	0.65
3 COMBINED AT +	CA07B	705.	4.97	238.	62.	45.	11.17
ROUTED TO +	RA07B	696.	5.03	238.	62.	45.	11.17
HYDROGRAPH AT +	A06A	207.	4.20	27.	7.	5.	0.28
2 COMBINED AT +	CA06A	719.	5.03	252.	66.	48.	11.45
HYDROGRAPH AT +	A07A	34.	4.57	10.	3.	2.	0.12
ROUTED TO +	RA07A	34.	4.63	10.	3.	2.	0.12
HYDROGRAPH AT +	A07	127.	4.10	6.	2.	1.	0.12
2 COMBINED AT +	CA07	132.	4.10	16.	4.	3.	0.24
ROUTED TO +	RA07	79.	4.60	16.	4.	3.	0.24
HYDROGRAPH AT +	A06	175.	4.37	13.	3.	2.	0.28
3 COMBINED AT +	CA06	726.	5.03	256.	67.	49.	11.97
ROUTED TO +	RA06	723.	5.20	256.	67.	49.	11.97
HYDROGRAPH AT +	A99Q	159.	4.00	6.	1.	1.	0.12
2 COMBINED AT +	CA99Q	722.	5.20	256.	67.	49.	12.09
3 COMBINED AT +	DUMMY1	1046.	5.50	364.	99.	71.	20.66
DIVERSION TO +	DUMMYO	1046.	5.50	364.	99.	71.	20.66
HYDROGRAPH AT	DUMMY	0.	0.03	0.	0.	0.	20.66
ROUTED TO +	EMPTY	0.	0.03	0.	0.	0.	20.66

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	HYDROGRAPH AT	S10V	125.	4.30	25.	6.	5.	0.20
+	ROUTED TO	RS10V	122.	4.73	25.	6.	5.	0.20
+	HYDROGRAPH AT	S10U	48.	4.37	11.	3.	2.	0.11
+	2 COMBINED AT	CS10U	160.	4.73	36.	9.	7.	0.30
+	ROUTED TO	RS10U	152.	4.93	36.	9.	7.	0.30
+	HYDROGRAPH AT	S10T	190.	4.37	43.	11.	8.	0.34
+	2 COMBINED AT	CS10T	266.	4.87	76.	19.	14.	0.64
+	ROUTED TO	RS10T	264.	4.97	76.	19.	14.	0.64
+	HYDROGRAPH AT	DS30BX	0.	4.67	0.	0.	0.	3.70
+	ROUTED TO	RS30BS	0.	5.03	0.	0.	0.	3.70
+	HYDROGRAPH AT	S10S	479.	4.30	80.	20.	15.	0.49
+	3 COMBINED AT	CS10S	458.	4.43	132.	34.	25.	4.84
	ROUTED TO	RS10S	456.	4.50	132.	34.	25.	4.84
+	HYDROGRAPH AT	S10Q	169.	4.37	40.	10.	7.	0.25
+	2 COMBINED AT	CS10Q	576.	4.50	166.	43.	31.	5.10
+	ROUTED TO	RS10Q	574.	4.57	166.	43.	31.	5.10
+	HYDROGRAPH AT	DRS10R	9.	4.37	2.	1.	0.	0.03
+	ROUTED TO	RS10RW	9.	5.00	2.	1.	0.	0.03
+	HYDROGRAPH AT	S10O	433.	4.43	95.	24.	17.	0.79
+	3 COMBINED AT	CS10O	864.	4.57	244.	63.	45.	5.89
+	HYDROGRAPH AT	S10J	72.	4.17	9.	2.	2.	0.08
+	DIVERSION TO	S10JI	42.	4.17	5.	1.	1.	0.08
+	HYDROGRAPH AT	DS10JO	30.	4.17	4.	1.	1.	0.08
+	ROUTED TO	RS10JW	30.	4.20	4.	1.	1.	0.08
	2 COMBINED AT	CS10KN	874.	4.57	247.	64.	46.	5.97
	ROUTED TO							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		RS10KN	871.	4.60	247.	64.	46.	5.97
+	HYDROGRAPH AT	S10JX	42.	4.17	5.	1.	1.	0.08
+	ROUTED TO	RS10JS	41.	4.30	5.	1.	1.	0.08
+	HYDROGRAPH AT	S10I	85.	4.27	16.	4.	3.	0.13
+	2 COMBINED AT	CS10I	126.	4.27	21.	5.	4.	0.13
+	DIVERSION TO	S10II	74.	4.27	12.	3.	2.	0.13
+	HYDROGRAPH AT	DS10IO	52.	4.27	9.	2.	2.	0.13
+	ROUTED TO	RS10IW	51.	4.33	9.	2.	2.	0.13
+	2 COMBINED AT	CS10KM	894.	4.60	254.	65.	47.	6.11
+	ROUTED TO	RS10KM	886.	4.67	254.	65.	47.	6.11
+	HYDROGRAPH AT	S10IX	74.	4.27	12.	3.	2.	0.13
+	ROUTED TO	RS10IS	72.	4.43	12.	3.	2.	0.13
	HYDROGRAPH AT	S10N	87.	4.30	18.	4.	3.	0.14
+	2 COMBINED AT	CS10N	156.	4.40	30.	7.	5.	0.35
+	DIVERSION TO	S10NI	78.	4.40	15.	4.	3.	0.35
+	HYDROGRAPH AT	DS10NO	78.	4.40	15.	4.	3.	0.35
+	ROUTED TO	RS10NW	78.	4.43	15.	4.	3.	0.35
+	HYDROGRAPH AT	S10K	220.	4.37	49.	13.	9.	0.34
+	3 COMBINED AT	CS10K	1064.	4.63	305.	79.	57.	6.58
+	ROUTED TO	RS10K	1053.	4.73	305.	79.	57.	6.58
+	HYDROGRAPH AT	S10NX	78.	4.40	15.	4.	3.	0.35
+	ROUTED TO	RS10NS	73.	4.70	15.	4.	3.	0.35
+	HYDROGRAPH AT	S10G	263.	4.23	37.	9.	7.	0.28
+	3 COMBINED AT	CS10G	1184.	4.70	344.	89.	64.	6.86
	ROUTED TO	RS10G	1177.	4.77	344.	89.	64.	6.86
+	DIVERSION TO	X40I	441.	4.77	154.	40.	29.	6.86

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	HYDROGRAPH AT	DX40	737.	4.77	190.	48.	35.	6.86
+	ROUTED TO	RX40S	732.	4.87	190.	48.	35.	6.86
+	HYDROGRAPH AT	S10D	230.	4.50	63.	16.	12.	0.46
+	2 COMBINED AT	CS10D	872.	4.83	240.	62.	44.	7.32
+	HYDROGRAPH AT	DS30X	3.	4.93	0.	0.	0.	4.23
+	ROUTED TO	RS30AS	1.	5.80	0.	0.	0.	4.23
+	HYDROGRAPH AT	S10P	181.	4.40	43.	11.	8.	0.33
+	2 COMBINED AT	CS10P	120.	4.53	35.	9.	6.	4.56
+	ROUTED TO	RS10P	112.	5.43	35.	9.	6.	4.56
+	HYDROGRAPH AT	S10E	181.	4.83	76.	20.	15.	0.63
+	2 COMBINED AT	CS10E	237.	5.37	96.	26.	19.	5.19
+	ROUTED TO	RS10E	235.	5.50	96.	26.	19.	5.19
	HYDROGRAPH AT	S10M	348.	4.23	55.	14.	10.	0.35
+	ROUTED TO	RS10M	327.	4.53	55.	14.	10.	0.35
+	2 COMBINED AT	CS10E*	344.	4.73	141.	38.	27.	5.54
+	ROUTED TO	RS10E*	343.	4.80	141.	38.	27.	5.54
+	HYDROGRAPH AT	S10F	131.	4.57	40.	10.	7.	0.33
+	ROUTED TO	RS10F	129.	4.90	40.	10.	7.	0.33
+	2 COMBINED AT	CS10F*	420.	4.87	171.	46.	33.	5.88
+	ROUTED TO	RS10F*	417.	5.00	171.	46.	33.	5.88
+	HYDROGRAPH AT	S10C	152.	4.77	62.	17.	12.	0.37
+	3 COMBINED AT	CS10C	1249.	4.90	427.	114.	82.	13.57
+	ROUTED TO	RS10C	1248.	4.97	427.	114.	82.	13.57
+	HYDROGRAPH AT	DRX40	441.	4.77	154.	40.	29.	6.86
	ROUTED TO	RX40E	440.	4.83	154.	40.	29.	6.86
	HYDROGRAPH AT							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		S10B	88.	4.37	20.	5.	4.	0.14
+	2 COMBINED AT	CS10B	612.	4.77	192.	50.	36.	0.14
+	ROUTED TO	RS10B	612.	4.83	192.	50.	36.	0.14
+	HYDROGRAPH AT	S10A	18.	4.47	6.	1.	1.	0.05
+	HYDROGRAPH AT	S10	66.	4.37	16.	4.	3.	0.11
+	4 COMBINED AT	CS10	1743.	4.93	605.	162.	116.	13.87
+	ROUTED TO	RS10	1743.	4.93	605.	162.	116.	13.87
+	HYDROGRAPH AT	N06	398.	4.33	74.	19.	14.	0.59
+	4 COMBINED AT	CN06	2247.	5.57	1532.	670.	537.	52.61
+	ROUTED TO	RN06	2235.	5.67	1530.	670.	536.	52.61
+	HYDROGRAPH AT	N05C	134.	4.43	31.	8.	6.	0.28
+	2 COMBINED AT	CN05C	2254.	5.67	1540.	673.	539.	52.89
	ROUTED TO	RN05C	2249.	5.77	1539.	673.	537.	52.89
+	HYDROGRAPH AT	N05B	84.	4.83	37.	10.	7.	0.31
+	DIVERSION TO	DN05BI	76.	4.83	33.	9.	6.	0.31
+	HYDROGRAPH AT	DN05B	8.	4.83	4.	1.	1.	0.31
+	ROUTED TO	RN05BE	8.	5.00	4.	1.	1.	0.31
+	HYDROGRAPH AT	N05A	145.	4.23	23.	6.	4.	0.17
+	HYDROGRAPH AT	N05	180.	4.37	43.	11.	8.	0.28
+	4 COMBINED AT	CN05	2287.	5.73	1560.	682.	545.	53.65
+	ROUTED TO	RN05	2281.	5.87	1559.	682.	543.	53.65
+	HYDROGRAPH AT	DN05BX	76.	4.83	33.	9.	6.	0.31
+	ROUTED TO	RN05BS	75.	5.13	33.	9.	6.	0.31
+	HYDROGRAPH AT	N04A	45.	4.27	10.	2.	2.	0.07
	3 COMBINED AT	CN04A	2318.	5.87	1578.	688.	548.	53.72
+	ROUTED TO	RN04A	2310.	6.03	1577.	688.	546.	53.72

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	HYDROGRAPH AT	N04	454.	4.43	108.	27.	20.	0.83
+	DIVERSION TO	LN04D	426.	4.33	31.	8.	6.	0.83
+	HYDROGRAPH AT	LN04	454.	4.43	79.	20.	14.	0.83
+	2 COMBINED AT	CN04	2362.	6.00	1602.	697.	552.	54.54
+	ROUTED TO	RN04	2359.	6.03	1602.	697.	552.	54.54
+	HYDROGRAPH AT	S01G	214.	4.33	42.	11.	8.	0.28
+	ROUTED TO	RS01G	199.	4.90	42.	11.	8.	0.28
+	HYDROGRAPH AT	S01D	211.	4.70	72.	19.	14.	0.63
+	2 COMBINED AT	CS01D	378.	4.87	109.	28.	20.	0.91
+	ROUTED TO	RS01D	373.	5.10	109.	28.	20.	0.91
+	HYDROGRAPH AT	S01H	121.	4.57	36.	9.	7.	0.32
+	ROUTED TO	RS01H	120.	4.77	36.	9.	7.	0.32
	HYDROGRAPH AT	S01E	130.	4.33	26.	6.	5.	0.23
+	2 COMBINED AT	CS01E	219.	4.63	60.	16.	11.	0.55
+	ROUTED TO	RS01E	216.	4.80	60.	16.	11.	0.55
+	HYDROGRAPH AT	S01C	208.	4.43	50.	13.	9.	0.40
+	3 COMBINED AT	CS01C	613.	5.00	198.	51.	37.	1.87
+	ROUTED TO	RS01C	612.	5.07	198.	51.	37.	1.87
+	HYDROGRAPH AT	S01I	137.	4.33	30.	8.	5.	0.23
+	ROUTED TO	RS01I	135.	4.53	30.	8.	5.	0.23
+	HYDROGRAPH AT	S01F	65.	4.40	15.	4.	3.	0.15
+	2 COMBINED AT	CS01F	198.	4.50	45.	11.	8.	0.38
+	ROUTED TO	RS01F	193.	4.77	45.	11.	8.	0.38
+	HYDROGRAPH AT	S01B	193.	4.37	40.	10.	7.	0.31
	3 COMBINED AT	CS01B	796.	4.97	260.	68.	49.	2.56
	ROUTED TO							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
		RS01B	794.	5.03	260.	68.	49.	2.56
+	HYDROGRAPH AT	S01A	124.	4.57	37.	9.	7.	0.35
+	2 COMBINED AT	CS01A	850.	5.03	284.	74.	53.	2.91
+	ROUTED TO	RS01A	849.	5.07	284.	74.	53.	2.91
+	HYDROGRAPH AT	S01	85.	4.67	30.	8.	6.	0.26
+	2 COMBINED AT	CS01	895.	5.07	305.	80.	57.	3.16
+	ROUTED TO	RS01	894.	5.07	305.	80.	57.	3.16
+	2 COMBINED AT	CN03*	2668.	6.00	1749.	742.	587.	57.71
+	ROUTED TO	RN03*	2653.	6.20	1747.	742.	582.	57.71
+	HYDROGRAPH AT	N03A	130.	4.67	43.	11.	8.	0.39
+	ROUTED TO	RN03A	130.	4.70	43.	11.	8.	0.39
+	HYDROGRAPH AT	N03B	279.	4.67	77.	19.	14.	0.63
	ROUTED TO	RN03B	279.	4.67	77.	19.	14.	0.63
+	HYDROGRAPH AT	N03	184.	4.70	61.	16.	11.	0.60
+	4 COMBINED AT	CN03	2753.	6.17	1802.	762.	598.	59.33
+	ROUTED TO	RN03	2752.	6.23	1801.	762.	597.	59.33
+	HYDROGRAPH AT	N02B	64.	4.43	15.	4.	3.	0.15
+	DIVERSION TO	LN02BD	64.	4.43	7.	2.	1.	0.15
+	HYDROGRAPH AT	LN02B	55.	4.77	8.	2.	1.	0.15
+	2 COMBINED AT	CN02B	2753.	6.23	1802.	762.	597.	59.48
+	ROUTED TO	RN02B	2750.	6.33	1800.	762.	595.	59.48
+	HYDROGRAPH AT	N02	356.	4.77	73.	19.	13.	0.76
+	HYDROGRAPH AT	N02A	149.	4.30	18.	4.	3.	0.18
+	3 COMBINED AT	CN02	2767.	6.33	1810.	769.	601.	60.42
	HYDROGRAPH AT	S20A	118.	4.33	26.	7.	5.	0.16
+	ROUTED TO	RS20A	117.	4.40	26.	7.	5.	0.16

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	HYDROGRAPH AT	S20	111.	4.27	22.	6.	4.	0.14
+	2 COMBINED AT	CS20	225.	4.37	48.	12.	9.	0.30
+	ROUTED TO	RS20	224.	4.40	48.	12.	9.	0.30
+	HYDROGRAPH AT	A05A	122.	4.23	21.	5.	4.	0.14
+	ROUTED TO	RA05A	113.	4.73	21.	5.	4.	0.14
+	HYDROGRAPH AT	A99N	160.	4.20	23.	6.	4.	0.16
+	3 COMBINED AT	CA99N	397.	4.43	91.	23.	17.	0.60
+	HYDROGRAPH AT	DRA09S	0.	4.30	0.	0.	0.	0.07
+	ROUTED TO	RA09SW	0.	4.97	0.	0.	0.	0.07
+	HYDROGRAPH AT	A99Y	110.	4.67	19.	5.	3.	0.32
+	2 COMBINED AT	CA99Y	110.	4.67	19.	5.	3.	0.32
+	HYDROGRAPH AT	A99X	345.	4.10	32.	8.	6.	0.26
	HYDROGRAPH AT	DRA09Q	1.	4.70	0.	0.	0.	0.47
+	ROUTED TO	RA09QW	0.	5.27	0.	0.	0.	0.47
+	HYDROGRAPH AT	A10A	160.	4.30	14.	4.	3.	0.19
+	2 COMBINED AT	CA10A	146.	4.30	13.	3.	2.	0.65
+	ROUTED TO	RA10A	132.	4.50	13.	3.	2.	0.65
+	HYDROGRAPH AT	A10	219.	4.20	14.	4.	3.	0.21
+	2 COMBINED AT	CA10	208.	4.27	24.	6.	4.	0.87
+	5 COMBINED AT	DUMMY2	2783.	6.30	1826.	783.	614.	62.47
+	HYDROGRAPH AT	DRX11I	0.	5.77	0.	0.	0.	1.34
+	ROUTED TO	RX11W	0.	6.33	0.	0.	0.	1.34
+	HYDROGRAPH AT	A99V	134.	4.37	15.	4.	3.	0.21
+	2 COMBINED AT	CA99V	134.	4.37	15.	4.	3.	0.21
	HYDROGRAPH AT	DRA09L	0.	5.33	0.	0.	0.	1.13
	ROUTED TO							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		RA09LW	0.	5.77	0.	0.	0.	1.13
+	HYDROGRAPH AT	A99W	109.	4.40	22.	5.	4.	0.22
+	DIVERSION TO	LA99WD	109.	4.40	14.	4.	3.	0.22
+	HYDROGRAPH AT	LA99W	67.	4.97	8.	2.	1.	0.22
+	2 COMBINED AT	CA99W	67.	4.97	8.	2.	1.	0.22
+	HYDROGRAPH AT	A99U	26.	4.40	4.	1.	1.	0.07
+	HYDROGRAPH AT	A99S	15.	4.80	4.	1.	1.	0.08
+	HYDROGRAPH AT	A08A	27.	4.73	10.	3.	2.	0.14
+	ROUTED TO	RA08A	27.	4.97	10.	3.	2.	0.14
+	HYDROGRAPH AT	A99R	33.	4.10	3.	1.	0.	0.04
+	ROUTED TO	RA99R	27.	4.43	3.	1.	0.	0.04
+	HYDROGRAPH AT	A08	92.	4.03	5.	1.	1.	0.08
+	3 COMBINED AT	CA08	95.	4.03	18.	5.	3.	0.25
+	6 COMBINED AT	DUMMY3	2780.	6.30	1826.	784.	614.	63.29
+	HYDROGRAPH AT	A99P	375.	4.30	64.	16.	12.	0.57
+	HYDROGRAPH AT	A05	170.	4.07	12.	3.	2.	0.13
+	HYDROGRAPH AT	A99O	147.	4.07	11.	3.	2.	0.10
+	HYDROGRAPH AT	A99M	110.	4.03	10.	2.	2.	0.06
+	HYDROGRAPH AT	A99L	138.	4.00	10.	3.	2.	0.08
+	6 COMBINED AT	DUMMY4	2787.	6.10	1837.	793.	623.	64.24
+	HYDROGRAPH AT	A99K	111.	4.13	14.	4.	3.	0.11
+	HYDROGRAPH AT	A99J	109.	4.20	19.	5.	3.	0.14
+	HYDROGRAPH AT	A99I	139.	4.17	17.	4.	3.	0.14
+	HYDROGRAPH AT	A04A	176.	4.23	28.	7.	5.	0.22
	ROUTED TO	RA04A	170.	4.37	28.	7.	5.	0.22
+	HYDROGRAPH AT	A04	31.	4.37	4.	1.	1.	0.08

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	2 COMBINED AT	CA04	201.	4.37	32.	8.	6.	0.30
+	ROUTED TO	RA04	190.	4.70	32.	8.	6.	0.30
+	HYDROGRAPH AT	A03D	17.	5.07	5.	1.	1.	0.13
+	2 COMBINED AT	CA03D	198.	4.70	36.	9.	7.	0.43
+	ROUTED TO	RA03D	189.	5.00	36.	9.	7.	0.43
+	HYDROGRAPH AT	A03E	80.	4.27	16.	4.	3.	0.15
+	ROUTED TO	RA03E	78.	4.43	15.	4.	3.	0.15
+	HYDROGRAPH AT	A03B	50.	4.20	4.	1.	1.	0.07
+	2 COMBINED AT	CA03B	108.	4.33	20.	5.	4.	0.23
+	ROUTED TO	RA03B	100.	4.87	20.	5.	4.	0.23
+	HYDROGRAPH AT	A03A	72.	4.37	8.	2.	1.	0.14
+	2 COMBINED AT	CA03A	125.	4.83	28.	7.	5.	0.37
	ROUTED TO	RA03A	122.	5.00	28.	7.	5.	0.37
+	HYDROGRAPH AT	A03	41.	5.13	12.	3.	2.	0.28
+	3 COMBINED AT	CA03	258.	5.03	60.	15.	11.	1.07
+	5 COMBINED AT	DUMMY5	2830.	6.07	1862.	803.	632.	65.69
+	HYDROGRAPH AT	A99G	29.	4.00	1.	0.	0.	0.02
+	DIVERSION TO	LA99GD	29.	4.00	1.	0.	0.	0.02
+	HYDROGRAPH AT	LA99G	0.	0.03	0.	0.	0.	0.02
+	HYDROGRAPH AT	A99H	8.	5.17	3.	1.	1.	0.10
+	DIVERSION TO	LA99HD	8.	5.17	3.	1.	1.	0.10
+	HYDROGRAPH AT	LA99H	0.	0.03	0.	0.	0.	0.10
+	ROUTED TO	RA99H	0.	0.03	0.	0.	0.	0.10
+	HYDROGRAPH AT	A02D	57.	4.00	2.	0.	0.	0.06
	DIVERSION TO	LA02DD	57.	4.00	2.	0.	0.	0.06
	HYDROGRAPH AT							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		LA02D	0.	0.03	0.	0.	0.	0.06
+	ROUTED TO	RA02D	0.	0.03	0.	0.	0.	0.06
+	HYDROGRAPH AT	A99F	11.	5.17	4.	1.	1.	0.11
+	3 COMBINED AT	CA99F	11.	5.17	4.	1.	1.	0.28
+	HYDROGRAPH AT	A02	10.	4.20	1.	0.	0.	0.02
+	HYDROGRAPH AT	A01H	92.	4.00	4.	1.	1.	0.07
+	DIVERSION TO	LA01HD	92.	4.00	4.	1.	1.	0.07
+	HYDROGRAPH AT	LA01H	0.	0.03	0.	0.	0.	0.07
+	HYDROGRAPH AT	A99E	39.	4.00	2.	0.	0.	0.02
+	DIVERSION TO	LA99ED	39.	4.00	2.	0.	0.	0.02
+	HYDROGRAPH AT	LA99E	4.	4.07	0.	0.	0.	0.02
+	6 COMBINED AT	DUMMY6	2830.	6.07	1862.	803.	632.	66.10
+	HYDROGRAPH AT	A99B	64.	4.07	3.	1.	1.	0.05
+	HYDROGRAPH AT	A99C	32.	4.00	1.	0.	0.	0.03
+	DIVERSION TO	LA99CD	32.	4.00	1.	0.	0.	0.03
+	HYDROGRAPH AT	LA99C	0.	0.03	0.	0.	0.	0.03
+	HYDROGRAPH AT	A99D	47.	4.00	2.	1.	0.	0.03
+	DIVERSION TO	LA99DD	47.	4.00	2.	0.	0.	0.03
+	HYDROGRAPH AT	LA99D	41.	4.03	0.	0.	0.	0.03
+	HYDROGRAPH AT	A01A	33.	4.23	3.	1.	1.	0.05
+	ROUTED TO	RA01A	27.	4.60	3.	1.	1.	0.05
+	HYDROGRAPH AT	A01	79.	4.50	12.	3.	2.	0.20
+	2 COMBINED AT	CA01	104.	4.53	15.	4.	3.	0.25
+	HYDROGRAPH AT	A99A	184.	4.10	14.	3.	3.	0.13
+	DIVERSION TO	LA99AD	184.	4.10	14.	3.	3.	0.13
+	HYDROGRAPH AT	LA99A	0.	0.03	0.	0.	0.	0.13

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	HYDROGRAPH AT	A99	38.	4.53	6.	2.	1.	0.14
+	7 COMBINED AT	DUMMY7	2828.	6.07	1861.	803.	632.	66.72
+	HYDROGRAPH AT	A01E	112.	4.10	12.	3.	2.	0.08
+	DIVERSION TO	A01EI	67.	4.10	7.	2.	1.	0.08
+	HYDROGRAPH AT	DA01E	45.	4.10	5.	1.	1.	0.08
+	ROUTED TO	RA01ES	25.	5.83	5.	1.	1.	0.08
+	HYDROGRAPH AT	N01A	166.	4.60	25.	6.	5.	0.41
+	ROUTED TO	RN01A	159.	4.83	25.	6.	5.	0.41
+	HYDROGRAPH AT	N01	380.	4.30	74.	19.	13.	0.65
+	3 COMBINED AT	CN01	328.	4.30	89.	23.	16.	1.14
+	HYDROGRAPH AT	A03C	195.	4.30	32.	8.	6.	0.33
+	ROUTED TO	RA03C	187.	4.50	32.	8.	6.	0.33
	HYDROGRAPH AT	A02B	344.	4.10	27.	7.	5.	0.27
+	ROUTED TO	RA02B	328.	4.17	27.	7.	5.	0.27
+	2 COMBINED AT	CA02A*	358.	4.17	56.	14.	10.	0.60
+	ROUTED TO	RA02A*	334.	4.40	56.	14.	10.	0.60
+	HYDROGRAPH AT	A02A	163.	5.10	40.	10.	7.	0.61
+	HYDROGRAPH AT	A01G	333.	4.00	18.	5.	3.	0.19
+	DIVERSION TO	LA01GD	333.	4.00	18.	5.	3.	0.19
+	HYDROGRAPH AT	LA01G	0.	0.03	0.	0.	0.	0.19
+	3 COMBINED AT	CA01G	330.	4.43	89.	23.	16.	1.39
+	ROUTED TO	RA01G	252.	4.93	75.	19.	14.	1.39
+	HYDROGRAPH AT	A02C	169.	4.37	35.	9.	6.	0.33
+	DIVERSION TO	LA02CD	169.	4.37	26.	6.	5.	0.33
	HYDROGRAPH AT	LA02C	85.	5.07	10.	2.	2.	0.33
	ROUTED TO							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		RA02C	58.	5.93	10.	2.	2.	0.33
+	HYDROGRAPH AT	A01F	165.	4.27	30.	7.	5.	0.28
+	DIVERSION TO	LA01FD	165.	4.27	13.	3.	2.	0.28
+	HYDROGRAPH AT	LA01F	149.	4.47	17.	4.	3.	0.28
+	2 COMBINED AT	CA01F	131.	4.47	24.	6.	4.	0.61
+	ROUTED TO	RA01F	109.	4.77	24.	6.	4.	0.61
+	HYDROGRAPH AT	A01D	238.	4.20	24.	6.	4.	0.21
+	DIVERSION TO	LA01DD	238.	4.20	24.	6.	4.	0.21
+	HYDROGRAPH AT	LA01D	0.	0.03	0.	0.	0.	0.21
+	HYDROGRAPH AT	DRA01E	67.	4.10	7.	2.	1.	0.08
+	ROUTED TO	RA01EW	63.	4.20	7.	2.	1.	0.08
+	3 COMBINED AT	CA01D	101.	4.77	28.	7.	5.	0.82
+	ROUTED TO	RA01D	85.	5.20	28.	7.	5.	0.82
+	HYDROGRAPH AT	A01C	225.	4.17	33.	8.	6.	0.22
+	DIVERSION TO	LA01CD	225.	4.17	31.	8.	6.	0.22
+	HYDROGRAPH AT	LA01C	25.	5.13	3.	1.	0.	0.22
+	HYDROGRAPH AT	A01B	131.	4.17	8.	2.	2.	0.15
+	DIVERSION TO	LA01BD	131.	4.17	8.	2.	2.	0.15
+	HYDROGRAPH AT	LA01B	0.	0.03	0.	0.	0.	0.15
+	4 COMBINED AT	CA01B	242.	4.87	81.	21.	15.	2.58

ACDC SUB-AREA MODEL

RUNOFF SUMMARY
FLOW IN CUBIC FEET PER SECOND
TIME IN HOURS, AREA IN SQUARE MILES

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA	MAXIMUM STAGE	TIME OF MAX STAGE
+	HYDROGRAPH AT	R381	273.	4.60	45.	11.	11.	1.61		
+	ROUTED TO	381101	259.	4.85	45.	11.	11.	1.61		
+	HYDROGRAPH AT	C386A	259.	4.50	63.	16.	15.	0.53		
+	DIVERSION TO	C386AR	259.	4.85	34.	9.	8.	0.53		
+	HYDROGRAPH AT	DC386A	214.	4.85	30.	7.	7.	0.53		
+	2 COMBINED AT	C101	473.	4.85	75.	19.	18.	2.14		
+	DIVERSION TO	D101S	55.	4.85	7.	2.	2.	2.14		
+	HYDROGRAPH AT	D101W	418.	4.85	68.	17.	16.	2.14		
+	ROUTED TO	101102	385.	5.05	68.	17.	16.	2.14		
+									0.97	5.05
+	HYDROGRAPH AT	C386B	256.	4.55	72.	18.	18.	0.54		
+	DIVERSION TO	C386BR	256.	4.65	26.	6.	6.	0.54		
+	HYDROGRAPH AT	DC386B	253.	4.65	48.	12.	12.	0.54		
	2 COMBINED AT	C102	584.	5.05	116.	29.	28.	2.68		
+	DIVERSION TO	D102S	324.	5.05	75.	19.	18.	2.68		
+	HYDROGRAPH AT	D102W	260.	5.05	41.	10.	10.	2.68		
+	ROUTED TO	102103	253.	5.25	41.	10.	10.	2.68		
+	HYDROGRAPH AT	C401A	94.	4.30	18.	5.	4.	0.14		
+	DIVERSION TO	C401AR	94.	4.40	8.	2.	2.	0.14		
+	HYDROGRAPH AT	DC401A	91.	4.40	11.	3.	3.	0.14		
+	2 COMBINED AT	C103	278.	5.25	52.	13.	13.	2.82		
+	DIVERSION TO	D103S	33.	5.25	7.	2.	2.	2.82		
+	HYDROGRAPH AT	D103W	245.	5.25	45.	11.	11.	2.82		
+	ROUTED TO	103104	241.	5.40	46.	11.	11.	2.82		
+	HYDROGRAPH AT	C401B	69.	4.20	13.	3.	3.	0.10		
+	DIVERSION TO	C401BR	56.	4.20	4.	1.	1.	0.10		
+	HYDROGRAPH AT	DC401B	69.	4.20	9.	2.	2.	0.10		
+	2 COMBINED AT	C104	252.	5.40	55.	14.	13.	2.92		
+	DIVERSION TO	D104W	105.	5.40	15.	4.	4.	2.92		

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA	MAXIMUM STAGE	TIME OF MAX STAGE
	HYDROGRAPH AT	D104S	147.	5.40	40.	10.	10.	2.92		
	ROUTED TO	104105	139.	5.60	40.	10.	10.	2.92		
+									0.54	5.60
+	HYDROGRAPH AT	C390B	166.	4.25	28.	7.	7.	0.20		
+	DIVERSION TO	C390BR	135.	4.25	8.	2.	2.	0.20		
+	HYDROGRAPH AT	DC390B	166.	4.25	21.	5.	5.	0.20		
+	2 COMBINED AT	C105	179.	4.50	60.	15.	14.	3.12		
+	DIVERSION TO	D105W	7.	4.50	0.	0.	0.	3.12		
+	HYDROGRAPH AT	D105S	172.	4.50	60.	15.	14.	3.12		
+	ROUTED TO	105112	166.	4.65	60.	15.	14.	3.12		
+									0.60	4.65
+	HYDROGRAPH AT	D101S	55.	4.85	7.	2.	2.	0.00		
+	ROUTED TO	101106	45.	5.30	7.	2.	2.	0.00		
+									0.41	5.30
+	HYDROGRAPH AT	D102S	324.	5.05	75.	19.	18.	0.00		
+	ROUTED TO	102106	310.	5.20	75.	19.	18.	0.00		
+									1.02	5.20
+	HYDROGRAPH AT	C387A	287.	4.25	55.	14.	13.	0.35		
+	DIVERSION TO	C387AR	287.	4.70	38.	9.	9.	0.35		
+	HYDROGRAPH AT	DC387A	181.	4.70	18.	4.	4.	0.35		
+	3 COMBINED AT	C106	409.	5.25	100.	25.	24.	0.35		
+	DIVERSION TO	D106S	237.	5.25	68.	17.	16.	0.35		
+	HYDROGRAPH AT	D106W	173.	5.25	32.	8.	8.	0.35		
+	ROUTED TO	106107	169.	5.45	32.	8.	8.	0.35		
+	HYDROGRAPH AT	D103S	33.	5.25	7.	2.	2.	0.00		
+	ROUTED TO	103107	33.	5.60	7.	2.	2.	0.00		
+	HYDROGRAPH AT	C390A	196.	4.40	43.	11.	10.	0.30		
+	DIVERSION TO	C390AR	22.	4.40	3.	1.	1.	0.30		
+	HYDROGRAPH AT	DC390A	196.	4.40	41.	10.	10.	0.30		
+	3 COMBINED AT	C107	238.	5.40	80.	20.	19.	0.65		
	DIVERSION TO	D107S	124.	5.40	41.	10.	10.	0.65		
	HYDROGRAPH AT									

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA	MAXIMUM STAGE	TIME OF MAX STAGE
+		D107W	114.	5.40	38.	10.	9.	0.65		
+	ROUTED TO	107112	111.	5.45	38.	10.	9.	0.65		
+									1.82	5.45
+	HYDROGRAPH AT	R382	1012.	4.90	235.	62.	59.	0.00		
+	DIVERSION TO	D382S	603.	4.90	171.	46.	44.	0.00		
+	HYDROGRAPH AT	D382W	410.	4.90	64.	16.	15.	0.00		
+	ROUTED TO	382108	395.	5.05	64.	16.	15.	0.00		
+	HYDROGRAPH AT	C387B	92.	4.65	28.	7.	7.	0.34		
+	DIVERSION TO	C387BR	2.	4.65	0.	0.	0.	0.34		
+	HYDROGRAPH AT	DC387B	92.	4.65	28.	7.	7.	0.34		
+	2 COMBINED AT	C108	475.	5.05	92.	23.	22.	0.34		
+	DIVERSION TO	D108S	67.	5.05	11.	3.	3.	0.34		
+	HYDROGRAPH AT	D108W	408.	5.05	81.	20.	20.	0.34		
+	ROUTED TO	108109	394.	5.15	81.	20.	20.	0.34		
+									1.14	5.15
	HYDROGRAPH AT	D106S	237.	5.25	68.	17.	16.	0.00		
+	ROUTED TO	106109	229.	5.40	68.	17.	16.	0.00		
+									0.80	5.40
+	HYDROGRAPH AT	C387C	145.	4.40	34.	9.	8.	0.25		
+	DIVERSION TO	C387CR	23.	4.40	3.	1.	1.	0.25		
+	HYDROGRAPH AT	DC387C	145.	4.40	32.	8.	8.	0.25		
+	3 COMBINED AT	C109	656.	5.20	181.	45.	44.	0.59		
+	DIVERSION TO	D109S	494.	5.20	162.	41.	39.	0.59		
+	HYDROGRAPH AT	D109W	162.	5.20	19.	5.	5.	0.59		
+	ROUTED TO	109110	159.	5.30	19.	5.	5.	0.59		
+									0.72	5.30
+	HYDROGRAPH AT	C390C	60.	4.35	13.	3.	3.	0.09		
+	DIVERSION TO	C390CR	34.	4.35	2.	1.	1.	0.09		
+	HYDROGRAPH AT	DC390C	60.	4.35	11.	3.	3.	0.09		
+	2 COMBINED AT	C110	180.	5.30	30.	8.	7.	0.68		
	DIVERSION TO	D110S	38.	5.30	8.	2.	2.	0.68		
+	HYDROGRAPH AT	D110W	142.	5.30	22.	6.	5.	0.68		

OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA	MAXIMUM STAGE	TIME OF MAX STAGE
ROUTED TO	110111	141.	5.40	22.	6.	5.	0.68		
+ HYDROGRAPH AT	D107S	124.	5.40	41.	10.	10.	0.00		
+ ROUTED TO	107111	122.	5.50	41.	10.	10.	0.00		
+								0.76	5.50
+ HYDROGRAPH AT	C390D	39.	4.35	9.	2.	2.	0.07		
+ 3 COMBINED AT	C111	272.	5.40	72.	18.	17.	0.76		
+ DIVERSION TO	D111S	51.	5.40	16.	4.	4.	0.76		
+ HYDROGRAPH AT	D111W	221.	5.40	56.	14.	14.	0.76		
+ ROUTED TO	111112	219.	5.60	56.	14.	14.	0.76		
+ HYDROGRAPH AT	C390E	141.	4.40	32.	8.	8.	0.23		
+ DIVERSION TO	C390ER	2.	4.40	0.	0.	0.	0.23		
+ HYDROGRAPH AT	DC390E	141.	4.40	32.	8.	8.	0.23		
+ 2 COMBINED AT	C112E	266.	4.60	87.	22.	21.	0.99		
+ 2 COMBINED AT	C112	367.	5.55	126.	32.	30.	1.63		
DIVERSION TO	D112W	0.	5.55	0.	0.	0.	1.63		
+ HYDROGRAPH AT	D112S	367.	5.55	126.	32.	30.	1.63		
+ ROUTED TO	112113	366.	5.55	126.	32.	30.	1.63		
+								0.95	5.55
+ HYDROGRAPH AT	C406D	52.	4.00	3.	1.	1.	0.03		
+ 2 COMBINED AT	C113	366.	5.55	129.	32.	31.	1.67		
+ HYDROGRAPH AT	D105W	7.	4.50	0.	0.	0.	0.00		
+ ROUTED TO	105114	3.	4.55	0.	0.	0.	0.00		
+								0.05	4.55
+ HYDROGRAPH AT	C406A	60.	4.30	12.	3.	3.	0.10		
+ DIVERSION TO	C406AR	60.	4.80	8.	2.	2.	0.10		
+ HYDROGRAPH AT	DC406A	34.	4.80	4.	1.	1.	0.10		
+ 2 COMBINED AT	C114	36.	4.80	4.	1.	1.	0.10		
+ DIVERSION TO	D114W	13.	4.80	1.	0.	0.	0.10		
+ HYDROGRAPH AT	D114S	23.	4.80	3.	1.	1.	0.10		
ROUTED TO	114115	19.	5.10	3.	1.	1.	0.10		
								0.27	5.10
HYDROGRAPH AT									

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA	MAXIMUM STAGE	TIME OF MAX STAGE
+		C406B	40.	4.45	10.	3.	2.	0.07		
+	2 COMBINED AT	C115	42.	5.10	13.	3.	3.	0.17		
+	DIVERSION TO	D115W	21.	5.10	7.	2.	2.	0.17		
+	HYDROGRAPH AT	D115S	21.	5.10	7.	2.	2.	0.17		
+	ROUTED TO	115116	20.	5.30	7.	2.	2.	0.17		
+	HYDROGRAPH AT	D112W	0.	5.50	0.	0.	0.	0.00		
+	ROUTED TO	112116	0.	6.45	0.	0.	0.	0.00		
+	HYDROGRAPH AT	C406C	35.	4.50	10.	3.	2.	0.07		
+	DIVERSION TO	C406R	14.	4.50	1.	0.	0.	0.07		
+	HYDROGRAPH AT	DC406C	35.	4.50	9.	2.	2.	0.07		
+	3 COMBINED AT	C116	55.	4.55	16.	4.	4.	0.24		
+	DIVERSION TO	D116W	16.	4.55	8.	2.	2.	0.24		
+	HYDROGRAPH AT	D116S	39.	4.55	8.	2.	2.	0.24		
+	HYDROGRAPH AT	D114W	13.	4.80	1.	0.	0.	0.00		
	ROUTED TO	114117	10.	5.25	1.	0.	0.	0.00		
+	HYDROGRAPH AT	C406E	18.	4.50	5.	1.	1.	0.05		
+	DIVERSION TO	C406ER	18.	5.35	4.	1.	1.	0.05		
+	HYDROGRAPH AT	DC406E	10.	5.35	2.	0.	0.	0.05		
+	2 COMBINED AT	C117	18.	5.30	2.	1.	1.	0.05		
+	DIVERSION TO	D117W	2.	5.30	0.	0.	0.	0.05		
+	HYDROGRAPH AT	D117S	16.	5.30	2.	1.	1.	0.05		
+	ROUTED TO	117118	18.	5.60	2.	1.	1.	0.05		
+	HYDROGRAPH AT	D115W	21.	5.10	7.	2.	2.	0.00		
+	ROUTED TO	115118	20.	5.25	7.	2.	2.	0.00		
+	HYDROGRAPH AT	D116W	16.	4.45	8.	2.	2.	0.00		
+	ROUTED TO	116118	16.	4.55	8.	2.	2.	0.00		
+									0.22	4.65
+	HYDROGRAPH AT	C406F	46.	4.40	11.	3.	3.	0.10		
	4 COMBINED AT	C118	81.	4.50	28.	7.	7.	0.16		
+	HYDROGRAPH AT	D117W	2.	5.30	0.	0.	0.	0.00		

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA	MAXIMUM STAGE	TIME OF MAX STAGE
	ROUTED TO	117119	0.	6.45	0.	0.	0.	0.00		
+	HYDROGRAPH AT	C406G	23.	4.70	9.	2.	2.	0.11		
+	DIVERSION TO	C406GR	23.	5.20	4.	1.	1.	0.11		
+	HYDROGRAPH AT	DC406G	19.	5.20	5.	1.	1.	0.11		
+	2 COMBINED AT	C119	19.	5.20	5.	1.	1.	0.11		
+	HYDROGRAPH AT	C406H	41.	4.80	15.	4.	4.	0.27		
+	5 COMBINED AT	INTRM1	508.	4.65	185.	47.	45.	2.44		
+	HYDROGRAPH AT	D382S	603.	4.90	171.	46.	44.	0.00		
+	ROUTED TO	382120	579.	5.00	171.	46.	44.	0.00		
+									1.22	5.00
+	DIVERSION TO	D120S	357.	5.00	135.	37.	35.	0.00		
+	HYDROGRAPH AT	D120W	222.	5.00	36.	9.	9.	0.00		
+	ROUTED TO	120121	214.	5.15	36.	9.	9.	0.00		
+									1.02	5.15
+	HYDROGRAPH AT	D108S	67.	5.05	11.	3.	3.	0.00		
+	ROUTED TO	108121	64.	5.25	11.	3.	3.	0.00		
									0.51	5.25
+	HYDROGRAPH AT	C388A	105.	4.50	27.	7.	7.	0.26		
+	3 COMBINED AT	C121	342.	5.15	75.	19.	18.	0.26		
+	DIVERSION TO	D121S	166.	5.15	33.	8.	8.	0.26		
+	HYDROGRAPH AT	D121W	176.	5.15	41.	10.	10.	0.26		
+	ROUTED TO	121123	175.	5.35	41.	10.	10.	0.26		
+	HYDROGRAPH AT	D109S	494.	5.20	162.	41.	39.	0.00		
+	ROUTED TO	109122	493.	5.25	162.	41.	39.	0.00		
+	DIVERSION TO	D122W	16.	5.25	2.	0.	0.	0.00		
+	HYDROGRAPH AT	D122S	477.	5.25	160.	40.	39.	0.00		
+	ROUTED TO	122123	476.	5.40	160.	40.	39.	0.00		
+	HYDROGRAPH AT	C388B	225.	4.30	38.	9.	9.	0.34		
+	DIVERSION TO	C388BR	225.	4.60	23.	6.	5.	0.34		
	HYDROGRAPH AT	DC388B	169.	4.60	15.	4.	4.	0.34		
+	3 COMBINED AT	C123	686.	5.35	216.	55.	52.	0.60		

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA	MAXIMUM STAGE	TIME OF MAX STAGE
	DIVERSION TO	D123W	60.	5.35	16.	4.	4.	0.60		
+	HYDROGRAPH AT	D123S	626.	5.35	200.	50.	49.	0.60		
+	ROUTED TO	123126	625.	5.40	200.	51.	49.	0.60		
+	HYDROGRAPH AT	DT383	395.	4.45	60.	15.	14.	0.99		
+	HYDROGRAPH AT	RM383	579.	4.90	114.	28.	27.	1.98		
+	HYDROGRAPH AT	D120S	357.	5.00	135.	37.	35.	0.00		
+	ROUTED TO	120383	356.	5.15	135.	37.	35.	0.00		
+	3 COMBINED AT	C383	1167.	4.90	309.	80.	77.	2.97		
+	DIVERSION TO	D383S	680.	4.90	210.	55.	53.	2.97		
+	HYDROGRAPH AT	D383W	487.	4.90	99.	25.	24.	2.97		
+	ROUTED TO	383124	485.	4.95	99.	25.	24.	2.97		
+	HYDROGRAPH AT	C388C	16.	4.90	7.	2.	2.	0.05		
+	DIVERSION TO	C388CR	16.	5.00	2.	1.	1.	0.05		
+	HYDROGRAPH AT	DC388C	16.	5.00	6.	1.	1.	0.05		
+	2 COMBINED AT	C124	497.	4.95	105.	26.	25.	3.02		
+	DIVERSION TO	D124S	93.	4.95	29.	7.	7.	3.02		
+	HYDROGRAPH AT	D124W	404.	4.95	76.	19.	18.	3.02		
+	ROUTED TO	124125	400.	5.05	76.	19.	18.	3.02		
+	HYDROGRAPH AT	D121S	166.	5.15	33.	8.	8.	0.00		
+	ROUTED TO	121125	165.	5.30	34.	8.	8.	0.00		
+	HYDROGRAPH AT	C388D	88.	4.50	24.	6.	6.	0.19		
+	DIVERSION TO	C388DR	58.	4.50	4.	1.	1.	0.19		
+	HYDROGRAPH AT	DC388D	88.	4.50	20.	5.	5.	0.19		
+	3 COMBINED AT	C125	595.	5.15	130.	32.	31.	3.21		
+	DIVERSION TO	D125S	52.	5.15	8.	2.	2.	3.21		
+	HYDROGRAPH AT	D125W	544.	5.15	122.	31.	29.	3.21		
+	ROUTED TO	125126	542.	5.25	122.	31.	30.	3.21		
	HYDROGRAPH AT	C388E	59.	4.50	16.	4.	4.	0.15		
+	DIVERSION TO	C388ER	59.	4.70	7.	2.	2.	0.15		

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA	MAXIMUM STAGE	TIME OF MAX STAGE
	HYDROGRAPH AT	DC388E	55.	4.70	10.	3.	2.	0.15		
+	3 COMBINED AT	C126	1185.	5.35	332.	84.	81.	3.96		
+	DIVERSION TO	D126W	881.	5.35	291.	73.	71.	3.96		
+	HYDROGRAPH AT	D126S	303.	5.35	41.	10.	10.	3.96		
+	ROUTED TO	126127	302.	5.35	41.	10.	10.	3.96		
+	HYDROGRAPH AT	C389C	59.	4.20	11.	3.	3.	0.07		
+	DIVERSION TO	C389CR	59.	4.90	9.	2.	2.	0.07		
+	HYDROGRAPH AT	DC389C	22.	4.90	2.	1.	1.	0.07		
+	2 COMBINED AT	C127	312.	5.35	44.	11.	10.	4.03		
+	HYDROGRAPH AT	C391M	23.	4.00	2.	1.	1.	0.01		
+	2 COMBINED AT	C128	312.	5.35	46.	11.	11.	4.05		
+	HYDROGRAPH AT	C391L	24.	4.05	3.	1.	1.	0.02		
+	DIVERSION TO	C391LR	24.	4.30	2.	1.	1.	0.02		
+	HYDROGRAPH AT	DC391L	10.	4.30	1.	0.	0.	0.02		
+	HYDROGRAPH AT	D126W	881.	5.35	291.	73.	71.	0.00		
+	ROUTED TO	126129	881.	5.35	291.	73.	71.	0.00		
+	2 COMBINED AT	C129	882.	5.35	292.	74.	71.	0.02		
+	HYDROGRAPH AT	C391I	32.	4.35	7.	2.	2.	0.06		
+	HYDROGRAPH AT	D123W	60.	5.35	16.	4.	4.	0.00		
+	ROUTED TO	123132	60.	5.40	16.	4.	4.	0.00		
+	2 COMBINED AT	C132	70.	5.30	23.	6.	6.	0.06		
+	DIVERSION TO	D132S	37.	5.30	12.	3.	3.	0.06		
+	HYDROGRAPH AT	D132W	33.	5.30	11.	3.	3.	0.06		
+	ROUTED TO	132133	33.	5.30	11.	3.	3.	0.06		
+	HYDROGRAPH AT	C391J	6.	4.20	1.	0.	0.	0.01		
+	2 COMBINED AT	C133	34.	5.20	12.	3.	3.	0.07		
+	HYDROGRAPH AT	D132S	37.	5.30	12.	3.	3.	0.00		
	HYDROGRAPH AT	C391K	13.	4.30	3.	1.	1.	0.03		
+	2 COMBINED AT	C130	44.	4.75	15.	4.	4.	0.03		

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA	MAXIMUM STAGE	TIME OF MAX STAGE
	HYDROGRAPH AT	C391E	55.	4.35	11.	3.	3.	0.09		
+	5 COMBINED AT	INTRM2	1285.	5.35	373.	95.	91.	4.24		
+	HYDROGRAPH AT	C391A	65.	4.40	16.	4.	4.	0.11		
+	DIVERSION TO	C391AR	63.	4.40	5.	1.	1.	0.11		
+	HYDROGRAPH AT	DC391A	65.	4.40	11.	3.	3.	0.11		
+	HYDROGRAPH AT	D110S	38.	5.30	8.	2.	2.	0.00		
+	ROUTED TO	110136	38.	5.50	8.	2.	2.	0.00		
+	HYDROGRAPH AT	D122W	16.	5.25	2.	0.	0.	0.00		
+	ROUTED TO	122136	15.	5.55	2.	0.	0.	0.00		
+									0.21	5.55
+	HYDROGRAPH AT	C391B	34.	4.35	7.	2.	2.	0.06		
+	DIVERSION TO	D135W	12.	4.35	2.	0.	0.	0.06		
+	HYDROGRAPH AT	D135S	22.	4.35	6.	1.	1.	0.06		
+	ROUTED TO	135136	22.	4.40	6.	1.	1.	0.06		
	4 COMBINED AT	C136	101.	4.65	27.	7.	6.	0.16		
+	DIVERSION TO	D136W	76.	4.65	23.	6.	6.	0.16		
+	HYDROGRAPH AT	D136S	26.	4.65	4.	1.	1.	0.16		
+	ROUTED TO	136137	23.	4.80	4.	1.	1.	0.16		
+	HYDROGRAPH AT	C391F	16.	4.20	3.	1.	1.	0.02		
+	2 COMBINED AT	C137	31.	4.60	6.	2.	1.	0.18		
+	HYDROGRAPH AT	C391G	12.	4.35	3.	1.	1.	0.02		
+	HYDROGRAPH AT	D136W	76.	4.65	23.	6.	6.	0.00		
+	ROUTED TO	136138	73.	4.75	23.	6.	6.	0.00		
+	2 COMBINED AT	C138	82.	4.75	26.	7.	6.	0.02		
+	HYDROGRAPH AT	C391C	39.	4.45	10.	3.	2.	0.07		
+	HYDROGRAPH AT	D111S	51.	5.40	16.	4.	4.	0.00		
+	ROUTED TO	111139	51.	5.60	16.	4.	4.	0.00		
+	DIVERSION TO	D139W	6.	5.60	2.	0.	0.	0.00		
	HYDROGRAPH AT	D139S	45.	5.60	14.	4.	3.	0.00		
	ROUTED TO									

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA	MAXIMUM STAGE	TIME OF MAX STAGE
+		139140	44.	5.60	14.	4.	3.	0.00		
+	DIVERSION TO	D140S	22.	5.60	7.	2.	2.	0.00		
+	HYDROGRAPH AT	D140W	22.	5.60	7.	2.	2.	0.00		
+	ROUTED TO	140141	22.	5.65	7.	2.	2.	0.00		
+	2 COMBINED AT	C141	51.	4.60	17.	4.	4.	0.07		
+	HYDROGRAPH AT	C391H	32.	4.30	6.	2.	2.	0.05		
+	HYDROGRAPH AT	D135W	12.	4.35	2.	0.	0.	0.00		
+	ROUTED TO	135142	12.	4.55	2.	0.	0.	0.00		
+	HYDROGRAPH AT	D140S	22.	5.60	7.	2.	2.	0.00		
+	ROUTED TO	140142	22.	5.75	7.	2.	2.	0.00		
+	3 COMBINED AT	C142	49.	4.75	15.	4.	4.	0.05		
+	HYDROGRAPH AT	C391D	21.	4.25	4.	1.	1.	0.03		
+	HYDROGRAPH AT	D139W	6.	5.60	2.	0.	0.	0.00		
+	ROUTED TO	139143	6.	5.65	2.	0.	0.	0.00		
	2 COMBINED AT	C143	21.	4.25	6.	2.	1.	0.03		
+	HYDROGRAPH AT	C391N	27.	4.95	13.	4.	3.	0.14		
+	7 COMBINED AT	C144	1448.	5.35	456.	116.	112.	4.73		
+	HYDROGRAPH AT	DT384	331.	4.50	67.	17.	16.	2.95		
+	HYDROGRAPH AT	RM384	557.	4.95	108.	27.	26.	0.99		
+	HYDROGRAPH AT	D383S	680.	4.90	210.	55.	53.	0.00		
+	ROUTED TO	383384	666.	5.15	209.	55.	53.	0.00		
+									1.33	5.15
+	3 COMBINED AT	C384	1409.	5.00	384.	99.	95.	3.94		
+	HYDROGRAPH AT	C389A	181.	4.45	41.	10.	10.	0.29		
+	DIVERSION TO	C389AR	88.	4.45	5.	1.	1.	0.29		
+	HYDROGRAPH AT	DC389A	181.	4.45	36.	9.	9.	0.29		
+	HYDROGRAPH AT	D124S	93.	4.95	29.	7.	7.	0.00		
+	ROUTED TO	124145	92.	5.25	29.	7.	7.	0.00		
+									0.71	5.25
	2 COMBINED AT	C145	200.	4.95	65.	16.	16.	0.29		
	HYDROGRAPH AT									

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA	MAXIMUM STAGE	TIME OF MAX STAGE
+		C389D	24.	4.20	4.	1.	1.	0.03		
+	HYDROGRAPH AT	C389B	80.	4.35	19.	5.	5.	0.13		
+	DIVERSION TO	C389BR	80.	4.50	8.	2.	2.	0.13		
+	HYDROGRAPH AT	DC389B	77.	4.50	11.	3.	3.	0.13		
+	HYDROGRAPH AT	D125S	52.	5.15	8.	2.	2.	0.00		
+	ROUTED TO	125147	49.	5.35	8.	2.	2.	0.00		
+									0.44	5.35
+	2 COMBINED AT	C147	79.	5.25	19.	5.	5.	0.13		
+	HYDROGRAPH AT	C389E	53.	4.15	7.	2.	2.	0.05		
+	HYDROGRAPH AT	C389F	19.	4.95	10.	3.	3.	0.11		
+	6 COMBINED AT	C149	1694.	5.00	488.	126.	121.	4.55		
+	3 COMBINED AT	C150	3366.	5.20	1128.	289.	278.	11.72		

*** NORMAL END OF HEC-1 ***

APPENDIX I. 100-YR, 6-HR FUTURE CONDITIONS HEC-1 OUTPUT

AGUA FRIA, NEW RIVER, AND SUN CITY SUB-AREA MODEL

RUNOFF SUMMARY
FLOW IN CUBIC FEET PER SECOND
TIME IN HOURS, AREA IN SQUARE MILES

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+	HYDROGRAPH AT	N21K	606.	4.03	42.	10.	7.	0.23
+	DIVERSION TO	N21KI*	141.	4.03	20.	5.	4.	0.23
+	HYDROGRAPH AT	DN21KL	466.	4.03	21.	5.	4.	0.23
+	DIVERSION TO	N21KI	169.	4.03	8.	2.	1.	0.23
+	HYDROGRAPH AT	DN21KO	297.	4.03	13.	3.	2.	0.23
+	ROUTED TO	RN21KS	182.	4.27	13.	3.	2.	0.23
+	HYDROGRAPH AT	N21I	369.	4.23	51.	13.	9.	0.28
+	DIVERSION TO	LN21ID	44.	3.80	2.	1.	0.	0.28
+	HYDROGRAPH AT	LN21I	369.	4.23	49.	12.	9.	0.28
+	2 COMBINED AT	CN21I*	547.	4.27	62.	16.	11.	0.50
+	HYDROGRAPH AT	N21J	585.	4.07	46.	11.	8.	0.23
	DIVERSION TO	LN21JD	108.	3.77	6.	2.	1.	0.23
+	HYDROGRAPH AT	LN21J	585.	4.07	40.	10.	7.	0.23
+	HYDROGRAPH AT	DR21K*	141.	4.03	20.	5.	4.	0.23
+	ROUTED TO	LN21K	18.	4.57	2.	1.	0.	0.23
+	HYDROGRAPH AT	DRN21K	169.	4.03	8.	2.	1.	0.23
+	ROUTED TO	RN21KE	128.	4.17	8.	2.	1.	0.23
+	3 COMBINED AT	CN21J	680.	4.07	50.	12.	9.	0.46
+	DIVERSION TO	N21JI	210.	4.07	15.	4.	3.	0.46
+	HYDROGRAPH AT	DN21JO	470.	4.07	34.	9.	6.	0.46
+	ROUTED TO	RN21JS	366.	4.27	34.	9.	6.	0.46
+	HYDROGRAPH AT	N21Z	227.	4.13	23.	6.	4.	0.11
+	DIVERSION TO	LN21ZD	152.	3.97	5.	1.	1.	0.11
	HYDROGRAPH AT	LN21Z	227.	4.13	18.	5.	3.	0.11
+	2 COMBINED AT	CN21Z	536.	4.23	52.	13.	9.	0.57

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	DIVERSION TO	N21ZI	40.	4.23	2.	0.	0.	0.57
+	HYDROGRAPH AT	DN21ZO	496.	4.23	50.	13.	9.	0.57
+	DIVERSION TO	N21ZI*	154.	4.23	6.	1.	1.	0.57
+	HYDROGRAPH AT	DN21Z*	379.	4.40	44.	11.	8.	0.57
+	ROUTED TO	RN21ZW	339.	4.50	44.	11.	8.	0.57
+	HYDROGRAPH AT	N11P	745.	4.13	54.	14.	10.	0.38
+	DIVERSION TO	LN11PD	261.	3.93	11.	3.	2.	0.38
+	HYDROGRAPH AT	LN11P	745.	4.13	43.	11.	8.	0.38
+	ROUTED TO	RN11P	537.	4.33	43.	11.	8.	0.38
+	HYDROGRAPH AT	N11L	66.	4.97	33.	9.	7.	0.29
+	2 COMBINED AT	CN11L	537.	4.33	72.	19.	14.	0.68
+	DIVERSION TO	N11LI	479.	4.33	59.	15.	11.	0.68
	HYDROGRAPH AT	DN11L	30.	4.23	10.	3.	2.	0.68
+	ROUTED TO	RN11LE	27.	5.30	10.	3.	2.	0.68
+	3 COMBINED AT	CN21I	757.	4.30	111.	28.	20.	0.85
+	ROUTED TO	RN21I	706.	4.43	111.	28.	20.	0.85
+	HYDROGRAPH AT	N22B	452.	4.10	41.	10.	7.	0.19
+	DIVERSION TO	N22BI	407.	4.10	37.	9.	7.	0.19
+	HYDROGRAPH AT	DN22B	45.	4.10	4.	1.	1.	0.19
+	ROUTED TO	RN22BE	24.	4.33	4.	1.	1.	0.19
+	HYDROGRAPH AT	N21F	158.	4.23	28.	7.	5.	0.10
+	3 COMBINED AT	CN21F	829.	4.43	140.	35.	26.	1.05
+	ROUTED TO	RN21F	748.	4.60	140.	35.	26.	1.05
+	HYDROGRAPH AT	N21G	122.	4.13	17.	4.	3.	0.06
	HYDROGRAPH AT	DR21Z*	154.	4.23	6.	1.	1.	0.57

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	ROUTED TO	RN21ZS	101.	4.57	6.	1.	1.	0.57
+	2 COMBINED AT	CN21G	170.	4.57	23.	6.	4.	0.06
+	DIVERSION TO	N21GI	80.	4.57	4.	1.	1.	0.06
+	HYDROGRAPH AT	DN21GO	89.	4.57	19.	5.	3.	0.06
+	ROUTED TO	RN21GS	89.	4.80	19.	5.	3.	0.06
+	HYDROGRAPH AT	N21E	95.	4.23	18.	4.	3.	0.06
+	DIVERSION TO	LN21ED	22.	3.77	1.	0.	0.	0.06
+	HYDROGRAPH AT	LN21E	95.	4.23	16.	4.	3.	0.06
+	3 COMBINED AT	CN21E	888.	4.57	172.	44.	31.	1.18
+	ROUTED TO	RN21E	859.	4.73	172.	44.	31.	1.18
+	HYDROGRAPH AT	N21D	124.	4.10	14.	4.	3.	0.05
+	DIVERSION TO	LN21DD	124.	4.10	8.	2.	1.	0.05
+	HYDROGRAPH AT	LN21D	101.	4.23	6.	1.	1.	0.05
+	HYDROGRAPH AT	N22BIX	407.	4.10	37.	9.	7.	0.19
+	ROUTED TO	RN22BS	372.	4.27	37.	9.	7.	0.19
+	HYDROGRAPH AT	N22A	352.	4.17	48.	12.	9.	0.18
+	2 COMBINED AT	CN22A	705.	4.23	85.	21.	15.	0.37
+	DIVERSION TO	N22AI	106.	4.23	13.	3.	2.	0.37
+	HYDROGRAPH AT	DN22A	600.	4.23	72.	18.	13.	0.37
+	ROUTED TO	RN22AE	510.	4.50	72.	18.	13.	0.37
+	3 COMBINED AT	CN21D	1234.	4.67	243.	62.	44.	1.60
+	DIVERSION TO	N21DI	185.	4.67	36.	9.	7.	1.60
+	HYDROGRAPH AT	DN21D	1049.	4.67	206.	52.	38.	1.60
+	ROUTED TO	RN21DS	958.	5.07	206.	52.	38.	1.60
+	HYDROGRAPH AT	N21C	521.	4.30	99.	25.	18.	0.39
	DIVERSION TO							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		LN21CD	505.	4.23	30.	7.	5.	0.39
+	HYDROGRAPH AT	LN21C	521.	4.30	70.	18.	13.	0.39
+	2 COMBINED AT	CN21C	1151.	5.00	270.	68.	49.	1.99
+	ROUTED TO	RN21C	1151.	5.03	270.	68.	49.	1.99
+	HYDROGRAPH AT	N24Q	107.	4.07	8.	2.	1.	0.04
+	DIVERSION TO	LN24QD	107.	4.07	5.	1.	1.	0.04
+	HYDROGRAPH AT	LN24Q	86.	4.13	3.	1.	1.	0.04
+	ROUTED TO	RN24Q	27.	4.77	3.	1.	1.	0.04
+	HYDROGRAPH AT	N24R	99.	4.07	8.	2.	1.	0.03
+	DIVERSION TO	LN24RD	99.	4.07	5.	1.	1.	0.03
+	HYDROGRAPH AT	LN24R	83.	4.10	3.	1.	1.	0.03
+	ROUTED TO	RN24R	33.	4.60	3.	1.	1.	0.03
+	HYDROGRAPH AT	N24O	398.	4.13	31.	8.	6.	0.16
+	DIVERSION TO	LN24OD	398.	4.13	18.	4.	3.	0.16
+	HYDROGRAPH AT	LN24O	349.	4.20	13.	3.	2.	0.16
+	3 COMBINED AT	CN24O	350.	4.20	20.	5.	4.	0.22
+	ROUTED TO	RN24O	202.	4.37	20.	5.	4.	0.22
+	HYDROGRAPH AT	N24S	153.	4.07	11.	3.	2.	0.05
+	DIVERSION TO	LN24SD	147.	4.00	6.	2.	1.	0.05
+	HYDROGRAPH AT	LN24S	153.	4.07	5.	1.	1.	0.05
+	ROUTED TO	RN24S	41.	4.97	5.	1.	1.	0.05
+	HYDROGRAPH AT	N24T	52.	4.03	4.	1.	1.	0.02
+	DIVERSION TO	LN24TD	43.	3.93	2.	0.	0.	0.02
+	HYDROGRAPH AT	LN24T	52.	4.03	2.	1.	0.	0.02
+	ROUTED TO	RN24T	22.	4.70	2.	1.	0.	0.02
+	HYDROGRAPH AT	N24P	315.	4.13	25.	6.	4.	0.12

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	DIVERSION TO	LN24PD	313.	4.13	15.	4.	3.	0.12
+	HYDROGRAPH AT	LN24P	284.	4.17	10.	3.	2.	0.12
+	4 COMBINED AT	CN24P	328.	4.30	37.	9.	7.	0.41
+	ROUTED TO	RN24P	327.	4.33	37.	9.	7.	0.41
+	HYDROGRAPH AT	N24U	349.	4.07	25.	6.	4.	0.11
+	DIVERSION TO	LN24UD	330.	4.00	13.	3.	2.	0.11
+	HYDROGRAPH AT	LN24U	349.	4.07	12.	3.	2.	0.11
+	ROUTED TO	RN24U	139.	4.33	12.	3.	2.	0.11
+	2 COMBINED AT	CN24U*	456.	4.33	48.	12.	9.	0.52
+	ROUTED TO	RN24U*	382.	4.43	48.	12.	9.	0.52
+	HYDROGRAPH AT	N24V	124.	4.07	9.	2.	2.	0.05
+	DIVERSION TO	LN24VD	124.	4.07	9.	2.	2.	0.05
+	HYDROGRAPH AT	LN24V	0.	0.03	0.	0.	0.	0.05
+	ROUTED TO	RN24V	0.	0.03	0.	0.	0.	0.05
+	2 COMBINED AT	CN24V*	382.	4.43	48.	12.	9.	0.57
+	ROUTED TO	RN24V*	335.	4.60	48.	12.	9.	0.57
+	HYDROGRAPH AT	N24M	527.	4.20	48.	12.	9.	0.25
+	DIVERSION TO	LN24MD	527.	4.20	27.	7.	5.	0.25
+	HYDROGRAPH AT	LN24M	430.	4.30	21.	5.	4.	0.25
+	2 COMBINED AT	CN24M	442.	4.50	64.	16.	12.	0.82
+	ROUTED TO	RN24M	415.	4.60	64.	16.	12.	0.82
+	HYDROGRAPH AT	N24L	1215.	4.03	75.	19.	14.	0.38
+	DIVERSION TO	LN24LD	1196.	4.00	44.	11.	8.	0.38
+	HYDROGRAPH AT	LN24L	1185.	4.07	32.	8.	6.	0.38
+	ROUTED TO	RN24L	701.	4.13	32.	8.	6.	0.38
	2 COMBINED AT							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		CN24I*	438.	4.57	86.	22.	16.	1.20
+	ROUTED TO	RN24I*	381.	4.93	86.	22.	16.	1.20
+	HYDROGRAPH AT	N24I	354.	4.43	60.	15.	11.	0.30
+	DIVERSION TO	LN24ID	354.	4.43	53.	13.	10.	0.30
+	HYDROGRAPH AT	LN24I	72.	5.47	8.	2.	1.	0.30
+	HYDROGRAPH AT	N24H	697.	4.13	67.	17.	12.	0.29
+	DIVERSION TO	LN24HD	685.	4.10	34.	9.	6.	0.29
+	HYDROGRAPH AT	LN24H	662.	4.17	32.	8.	6.	0.29
+	HYDROGRAPH AT	N24N	301.	4.10	22.	6.	4.	0.13
+	DIVERSION TO	LN24ND	301.	4.10	22.	6.	4.	0.13
+	HYDROGRAPH AT	LN24N	0.	0.03	0.	0.	0.	0.13
+	ROUTED TO	RN24N	0.	0.03	0.	0.	0.	0.13
+	HYDROGRAPH AT	N24J	123.	4.40	20.	5.	4.	0.12
+	DIVERSION TO	LN24JD	123.	4.40	20.	5.	4.	0.12
+	HYDROGRAPH AT	LN24J	0.	0.03	0.	0.	0.	0.12
+	2 COMBINED AT	CN24J	0.	0.03	0.	0.	0.	0.25
+	ROUTED TO	RN24J	0.	0.03	0.	0.	0.	0.25
+	HYDROGRAPH AT	N24K	272.	4.30	34.	9.	6.	0.21
+	DIVERSION TO	LN24KD	272.	4.30	34.	9.	6.	0.21
+	HYDROGRAPH AT	LN24K	0.	0.03	0.	0.	0.	0.21
+	5 COMBINED AT	CN24I	661.	4.17	140.	35.	25.	2.25
+	ROUTED TO	RN24I	428.	4.40	103.	26.	19.	2.25
+	HYDROGRAPH AT	DRN21J	210.	4.07	15.	4.	3.	0.46
+	ROUTED TO	RN21JE	147.	4.47	15.	4.	3.	0.46
+	2 COMBINED AT	CN24G*	507.	4.40	111.	28.	20.	2.71
+	ROUTED TO	RN24G*	443.	4.63	111.	28.	20.	2.71

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	HYDROGRAPH AT	N24G	560.	4.43	76.	19.	14.	0.44
+	DIVERSION TO	LN24GD	400.	4.27	17.	4.	3.	0.44
+	HYDROGRAPH AT	LN24G	560.	4.43	60.	15.	11.	0.44
+	2 COMBINED AT	CN24G	723.	4.63	152.	38.	27.	3.15
+	HYDROGRAPH AT	DRN21Z	40.	4.23	2.	0.	0.	0.57
+	ROUTED TO	RN21ZE	11.	4.40	2.	0.	0.	0.57
+	2 COMBINED AT	CN24G+	723.	4.63	152.	38.	27.	3.15
+	ROUTED TO	RN24G	613.	4.70	152.	38.	27.	3.15
+	HYDROGRAPH AT	N24F	206.	4.23	20.	5.	4.	0.11
+	DIVERSION TO	LN24FD	98.	4.03	3.	1.	1.	0.11
+	HYDROGRAPH AT	LN24F	206.	4.23	17.	4.	3.	0.11
+	2 COMBINED AT	CN24F	656.	4.70	164.	41.	30.	3.26
+	HYDROGRAPH AT	N24D	157.	4.13	15.	4.	3.	0.09
+	DIVERSION TO	LN24DD	157.	4.13	7.	2.	1.	0.09
+	HYDROGRAPH AT	LN24DX	142.	4.20	8.	2.	1.	0.09
+	2 COMBINED AT	CN24D	675.	4.70	167.	42.	30.	3.34
+	ROUTED TO	LN24D	10.	9.43	10.	9.	8.	3.34
+	HYDROGRAPH AT	N21H	78.	4.07	7.	2.	1.	0.03
+	DIVERSION TO	LN21HD	7.	3.63	1.	0.	0.	0.03
+	HYDROGRAPH AT	LN21H	78.	4.07	7.	2.	1.	0.03
+	HYDROGRAPH AT	DRN21G	80.	4.57	4.	1.	1.	0.06
+	ROUTED TO	RN21GE	47.	4.80	4.	1.	1.	0.06
+	2 COMBINED AT	CN21H	78.	4.07	11.	3.	2.	0.03
+	ROUTED TO	RN21H	56.	5.00	11.	3.	2.	0.03
+	HYDROGRAPH AT	N24E	40.	4.13	3.	1.	1.	0.02
	DIVERSION TO							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		LN24ED	40.	4.13	3.	1.	1.	0.02
+	HYDROGRAPH AT	LN24E	2.	4.90	0.	0.	0.	0.02
+	ROUTED TO	RN24E	1.	5.47	0.	0.	0.	0.02
+	3 COMBINED AT	CN24D*	56.	5.00	21.	16.	13.	3.40
+	HYDROGRAPH AT	N27F	696.	4.10	57.	14.	10.	0.28
+	DIVERSION TO	LN27FD	696.	4.10	56.	14.	10.	0.28
+	HYDROGRAPH AT	LN27F	8.	5.60	1.	0.	0.	0.28
+	ROUTED TO	RN27F	6.	6.13	1.	0.	0.	0.28
+	HYDROGRAPH AT	N27G	530.	4.17	51.	13.	9.	0.26
+	DIVERSION TO	LN27GD	530.	4.17	50.	13.	9.	0.26
+	HYDROGRAPH AT	LN27G	6.	5.73	1.	0.	0.	0.26
+	2 COMBINED AT	CN27G	10.	6.10	1.	0.	0.	0.55
+	ROUTED TO	RN27G	8.	6.27	1.	0.	0.	0.55
+	HYDROGRAPH AT	N27E	419.	4.13	29.	7.	5.	0.19
+	DIVERSION TO	LN27ED	419.	4.13	29.	7.	5.	0.19
+	HYDROGRAPH AT	LN27E	0.	0.03	0.	0.	0.	0.19
+	ROUTED TO	RN27E	0.	0.03	0.	0.	0.	0.19
+	HYDROGRAPH AT	N27H	478.	4.13	40.	10.	7.	0.21
+	DIVERSION TO	LN27HD	478.	4.13	40.	10.	7.	0.21
+	HYDROGRAPH AT	LN27H	0.	0.03	0.	0.	0.	0.21
+	ROUTED TO	RN27H	0.	0.03	0.	0.	0.	0.21
+	HYDROGRAPH AT	N27C	168.	4.20	16.	4.	3.	0.09
+	DIVERSION TO	LN27CD	168.	4.20	9.	2.	2.	0.09
+	HYDROGRAPH AT	LN27C	146.	4.27	7.	2.	1.	0.09
+	4 COMBINED AT	CN27C	84.	4.27	7.	2.	1.	1.03
+	ROUTED TO	RN27C	66.	4.47	7.	2.	1.	1.03

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	HYDROGRAPH AT	N27I	427.	4.10	33.	8.	6.	0.17
+	DIVERSION TO	LN27ID	427.	4.10	32.	8.	6.	0.17
+	HYDROGRAPH AT	LN27I	6.	4.97	1.	0.	0.	0.17
+	ROUTED TO	RN27I	3.	6.17	1.	0.	0.	0.17
+	HYDROGRAPH AT	N27B	120.	4.27	15.	4.	3.	0.08
+	DIVERSION TO	LN27BD	119.	4.23	6.	1.	1.	0.08
+	HYDROGRAPH AT	LN27B	116.	4.30	9.	2.	2.	0.08
+	HYDROGRAPH AT	N27J	516.	4.10	37.	9.	7.	0.19
+	DIVERSION TO	LN27JD	483.	4.03	18.	5.	3.	0.19
+	HYDROGRAPH AT	LN27J	516.	4.10	19.	5.	3.	0.19
+	DIVERSION TO	N27JI	199.	4.10	5.	1.	1.	0.19
+	HYDROGRAPH AT	DN27J	318.	4.10	14.	3.	3.	0.19
+	ROUTED TO	RN27JW	141.	4.50	14.	3.	3.	0.19
+	4 COMBINED AT	CN27B	225.	4.53	27.	7.	5.	1.46
+	ROUTED TO	RN27B	195.	4.67	27.	7.	5.	1.46
+	HYDROGRAPH AT	N27D	143.	4.13	18.	4.	3.	0.09
+	DIVERSION TO	LN27DD	143.	4.13	10.	2.	2.	0.09
+	HYDROGRAPH AT	LN27D	113.	4.30	8.	2.	1.	0.09
+	HYDROGRAPH AT	DRN27J	199.	4.10	5.	1.	1.	0.19
+	ROUTED TO	RN27JS	111.	4.23	5.	1.	1.	0.19
+	2 COMBINED AT	CN27D	195.	4.30	13.	3.	2.	0.28
+	DIVERSION TO	N27DI	88.	4.30	10.	2.	2.	0.28
+	HYDROGRAPH AT	DN27DO	108.	4.30	4.	1.	1.	0.28
+	ROUTED TO	RN27DW	25.	4.73	4.	1.	1.	0.28
+	HYDROGRAPH AT	DRN27D	88.	4.30	10.	2.	2.	0.28
	ROUTED TO							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		RN27DS	45.	4.97	10.	2.	2.	0.28
+	HYDROGRAPH AT	N27K	702.	4.33	125.	32.	23.	0.63
+	DIVERSION TO	LN27KD	702.	4.33	71.	18.	13.	0.63
+	HYDROGRAPH AT	LN27K	500.	4.63	55.	14.	10.	0.63
+	ROUTED TO	RN27K	372.	5.00	55.	14.	10.	0.63
+	HYDROGRAPH AT	N27L	794.	4.30	93.	23.	17.	0.47
+	DIVERSION TO	LN27LD	794.	4.30	50.	13.	9.	0.47
+	HYDROGRAPH AT	LN27L	642.	4.43	43.	11.	8.	0.47
+	2 COMBINED AT	CN27L	439.	5.00	88.	22.	16.	1.09
+	ROUTED TO	RN27L	435.	5.03	88.	22.	16.	1.09
+	HYDROGRAPH AT	N25S	83.	4.07	8.	2.	1.	0.03
+	ROUTED TO	RN25S	75.	4.10	8.	2.	1.	0.03
+	2 COMBINED AT	CN25O*	436.	5.03	94.	24.	17.	1.12
+	ROUTED TO	RN25O*	425.	5.10	94.	24.	17.	1.12
+	HYDROGRAPH AT	N25O	237.	4.10	25.	6.	5.	0.13
+	DIVERSION TO	LN25OD	237.	4.10	11.	3.	2.	0.13
+	HYDROGRAPH AT	LN25O	224.	4.17	14.	4.	3.	0.13
+	2 COMBINED AT	CN25O	426.	5.10	105.	26.	19.	1.25
+	ROUTED TO	RN25O	410.	5.23	105.	26.	19.	1.25
+	4 COMBINED AT	CN27*	427.	5.30	118.	30.	21.	2.99
+	HYDROGRAPH AT	N27	258.	4.40	46.	12.	8.	0.28
+	DIVERSION TO	LN27DX	258.	4.40	45.	11.	8.	0.28
+	HYDROGRAPH AT	LN27	17.	6.40	2.	0.	0.	0.28
+	HYDROGRAPH AT	N27A	180.	4.27	24.	6.	4.	0.11
+	DIVERSION TO	LN27AD	180.	4.27	12.	3.	2.	0.11
+	HYDROGRAPH AT	LN27A	150.	4.40	12.	3.	2.	0.11

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	HYDROGRAPH AT	N26B	278.	4.37	45.	11.	8.	0.22
+	DIVERSION TO	LN26BD	278.	4.37	25.	6.	5.	0.22
+	HYDROGRAPH AT	LN26B	193.	4.63	20.	5.	4.	0.22
+	4 COMBINED AT	CN27	520.	4.87	134.	34.	24.	3.62
+	ROUTED TO	RN27	478.	5.33	134.	34.	24.	3.62
+	HYDROGRAPH AT	N26	96.	4.10	6.	2.	1.	0.04
+	DIVERSION TO	LN26D	96.	4.10	6.	1.	1.	0.04
+	HYDROGRAPH AT	LN26	18.	4.40	1.	0.	0.	0.04
+	HYDROGRAPH AT	N26A	477.	4.37	69.	17.	12.	0.35
+	DIVERSION TO	LN26AD	467.	4.33	26.	6.	5.	0.35
+	HYDROGRAPH AT	LN26A	471.	4.40	43.	11.	8.	0.35
+	3 COMBINED AT	CN26*	542.	5.17	161.	40.	29.	4.01
	HYDROGRAPH AT	N25R	312.	4.03	26.	7.	5.	0.09
+	ROUTED TO	RN25R	286.	4.07	26.	7.	5.	0.09
+	HYDROGRAPH AT	N25Q	93.	4.03	8.	2.	2.	0.03
+	ROUTED TO	RN25Q	83.	4.10	8.	2.	2.	0.03
+	HYDROGRAPH AT	N25P	525.	4.07	50.	13.	9.	0.17
+	DIVERSION TO	LN25PD	147.	3.73	11.	3.	2.	0.17
+	HYDROGRAPH AT	LN25P	525.	4.07	39.	10.	7.	0.17
+	ROUTED TO	RN25P	477.	4.13	39.	10.	7.	0.17
+	HYDROGRAPH AT	N25M	559.	4.10	60.	15.	11.	0.24
+	DIVERSION TO	LN25MD	553.	4.07	30.	8.	5.	0.24
+	HYDROGRAPH AT	LN25M	535.	4.13	29.	7.	5.	0.24
+	4 COMBINED AT	CN25M	1313.	4.13	102.	26.	19.	0.53
+	DIVERSION TO	N25MI	1116.	4.13	94.	24.	17.	0.53
	HYDROGRAPH AT							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		DN25M	196.	4.13	8.	2.	1.	0.53
+	ROUTED TO	RN25MW	112.	4.30	8.	2.	1.	0.53
+	HYDROGRAPH AT	N25N	48.	4.10	5.	1.	1.	0.03
+	DIVERSION TO	LN25ND	48.	4.10	3.	1.	1.	0.03
+	HYDROGRAPH AT	LN25N	33.	4.27	2.	0.	0.	0.03
+	ROUTED TO	RN25N	23.	4.37	2.	0.	0.	0.03
+	2 COMBINED AT	CX3	127.	4.33	10.	3.	2.	0.55
+	DIVERSION TO	X3I	70.	4.33	5.	1.	1.	0.55
+	HYDROGRAPH AT	DX3O	57.	4.33	5.	1.	1.	0.55
+	ROUTED TO	RX3W	28.	4.87	5.	1.	1.	0.55
+	2 COMBINED AT	CN26	541.	5.17	161.	40.	29.	4.56
+	ROUTED TO	RN26	505.	5.43	158.	40.	29.	4.56
+	HYDROGRAPH AT	N25L	121.	4.17	11.	3.	2.	0.06
+	DIVERSION TO	LN25LD	5.	3.60	1.	0.	0.	0.06
+	HYDROGRAPH AT	LN25L	121.	4.17	11.	3.	2.	0.06
+	DIVERSION TO	N25LI	65.	4.17	6.	1.	1.	0.06
+	HYDROGRAPH AT	DN25L	56.	4.17	5.	1.	1.	0.06
+	ROUTED TO	RN25LW	47.	4.40	5.	1.	1.	0.06
+	HYDROGRAPH AT	N25K	210.	4.13	17.	4.	3.	0.09
+	DIVERSION TO	LN25KD	2.	3.07	1.	0.	0.	0.09
+	HYDROGRAPH AT	LN25K	210.	4.13	17.	4.	3.	0.09
+	2 COMBINED AT	CN25K	217.	4.13	22.	5.	4.	0.15
+	DIVERSION TO	N25KI	187.	4.13	15.	4.	3.	0.15
+	HYDROGRAPH AT	DN25K	30.	3.93	7.	2.	1.	0.15
+	ROUTED TO	RN25KW	30.	4.60	7.	2.	1.	0.15
+	HYDROGRAPH AT	N25J	206.	4.17	17.	4.	3.	0.10

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	DIVERSION TO	LN25JD	2.	3.23	1.	0.	0.	0.10
+	HYDROGRAPH AT	LN25J	206.	4.17	16.	4.	3.	0.10
+	3 COMBINED AT	CN25J	508.	5.40	174.	44.	32.	4.81
+	ROUTED TO	RN25J	489.	5.73	173.	44.	32.	4.81
+	HYDROGRAPH AT	N25G	119.	4.17	11.	3.	2.	0.06
+	HYDROGRAPH AT	DRN25K	187.	4.13	15.	4.	3.	0.15
+	ROUTED TO	RN25KS	108.	4.70	15.	4.	3.	0.15
+	2 COMBINED AT	CN25G	131.	4.67	26.	6.	5.	0.21
+	ROUTED TO	RN25G	96.	5.33	26.	6.	5.	0.21
+	HYDROGRAPH AT	N25I	228.	4.10	20.	5.	4.	0.12
+	3 COMBINED AT	CN25I	535.	5.73	202.	52.	37.	4.99
+	ROUTED TO	RN25I	524.	5.93	201.	52.	37.	4.99
	HYDROGRAPH AT	N25E	288.	4.23	45.	11.	8.	0.27
+	DIVERSION TO	LN25ED	288.	4.23	15.	4.	3.	0.27
+	HYDROGRAPH AT	LN25E	280.	4.30	30.	8.	5.	0.27
+	HYDROGRAPH AT	DRN25M	1116.	4.13	94.	24.	17.	0.53
+	ROUTED TO	RN25MS	776.	4.33	94.	24.	17.	0.53
+	HYDROGRAPH AT	DRX3	70.	4.33	5.	1.	1.	0.55
+	ROUTED TO	RX3S	48.	4.63	5.	1.	1.	0.55
+	3 COMBINED AT	CN25E	935.	4.37	125.	31.	23.	0.82
+	DIVERSION TO	N25EI	40.	3.90	17.	4.	3.	0.82
+	HYDROGRAPH AT	DN25E	895.	4.37	109.	27.	20.	0.82
+	ROUTED TO	RN25EW	774.	4.50	108.	27.	20.	0.82
+	HYDROGRAPH AT	N25F	204.	4.13	16.	4.	3.	0.09
+	HYDROGRAPH AT	DRN25L	65.	4.17	6.	1.	1.	0.06
	ROUTED TO							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		RN25LS	35.	4.87	6.	1.	1.	0.06
+	3 COMBINED AT	CN25F	803.	4.50	127.	32.	23.	0.97
+	ROUTED TO	RN25F	695.	4.73	126.	32.	23.	0.97
+	HYDROGRAPH AT	N25D	453.	4.10	38.	10.	7.	0.20
+	HYDROGRAPH AT	DRN25E	40.	3.90	17.	4.	3.	0.82
+	ROUTED TO	RN25ES	40.	5.13	17.	4.	3.	0.82
+	2 COMBINED AT	CN25D	462.	4.10	54.	14.	10.	0.20
+	DIVERSION TO	N25DI	253.	4.10	29.	7.	5.	0.20
+	HYDROGRAPH AT	DN25D	210.	4.10	25.	6.	5.	0.20
+	ROUTED TO	RN25DW	174.	4.30	25.	6.	5.	0.20
+	HYDROGRAPH AT	N25C	294.	4.13	32.	8.	6.	0.17
+	2 COMBINED AT	CN25C	433.	4.20	56.	14.	10.	0.37
+	DIVERSION TO	N25CI	162.	4.20	21.	5.	4.	0.37
+	HYDROGRAPH AT	DN25C	271.	4.20	35.	9.	6.	0.37
+	ROUTED TO	RN25CW	266.	4.23	35.	9.	6.	0.37
+	HYDROGRAPH AT	N25B	154.	4.17	21.	5.	4.	0.11
+	3 COMBINED AT	CN25B	792.	4.67	172.	43.	31.	1.45
+	DIVERSION TO	N25BI	297.	4.67	64.	16.	12.	1.45
+	HYDROGRAPH AT	DN25B	495.	4.67	108.	27.	20.	1.45
+	ROUTED TO	RN25BW	475.	4.80	108.	27.	20.	1.45
+	HYDROGRAPH AT	N25A	135.	4.27	18.	4.	3.	0.09
+	2 COMBINED AT	CN25A	519.	4.77	123.	31.	22.	1.55
+	DIVERSION TO	N25AI	346.	4.77	86.	22.	16.	1.55
+	HYDROGRAPH AT	DN25A	173.	4.77	37.	9.	7.	1.55
+	HYDROGRAPH AT	N25	281.	4.37	36.	9.	6.	0.24
+	DIVERSION TO	LN25D	281.	4.37	20.	5.	4.	0.24

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	HYDROGRAPH AT	LN25	188.	4.60	16.	4.	3.	0.24
+	HYDROGRAPH AT	N25H	86.	4.27	12.	3.	2.	0.07
+	4 COMBINED AT	CN25	507.	5.90	233.	60.	43.	6.85
+	ROUTED TO	RN25	464.	6.27	224.	58.	42.	6.85
+	HYDROGRAPH AT	N24B	136.	4.10	13.	3.	2.	0.07
+	HYDROGRAPH AT	DRN25D	253.	4.10	29.	7.	5.	0.20
+	ROUTED TO	RN25DS	183.	4.40	29.	7.	5.	0.20
+	2 COMBINED AT	CN24B	260.	4.30	42.	11.	8.	0.27
+	ROUTED TO	RN24B	257.	4.37	42.	11.	8.	0.27
+	HYDROGRAPH AT	DRN25C	162.	4.20	21.	5.	4.	0.37
+	ROUTED TO	RN25CS	155.	4.33	21.	5.	4.	0.37
+	2 COMBINED AT	CN24B*	393.	4.33	62.	16.	11.	0.64
	DIVERSION TO	N24BI	0.	4.33	0.	0.	0.	0.64
+	HYDROGRAPH AT	DN24B*	393.	4.33	62.	16.	11.	0.64
+	ROUTED TO	RN24BW	385.	4.40	62.	16.	11.	0.64
+	HYDROGRAPH AT	DRN25B	297.	4.67	64.	16.	12.	1.45
+	ROUTED TO	RN25BS	287.	4.83	64.	16.	12.	1.45
+	2 COMBINED AT	CN24C*	509.	4.57	119.	30.	22.	2.09
+	ROUTED TO	RN24C*	506.	4.60	119.	30.	22.	2.09
+	HYDROGRAPH AT	DRN25A	346.	4.77	86.	22.	16.	1.55
+	ROUTED TO	RN25AS	341.	4.83	86.	22.	16.	1.55
+	HYDROGRAPH AT	N24C	409.	4.10	39.	10.	7.	0.19
+	3 COMBINED AT	CN24C	792.	4.60	222.	57.	41.	3.73
+	ROUTED TO	RN24C	773.	4.77	222.	57.	41.	3.73
+	HYDROGRAPH AT	N24	280.	4.13	29.	7.	5.	0.11
	HYDROGRAPH AT							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		N24A	387.	4.17	59.	15.	11.	0.24
+	DIVERSION TO	LN24AD	387.	4.17	24.	6.	4.	0.24
+	HYDROGRAPH AT	LN24A	378.	4.23	35.	9.	6.	0.24
+	HYDROGRAPH AT	DRN24B	0.	4.33	0.	0.	0.	0.64
+	ROUTED TO	RN24BS	0.	4.50	0.	0.	0.	0.64
+	HYDROGRAPH AT	A21A	236.	4.07	19.	5.	3.	0.08
+	ROUTED TO	RA21A	213.	4.17	19.	5.	3.	0.08
+	2 COMBINED AT	X30	192.	4.17	19.	5.	3.	0.72
+	DIVERSION TO	X30I	29.	3.80	8.	2.	1.	0.72
+	HYDROGRAPH AT	DX30	164.	4.17	11.	3.	2.	0.72
+	ROUTED TO	RX30W	117.	4.30	11.	3.	2.	0.72
+	6 COMBINED AT	CN24	1047.	4.70	447.	123.	90.	10.60
+	ROUTED TO	RN24	1018.	4.97	445.	123.	90.	10.60
+	HYDROGRAPH AT	DRX30	29.	3.80	8.	2.	1.	0.72
+	ROUTED TO	RX30S	26.	4.67	8.	2.	1.	0.72
+	HYDROGRAPH AT	N23A	1021.	4.13	108.	27.	19.	0.49
+	DIVERSION TO	LN23AD	623.	3.97	29.	7.	5.	0.49
+	HYDROGRAPH AT	LN23A	1021.	4.13	79.	20.	14.	0.49
+	2 COMBINED AT	CN23A	852.	4.13	82.	20.	15.	1.13
+	DIVERSION TO	N23AI	204.	4.13	20.	5.	4.	1.13
+	HYDROGRAPH AT	DN23A	648.	4.13	62.	15.	11.	1.13
+	ROUTED TO	RN23AW	513.	4.37	62.	15.	11.	1.13
+	HYDROGRAPH AT	N23	448.	4.30	80.	20.	15.	0.39
+	HYDROGRAPH AT	DRN21D	185.	4.67	36.	9.	7.	1.60
+	ROUTED TO	RN21DE	159.	5.27	36.	9.	7.	1.60
+	4 COMBINED AT	CN23	1364.	4.87	549.	151.	111.	13.72

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	ROUTED TO	RN23	1311.	5.20	547.	151.	110.	13.72
+	HYDROGRAPH AT	A21C	143.	4.03	12.	3.	2.	0.05
+	ROUTED TO	A21CRR	62.	4.23	11.	3.	2.	0.05
+	ROUTED TO	RA21C	61.	4.27	11.	3.	2.	0.05
+	HYDROGRAPH AT	A21D	63.	4.03	5.	1.	1.	0.02
+	ROUTED TO	RA21D	61.	4.07	5.	1.	1.	0.02
+	HYDROGRAPH AT	A21E	197.	4.00	15.	4.	3.	0.06
+	2 COMBINED AT	CA21E	254.	4.00	20.	5.	4.	0.08
+	ROUTED TO	A21ERR	194.	4.07	20.	5.	4.	0.08
+	DIVERSION TO	A21EI	58.	4.07	6.	1.	1.	0.08
+	HYDROGRAPH AT	DA21E	136.	4.07	14.	4.	3.	0.08
+	ROUTED TO	RA21ES	132.	4.13	14.	4.	3.	0.08
+	HYDROGRAPH AT	A21K	198.	4.03	15.	4.	3.	0.07
+	3 COMBINED AT	CA21K	344.	4.07	40.	10.	7.	0.20
+	ROUTED TO	A21KRR	297.	4.13	40.	10.	7.	0.20
+	HYDROGRAPH AT	A21L	64.	4.07	6.	2.	1.	0.03
+	2 COMBINED AT	CA21L	354.	4.13	46.	12.	9.	0.23
+	ROUTED TO	A21LRR	262.	4.30	94.	79.	78.	0.23
+	ROUTED TO	RA21L	260.	4.37	94.	79.	77.	0.23
+	HYDROGRAPH AT	A21M	19.	4.20	4.	1.	1.	0.02
+	ROUTED TO	A21MRR	0.	0.03	0.	0.	0.	0.02
+	ROUTED TO	RA21M	0.	0.03	0.	0.	0.	0.02
+	HYDROGRAPH AT	DA21EW	58.	4.07	6.	1.	1.	0.08
+	HYDROGRAPH AT	A21F	152.	4.03	13.	3.	2.	0.05
+	ROUTED TO	RA21F	151.	4.03	13.	3.	2.	0.05
	ROUTED TO							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		RA21F	149.	4.07	13.	3.	2.	0.05
+	HYDROGRAPH AT	A21G	128.	4.00	11.	3.	2.	0.04
+	3 COMBINED AT	CA21G	330.	4.03	29.	7.	5.	0.16
+	ROUTED TO	A21GRR	290.	4.10	29.	7.	5.	0.16
+	HYDROGRAPH AT	A21H	24.	4.00	2.	0.	0.	0.01
+	2 COMBINED AT	CA21H	304.	4.10	31.	8.	6.	0.17
+	ROUTED TO	A21HRR	249.	4.20	30.	8.	6.	0.17
+	HYDROGRAPH AT	A21I	119.	4.03	9.	2.	2.	0.04
+	ROUTED TO	RA21I	114.	4.07	9.	2.	2.	0.04
+	HYDROGRAPH AT	A21J	333.	4.03	27.	7.	5.	0.11
+	3 COMBINED AT	CA21J	622.	4.07	66.	17.	12.	0.32
+	ROUTED TO	A21JRR	583.	4.13	66.	17.	12.	0.32
+	ROUTED TO	RA21J	562.	4.20	66.	17.	12.	0.32
+	HYDROGRAPH AT	A21N	733.	4.03	55.	14.	10.	0.26
+	4 COMBINED AT	CA21N	1154.	4.10	210.	108.	99.	0.75
+	ROUTED TO	A21NRR	1110.	4.20	208.	108.	96.	0.75
+	HYDROGRAPH AT	A21O	34.	4.03	3.	1.	1.	0.01
+	2 COMBINED AT	CA21O	1120.	4.20	211.	108.	97.	0.76
+	ROUTED TO	A21ORR	886.	4.27	211.	108.	97.	0.76
+	HYDROGRAPH AT	A21U	357.	4.07	32.	8.	6.	0.14
+	DIVERSION TO	A21UR	64.	3.70	4.	1.	1.	0.14
+	HYDROGRAPH AT	LA21U	357.	4.07	28.	7.	5.	0.14
+	2 COMBINED AT	CA21U	1021.	4.23	236.	115.	101.	0.90
+	ROUTED TO	A21URR	546.	4.80	233.	114.	99.	0.90
+	DIVERSION TO	DA21US	15.	1.33	15.	15.	15.	0.90
+	HYDROGRAPH AT	DA21U	531.	4.80	218.	99.	84.	0.90

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	HYDROGRAPH AT	N21A36	21.	4.13	3.	1.	0.	0.02
+	HYDROGRAPH AT	N21AP3	11.	4.13	2.	1.	0.	0.01
+	3 COMBINED AT	C21AP3	538.	4.77	222.	100.	84.	0.92
+	ROUTED TO	L21AP3	537.	4.83	222.	100.	84.	0.92
+	HYDROGRAPH AT	N21A25	11.	4.03	1.	0.	0.	0.00
+	ROUTED TO	R21A25	11.	4.10	1.	0.	0.	0.00
+	HYDROGRAPH AT	N21A24	10.	4.17	2.	0.	0.	0.02
+	HYDROGRAPH AT	N21A26	25.	4.20	4.	1.	1.	0.03
+	HYDROGRAPH AT	N21A27	2.	4.17	0.	0.	0.	0.00
+	4 COMBINED AT	C21A27	47.	4.17	8.	2.	1.	0.05
+	ROUTED TO	L21A27	33.	4.43	5.	2.	1.	0.05
+	HYDROGRAPH AT	N21A23	26.	4.20	4.	1.	1.	0.03
+	ROUTED TO	R21A23	25.	4.33	4.	1.	1.	0.03
+	HYDROGRAPH AT	N21A28	1.	4.93	0.	0.	0.	0.01
+	HYDROGRAPH AT	N21A29	13.	4.23	3.	1.	1.	0.02
+	4 COMBINED AT	C21A28	68.	4.43	12.	4.	3.	0.10
+	ROUTED TO	L2A281	58.	4.53	9.	3.	2.	0.10
+	ROUTED TO	L2A282	38.	4.80	9.	5.	5.	0.10
+	HYDROGRAPH AT	N21A32	2.	4.20	0.	0.	0.	0.00
+	2 COMBINED AT	C21A32	39.	4.80	9.	5.	5.	0.11
+	ROUTED TO	L2A283	39.	4.80	9.	5.	5.	0.11
+	HYDROGRAPH AT	N21A31	24.	4.10	3.	1.	1.	0.02
+	HYDROGRAPH AT	N21A33	35.	4.23	6.	2.	1.	0.04
+	3 COMBINED AT	C21A33	61.	4.17	17.	7.	6.	0.16
+	HYDROGRAPH AT	N21A22	8.	4.17	2.	1.	0.	0.01
	HYDROGRAPH AT							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		DRN23A	204.	4.13	20.	5.	4.	1.13
+	ROUTED TO	RN23AS	160.	4.77	20.	5.	4.	1.13
+	2 COMBINED AT	C21A22	197.	4.73	24.	6.	4.	0.01
+	DIVERSION TO	21A22I	194.	4.73	22.	5.	4.	0.01
+	HYDROGRAPH AT	D21A22	3.	3.77	2.	1.	0.	0.01
+	HYDROGRAPH AT	N21A30	25.	4.17	4.	1.	1.	0.02
+	HYDROGRAPH AT	N21AP1	9.	4.63	4.	1.	1.	0.02
+	4 COMBINED AT	C21AP1	94.	4.20	27.	10.	8.	0.21
+	ROUTED TO	L21AP1	56.	5.10	26.	10.	8.	0.21
+	HYDROGRAPH AT	N21AP2	21.	4.13	3.	1.	0.	0.01
+	2 COMBINED AT	C21AP2	58.	5.07	29.	10.	9.	0.22
+	ROUTED TO	L21AP2	58.	5.07	29.	10.	9.	0.22
+	HYDROGRAPH AT	N21A37	18.	4.13	2.	1.	0.	0.01
+	3 COMBINED AT	C21APA	574.	4.83	245.	109.	92.	1.16
+	HYDROGRAPH AT	N21A34	22.	4.10	3.	1.	0.	0.02
+	HYDROGRAPH AT	N21A35	19.	4.10	2.	0.	0.	0.01
+	HYDROGRAPH AT	N21AP5	13.	4.10	2.	0.	0.	0.01
+	ROUTED TO	L21AP5	1.	4.97	1.	0.	0.	0.01
+	HYDROGRAPH AT	N21AP4	40.	4.20	7.	2.	1.	0.03
+	5 COMBINED AT	C21APB	591.	4.80	253.	111.	94.	1.23
+	ROUTED TO	L21AP4	555.	5.17	253.	111.	93.	1.23
+	HYDROGRAPH AT	N21A39	8.	4.37	3.	1.	1.	0.01
+	HYDROGRAPH AT	DR2122	194.	4.73	22.	5.	4.	0.01
+	ROUTED TO	R21A22	172.	4.97	22.	5.	4.	0.01
+	3 COMBINED AT	C21A39	696.	5.03	275.	117.	97.	1.24
+	ROUTED TO	R21A39	694.	5.07	275.	117.	97.	1.24

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	HYDROGRAPH AT	N21A40	45.	4.23	8.	2.	1.	0.05
+	2 COMBINED AT	C21A40	702.	5.07	280.	118.	98.	1.29
+	HYDROGRAPH AT	N21A41	27.	4.20	5.	1.	1.	0.03
+	HYDROGRAPH AT	N21A42	21.	4.20	3.	1.	1.	0.02
+	HYDROGRAPH AT	N21A43	5.	4.10	0.	0.	0.	0.00
+	4 COMBINED AT	C21A42	709.	5.07	286.	119.	99.	1.34
+	ROUTED TO	L21A43	724.	5.07	285.	119.	98.	1.34
+	HYDROGRAPH AT	A21P	79.	4.10	10.	2.	2.	0.04
+	ROUTED TO	A21PRR	16.	3.93	9.	2.	2.	0.04
+	ROUTED TO	RA21P	16.	4.00	9.	2.	2.	0.04
+	HYDROGRAPH AT	A21V	116.	4.03	8.	2.	2.	0.04
+	DIVERSION TO	A21VR	116.	4.03	8.	2.	2.	0.04
	HYDROGRAPH AT	LA21V	0.	0.03	0.	0.	0.	0.04
+	HYDROGRAPH AT	A21Q	71.	4.10	10.	3.	2.	0.04
+	3 COMBINED AT	CA21Q	87.	4.10	19.	5.	4.	0.11
+	ROUTED TO	A21QRR	81.	4.20	19.	5.	4.	0.11
+	HYDROGRAPH AT	A21R	22.	4.03	2.	1.	0.	0.01
+	2 COMBINED AT	CA21R	95.	4.13	21.	5.	4.	0.12
+	ROUTED TO	A21RRR	91.	4.23	21.	5.	4.	0.12
+	HYDROGRAPH AT	A21S	37.	4.07	4.	1.	1.	0.01
+	2 COMBINED AT	CA21S	116.	4.17	25.	6.	5.	0.14
+	ROUTED TO	A21SRR	113.	4.23	25.	6.	5.	0.14
+	HYDROGRAPH AT	A21T	107.	4.03	10.	2.	2.	0.04
+	2 COMBINED AT	CA21T	187.	4.10	34.	9.	6.	0.18
+	ROUTED TO	A21TRR	20.	6.27	17.	9.	6.	0.18
	ROUTED TO							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		RA21T	20.	6.30	17.	9.	6.	0.18
+	HYDROGRAPH AT	A21AE	156.	4.00	12.	3.	2.	0.05
+	DIVERSION TO	A21AER	149.	3.97	7.	2.	1.	0.05
+	HYDROGRAPH AT	LA21AE	155.	4.03	5.	1.	1.	0.05
+	HYDROGRAPH AT	A21AF	12.	4.03	1.	0.	0.	0.00
+	DIVERSION TO	A21AFR	12.	4.03	1.	0.	0.	0.00
+	HYDROGRAPH AT	LA21AF	6.	4.17	0.	0.	0.	0.00
+	HYDROGRAPH AT	A21X	41.	4.07	4.	1.	1.	0.02
+	DIVERSION TO	A21XR	41.	4.07	4.	1.	1.	0.02
+	HYDROGRAPH AT	LA21X	0.	0.03	0.	0.	0.	0.02
+	HYDROGRAPH AT	A21W	31.	4.07	3.	1.	0.	0.02
+	DIVERSION TO	A21WR	31.	4.07	3.	1.	0.	0.02
+	HYDROGRAPH AT	LA21W	0.	0.03	0.	0.	0.	0.02
+	5 COMBINED AT	CA21AE	171.	4.03	22.	10.	7.	0.27
+	HYDROGRAPH AT	A21Y	142.	4.03	13.	3.	2.	0.05
+	DIVERSION TO	A21YR	142.	4.03	7.	2.	1.	0.05
+	HYDROGRAPH AT	LA21Y	130.	4.10	6.	1.	1.	0.05
+	HYDROGRAPH AT	A21Z	184.	4.03	15.	4.	3.	0.06
+	DIVERSION TO	A21ZR	184.	4.03	9.	2.	2.	0.06
+	HYDROGRAPH AT	LA21Z	141.	4.13	6.	2.	1.	0.06
+	ROUTED TO	RA21Z	122.	4.17	6.	2.	1.	0.06
+	HYDROGRAPH AT	A21AB	118.	4.03	11.	3.	2.	0.04
+	DIVERSION TO	A21ABR	118.	4.03	7.	2.	1.	0.04
+	HYDROGRAPH AT	LA21AB	95.	4.10	4.	1.	1.	0.04
+	3 COMBINED AT	CA21AB	286.	4.17	15.	4.	3.	0.15
+	ROUTED TO	RA21AB	242.	4.20	15.	4.	3.	0.15

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	HYDROGRAPH AT	A21AC	77.	4.00	7.	2.	1.	0.02
+	DIVERSION TO	A21ACR	77.	4.00	5.	1.	1.	0.02
+	HYDROGRAPH AT	LA21AC	65.	4.07	2.	1.	0.	0.02
+	HYDROGRAPH AT	A21AA	37.	4.00	3.	1.	1.	0.01
+	DIVERSION TO	A21AAR	33.	3.93	2.	0.	0.	0.01
+	HYDROGRAPH AT	LA21AA	37.	4.00	1.	0.	0.	0.01
+	HYDROGRAPH AT	A21AD	140.	4.07	14.	4.	3.	0.05
+	DIVERSION TO	A21ADR	140.	4.07	8.	2.	1.	0.05
+	HYDROGRAPH AT	LA21AD	126.	4.13	7.	2.	1.	0.05
+	4 COMBINED AT	CA21AD	383.	4.17	25.	6.	5.	0.24
+	ROUTED TO	RA21AD	345.	4.23	24.	6.	4.	0.24
+	2 COMBINED AT	A21AEC	408.	4.20	46.	16.	12.	0.51
	ROUTED TO	RA21AE	379.	4.23	46.	16.	12.	0.51
+	HYDROGRAPH AT	A21AG	95.	4.03	7.	2.	1.	0.03
+	DIVERSION TO	A21AGR	94.	4.00	5.	1.	1.	0.03
+	HYDROGRAPH AT	LA21AG	87.	4.07	3.	1.	0.	0.03
+	2 COMBINED AT	CA21AG	401.	4.23	48.	17.	12.	0.54
+	ROUTED TO	RA21AG	386.	4.27	48.	17.	12.	0.54
+	HYDROGRAPH AT	A21AH	75.	4.03	6.	1.	1.	0.03
+	DIVERSION TO	A21AHR	75.	4.03	4.	1.	1.	0.03
+	HYDROGRAPH AT	LA21AH	57.	4.10	2.	1.	0.	0.03
+	HYDROGRAPH AT	A21AI	21.	4.03	2.	0.	0.	0.01
+	DIVERSION TO	A21AIR	21.	4.03	1.	0.	0.	0.01
+	HYDROGRAPH AT	LA21AI	16.	4.10	1.	0.	0.	0.01
	HYDROGRAPH AT	A21AJ	28.	4.03	3.	1.	0.	0.01
	DIVERSION TO							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		A21AIR	28.	4.03	2.	1.	0.	0.01
+	HYDROGRAPH AT	LA21AI	8.	4.40	0.	0.	0.	0.01
+	3 COMBINED AT	CA21AJ	72.	4.10	3.	1.	1.	0.04
+	HYDROGRAPH AT	A21AK	141.	4.03	13.	3.	2.	0.04
+	DIVERSION TO	A21AKR	141.	4.03	9.	2.	2.	0.04
+	HYDROGRAPH AT	LA21AK	106.	4.10	4.	1.	1.	0.04
+	HYDROGRAPH AT	DA21US	15.	1.33	15.	15.	15.	0.90
+	ROUTED TO	RA21US	15.	1.53	15.	15.	15.	0.90
+	HYDROGRAPH AT	N21A38	23.	4.17	4.	1.	1.	0.02
+	ROUTED TO	L21A38	17.	4.43	2.	1.	0.	0.02
+	ROUTED TO	R21A38	15.	4.73	2.	1.	0.	0.02
+	5 COMBINED AT	CN21B	444.	4.27	71.	33.	28.	0.65
+	ROUTED TO	RN21B	434.	4.30	71.	33.	28.	0.65
+	HYDROGRAPH AT	N21A44	38.	4.13	6.	1.	1.	0.03
+	ROUTED TO	L21A44	0.	0.03	0.	0.	0.	0.03
+	ROUTED TO	R21A44	0.	0.03	0.	0.	0.	0.03
+	HYDROGRAPH AT	N21A90	8.	4.43	3.	1.	1.	0.01
+	4 COMBINED AT	C21A43	788.	5.00	343.	149.	124.	2.03
+	ROUTED TO	R21A43	774.	5.13	343.	149.	123.	2.03
+	HYDROGRAPH AT	N21A19	9.	4.10	1.	0.	0.	0.01
+	HYDROGRAPH AT	N21A91	6.	4.20	2.	0.	0.	0.00
+	3 COMBINED AT	C21A91	777.	5.13	345.	150.	123.	2.04
+	ROUTED TO	R21A91	775.	5.17	345.	150.	123.	2.04
+	HYDROGRAPH AT	N21A4	12.	4.10	1.	0.	0.	0.01
+	DIVERSION TO	21A4I	5.	4.10	1.	0.	0.	0.01
+	HYDROGRAPH AT	D21A4	7.	4.10	1.	0.	0.	0.01

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	HYDROGRAPH AT	N21A2	11.	4.13	1.	0.	0.	0.01
+	HYDROGRAPH AT	N21A3	17.	4.13	3.	1.	0.	0.02
+	3 COMBINED AT	C21A3	36.	4.13	5.	1.	1.	0.03
+	ROUTED TO	R21A3	34.	4.20	5.	1.	1.	0.03
+	HYDROGRAPH AT	N21A1	38.	4.10	5.	1.	1.	0.02
+	ROUTED TO	R21A1	37.	4.20	5.	1.	1.	0.02
+	HYDROGRAPH AT	N21A5	5.	4.30	1.	0.	0.	0.01
+	3 COMBINED AT	C21A5	76.	4.20	11.	3.	2.	0.07
+	ROUTED TO	R21A5	75.	4.27	11.	3.	2.	0.07
+	HYDROGRAPH AT	DR21A4	5.	4.10	1.	0.	0.	0.01
+	ROUTED TO	R21A4	5.	4.20	1.	0.	0.	0.01
+	HYDROGRAPH AT	N21A6	29.	4.10	3.	1.	1.	0.02
+	2 COMBINED AT	C21A6	33.	4.13	4.	1.	1.	0.02
+	ROUTED TO	R21A6	32.	4.20	4.	1.	1.	0.02
+	HYDROGRAPH AT	N21A7	19.	4.10	2.	1.	0.	0.01
+	ROUTED TO	R21A7	16.	4.43	2.	1.	0.	0.01
+	HYDROGRAPH AT	N21A8	0.	0.03	0.	0.	0.	0.01
+	4 COMBINED AT	C21A8	116.	4.27	17.	4.	3.	0.11
+	ROUTED TO	L21A8	3.	6.27	3.	2.	2.	0.11
+	ROUTED TO	R21A8	3.	6.43	3.	2.	2.	0.11
+	HYDROGRAPH AT	N21A9	33.	4.13	4.	1.	1.	0.03
+	ROUTED TO	R21A9	31.	4.27	4.	1.	1.	0.03
+	HYDROGRAPH AT	N21A10	60.	4.13	7.	2.	1.	0.05
+	HYDROGRAPH AT	N21A11	9.	4.23	2.	0.	0.	0.01
+	HYDROGRAPH AT	N21A12	12.	4.17	2.	1.	0.	0.01
	5 COMBINED AT							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		C21A11	108.	4.20	17.	6.	5.	0.21
+	ROUTED TO	L21A11	78.	4.53	17.	6.	5.	0.21
+	ROUTED TO	L21A14	51.	4.63	17.	6.	5.	0.21
+	ROUTED TO	R21A11	50.	4.63	17.	6.	5.	0.21
+	HYDROGRAPH AT	N21A14	30.	4.37	6.	2.	1.	0.06
+	2 COMBINED AT	C21A14	76.	4.63	23.	7.	6.	0.27
+	HYDROGRAPH AT	N21A13	28.	4.13	3.	1.	1.	0.02
+	HYDROGRAPH AT	N21A15	17.	4.13	2.	1.	0.	0.01
+	3 COMBINED AT	C21A15	91.	4.60	28.	9.	7.	0.30
+	ROUTED TO	L21A15	68.	4.87	28.	9.	7.	0.30
+	HYDROGRAPH AT	N21A17	6.	4.27	1.	0.	0.	0.01
+	ROUTED TO	L21A17	5.	4.60	1.	0.	0.	0.01
+	2 COMBINED AT	C21A17	72.	4.83	29.	9.	7.	0.32
+	HYDROGRAPH AT	N21A16	22.	4.20	4.	1.	1.	0.02
+	ROUTED TO	L21A16	22.	4.20	13.	12.	12.	0.02
+	2 COMBINED AT	C21A16	84.	4.83	42.	21.	19.	0.34
+	ROUTED TO	R21A16	84.	4.90	42.	21.	19.	0.34
+	HYDROGRAPH AT	N21A20	2.	4.17	0.	0.	0.	0.00
+	2 COMBINED AT	C21A20	85.	4.90	42.	21.	19.	0.34
+	ROUTED TO	L21A20	85.	4.90	42.	21.	19.	0.34
+	HYDROGRAPH AT	N21A18	27.	4.20	4.	1.	1.	0.03
+	2 COMBINED AT	C21A18	94.	4.83	46.	22.	20.	0.37
+	ROUTED TO	R21A18	94.	4.87	46.	22.	20.	0.37
+	HYDROGRAPH AT	N21A21	28.	4.10	3.	1.	1.	0.02
+	ROUTED TO	L21A21	11.	4.50	2.	1.	0.	0.02
+	HYDROGRAPH AT	N21A92	5.	4.30	2.	0.	0.	0.01

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	4 COMBINED AT	CN21A	776.	5.20	361.	164.	137.	3.72
+	ROUTED TO	RN21A	774.	5.30	361.	164.	136.	3.72
+	HYDROGRAPH AT	N21	850.	4.30	153.	38.	28.	0.62
+	DIVERSION TO	LN21DX	34.	3.20	9.	2.	2.	0.62
+	HYDROGRAPH AT	LN21	850.	4.30	144.	36.	26.	0.62
+	4 COMBINED AT	CN21	2977.	5.10	1178.	383.	298.	15.37
+	HYDROGRAPH AT	A09U	483.	4.10	38.	10.	7.	0.17
+	DIVERSION TO	LA09UD	174.	3.87	9.	2.	2.	0.17
+	HYDROGRAPH AT	LA09U	483.	4.10	29.	7.	5.	0.17
+	DIVERSION TO	A09UI	97.	4.10	6.	1.	1.	0.17
+	HYDROGRAPH AT	DA09U	386.	4.10	23.	6.	4.	0.17
+	ROUTED TO	RA09US	267.	4.33	23.	6.	4.	0.17
	HYDROGRAPH AT	N11N	726.	4.03	49.	12.	9.	0.26
+	DIVERSION TO	LN11ND	7.	3.13	2.	0.	0.	0.26
+	HYDROGRAPH AT	LN11N	726.	4.03	47.	12.	8.	0.26
+	DIVERSION TO	N11NI	686.	4.03	43.	11.	8.	0.26
+	HYDROGRAPH AT	DN11N	40.	4.03	4.	1.	1.	0.26
+	ROUTED TO	RN11NW	28.	4.57	4.	1.	1.	0.26
+	HYDROGRAPH AT	N11O	127.	4.13	10.	2.	2.	0.05
+	DIVERSION TO	LN11OD	125.	4.10	5.	1.	1.	0.05
+	HYDROGRAPH AT	LN11O	120.	4.17	5.	1.	1.	0.05
+	DIVERSION TO	N11OI	12.	4.17	0.	0.	0.	0.05
+	HYDROGRAPH AT	DN11O	108.	4.17	4.	1.	1.	0.05
+	ROUTED TO	RN11OS	35.	4.80	4.	1.	1.	0.05
+	HYDROGRAPH AT	N11M	246.	4.13	17.	4.	3.	0.10
	DIVERSION TO							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		LN11MD	242.	4.10	10.	2.	2.	0.10
+	HYDROGRAPH AT	LN11M	232.	4.17	7.	2.	1.	0.10
+	4 COMBINED AT	CN11M	391.	4.23	39.	10.	7.	0.32
+	DIVERSION TO	N11MI	98.	4.23	10.	2.	2.	0.32
+	HYDROGRAPH AT	DN11M	293.	4.23	29.	7.	5.	0.32
+	ROUTED TO	RN11MS	225.	4.57	29.	7.	5.	0.32
+	HYDROGRAPH AT	N11K	309.	4.17	31.	8.	6.	0.19
+	DIVERSION TO	LN11KD	57.	3.87	2.	1.	0.	0.19
+	HYDROGRAPH AT	LN11K	309.	4.17	29.	7.	5.	0.19
+	HYDROGRAPH AT	DRN11N	686.	4.03	43.	11.	8.	0.26
+	ROUTED TO	RN11NS	538.	4.23	43.	11.	8.	0.26
+	2 COMBINED AT	CN11K	831.	4.20	72.	18.	13.	0.45
+	DIVERSION TO	N11KI	804.	4.20	70.	18.	13.	0.45
+	HYDROGRAPH AT	DN11K	26.	4.20	2.	0.	0.	0.45
+	ROUTED TO	RN11KW	13.	4.57	2.	0.	0.	0.45
+	HYDROGRAPH AT	N11J	495.	4.10	41.	10.	7.	0.24
+	DIVERSION TO	LN11JD	78.	3.80	4.	1.	1.	0.24
+	HYDROGRAPH AT	LN11J	495.	4.10	37.	9.	7.	0.24
+	3 COMBINED AT	CN11J	481.	4.10	67.	17.	12.	0.56
+	DIVERSION TO	N11JI	30.	4.13	8.	2.	1.	0.56
+	HYDROGRAPH AT	DN11J	451.	4.10	59.	15.	11.	0.56
+	ROUTED TO	RN11JS	325.	4.63	59.	15.	11.	0.56
+	HYDROGRAPH AT	N11G	920.	4.33	107.	27.	19.	0.52
+	DIVERSION TO	LN11GD	920.	4.33	61.	15.	11.	0.52
+	HYDROGRAPH AT	LN11G	772.	4.43	47.	12.	8.	0.52
+	2 COMBINED AT	CN11G	770.	4.57	94.	23.	17.	1.08

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	DIVERSION TO	N11GI	0.	4.57	0.	0.	0.	1.08
+	HYDROGRAPH AT	DN11G	770.	4.57	94.	23.	17.	1.08
+	ROUTED TO	RN11GS	575.	4.83	94.	23.	17.	1.08
+	HYDROGRAPH AT	N11F	534.	4.23	51.	13.	9.	0.24
+	DIVERSION TO	LN11FD	534.	4.23	29.	7.	5.	0.24
+	HYDROGRAPH AT	LN11F	467.	4.30	22.	6.	4.	0.24
+	2 COMBINED AT	CN11F	605.	4.83	109.	27.	20.	1.33
+	ROUTED TO	RN11F	546.	5.07	109.	27.	20.	1.33
+	HYDROGRAPH AT	N11C	397.	4.20	51.	13.	9.	0.25
+	DIVERSION TO	LN11CD	397.	4.20	26.	7.	5.	0.25
+	HYDROGRAPH AT	LN11C	340.	4.33	25.	6.	5.	0.25
+	2 COMBINED AT	CN11C	575.	5.07	125.	31.	23.	1.58
	DIVERSION TO	N11CWI	29.	5.03	2.	1.	0.	1.58
+	HYDROGRAPH AT	DN11CW	546.	5.07	122.	31.	22.	1.58
+	DIVERSION TO	N11CEI	20.	5.07	9.	2.	2.	1.58
+	HYDROGRAPH AT	DN11CE	526.	5.07	113.	28.	20.	1.58
+	HYDROGRAPH AT	DRN11C	29.	5.03	2.	1.	0.	1.58
+	ROUTED TO	LN11CW	1.	5.70	1.	0.	0.	1.58
+	HYDROGRAPH AT	DR11C*	20.	5.07	9.	2.	2.	1.58
+	ROUTED TO	LN11CE	4.	9.23	4.	2.	2.	1.58
+	3 COMBINED AT	CN11C*	529.	5.07	118.	31.	22.	1.58
+	HYDROGRAPH AT	DRN11K	804.	4.20	70.	18.	13.	0.45
+	ROUTED TO	RN11KS	567.	4.67	70.	18.	13.	0.45
+	DIVERSION TO	X5I	517.	4.67	61.	15.	11.	0.45
	HYDROGRAPH AT	DX5	50.	4.57	10.	2.	2.	0.45
	ROUTED TO							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		RX5W	49.	5.00	10.	2.	2.	0.45
+	HYDROGRAPH AT	N11H	740.	4.33	92.	23.	17.	0.44
+	DIVERSION TO	LN11HD	740.	4.33	50.	13.	9.	0.44
+	HYDROGRAPH AT	LN11H	622.	4.47	42.	11.	8.	0.44
+	2 COMBINED AT	CN11H	427.	4.60	48.	12.	9.	0.89
+	ROUTED TO	RN11HW	290.	5.07	48.	12.	9.	0.89
+	HYDROGRAPH AT	N11D	533.	4.33	108.	27.	20.	0.51
+	DIVERSION TO	LN11DD	533.	4.33	63.	16.	11.	0.51
+	HYDROGRAPH AT	LN11D	392.	4.73	46.	11.	8.	0.51
+	2 COMBINED AT	LN11D*	492.	5.03	82.	21.	15.	1.40
+	HYDROGRAPH AT	DRX5	517.	4.67	61.	15.	11.	0.45
+	ROUTED TO	RX5S	415.	5.10	61.	15.	11.	0.45
+	HYDROGRAPH AT	N11I	1106.	4.20	134.	34.	24.	0.62
+	HYDROGRAPH AT	DRN11L	479.	4.33	59.	15.	11.	0.68
+	ROUTED TO	RN11LS	342.	4.63	59.	15.	11.	0.68
+	HYDROGRAPH AT	DRN22A	106.	4.23	13.	3.	2.	0.37
+	ROUTED TO	RN22AW	90.	4.50	13.	3.	2.	0.37
+	3 COMBINED AT	CN11I	1105.	4.20	196.	51.	37.	1.30
+	DIVERSION TO	N11II	486.	4.20	90.	24.	17.	1.30
+	HYDROGRAPH AT	DN11I	486.	4.20	90.	24.	17.	1.30
+	ROUTED TO	RN11IS	450.	4.37	90.	24.	17.	1.30
+	HYDROGRAPH AT	DRN11I	486.	4.20	90.	24.	17.	1.30
+	ROUTED TO	RN11IW	436.	4.50	90.	24.	17.	1.30
+	2 COMBINED AT	CX50	878.	4.47	180.	47.	34.	1.30
+	ROUTED TO	LX50	825.	4.63	252.	171.	163.	1.30
+	DIVERSION TO	DX50I	599.	4.63	211.	157.	152.	1.30

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	HYDROGRAPH AT	DX50	226.	4.63	40.	14.	12.	1.30
+	ROUTED TO	RX50E	205.	4.83	40.	14.	12.	1.30
+	HYDROGRAPH AT	N22	720.	4.30	132.	33.	24.	0.47
+	DIVERSION TO	LN22D	720.	4.30	73.	18.	13.	0.47
+	HYDROGRAPH AT	LN22	606.	4.53	60.	15.	11.	0.47
+	2 COMBINED AT	CN22	660.	4.63	95.	28.	22.	1.77
+	DIVERSION TO	N22I	500.	4.63	89.	26.	20.	1.77
+	HYDROGRAPH AT	DN22	160.	4.63	6.	2.	1.	1.77
+	ROUTED TO	RN22W	76.	4.83	6.	2.	1.	1.77
+	HYDROGRAPH AT	DRX50I	599.	4.63	211.	157.	152.	1.30
+	ROUTED TO	RX50W	568.	4.87	211.	157.	150.	1.30
+	HYDROGRAPH AT	N11E	762.	4.23	112.	28.	20.	0.49
+	DIVERSION TO	LN11ED	762.	4.23	65.	16.	12.	0.49
+	HYDROGRAPH AT	LN11E	596.	4.47	48.	12.	9.	0.49
+	3 COMBINED AT	CN11E	912.	4.70	252.	167.	158.	1.79
+	DIVERSION TO	N11EI	500.	4.57	216.	158.	151.	1.79
+	HYDROGRAPH AT	DN11E	412.	4.70	36.	9.	7.	1.79
+	ROUTED TO	RN11EW	322.	4.90	36.	9.	7.	1.79
+	2 COMBINED AT	CX1	541.	5.00	80.	20.	14.	2.24
+	DIVERSION TO	X1I	538.	5.00	79.	20.	14.	2.24
+	HYDROGRAPH AT	DX1	3.	5.03	0.	0.	0.	2.24
+	ROUTED TO	RX1W	1.	5.70	0.	0.	0.	2.24
+	3 COMBINED AT	CN11D	885.	5.10	175.	45.	33.	2.97
+	ROUTED TO	RWBW1	803.	5.40	174.	45.	33.	2.97
+	HYDROGRAPH AT	WBW	831.	4.77	214.	55.	39.	1.00
	2 COMBINED AT							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		CWBW	1172.	5.33	354.	92.	66.	3.97
+	ROUTED TO	RBWB	25.	5.27	25.	25.	22.	3.97
+	ROUTED TO	RWBW2	25.	9.43	25.	25.	21.	3.97
+	HYDROGRAPH AT	DRN11E	500.	4.57	216.	158.	151.	1.79
+	ROUTED TO	R-WBE1	509.	4.60	216.	158.	151.	1.79
+	HYDROGRAPH AT	WB1	285.	4.20	32.	8.	6.	0.12
+	2 COMBINED AT	CPWB1	611.	4.60	246.	165.	156.	1.91
+	ROUTED TO	R-R3	575.	4.73	246.	165.	154.	1.91
+	HYDROGRAPH AT	WB2	156.	4.47	28.	7.	5.	0.10
+	2 COMBINED AT	CPWB2	684.	4.70	272.	172.	159.	2.01
+	ROUTED TO	R-4-5	683.	4.70	253.	167.	143.	2.01
+	HYDROGRAPH AT	WB3	35.	4.10	3.	1.	1.	0.01
+	2 COMBINED AT	CPWB3	686.	4.70	254.	167.	144.	2.02
+	ROUTED TO	R-6	682.	4.77	253.	167.	143.	2.02
+	HYDROGRAPH AT	DRN22	500.	4.63	89.	26.	20.	1.77
+	HYDROGRAPH AT	WB4	161.	4.13	16.	4.	3.	0.06
+	2 COMBINED AT	CPWB4	533.	4.63	103.	30.	23.	1.83
+	ROUTED TO	R-R1	545.	4.63	97.	30.	23.	1.83
+	HYDROGRAPH AT	WB5	178.	4.17	20.	5.	4.	0.08
+	2 COMBINED AT	CPWB5	596.	4.63	113.	35.	26.	1.91
+	ROUTED TO	R-R2	371.	5.20	59.	30.	24.	1.91
+	2 COMBINED AT	CPR6	886.	5.20	299.	194.	165.	3.93
+	ROUTED TO	RCR26	840.	5.30	298.	194.	164.	3.93
+	HYDROGRAPH AT	WB7	97.	4.10	10.	2.	2.	0.03
+	2 COMBINED AT	CR6W7	841.	5.30	300.	194.	166.	3.97
+	ROUTED TO	R-R7	840.	5.30	299.	194.	164.	3.97

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	HYDROGRAPH AT	WB6	178.	4.27	23.	6.	4.	0.08
+	ROUTED TO	R-R8	21.	5.10	18.	6.	4.	0.08
+	2 COMBINED AT	C7R8	857.	5.30	315.	199.	168.	4.05
+	ROUTED TO	RC78	847.	5.37	314.	199.	168.	4.05
+	HYDROGRAPH AT	WB8	103.	4.07	10.	3.	2.	0.03
+	2 COMBINED AT	CP-678	848.	5.37	316.	199.	169.	4.08
+	HYDROGRAPH AT	WB10	139.	4.17	14.	4.	3.	0.06
+	ROUTED TO	R-R9	24.	4.63	14.	4.	3.	0.06
+	2 COMBINED AT	WBEOT	866.	5.37	324.	201.	171.	4.14
+	DIVERSION TO	TONRI	100.	4.73	76.	59.	50.	4.14
+	HYDROGRAPH AT	DVNR	766.	5.37	248.	142.	121.	4.14
+	DIVERSION TO	DCLUB	163.	5.37	40.	15.	12.	4.14
+	HYDROGRAPH AT	CCLUB	603.	5.37	208.	127.	110.	4.14
+	ROUTED TO	RR287	602.	5.40	208.	127.	110.	4.14
+	DIVERSION TO	DV87SI	169.	5.40	42.	15.	12.	4.14
+	HYDROGRAPH AT	DV87S	433.	5.40	167.	112.	98.	4.14
+	ROUTED TO	RR289	430.	5.43	167.	112.	97.	4.14
+	DIVERSION TO	DV89I	143.	5.43	24.	6.	4.	4.14
+	HYDROGRAPH AT	DS89	288.	5.43	142.	106.	93.	4.14
+	ROUTED TO	TODET	286.	5.47	142.	106.	93.	4.14
+	DIVERSION TO	DV91I	167.	5.47	39.	10.	7.	4.14
+	HYDROGRAPH AT	DV91	119.	5.47	104.	96.	86.	4.14
+	HYDROGRAPH AT	WB9	627.	4.10	71.	18.	13.	0.28
+	ROUTED TO	R-R10	331.	4.37	23.	6.	4.	0.28
+	HYDROGRAPH AT	DRIX1	538.	5.00	79.	20.	14.	2.24
	ROUTED TO							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		RX1S	371.	5.43	79.	20.	14.	2.24
+	4 COMBINED AT	CN11B	414.	5.57	213.	148.	128.	6.49
+	ROUTED TO	RCP91	414.	5.60	213.	148.	128.	6.49
+	HYDROGRAPH AT	SB-G4a	142.	4.07	13.	3.	2.	0.06
+	HYDROGRAPH AT	DR91	167.	5.47	39.	10.	7.	4.14
+	ROUTED TO	R2DET	167.	5.50	39.	10.	7.	4.14
+	3 COMBINED AT	CPDET	486.	5.53	238.	155.	133.	10.63
+	ROUTED TO	S-DET	324.	6.33	230.	154.	137.	10.63
+	ROUTED TO	RDET	323.	6.37	230.	154.	137.	10.63
+	ROUTED TO	RN11BS	321.	6.67	230.	154.	135.	10.63
+	HYDROGRAPH AT	N11	1303.	4.30	248.	62.	45.	0.90
+	DIVERSION TO	LN11DX	1265.	4.23	91.	23.	16.	0.90
+	HYDROGRAPH AT	LN11	1303.	4.30	159.	40.	29.	0.90
+	HYDROGRAPH AT	DRV87	169.	5.40	42.	15.	12.	4.14
+	ROUTED TO	RDV87S	168.	5.43	42.	15.	12.	4.14
+	ROUTED TO	R-G1	167.	5.47	42.	15.	12.	4.14
+	DIVERSION TO	DX55I	142.	5.37	40.	15.	12.	4.14
+	HYDROGRAPH AT	DX55	25.	5.50	1.	0.	0.	4.14
+	DIVERSION TO	DX56I	20.	5.50	1.	0.	0.	4.14
+	HYDROGRAPH AT	DX56	5.	5.50	0.	0.	0.	4.14
+	ROUTED TO	DX56W	1.	5.87	0.	0.	0.	4.14
+	HYDROGRAPH AT	DRV89	143.	5.43	24.	6.	4.	4.14
+	ROUTED TO	RDV89S	116.	5.67	24.	6.	4.	4.14
+	ROUTED TO	RDV89E	99.	5.97	24.	6.	4.	4.14
+	4 COMBINED AT	CN11	1805.	4.30	497.	224.	186.	11.53
+	ROUTED TO	RN11	945.	4.63	369.	190.	160.	11.53

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	HYDROGRAPH AT	N10	591.	4.33	113.	29.	21.	0.49
+	DIVERSION TO	LN10D	127.	3.87	10.	3.	2.	0.49
+	HYDROGRAPH AT	LN10	591.	4.33	104.	26.	19.	0.49
+	HYDROGRAPH AT	S10R	35.	4.23	7.	2.	1.	0.03
+	DIVERSION TO	S10RI	22.	4.23	4.	1.	1.	0.03
+	HYDROGRAPH AT	DS10RO	13.	4.23	3.	1.	1.	0.03
+	ROUTED TO	RS10RS	8.	4.73	3.	1.	1.	0.03
+	3 COMBINED AT	CN10	1278.	4.63	439.	209.	175.	12.05
+	DIVERSION TO	N10I	33.	4.57	1.	0.	0.	12.05
+	HYDROGRAPH AT	DN10	1249.	4.63	437.	208.	175.	12.05
+	ROUTED TO	RN10E	1236.	4.77	437.	208.	174.	12.05
+	HYDROGRAPH AT	DR56	20.	5.50	1.	0.	0.	4.14
	ROUTED TO	RDR56	5.	5.70	1.	0.	0.	4.14
+	HYDROGRAPH AT	N09	1054.	4.23	170.	43.	31.	0.65
+	DIVERSION TO	LN09D	23.	1.27	3.	1.	1.	0.65
+	HYDROGRAPH AT	LN09	1054.	4.23	168.	42.	30.	0.65
+	3 COMBINED AT	CN09*	1637.	4.73	551.	239.	199.	12.70
+	HYDROGRAPH AT	CN21	2977.	5.10	1178.	383.	298.	15.37
+	ROUTED TO	RN21	2948.	5.37	1174.	383.	296.	15.37
+	HYDROGRAPH AT	DRTONR	100.	4.73	76.	59.	50.	4.14
+	HYDROGRAPH AT	N20	565.	4.23	91.	23.	16.	0.36
+	DIVERSION TO	LN20D	332.	4.00	19.	5.	3.	0.36
+	HYDROGRAPH AT	LN20	565.	4.23	72.	18.	13.	0.36
+	3 COMBINED AT	CN20	3113.	5.33	1289.	453.	355.	15.73
	ROUTED TO	RN20	3091.	5.57	1286.	452.	352.	15.73

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		N12	412.	4.57	119.	31.	22.	0.51
+	DIVERSION TO	LN12D	16.	3.30	4.	1.	1.	0.51
+	HYDROGRAPH AT	LN12	412.	4.57	118.	29.	21.	0.51
+	HYDROGRAPH AT	N13	194.	5.10	119.	36.	26.	0.50
+	DIVERSION TO	LN13D	86.	4.20	10.	3.	2.	0.50
+	HYDROGRAPH AT	LN13	194.	5.10	118.	34.	24.	0.50
+	3 COMBINED AT	CN12	3376.	5.53	1448.	499.	387.	16.73
+	ROUTED TO	RN12	3275.	5.80	1441.	499.	385.	16.73
+	2 COMBINED AT	CN09+	3468.	5.77	1793.	689.	550.	26.16
+	ROUTED TO	RN09*	3464.	5.83	1792.	689.	549.	26.16
+	HYDROGRAPH AT	N19E	913.	4.50	140.	35.	25.	0.70
+	DIVERSION TO	LN19ED	913.	4.50	82.	21.	15.	0.70
+	HYDROGRAPH AT	LN19E	612.	4.70	59.	15.	11.	0.70
+	HYDROGRAPH AT	N19F	383.	4.57	70.	18.	13.	0.37
+	DIVERSION TO	LN19FD	383.	4.57	39.	10.	7.	0.37
+	HYDROGRAPH AT	LN19F	270.	4.90	31.	8.	6.	0.37
+	2 COMBINED AT	CN19E	647.	4.87	80.	20.	14.	1.08
+	ROUTED TO	RN19E	561.	5.13	80.	20.	14.	1.08
+	HYDROGRAPH AT	N19D	710.	4.23	84.	21.	15.	0.39
+	DIVERSION TO	LN19DD	710.	4.23	48.	12.	9.	0.39
+	HYDROGRAPH AT	LN19D	538.	4.40	36.	9.	7.	0.39
+	2 COMBINED AT	CN19D	576.	5.13	105.	26.	19.	1.47
+	ROUTED TO	RN19D	453.	5.57	105.	26.	19.	1.47
+	HYDROGRAPH AT	N19C	1658.	4.10	160.	40.	29.	0.76
+	DIVERSION TO	LN19CD	28.	2.90	8.	2.	1.	0.76
+	HYDROGRAPH AT	LN19C	1658.	4.10	152.	38.	27.	0.76

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	2 COMBINED AT	CN19C	1142.	4.10	234.	59.	42.	2.23
+	ROUTED TO	RN19C	966.	4.27	233.	59.	42.	2.23
+	HYDROGRAPH AT	N19B	865.	4.07	66.	16.	12.	0.32
+	2 COMBINED AT	CN19B	1238.	4.23	282.	72.	52.	2.54
+	ROUTED TO	RN19B	1047.	4.57	281.	72.	52.	2.54
+	HYDROGRAPH AT	N19A	903.	4.13	104.	26.	19.	0.47
+	HYDROGRAPH AT	A21B	42.	4.13	5.	1.	1.	0.02
+	ROUTED TO	RA21B	41.	4.23	5.	1.	1.	0.02
+	3 COMBINED AT	CN19A	1388.	4.47	364.	94.	68.	3.04
+	ROUTED TO	397RR	1171.	4.73	361.	94.	68.	3.04
+	HYDROGRAPH AT	398A	314.	4.07	27.	7.	5.	0.10
+	HYDROGRAPH AT	398B	197.	4.20	38.	9.	7.	0.14
	3 COMBINED AT	C398B	1289.	4.70	410.	108.	78.	3.28
+	ROUTED TO	398BRR	1107.	4.97	404.	108.	78.	3.28
+	DIVERSION TO	398BI	369.	4.97	135.	36.	26.	3.28
+	HYDROGRAPH AT	D398B	738.	4.97	270.	72.	52.	3.28
+	DIVERSION TO	398BSI	369.	4.97	135.	36.	26.	3.28
+	HYDROGRAPH AT	D398BE	369.	4.97	135.	36.	26.	3.28
+	HYDROGRAPH AT	398D	274.	4.03	22.	6.	4.	0.08
+	HYDROGRAPH AT	398E	336.	4.10	28.	7.	5.	0.11
+	HYDROGRAPH AT	398F	214.	4.33	59.	15.	11.	0.20
+	4 COMBINED AT	C398F	524.	4.83	225.	62.	44.	3.68
+	ROUTED TO	398FRR	259.	5.90	178.	61.	44.	3.68
+	HYDROGRAPH AT	D398BW	369.	4.97	135.	36.	26.	3.28
+	HYDROGRAPH AT	398C	84.	4.47	26.	7.	5.	0.09
	2 COMBINED AT							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		C398C	430.	4.93	158.	42.	30.	3.27
+	ROUTED TO	398CRR	244.	5.77	141.	42.	30.	3.27
+	HYDROGRAPH AT	398BSW	369.	4.97	135.	36.	26.	3.28
+	HYDROGRAPH AT	398G	133.	4.73	52.	14.	10.	0.22
+	4 COMBINED AT	C398G	845.	5.27	484.	149.	108.	4.09
+	ROUTED TO	398GRR	638.	6.47	445.	149.	108.	4.09
+	ROUTED TO	RM399	635.	6.63	442.	149.	108.	4.09
+	HYDROGRAPH AT	N18	843.	4.20	119.	30.	22.	0.50
+	DIVERSION TO	LN18D	16.	2.70	5.	1.	1.	0.50
+	HYDROGRAPH AT	LN18	843.	4.20	115.	29.	21.	0.50
+	2 COMBINED AT	CN18	635.	6.53	485.	172.	125.	4.59
+	ROUTED TO	RN18	627.	6.77	476.	172.	124.	4.59
+	HYDROGRAPH AT	N17	622.	4.23	104.	26.	19.	0.41
+	DIVERSION TO	LN17D	41.	3.50	8.	2.	1.	0.41
+	HYDROGRAPH AT	LN17	622.	4.23	97.	24.	17.	0.41
+	2 COMBINED AT	CN17	859.	4.43	541.	191.	138.	5.01
+	ROUTED TO	RN17	851.	4.63	540.	191.	138.	5.01
+	HYDROGRAPH AT	N16	1267.	4.27	213.	54.	39.	0.92
+	DIVERSION TO	LN16D	283.	3.80	26.	6.	5.	0.92
+	HYDROGRAPH AT	LN16	1267.	4.27	188.	47.	34.	0.92
+	2 COMBINED AT	CN16	1602.	4.50	678.	229.	166.	5.93
+	ROUTED TO	RN16	1529.	4.63	669.	229.	166.	5.93
+	HYDROGRAPH AT	N15B	479.	4.77	164.	42.	31.	0.75
+	DIVERSION TO	LN15BD	271.	4.30	20.	5.	4.	0.75
+	HYDROGRAPH AT	LN15B	479.	4.77	150.	37.	27.	0.75
+	ROUTED TO	RN15B	453.	5.33	149.	37.	27.	0.75

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	HYDROGRAPH AT	N15A	943.	4.37	195.	49.	35.	0.80
+	DIVERSION TO	LN15AD	943.	4.37	112.	28.	20.	0.80
+	HYDROGRAPH AT	LN15A	676.	4.80	85.	21.	15.	0.80
+	2 COMBINED AT	CN15A	735.	5.23	222.	56.	40.	1.54
+	ROUTED TO	RN15A	712.	5.57	221.	56.	40.	1.54
+	HYDROGRAPH AT	N15	589.	4.37	130.	33.	24.	0.54
+	DIVERSION TO	LN15D	104.	3.83	12.	3.	2.	0.54
+	HYDROGRAPH AT	LN15	589.	4.37	120.	30.	22.	0.54
+	3 COMBINED AT	CN15	1847.	4.63	923.	295.	213.	8.01
+	ROUTED TO	RN15	1797.	4.73	917.	295.	213.	8.01
+	HYDROGRAPH AT	N14A	466.	4.40	105.	27.	19.	0.44
+	DIVERSION TO	LN14AD	14.	2.97	4.	1.	1.	0.44
	HYDROGRAPH AT	LN14A	466.	4.40	102.	26.	18.	0.44
+	ROUTED TO	RN14A	451.	4.50	102.	26.	18.	0.44
+	HYDROGRAPH AT	N14	195.	4.07	24.	6.	4.	0.08
+	3 COMBINED AT	CN14	2120.	4.70	999.	319.	231.	8.53
+	ROUTED TO	RN14	1905.	5.07	987.	319.	231.	8.53
+	HYDROGRAPH AT	N08B	737.	4.40	159.	40.	29.	0.70
+	DIVERSION TO	LN08BD	737.	4.40	91.	23.	16.	0.70
+	HYDROGRAPH AT	LN08B	519.	4.87	70.	18.	13.	0.70
+	ROUTED TO	RN08B	220.	5.43	69.	18.	13.	0.70
+	HYDROGRAPH AT	N08A	835.	4.33	182.	46.	33.	0.74
+	DIVERSION TO	LN08AD	835.	4.33	107.	27.	19.	0.74
+	HYDROGRAPH AT	LN08A	574.	4.80	78.	19.	14.	0.74
+	2 COMBINED AT	CN08A	570.	4.80	136.	34.	25.	1.43
	ROUTED TO							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		RN08A	380.	5.57	134.	34.	25.	1.43
+	HYDROGRAPH AT	N08	843.	4.37	192.	49.	35.	0.79
+	DIVERSION TO	LN08D	295.	3.93	28.	7.	5.	0.79
+	HYDROGRAPH AT	LN08	843.	4.37	166.	42.	30.	0.79
+	3 COMBINED AT	CN08	2275.	5.07	1174.	370.	268.	10.75
+	ROUTED TO	RN08	2262.	5.13	1172.	370.	268.	10.75
+	2 COMBINED AT	CN09	4699.	5.73	2622.	959.	744.	36.91
+	ROUTED TO	RN09	4674.	5.87	2611.	958.	741.	36.91
+	HYDROGRAPH AT	DRN10	33.	4.57	1.	0.	0.	12.05
+	ROUTED TO	RN10S	17.	4.70	1.	0.	0.	12.05
+	DIVERSION TO	DX26I	11.	4.70	1.	0.	0.	12.05
+	HYDROGRAPH AT	DX26O	6.	4.73	1.	0.	0.	12.05
+	ROUTED TO	RX26S	4.	5.37	1.	0.	0.	12.05
+	HYDROGRAPH AT	DRX26	11.	4.70	1.	0.	0.	12.05
+	HYDROGRAPH AT	N07A	826.	4.13	80.	20.	14.	0.36
+	DIVERSION TO	LN07AD	826.	4.13	46.	11.	8.	0.36
+	HYDROGRAPH AT	LN07A	716.	4.20	34.	9.	6.	0.36
+	2 COMBINED AT	CN07A	716.	4.20	55.	14.	10.	0.36
+	HYDROGRAPH AT	N07	1126.	4.23	166.	42.	30.	0.75
+	DIVERSION TO	LN07D	407.	3.90	27.	7.	5.	0.75
+	HYDROGRAPH AT	LN07	1126.	4.23	140.	35.	25.	0.75
+	4 COMBINED AT	CN07	4680.	5.87	2658.	978.	755.	38.15
+	ROUTED TO	RN07	4623.	6.10	2631.	976.	750.	38.15
+	HYDROGRAPH AT	A11L	684.	4.17	70.	17.	13.	0.25
+	DIVERSION TO	LA11LD	663.	4.13	37.	9.	7.	0.25
+	HYDROGRAPH AT	LA11L	677.	4.20	33.	8.	6.	0.25

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	ROUTED TO	RA11L	388.	4.47	33.	8.	6.	0.25
+	HYDROGRAPH AT	A11M	792.	4.07	61.	15.	11.	0.26
+	DIVERSION TO	LA11MD	239.	3.77	9.	2.	2.	0.26
+	HYDROGRAPH AT	LA11M	792.	4.07	52.	13.	9.	0.26
+	ROUTED TO	RA11M	716.	4.17	52.	13.	9.	0.26
+	HYDROGRAPH AT	A11J	194.	4.17	20.	5.	4.	0.08
+	DIVERSION TO	LA11JD	194.	4.17	11.	3.	2.	0.08
+	HYDROGRAPH AT	LA11J	171.	4.23	9.	2.	2.	0.08
+	HYDROGRAPH AT	A11N	240.	4.07	17.	4.	3.	0.08
+	DIVERSION TO	LA11ND	68.	3.80	3.	1.	0.	0.08
+	HYDROGRAPH AT	LA11N	240.	4.07	14.	4.	3.	0.08
+	ROUTED TO	RA11N	211.	4.10	14.	4.	3.	0.08
	HYDROGRAPH AT	A11O	174.	4.03	11.	3.	2.	0.06
+	ROUTED TO	RA11O	153.	4.10	11.	3.	2.	0.06
+	2 COMBINED AT	CX21	363.	4.10	25.	6.	5.	0.14
+	ROUTED TO	RX21	272.	4.27	25.	6.	5.	0.14
+	HYDROGRAPH AT	A11K	860.	4.07	60.	15.	11.	0.30
+	DIVERSION TO	LA11KD	554.	3.93	20.	5.	4.	0.30
+	HYDROGRAPH AT	LA11K	860.	4.07	40.	10.	7.	0.30
+	HYDROGRAPH AT	A11G	196.	4.03	14.	4.	3.	0.07
+	DIVERSION TO	A11GI	0.	4.03	0.	0.	0.	0.07
+	HYDROGRAPH AT	DA11G	195.	4.03	14.	4.	3.	0.07
+	ROUTED TO	RA11GN	177.	4.07	14.	4.	3.	0.07
+	5 COMBINED AT	CA11K	1582.	4.10	135.	34.	24.	0.84
	ROUTED TO	RA11K	1316.	4.23	135.	34.	24.	0.84
	HYDROGRAPH AT							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		DRA11G	0.	4.03	0.	0.	0.	0.07
+	ROUTED TO	RA11GW	0.	4.17	0.	0.	0.	0.07
+	HYDROGRAPH AT	A11I	925.	4.07	72.	18.	13.	0.28
+	DIVERSION TO	LA11ID	880.	4.00	41.	10.	7.	0.28
+	HYDROGRAPH AT	LA11I	925.	4.07	31.	8.	6.	0.28
+	4 COMBINED AT	CA11I	1538.	4.13	191.	48.	35.	1.37
+	ROUTED TO	RA11I	1338.	4.50	191.	48.	35.	1.37
+	HYDROGRAPH AT	A11E	599.	4.20	55.	14.	10.	0.30
+	HYDROGRAPH AT	A11F	989.	4.17	94.	24.	17.	0.47
+	DIVERSION TO	LA11FD	56.	3.60	7.	2.	1.	0.47
+	HYDROGRAPH AT	LA11F	989.	4.17	88.	22.	16.	0.47
+	DIVERSION TO	A11FI	1.	4.17	0.	0.	0.	0.47
+	HYDROGRAPH AT	DA11F	988.	4.17	88.	22.	16.	0.47
+	ROUTED TO	RA11FN	954.	4.20	88.	22.	16.	0.47
+	3 COMBINED AT	CA11E	1825.	4.43	308.	77.	56.	2.13
+	ROUTED TO	RA11E	1729.	4.57	307.	77.	56.	2.13
+	HYDROGRAPH AT	A11H	200.	4.07	12.	3.	2.	0.07
+	DIVERSION TO	LA11HD	42.	3.80	2.	0.	0.	0.07
+	HYDROGRAPH AT	LA11H	200.	4.07	11.	3.	2.	0.07
+	ROUTED TO	RA11H	122.	4.37	11.	3.	2.	0.07
+	HYDROGRAPH AT	DRA09U	97.	4.10	6.	1.	1.	0.17
+	ROUTED TO	RA09UW	64.	4.27	6.	1.	1.	0.17
+	HYDROGRAPH AT	A09T	388.	4.17	32.	8.	6.	0.18
+	DIVERSION TO	LA09TD	379.	4.13	14.	4.	3.	0.18
+	HYDROGRAPH AT	LA09T	370.	4.20	17.	4.	3.	0.18
+	2 COMBINED AT	CA09T	432.	4.20	23.	6.	4.	0.18

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	DIVERSION TO	A09TI	222.	4.20	5.	1.	1.	0.18
+	HYDROGRAPH AT	DA09T	210.	4.17	18.	4.	3.	0.18
+	ROUTED TO	RA09TW	171.	4.43	18.	4.	3.	0.18
+	HYDROGRAPH AT	DRA11F	1.	4.17	0.	0.	0.	0.47
+	ROUTED TO	RA11FS	1.	4.63	0.	0.	0.	0.47
+	2 COMBINED AT	CX22	172.	4.43	18.	4.	3.	0.18
+	ROUTED TO	RX22	153.	4.57	18.	4.	3.	0.18
+	3 COMBINED AT	CX23	1885.	4.57	330.	83.	60.	2.38
+	ROUTED TO	RX23	1680.	4.87	329.	83.	60.	2.38
+	HYDROGRAPH AT	A99Z	367.	4.10	27.	7.	5.	0.16
+	ROUTED TO	RA99Z	274.	4.33	27.	7.	5.	0.16
+	HYDROGRAPH AT	A11D	334.	4.13	23.	6.	4.	0.15
+	2 COMBINED AT	CA11D	461.	4.17	50.	13.	9.	0.30
+	ROUTED TO	RA11D	312.	4.97	50.	13.	9.	0.30
+	HYDROGRAPH AT	A11B	224.	4.23	24.	6.	4.	0.15
+	HYDROGRAPH AT	A11A	734.	4.40	113.	28.	20.	0.59
+	DIVERSION TO	LA11AD	6.	2.00	2.	0.	0.	0.59
+	HYDROGRAPH AT	LA11A	734.	4.40	112.	28.	20.	0.59
+	4 COMBINED AT	CA11A	2098.	4.87	467.	118.	85.	3.43
+	ROUTED TO	RA11A	2091.	4.87	467.	118.	85.	3.43
+	HYDROGRAPH AT	A11C	178.	4.30	19.	5.	3.	0.12
+	ROUTED TO	RA11C	148.	4.60	19.	5.	3.	0.12
+	2 COMBINED AT	CA11*	2149.	4.87	478.	121.	87.	3.55
+	ROUTED TO	RA11*	2096.	5.00	478.	121.	87.	3.55
+	HYDROGRAPH AT	A11	290.	4.27	26.	7.	5.	0.16
	2 COMBINED AT							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		CA11	2097.	5.00	495.	125.	90.	3.71
+	HYDROGRAPH AT	DRN11O	12.	4.17	0.	0.	0.	0.05
+	ROUTED TO	RN11OW	2.	4.53	0.	0.	0.	0.05
+	HYDROGRAPH AT	DRA09T	222.	4.20	5.	1.	1.	0.18
+	ROUTED TO	RA09TS	29.	5.67	5.	1.	1.	0.18
+	HYDROGRAPH AT	A09R	201.	4.33	25.	6.	5.	0.14
+	DIVERSION TO	LA09RD	201.	4.33	15.	4.	3.	0.14
+	HYDROGRAPH AT	LA09R	139.	4.53	11.	3.	2.	0.14
+	3 COMBINED AT	CA09R	140.	4.53	16.	4.	3.	0.32
+	DIVERSION TO	A09RI	0.	4.53	0.	0.	0.	0.32
+	HYDROGRAPH AT	DA09R	140.	4.53	16.	4.	3.	0.32
+	ROUTED TO	RA09RS	75.	5.07	16.	4.	3.	0.32
+	HYDROGRAPH AT	DRN11M	98.	4.23	10.	2.	2.	0.32
+	ROUTED TO	RN11MW	68.	4.87	10.	2.	2.	0.32
+	HYDROGRAPH AT	DRN11J	30.	4.13	8.	2.	1.	0.56
+	ROUTED TO	RN11JW	30.	4.70	8.	2.	1.	0.56
+	2 COMBINED AT	CX4	98.	4.87	18.	4.	3.	0.39
+	ROUTED TO	RX4	81.	5.40	18.	4.	3.	0.39
+	HYDROGRAPH AT	A09O	231.	4.40	35.	9.	6.	0.19
+	DIVERSION TO	LA09OD	231.	4.40	15.	4.	3.	0.19
+	HYDROGRAPH AT	LA09O	202.	4.53	20.	5.	4.	0.19
+	3 COMBINED AT	CA09O	167.	5.23	48.	12.	9.	0.90
+	DIVERSION TO	A09OI	0.	5.20	0.	0.	0.	0.90
+	HYDROGRAPH AT	DA09O	167.	5.23	48.	12.	9.	0.90
+	ROUTED TO	RA09OS	155.	5.43	47.	12.	9.	0.90
+	HYDROGRAPH AT	DRN11G	0.	4.57	0.	0.	0.	1.08

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	ROUTED TO	RN11GW	0.	5.73	0.	0.	0.	1.08
+	HYDROGRAPH AT	A09K	672.	4.33	85.	21.	15.	0.41
+	DIVERSION TO	LA09KD	672.	4.33	48.	12.	9.	0.41
+	HYDROGRAPH AT	LA09K	520.	4.50	37.	9.	7.	0.41
+	2 COMBINED AT	CA09K	520.	4.50	37.	9.	7.	0.41
+	DIVERSION TO	A09KI	416.	4.50	30.	7.	5.	0.41
+	HYDROGRAPH AT	DA09K	104.	4.50	7.	2.	1.	0.41
+	ROUTED TO	RA09KW	56.	5.03	7.	2.	1.	0.41
+	2 COMBINED AT	CX7	169.	5.23	50.	13.	9.	1.31
+	DIVERSION TO	X7I	0.	5.20	0.	0.	0.	1.31
+	HYDROGRAPH AT	DX7	169.	5.23	50.	12.	9.	1.31
+	ROUTED TO	RX7S	163.	5.47	50.	12.	9.	1.31
+	DIVERSION TO	AX25I	50.	5.47	14.	3.	3.	1.31
+	HYDROGRAPH AT	DX25	113.	5.43	36.	9.	6.	1.31
+	ROUTED TO	RX25E	112.	5.77	36.	9.	6.	1.31
+	HYDROGRAPH AT	DRX25	50.	5.47	14.	3.	3.	1.31
+	ROUTED TO	RX25W	48.	5.87	14.	3.	3.	1.31
+	HYDROGRAPH AT	DRA09K	416.	4.50	30.	7.	5.	0.41
+	ROUTED TO	RA09KS	231.	4.87	30.	7.	5.	0.41
+	HYDROGRAPH AT	A09G	481.	4.20	45.	11.	8.	0.22
+	DIVERSION TO	LA09GD	481.	4.20	26.	6.	5.	0.22
+	HYDROGRAPH AT	LA09G	406.	4.30	20.	5.	4.	0.22
+	DIVERSION TO	A09GI	244.	4.30	12.	3.	2.	0.22
+	HYDROGRAPH AT	DA09G	162.	4.30	8.	2.	1.	0.22
+	2 COMBINED AT	CA09G	226.	4.87	36.	9.	6.	0.63
	ROUTED TO							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		RA09GW	180.	5.17	36.	9.	6.	0.63
+	HYDROGRAPH AT	A09J	300.	4.27	35.	9.	6.	0.17
+	DIVERSION TO	LA09JD	300.	4.27	19.	5.	3.	0.17
+	HYDROGRAPH AT	LA09J	237.	4.40	16.	4.	3.	0.17
+	HYDROGRAPH AT	DRX7	0.	5.20	0.	0.	0.	1.31
+	ROUTED TO	RX7W	0.	6.47	0.	0.	0.	1.31
+	2 COMBINED AT	CA09J	237.	4.40	16.	4.	3.	0.17
+	DIVERSION TO	A09JI	1.	4.40	0.	0.	0.	0.17
+	HYDROGRAPH AT	DA09J	237.	4.40	15.	4.	3.	0.17
+	ROUTED TO	RA09JS	117.	4.83	15.	4.	3.	0.17
+	HYDROGRAPH AT	A09H	488.	4.27	52.	13.	9.	0.25
+	DIVERSION TO	LA09HD	488.	4.27	29.	7.	5.	0.25
+	HYDROGRAPH AT	LA09H	422.	4.37	23.	6.	4.	0.25
+	5 COMBINED AT	CA09H	261.	5.63	98.	25.	18.	2.35
+	ROUTED TO	RA09H	249.	6.13	97.	25.	18.	2.35
+	HYDROGRAPH AT	DRA09G	244.	4.30	12.	3.	2.	0.22
+	ROUTED TO	RA09GS	95.	4.87	12.	3.	2.	0.22
+	HYDROGRAPH AT	A09F	607.	4.20	85.	21.	15.	0.37
+	DIVERSION TO	LA09FD	607.	4.20	43.	11.	8.	0.37
+	HYDROGRAPH AT	LA09F	547.	4.33	43.	11.	8.	0.37
+	3 COMBINED AT	CA09F	380.	4.43	135.	34.	25.	2.72
+	DIVERSION TO	A09FI	56.	4.43	13.	3.	2.	2.72
+	HYDROGRAPH AT	DA09F	324.	4.43	122.	31.	22.	2.72
+	ROUTED TO	RA09FW	237.	4.77	121.	31.	22.	2.72
+	HYDROGRAPH AT	A09I	349.	4.13	39.	10.	7.	0.17
+	DIVERSION TO	LA09ID	349.	4.13	22.	5.	4.	0.17

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	HYDROGRAPH AT	LA09I	289.	4.27	17.	4.	3.	0.17
+	DIVERSION TO	A09II	288.	4.27	17.	4.	3.	0.17
+	HYDROGRAPH AT	DA09I	1.	4.27	0.	0.	0.	0.17
+	ROUTED TO	RA09IS	0.	4.90	0.	0.	0.	0.17
+	HYDROGRAPH AT	A09E	162.	4.30	34.	9.	6.	0.15
+	DIVERSION TO	LA09ED	162.	4.30	18.	4.	3.	0.15
+	HYDROGRAPH AT	LA09E	131.	4.63	16.	4.	3.	0.15
+	3 COMBINED AT	CA09E	329.	4.77	133.	34.	24.	2.87
+	ROUTED TO	RA09E	265.	5.00	132.	34.	24.	2.87
+	HYDROGRAPH AT	A09S	160.	4.17	16.	4.	3.	0.07
+	DIVERSION TO	LA09SD	155.	4.13	7.	2.	1.	0.07
+	HYDROGRAPH AT	LA09S	156.	4.20	9.	2.	2.	0.07
	HYDROGRAPH AT	DRA09R	0.	4.53	0.	0.	0.	0.32
+	ROUTED TO	RA09RW	0.	9.17	0.	0.	0.	0.32
+	2 COMBINED AT	CA09S	156.	4.20	9.	2.	2.	0.07
+	DIVERSION TO	A09SI	1.	4.20	0.	0.	0.	0.07
+	HYDROGRAPH AT	DA09S	155.	4.20	8.	2.	2.	0.07
+	ROUTED TO	RA09SS	74.	4.70	8.	2.	2.	0.07
+	HYDROGRAPH AT	A09Q	364.	4.27	35.	9.	6.	0.22
+	HYDROGRAPH AT	A09P	212.	4.40	32.	8.	6.	0.18
+	HYDROGRAPH AT	DRA09O	0.	5.20	0.	0.	0.	0.90
+	ROUTED TO	RA09OW	0.	5.77	0.	0.	0.	0.90
+	2 COMBINED AT	CA09P	212.	4.40	32.	8.	6.	0.18
+	ROUTED TO	RA09P	206.	4.47	32.	8.	6.	0.18
+	3 COMBINED AT	CA09Q	507.	4.30	75.	19.	14.	0.47
	DIVERSION TO							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		A09QI	1.	4.30	0.	0.	0.	0.47
+	HYDROGRAPH AT	DA09Q	507.	4.30	75.	19.	14.	0.47
+	ROUTED TO	RA09QS	482.	4.47	75.	19.	14.	0.47
+	HYDROGRAPH AT	A09M	505.	4.13	51.	13.	9.	0.25
+	DIVERSION TO	LA09MD	505.	4.10	25.	6.	5.	0.25
+	HYDROGRAPH AT	LA09M	481.	4.17	26.	6.	5.	0.25
+	2 COMBINED AT	CA09M	670.	4.33	96.	24.	17.	0.71
+	ROUTED TO	RA09M	655.	4.40	96.	24.	17.	0.71
+	HYDROGRAPH AT	A09N	120.	4.60	22.	6.	4.	0.11
+	DIVERSION TO	LA09ND	120.	4.60	12.	3.	2.	0.11
+	HYDROGRAPH AT	LA09N	96.	4.87	11.	3.	2.	0.11
+	2 COMBINED AT	CA09N	654.	4.40	106.	27.	19.	0.82
+	ROUTED TO	RA09N	604.	4.63	104.	26.	19.	0.82
+	HYDROGRAPH AT	DRA09J	1.	4.40	0.	0.	0.	0.17
+	ROUTED TO	RA09JW	0.	4.77	0.	0.	0.	0.17
+	HYDROGRAPH AT	A09L	178.	4.23	30.	8.	5.	0.14
+	DIVERSION TO	LA09LD	178.	4.23	18.	4.	3.	0.14
+	HYDROGRAPH AT	LA09L	131.	4.53	13.	3.	2.	0.14
+	3 COMBINED AT	CA09L	652.	4.70	111.	28.	20.	1.13
+	DIVERSION TO	A09LI	1.	4.70	0.	0.	0.	1.13
+	HYDROGRAPH AT	DA09L	651.	4.70	111.	28.	20.	1.13
+	ROUTED TO	RA09LS	501.	5.03	111.	28.	20.	1.13
+	HYDROGRAPH AT	DRA09I	288.	4.27	17.	4.	3.	0.17
+	ROUTED TO	RA09IW	210.	4.40	17.	4.	3.	0.17
+	2 COMBINED AT	CX10	517.	5.03	123.	31.	22.	1.34
+	DIVERSION TO	X10I	472.	5.03	58.	15.	11.	1.34

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	HYDROGRAPH AT	DX10	260.	5.73	65.	16.	12.	1.34
+	HYDROGRAPH AT	A09D	746.	4.07	64.	16.	11.	0.25
+	DIVERSION TO	LA09DD	728.	4.03	35.	9.	6.	0.25
+	HYDROGRAPH AT	LA09D	722.	4.10	29.	7.	5.	0.25
+	2 COMBINED AT	CA09D	426.	4.17	92.	23.	17.	1.59
+	HYDROGRAPH AT	DRX10	472.	5.03	58.	15.	11.	1.34
+	ROUTED TO	RX10W	464.	5.10	58.	15.	11.	1.34
+	DIVERSION TO	X11I	36.	5.10	3.	1.	1.	1.34
+	HYDROGRAPH AT	DX11	428.	5.10	55.	14.	10.	1.34
+	ROUTED TO	RX11S	420.	5.23	55.	14.	10.	1.34
+	3 COMBINED AT	CA09C*	631.	5.27	241.	62.	44.	4.46
+	ROUTED TO	RA09C*	631.	5.30	241.	62.	44.	4.46
	HYDROGRAPH AT	A09C	136.	4.20	14.	3.	2.	0.07
+	DIVERSION TO	LA09CD	135.	4.17	6.	2.	1.	0.07
+	HYDROGRAPH AT	LA09C	131.	4.23	7.	2.	1.	0.07
+	2 COMBINED AT	CA09C	633.	5.27	245.	63.	45.	4.53
+	ROUTED TO	RA09C	630.	5.37	244.	63.	45.	4.53
+	HYDROGRAPH AT	A09B	135.	4.00	12.	3.	2.	0.04
+	DIVERSION TO	LA09BD	2.	0.77	0.	0.	0.	0.04
+	HYDROGRAPH AT	LA09B	135.	4.00	11.	3.	2.	0.04
+	ROUTED TO	RA09B	104.	4.40	11.	3.	2.	0.04
+	HYDROGRAPH AT	A09A	109.	4.20	17.	4.	3.	0.08
+	DIVERSION TO	LA09AD	108.	4.17	6.	2.	1.	0.08
+	HYDROGRAPH AT	LA09A	108.	4.23	11.	3.	2.	0.08
+	3 COMBINED AT	CA09A	651.	5.37	259.	67.	48.	4.66
	DIVERSION TO							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		A09AI	511.	5.37	148.	37.	27.	4.66
+	HYDROGRAPH AT	DA09AO	140.	5.13	110.	30.	21.	4.66
+	ROUTED TO	RA09AW	140.	6.27	107.	30.	21.	4.66
+	HYDROGRAPH AT	A99T	77.	4.03	4.	1.	1.	0.03
+	DIVERSION TO	LA99TD	73.	3.97	2.	0.	0.	0.03
+	HYDROGRAPH AT	LA99T	77.	4.03	2.	1.	0.	0.03
+	ROUTED TO	RA99T	40.	4.20	2.	1.	0.	0.03
+	HYDROGRAPH AT	A09	390.	4.20	32.	8.	6.	0.18
+	DIVERSION TO	LA09D	341.	4.13	13.	3.	2.	0.18
+	HYDROGRAPH AT	LA09	390.	4.20	19.	5.	3.	0.18
+	3 COMBINED AT	CA09	148.	4.33	114.	32.	23.	4.86
+	HYDROGRAPH AT	DRA09F	56.	4.43	13.	3.	2.	2.72
+	ROUTED TO	RA09FS	47.	4.53	13.	3.	2.	2.72
+	HYDROGRAPH AT	S30D	275.	4.13	32.	8.	6.	0.13
+	2 COMBINED AT	CS30D	178.	4.17	42.	11.	8.	2.85
+	ROUTED TO	RS30D	150.	4.73	42.	11.	8.	2.85
+	HYDROGRAPH AT	S30B	393.	4.37	87.	22.	16.	0.40
+	HYDROGRAPH AT	S30C	619.	4.30	118.	30.	21.	0.46
+	3 COMBINED AT	CS30B	870.	4.50	224.	57.	41.	3.70
+	DIVERSION TO	DS30BI	320.	4.50	33.	8.	6.	3.70
+	HYDROGRAPH AT	DS30BO	550.	4.47	190.	49.	35.	3.70
+	ROUTED TO	RS30BW	550.	4.90	190.	49.	35.	3.70
+	HYDROGRAPH AT	S30A	635.	4.33	119.	30.	22.	0.53
+	2 COMBINED AT	CS30A	994.	4.50	292.	75.	54.	4.23
+	DIVERSION TO	DS30AI	444.	4.50	63.	16.	11.	4.23
+	HYDROGRAPH AT	DS30AO	550.	4.33	229.	59.	43.	4.23

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	ROUTED TO	RS30AW	550.	4.50	229.	59.	43.	4.23
+	HYDROGRAPH AT	S30	424.	4.23	65.	16.	12.	0.32
+	DIVERSION TO	LS30D	36.	3.70	4.	1.	1.	0.32
+	HYDROGRAPH AT	LS30	424.	4.23	61.	15.	11.	0.32
+	2 COMBINED AT	CS30	813.	4.37	278.	72.	52.	4.56
+	ROUTED TO	RS30	813.	4.37	278.	72.	52.	4.56
+	HYDROGRAPH AT	A07G	644.	4.10	71.	18.	13.	0.26
+	DIVERSION TO	LA07GD	644.	4.10	39.	10.	7.	0.26
+	HYDROGRAPH AT	LA07G	604.	4.17	32.	8.	6.	0.26
+	ROUTED TO	RA07G	301.	4.47	32.	8.	6.	0.26
+	HYDROGRAPH AT	A07F	230.	4.33	49.	12.	9.	0.23
+	DIVERSION TO	LA07FD	4.	2.07	1.	0.	0.	0.23
+	HYDROGRAPH AT	LA07F	230.	4.33	49.	12.	9.	0.23
+	ROUTED TO	RA07F	226.	4.47	49.	12.	9.	0.23
+	HYDROGRAPH AT	A07E	518.	4.13	59.	15.	11.	0.23
+	3 COMBINED AT	CA07E	738.	4.40	136.	34.	25.	0.72
+	ROUTED TO	RA07E	716.	4.47	136.	34.	25.	0.72
+	HYDROGRAPH AT	A07C	336.	4.23	33.	8.	6.	0.17
+	DIVERSION TO	LA07CD	336.	4.23	18.	4.	3.	0.17
+	HYDROGRAPH AT	LA07C	284.	4.33	16.	4.	3.	0.17
+	2 COMBINED AT	CA07C	867.	4.43	148.	37.	27.	0.89
+	ROUTED TO	RA07C	859.	4.47	148.	37.	27.	0.89
+	HYDROGRAPH AT	A07H	289.	4.03	22.	6.	4.	0.09
+	DIVERSION TO	LA07HD	129.	3.83	7.	2.	1.	0.09
+	HYDROGRAPH AT	LA07H	289.	4.03	16.	4.	3.	0.09
	ROUTED TO							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		RA07H	245.	4.27	16.	4.	3.	0.09
+	HYDROGRAPH AT	DA09A	511.	5.37	148.	37.	27.	4.66
+	ROUTED TO	RA09AS	508.	5.50	148.	37.	27.	4.66
+	HYDROGRAPH AT	A08B	156.	4.17	17.	4.	3.	0.10
+	2 COMBINED AT	CA08B	510.	5.50	160.	40.	29.	4.75
+	ROUTED TO	RA08B	482.	5.80	160.	40.	29.	4.75
+	HYDROGRAPH AT	A07D	183.	4.37	39.	10.	7.	0.23
+	4 COMBINED AT	CA07D	845.	4.70	325.	83.	59.	5.97
+	DIVERSION TO	LA07DD	398.	4.03	22.	5.	4.	5.97
+	HYDROGRAPH AT	LA07D	811.	4.70	294.	74.	53.	5.97
+	ROUTED TO	RA07D	794.	4.90	294.	74.	53.	5.97
+	HYDROGRAPH AT	A07B	860.	4.23	127.	32.	23.	0.65
+	DIVERSION TO	LA07BD	860.	4.23	67.	17.	12.	0.65
+	HYDROGRAPH AT	LA07B	661.	4.40	61.	15.	11.	0.65
+	3 COMBINED AT	CA07B	1621.	4.77	543.	139.	100.	11.17
+	ROUTED TO	RA07B	1518.	4.93	543.	139.	100.	11.17
+	HYDROGRAPH AT	A06A	518.	4.13	61.	15.	11.	0.28
+	DIVERSION TO	LA06AD	205.	3.90	11.	3.	2.	0.28
+	HYDROGRAPH AT	LA06A	518.	4.13	50.	13.	9.	0.28
+	2 COMBINED AT	CA06A	1581.	4.90	577.	147.	106.	11.45
+	HYDROGRAPH AT	A07A	115.	4.27	22.	5.	4.	0.12
+	ROUTED TO	RA07A	112.	4.37	22.	5.	4.	0.12
+	HYDROGRAPH AT	A07	344.	4.00	17.	4.	3.	0.12
+	2 COMBINED AT	CA07	376.	4.03	38.	10.	7.	0.24
+	ROUTED TO	RA07	260.	4.30	38.	10.	7.	0.24
+	HYDROGRAPH AT	A06	734.	4.13	47.	12.	9.	0.28

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	DIVERSION TO							
		LA06D	314.	3.93	11.	3.	2.	0.28
	HYDROGRAPH AT							
+		LA06	734.	4.13	37.	9.	7.	0.28
	3 COMBINED AT							
+		CA06	1644.	4.90	613.	157.	113.	11.97
	ROUTED TO							
+		RA06	1628.	5.03	613.	157.	113.	11.97
	HYDROGRAPH AT							
+		A99Q	365.	4.00	18.	4.	3.	0.12
	2 COMBINED AT							
+		CA99Q	1625.	5.03	621.	159.	115.	12.09
	3 COMBINED AT							
+		DUMMY1	2829.	5.17	1027.	267.	192.	20.66
	DIVERSION TO							
+		DUMMYO	2828.	5.17	1026.	267.	192.	20.66
	HYDROGRAPH AT							
+		DUMMY	1.	3.60	1.	0.	0.	20.66
	ROUTED TO							
+		EMPTY	1.	8.73	1.	0.	0.	20.66
	HYDROGRAPH AT							
+		S10V	289.	4.20	43.	11.	8.	0.20
	ROUTED TO							
+		RS10V	191.	4.67	42.	11.	8.	0.20
	HYDROGRAPH AT							
+		S10U	141.	4.20	21.	5.	4.	0.11
	2 COMBINED AT							
+		CS10U	272.	4.53	62.	16.	12.	0.30
	ROUTED TO							
+		RS10U	257.	4.70	62.	16.	12.	0.30
	HYDROGRAPH AT							
+		S10T	460.	4.27	75.	19.	14.	0.34
	2 COMBINED AT							
+		CS10T	597.	4.40	134.	34.	25.	0.64
	ROUTED TO							
+		RS10T	593.	4.47	134.	34.	25.	0.64
	HYDROGRAPH AT							
+		DS30BX	320.	4.50	33.	8.	6.	3.70
	ROUTED TO							
+		RS30BS	228.	4.73	33.	8.	6.	3.70
	HYDROGRAPH AT							
+		S10S	971.	4.20	134.	34.	24.	0.49
	DIVERSION TO							
+		LS10SD	15.	1.00	1.	0.	0.	0.49
	HYDROGRAPH AT							
+		LS10S	971.	4.20	134.	33.	24.	0.49
	3 COMBINED AT							
+		CS10S	1093.	4.43	267.	68.	49.	4.84
	ROUTED TO							
+		RS10S	1071.	4.57	267.	68.	49.	4.84
	HYDROGRAPH AT							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		S10Q	366.	4.27	68.	17.	12.	0.25
+	2 COMBINED AT	CS10Q	1298.	4.50	327.	83.	60.	5.10
+	ROUTED TO	RS10Q	1264.	4.63	327.	83.	60.	5.10
+	HYDROGRAPH AT	DRS10R	22.	4.23	4.	1.	1.	0.03
+	ROUTED TO	RS10RW	19.	4.90	4.	1.	1.	0.03
+	HYDROGRAPH AT	S10O	1070.	4.27	172.	43.	31.	0.79
+	3 COMBINED AT	CS10O	1901.	4.50	474.	121.	87.	5.89
+	HYDROGRAPH AT	S10J	162.	4.10	17.	4.	3.	0.08
+	DIVERSION TO	S10JI	95.	4.10	10.	2.	2.	0.08
+	HYDROGRAPH AT	DS10JO	67.	4.10	7.	2.	1.	0.08
+	ROUTED TO	RS10JW	67.	4.13	7.	2.	1.	0.08
+	2 COMBINED AT	CS10KN	1920.	4.50	480.	122.	88.	5.97
+	ROUTED TO	RS10KN	1913.	4.53	480.	122.	88.	5.97
+	HYDROGRAPH AT	S10JX	95.	4.10	10.	2.	2.	0.08
+	ROUTED TO	RS10JS	88.	4.17	10.	2.	2.	0.08
+	HYDROGRAPH AT	S10I	210.	4.17	29.	7.	5.	0.13
+	2 COMBINED AT	CS10I	298.	4.17	38.	10.	7.	0.13
+	DIVERSION TO	S10II	175.	4.17	22.	6.	4.	0.13
+	HYDROGRAPH AT	DS10IO	124.	4.17	16.	4.	3.	0.13
+	ROUTED TO	RS10IW	122.	4.20	16.	4.	3.	0.13
+	2 COMBINED AT	CS10KM	1964.	4.53	492.	125.	90.	6.11
+	ROUTED TO	RS10KM	1935.	4.63	492.	125.	90.	6.11
+	HYDROGRAPH AT	S10IX	175.	4.17	22.	6.	4.	0.13
+	ROUTED TO	RS10IS	163.	4.30	22.	6.	4.	0.13
+	HYDROGRAPH AT	S10N	200.	4.20	30.	7.	5.	0.14
+	2 COMBINED AT	CS10N	355.	4.27	52.	13.	9.	0.35

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	DIVERSION TO	S10NI	178.	4.27	26.	7.	5.	0.35
+	HYDROGRAPH AT	DS10NO	178.	4.27	26.	6.	5.	0.35
+	ROUTED TO	RS10NW	178.	4.27	26.	6.	5.	0.35
+	HYDROGRAPH AT	S10K	496.	4.23	84.	21.	15.	0.34
+	3 COMBINED AT	CS10K	2280.	4.57	583.	148.	107.	6.58
+	ROUTED TO	RS10K	2224.	4.70	583.	148.	107.	6.58
+	HYDROGRAPH AT	S10NX	178.	4.27	26.	7.	5.	0.35
+	ROUTED TO	RS10NS	163.	4.47	26.	7.	5.	0.35
+	HYDROGRAPH AT	S10G	581.	4.17	65.	16.	12.	0.28
+	3 COMBINED AT	CS10G	2470.	4.63	656.	167.	120.	6.86
+	ROUTED TO	RS10G	2425.	4.73	656.	167.	120.	6.86
+	DIVERSION TO	X40I	550.	4.37	218.	56.	41.	6.86
+	HYDROGRAPH AT	DX40	1875.	4.73	439.	111.	80.	6.86
+	ROUTED TO	RX40S	1834.	4.87	439.	111.	80.	6.86
+	HYDROGRAPH AT	S10D	564.	4.33	112.	28.	20.	0.46
+	2 COMBINED AT	CS10D	2102.	4.80	530.	134.	97.	7.32
+	HYDROGRAPH AT	DS30X	444.	4.50	63.	16.	11.	4.23
+	ROUTED TO	RS30AS	376.	4.93	63.	16.	11.	4.23
+	HYDROGRAPH AT	S10P	443.	4.27	77.	19.	14.	0.33
+	2 COMBINED AT	CS10P	545.	4.83	129.	33.	23.	4.56
+	ROUTED TO	RS10P	524.	5.20	129.	33.	23.	4.56
+	HYDROGRAPH AT	S10E	384.	4.70	139.	36.	26.	0.63
+	2 COMBINED AT	CS10E	800.	5.17	248.	64.	46.	5.19
+	ROUTED TO	RS10E	784.	5.27	248.	64.	46.	5.19
+	HYDROGRAPH AT	S10M	709.	4.17	91.	23.	16.	0.35
	ROUTED TO							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		RS10M	575.	4.40	91.	23.	16.	0.35
+	2 COMBINED AT	CS10E*	942.	5.17	327.	85.	61.	5.54
+	ROUTED TO	RS10E*	940.	5.20	327.	85.	61.	5.54
+	HYDROGRAPH AT	S10F	358.	4.33	73.	19.	13.	0.33
+	ROUTED TO	RS10F	331.	4.63	73.	19.	13.	0.33
+	2 COMBINED AT	CS10F*	1114.	4.87	386.	100.	72.	5.88
+	ROUTED TO	RS10F*	1111.	5.17	386.	100.	72.	5.88
+	HYDROGRAPH AT	S10C	315.	4.57	102.	27.	19.	0.37
+	3 COMBINED AT	CS10C	3066.	4.83	924.	239.	172.	13.57
+	ROUTED TO	RS10C	3048.	4.90	924.	239.	172.	13.57
+	HYDROGRAPH AT	DRX40	550.	4.37	218.	56.	41.	6.86
+	ROUTED TO	RX40E	550.	5.07	217.	56.	41.	6.86
+	HYDROGRAPH AT	S10B	197.	4.23	35.	9.	6.	0.14
+	2 COMBINED AT	CS10B	734.	4.33	250.	64.	46.	0.14
+	ROUTED TO	RS10B	729.	4.40	249.	64.	46.	0.14
+	HYDROGRAPH AT	S10A	47.	4.30	11.	3.	2.	0.05
+	HYDROGRAPH AT	S10	149.	4.27	29.	7.	5.	0.11
+	4 COMBINED AT	CS10	3754.	4.87	1198.	310.	224.	13.87
+	ROUTED TO	RS10	3753.	4.90	1198.	310.	224.	13.87
+	HYDROGRAPH AT	N06	1043.	4.20	156.	39.	28.	0.59
+	DIVERSION TO	LN06D	43.	3.17	12.	3.	2.	0.59
+	HYDROGRAPH AT	LN06	1043.	4.20	145.	36.	26.	0.59
+	4 COMBINED AT	CN06	5622.	5.37	3357.	1185.	915.	52.61
+	ROUTED TO	RN06	5609.	5.47	3349.	1185.	914.	52.61
+	HYDROGRAPH AT	N05C	350.	4.27	57.	14.	10.	0.28
+	2 COMBINED AT	CN05C	5635.	5.47	3371.	1192.	919.	52.89

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	ROUTED TO	RN05C	5610.	5.60	3356.	1192.	916.	52.89
+	HYDROGRAPH AT	N05B	208.	4.57	66.	17.	12.	0.31
+	DIVERSION TO	DN05BI	187.	4.57	59.	15.	11.	0.31
+	HYDROGRAPH AT	DN05B	21.	4.57	7.	2.	1.	0.31
+	ROUTED TO	RN05BE	21.	4.70	7.	2.	1.	0.31
+	HYDROGRAPH AT	N05A	331.	4.17	41.	10.	7.	0.17
+	DIVERSION TO	LN05AD	7.	2.70	2.	1.	0.	0.17
+	HYDROGRAPH AT	LN05A	331.	4.17	39.	10.	7.	0.17
+	HYDROGRAPH AT	N05	469.	4.20	79.	20.	14.	0.28
+	DIVERSION TO	LN05D	8.	0.63	0.	0.	0.	0.28
+	HYDROGRAPH AT	LN05	469.	4.20	78.	20.	14.	0.28
+	4 COMBINED AT	CN05	5652.	5.57	3395.	1209.	930.	53.65
	ROUTED TO	RN05	5623.	5.73	3384.	1208.	927.	53.65
+	HYDROGRAPH AT	DN05BX	187.	4.57	59.	15.	11.	0.31
+	ROUTED TO	RN05BS	183.	4.77	59.	15.	11.	0.31
+	HYDROGRAPH AT	N04A	97.	4.17	16.	4.	3.	0.07
+	3 COMBINED AT	CN04A	5696.	5.70	3420.	1219.	936.	53.72
+	ROUTED TO	RN04A	5649.	5.90	3396.	1218.	932.	53.72
+	HYDROGRAPH AT	N04	1109.	4.30	202.	51.	37.	0.83
+	DIVERSION TO	LN04D	817.	4.10	50.	13.	9.	0.83
+	HYDROGRAPH AT	LN04	1109.	4.30	153.	38.	28.	0.83
+	2 COMBINED AT	CN04	5705.	5.87	3452.	1239.	947.	54.54
+	ROUTED TO	RN04	5705.	5.90	3452.	1239.	947.	54.54
+	HYDROGRAPH AT	S01G	473.	4.20	71.	18.	13.	0.28
	ROUTED TO	RS01G	401.	4.53	71.	18.	13.	0.28
	HYDROGRAPH AT							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		S01D	556.	4.47	133.	34.	24.	0.63
+	2 COMBINED AT	CS01D	891.	4.53	199.	50.	36.	0.91
+	ROUTED TO	RS01D	835.	4.73	199.	50.	36.	0.91
+	HYDROGRAPH AT	S01H	327.	4.33	67.	17.	12.	0.32
+	ROUTED TO	RS01H	309.	4.57	67.	17.	12.	0.32
+	HYDROGRAPH AT	S01E	345.	4.20	48.	12.	9.	0.23
+	2 COMBINED AT	CS01E	558.	4.40	113.	29.	21.	0.55
+	ROUTED TO	RS01E	534.	4.53	113.	29.	21.	0.55
+	HYDROGRAPH AT	S01C	545.	4.27	92.	23.	17.	0.40
+	3 COMBINED AT	CS01C	1494.	4.67	378.	96.	69.	1.87
+	ROUTED TO	RS01C	1487.	4.70	378.	96.	69.	1.87
+	HYDROGRAPH AT	S01I	329.	4.23	52.	13.	10.	0.23
+	ROUTED TO	RS01I	307.	4.40	52.	13.	10.	0.23
+	HYDROGRAPH AT	S01F	192.	4.23	30.	8.	5.	0.15
+	2 COMBINED AT	CS01F	484.	4.33	82.	21.	15.	0.38
+	ROUTED TO	RS01F	452.	4.53	82.	21.	15.	0.38
+	HYDROGRAPH AT	S01B	470.	4.23	70.	18.	13.	0.31
+	3 COMBINED AT	CS01B	1968.	4.67	504.	128.	92.	2.56
+	ROUTED TO	RS01B	1952.	4.73	503.	128.	92.	2.56
+	HYDROGRAPH AT	S01A	363.	4.33	70.	18.	13.	0.35
+	2 COMBINED AT	CS01A	2142.	4.70	558.	142.	103.	2.91
+	ROUTED TO	RS01A	2129.	4.77	558.	142.	103.	2.91
+	HYDROGRAPH AT	S01	220.	4.40	54.	14.	10.	0.26
+	DIVERSION TO	LS01D	4.	1.63	1.	0.	0.	0.26
+	HYDROGRAPH AT	LS01	220.	4.40	54.	14.	10.	0.26
+	2 COMBINED AT	CS01	2258.	4.73	601.	153.	110.	3.16

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	ROUTED TO	RS01	2256.	4.77	601.	153.	110.	3.16
+	2 COMBINED AT	CN03*	6256.	5.70	3766.	1328.	1015.	57.71
+	ROUTED TO	RN03*	6238.	5.87	3753.	1327.	1011.	57.71
+	HYDROGRAPH AT	N03A	360.	4.37	79.	20.	14.	0.39
+	DIVERSION TO	LN03AD	5.	1.33	1.	0.	0.	0.39
+	HYDROGRAPH AT	LN03A	360.	4.37	79.	20.	14.	0.39
+	ROUTED TO	RN03A	352.	4.50	79.	20.	14.	0.39
+	HYDROGRAPH AT	N03B	996.	4.27	165.	41.	30.	0.63
+	DIVERSION TO	LN03BD	965.	4.20	60.	15.	11.	0.63
+	HYDROGRAPH AT	LN03B	983.	4.30	106.	26.	19.	0.63
+	ROUTED TO	RN03B	977.	4.30	106.	26.	19.	0.63
+	HYDROGRAPH AT	N03	569.	4.43	134.	34.	24.	0.60
	DIVERSION TO	LN03D	319.	4.13	21.	5.	4.	0.60
+	HYDROGRAPH AT	LN03	569.	4.43	115.	29.	21.	0.60
+	4 COMBINED AT	CN03	6392.	5.80	3872.	1364.	1038.	59.33
+	ROUTED TO	RN03	6382.	5.87	3865.	1363.	1037.	59.33
+	HYDROGRAPH AT	N02B	357.	4.10	39.	10.	7.	0.15
+	DIVERSION TO	LN02BD	357.	4.10	23.	6.	4.	0.15
+	HYDROGRAPH AT	LN02B	298.	4.17	17.	4.	3.	0.15
+	2 COMBINED AT	CN02B	6388.	5.87	3868.	1364.	1037.	59.48
+	ROUTED TO	RN02B	6380.	5.97	3860.	1364.	1036.	59.48
+	HYDROGRAPH AT	N02	1037.	4.47	169.	42.	31.	0.76
+	DIVERSION TO	LN02D	30.	3.37	8.	2.	1.	0.76
+	HYDROGRAPH AT	LN02	1037.	4.47	162.	40.	29.	0.76
+	HYDROGRAPH AT	N02A	285.	4.30	35.	9.	6.	0.18
	3 COMBINED AT							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		CN02	6421.	5.97	3904.	1388.	1055.	60.42
+	HYDROGRAPH AT	S20A	247.	4.23	44.	11.	8.	0.16
+	ROUTED TO	RS20A	244.	4.30	44.	11.	8.	0.16
+	HYDROGRAPH AT	S20	230.	4.20	38.	9.	7.	0.14
+	2 COMBINED AT	CS20	465.	4.27	82.	21.	15.	0.30
+	ROUTED TO	RS20	461.	4.30	82.	21.	15.	0.30
+	HYDROGRAPH AT	A05A	256.	4.17	36.	9.	7.	0.14
+	ROUTED TO	RA05A	239.	4.43	36.	9.	7.	0.14
+	HYDROGRAPH AT	A99N	345.	4.13	40.	10.	7.	0.16
+	3 COMBINED AT	CA99N	849.	4.37	157.	39.	28.	0.60
+	HYDROGRAPH AT	DRA09S	1.	4.20	0.	0.	0.	0.07
+	ROUTED TO	RA09SW	0.	5.03	0.	0.	0.	0.07
+	HYDROGRAPH AT	A99Y	474.	4.33	53.	13.	10.	0.32
+	2 COMBINED AT	CA99Y	474.	4.33	53.	13.	10.	0.32
+	HYDROGRAPH AT	A99X	430.	4.17	39.	10.	7.	0.26
+	DIVERSION TO	LA99XD	226.	4.00	6.	2.	1.	0.26
+	HYDROGRAPH AT	LA99X	430.	4.17	32.	8.	6.	0.26
+	HYDROGRAPH AT	DRA09Q	1.	4.30	0.	0.	0.	0.47
+	ROUTED TO	RA09QW	1.	4.93	0.	0.	0.	0.47
+	HYDROGRAPH AT	A10A	455.	4.17	35.	9.	6.	0.19
+	2 COMBINED AT	CA10A	423.	4.17	34.	9.	6.	0.65
+	ROUTED TO	RA10A	350.	4.27	34.	9.	6.	0.65
+	HYDROGRAPH AT	A10	621.	4.10	44.	11.	8.	0.21
+	DIVERSION TO	LA10D	116.	3.73	5.	1.	1.	0.21
+	HYDROGRAPH AT	LA10	621.	4.10	39.	10.	7.	0.21
+	2 COMBINED AT	CA10	719.	4.13	70.	18.	13.	0.87

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	5 COMBINED AT	DUMMY2	6436.	5.90	3965.	1421.	1081.	62.47
+	HYDROGRAPH AT	DRX11I	36.	5.10	3.	1.	1.	1.34
+	ROUTED TO	RX11W	30.	5.23	3.	1.	1.	1.34
+	HYDROGRAPH AT	A99V	443.	4.20	40.	10.	7.	0.21
+	2 COMBINED AT	CA99V	443.	4.20	46.	12.	8.	0.21
+	HYDROGRAPH AT	DRA09L	1.	4.70	0.	0.	0.	1.13
+	ROUTED TO	RA09LW	1.	5.10	0.	0.	0.	1.13
+	HYDROGRAPH AT	A99W	350.	4.23	47.	12.	9.	0.22
+	DIVERSION TO	LA99WD	350.	4.20	19.	5.	3.	0.22
+	HYDROGRAPH AT	LA99W	343.	4.27	29.	7.	5.	0.22
+	2 COMBINED AT	CA99W	343.	4.27	29.	7.	5.	0.22
+	HYDROGRAPH AT	A99U	112.	4.20	10.	3.	2.	0.07
+	HYDROGRAPH AT	A99S	94.	4.37	14.	4.	3.	0.08
+	DIVERSION TO	LA99SD	94.	4.37	7.	2.	1.	0.08
+	HYDROGRAPH AT	LA99S	75.	4.53	7.	2.	1.	0.08
+	HYDROGRAPH AT	A08A	87.	4.43	22.	6.	4.	0.14
+	ROUTED TO	RA08A	84.	4.63	22.	6.	4.	0.14
+	HYDROGRAPH AT	A99R	100.	4.03	6.	2.	1.	0.04
+	ROUTED TO	RA99R	70.	4.23	6.	2.	1.	0.04
+	HYDROGRAPH AT	A08	227.	4.00	12.	3.	2.	0.08
+	3 COMBINED AT	CA08	248.	4.00	39.	10.	7.	0.25
+	6 COMBINED AT	DUMMY3	6440.	5.90	3989.	1430.	1088.	63.29
+	HYDROGRAPH AT	A99P	991.	4.17	123.	31.	22.	0.57
+	DIVERSION TO	LA99PD	22.	3.33	6.	1.	1.	0.57
+	HYDROGRAPH AT	LA99P	991.	4.17	118.	30.	21.	0.57
	HYDROGRAPH AT							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		A05	375.	4.03	23.	6.	4.	0.13
+	HYDROGRAPH AT	A99O	303.	4.03	22.	5.	4.	0.10
+	HYDROGRAPH AT	A99M	199.	4.00	17.	4.	3.	0.06
+	HYDROGRAPH AT	A99L	256.	4.00	18.	4.	3.	0.08
+	6 COMBINED AT	DUMMY4	6448.	5.90	4042.	1453.	1106.	64.24
+	HYDROGRAPH AT	A99K	243.	4.07	25.	6.	4.	0.11
+	HYDROGRAPH AT	A99J	235.	4.13	32.	8.	6.	0.14
+	HYDROGRAPH AT	A99I	308.	4.10	29.	7.	5.	0.14
+	HYDROGRAPH AT	A04A	398.	4.17	48.	12.	9.	0.22
+	ROUTED TO	RA04A	365.	4.27	48.	12.	9.	0.22
+	HYDROGRAPH AT	A04	133.	4.17	11.	3.	2.	0.08
+	2 COMBINED AT	CA04	483.	4.23	59.	15.	11.	0.30
+	ROUTED TO	RA04	406.	4.50	59.	15.	11.	0.30
+	HYDROGRAPH AT	A03D	119.	4.43	18.	5.	3.	0.13
+	DIVERSION TO	LA03DD	119.	4.43	10.	2.	2.	0.13
+	HYDROGRAPH AT	LA03D	86.	4.70	8.	2.	2.	0.13
+	2 COMBINED AT	CA03D	422.	4.67	67.	17.	12.	0.43
+	ROUTED TO	RA03D	342.	4.80	66.	17.	12.	0.43
+	HYDROGRAPH AT	A03E	216.	4.17	31.	8.	6.	0.15
+	DIVERSION TO	LA03ED	4.	2.73	1.	0.	0.	0.15
+	HYDROGRAPH AT	LA03E	216.	4.17	29.	7.	5.	0.15
+	ROUTED TO	RA03E	202.	4.30	29.	7.	5.	0.15
+	HYDROGRAPH AT	A03B	161.	4.10	12.	3.	2.	0.07
+	DIVERSION TO	LA03BD	139.	4.03	5.	1.	1.	0.07
+	HYDROGRAPH AT	LA03B	161.	4.10	7.	2.	1.	0.07
+	2 COMBINED AT	CA03B	307.	4.17	36.	9.	7.	0.23

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	ROUTED TO	RA03B	235.	4.70	36.	9.	7.	0.23
+	HYDROGRAPH AT	A03A	271.	4.20	24.	6.	4.	0.14
+	DIVERSION TO	LA03AD	270.	4.17	12.	3.	2.	0.14
+	HYDROGRAPH AT	LA03A	254.	4.23	12.	3.	2.	0.14
+	2 COMBINED AT	CA03A	276.	4.63	48.	12.	9.	0.37
+	ROUTED TO	RA03A	264.	4.77	48.	12.	9.	0.37
+	HYDROGRAPH AT	A03	265.	4.53	48.	12.	9.	0.28
+	DIVERSION TO	LA03D	265.	4.53	24.	6.	4.	0.28
+	HYDROGRAPH AT	LA03	216.	4.77	24.	6.	4.	0.28
+	3 COMBINED AT	CA03	628.	4.77	122.	31.	22.	1.07
+	5 COMBINED AT	DUMMY5	6513.	5.87	4099.	1470.	1119.	65.69
+	HYDROGRAPH AT	A99G	66.	4.00	3.	1.	1.	0.02
+	DIVERSION TO	LA99GD	65.	3.90	2.	0.	0.	0.02
+	HYDROGRAPH AT	LA99G	66.	4.00	2.	0.	0.	0.02
+	HYDROGRAPH AT	A99H	50.	4.77	13.	3.	2.	0.10
+	DIVERSION TO	LA99HD	50.	4.77	6.	2.	1.	0.10
+	HYDROGRAPH AT	LA99H	38.	5.20	7.	2.	1.	0.10
+	ROUTED TO	RA99H	21.	5.87	7.	2.	1.	0.10
+	HYDROGRAPH AT	A02D	163.	4.00	8.	2.	2.	0.06
+	DIVERSION TO	LA02DD	152.	3.87	3.	1.	1.	0.06
+	HYDROGRAPH AT	LA02D	163.	4.00	5.	1.	1.	0.06
+	ROUTED TO	RA02D	112.	4.10	5.	1.	1.	0.06
+	HYDROGRAPH AT	A99F	46.	4.97	13.	3.	2.	0.11
+	3 COMBINED AT	CA99F	115.	4.10	26.	7.	5.	0.28
+	HYDROGRAPH AT	A02	24.	4.17	2.	0.	0.	0.02
	HYDROGRAPH AT							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		A01H	192.	4.00	9.	2.	2.	0.07
+	DIVERSION TO	LA01HD	188.	3.90	5.	1.	1.	0.07
+	HYDROGRAPH AT	LA01H	192.	4.00	4.	1.	1.	0.07
+	HYDROGRAPH AT	A99E	74.	4.00	4.	1.	1.	0.02
+	DIVERSION TO	LA99ED	71.	3.87	2.	0.	0.	0.02
+	HYDROGRAPH AT	LA99E	74.	4.00	2.	0.	0.	0.02
+	6 COMBINED AT	DUMMY6	6513.	5.87	4099.	1470.	1119.	66.10
+	HYDROGRAPH AT	A99B	128.	4.07	7.	2.	1.	0.05
+	HYDROGRAPH AT	A99C	72.	4.00	3.	1.	1.	0.03
+	DIVERSION TO	LA99CD	70.	3.90	2.	0.	0.	0.03
+	HYDROGRAPH AT	LA99C	72.	4.00	2.	0.	0.	0.03
+	HYDROGRAPH AT	A99D	90.	4.00	5.	1.	1.	0.03
+	DIVERSION TO	LA99DD	68.	3.87	2.	0.	0.	0.03
+	HYDROGRAPH AT	LA99D	90.	4.00	3.	1.	1.	0.03
+	HYDROGRAPH AT	A01A	68.	4.23	7.	2.	1.	0.05
+	ROUTED TO	RA01A	51.	4.57	7.	2.	1.	0.05
+	HYDROGRAPH AT	A01	175.	4.53	29.	7.	5.	0.20
+	DIVERSION TO	LA01DD	175.	4.53	15.	4.	3.	0.20
+	HYDROGRAPH AT	LA01D	143.	4.73	15.	4.	3.	0.20
+	2 COMBINED AT	CA01	185.	4.73	22.	5.	4.	0.25
+	HYDROGRAPH AT	A99A	340.	4.10	25.	6.	5.	0.13
+	DIVERSION TO	LA99AD	334.	4.07	15.	4.	3.	0.13
+	HYDROGRAPH AT	LA99A	328.	4.13	11.	3.	2.	0.13
+	HYDROGRAPH AT	A99	103.	4.50	17.	4.	3.	0.14
+	DIVERSION TO	LA99D	103.	4.50	8.	2.	1.	0.14
+	HYDROGRAPH AT	LA99	85.	4.70	9.	2.	2.	0.14

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	7 COMBINED AT	DUMMY7	6512.	5.87	4100.	1470.	1120.	66.72
+	HYDROGRAPH AT	A01E	204.	4.07	21.	5.	4.	0.08
+	DIVERSION TO	A01EI	122.	4.07	13.	3.	2.	0.08
+	HYDROGRAPH AT	DA01E	82.	4.07	9.	2.	2.	0.08
+	ROUTED TO	RA01ES	39.	5.20	8.	2.	2.	0.08
+	HYDROGRAPH AT	N01A	365.	4.60	60.	15.	11.	0.41
+	DIVERSION TO	LN01AD	365.	4.60	31.	8.	6.	0.41
+	HYDROGRAPH AT	LN01A	302.	4.80	30.	7.	5.	0.41
+	ROUTED TO	RN01A	236.	5.13	30.	7.	5.	0.41
+	HYDROGRAPH AT	N01	803.	4.27	137.	35.	25.	0.65
+	3 COMBINED AT	CN01	715.	4.27	158.	40.	29.	1.14
+	HYDROGRAPH AT	A03C	549.	4.17	64.	16.	12.	0.33
+	DIVERSION TO	LA03CD	37.	3.63	4.	1.	1.	0.33
+	HYDROGRAPH AT	LA03C	549.	4.17	60.	15.	11.	0.33
+	ROUTED TO	RA03C	488.	4.33	60.	15.	11.	0.33
+	HYDROGRAPH AT	A02B	757.	4.03	51.	13.	9.	0.27
+	DIVERSION TO	LA02BD	327.	3.87	12.	3.	2.	0.27
+	HYDROGRAPH AT	LA02B	757.	4.03	40.	10.	7.	0.27
+	ROUTED TO	RA02B	662.	4.10	40.	10.	7.	0.27
+	2 COMBINED AT	CA02A*	915.	4.13	97.	24.	18.	0.60
+	ROUTED TO	RA02A*	759.	4.33	97.	24.	18.	0.60
+	HYDROGRAPH AT	A02A	789.	4.50	119.	30.	22.	0.61
+	DIVERSION TO	LA02AD	789.	4.50	58.	15.	10.	0.61
+	HYDROGRAPH AT	LA02A	674.	4.57	62.	15.	11.	0.61
+	HYDROGRAPH AT	A01G	596.	4.00	34.	9.	6.	0.19
	DIVERSION TO							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		LA01GD	590.	3.90	19.	5.	3.	0.19
+	HYDROGRAPH AT	LA01G	596.	4.00	15.	4.	3.	0.19
+	3 COMBINED AT	CA01G	955.	4.70	154.	38.	28.	1.39
+	ROUTED TO	RA01G	830.	4.77	154.	38.	28.	1.39
+	HYDROGRAPH AT	A02C	429.	4.27	68.	17.	12.	0.33
+	DIVERSION TO	LA02CD	429.	4.27	26.	6.	5.	0.33
+	HYDROGRAPH AT	LA02C	414.	4.33	42.	11.	8.	0.33
+	ROUTED TO	RA02C	200.	4.93	42.	11.	8.	0.33
+	HYDROGRAPH AT	A01F	368.	4.23	56.	14.	10.	0.28
+	DIVERSION TO	LA01FD	332.	4.13	16.	4.	3.	0.28
+	HYDROGRAPH AT	LA01F	368.	4.23	40.	10.	7.	0.28
+	2 COMBINED AT	CA01F	353.	4.23	80.	20.	14.	0.61
+	ROUTED TO	RA01F	320.	4.50	80.	20.	14.	0.61
+	HYDROGRAPH AT	A01D	440.	4.20	44.	11.	8.	0.21
+	DIVERSION TO	LA01DD	440.	4.20	26.	6.	5.	0.21
+	HYDROGRAPH AT	LA01D	362.	4.30	18.	5.	3.	0.21
+	HYDROGRAPH AT	DRA01E	122.	4.07	13.	3.	2.	0.08
+	ROUTED TO	RA01EW	108.	4.13	13.	3.	2.	0.08
+	3 COMBINED AT	CA01D	534.	4.43	105.	27.	19.	0.82
+	ROUTED TO	RA01D	428.	4.93	105.	27.	19.	0.82
+	HYDROGRAPH AT	A01C	458.	4.13	53.	13.	10.	0.22
+	DIVERSION TO	LA01CD	458.	4.13	31.	8.	6.	0.22
+	HYDROGRAPH AT	LA01C	382.	4.23	23.	6.	4.	0.22
+	HYDROGRAPH AT	A01B	289.	4.17	19.	5.	3.	0.15
+	DIVERSION TO	LA01BD	289.	4.17	10.	2.	2.	0.15
+	HYDROGRAPH AT	LA01B	252.	4.23	9.	2.	2.	0.15

OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD			BASIN AREA
				6-HOUR	24-HOUR	72-HOUR	
4 COMBINED AT	CA01B	1125.	4.83	247.	62.	45.	2.58

*** NORMAL END OF HEC-1 ***

ACDC SUB-AREA MODEL

RUNOFF SUMMARY
FLOW IN CUBIC FEET PER SECOND
TIME IN HOURS, AREA IN SQUARE MILES

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA	MAXIMUM STAGE	TIME OF MAX STAGE
+	HYDROGRAPH AT	R370	675.	4.40	127.	32.	31.	1.61		
+	ROUTED TO	370101	670.	4.50	127.	32.	31.	1.61		
+	HYDROGRAPH AT	C371A	335.	4.55	96.	24.	24.	0.53		
+	DIVERSION TO	C371AR	335.	4.70	47.	12.	11.	0.53		
+	HYDROGRAPH AT	DC371A	322.	4.70	51.	13.	12.	0.53		
+	2 COMBINED AT	C101	917.	4.70	179.	45.	43.	2.14		
+	DIVERSION TO	D101S	121.	4.70	20.	5.	5.	2.14		
+	HYDROGRAPH AT	D101W	797.	4.70	158.	40.	38.	2.14		
+	ROUTED TO	101102	768.	4.85	159.	40.	38.	2.14		
+	HYDROGRAPH AT	C371B	333.	4.60	107.	28.	27.	0.54		
+	DIVERSION TO	C371BR	300.	4.60	33.	8.	8.	0.54		
+	HYDROGRAPH AT	DC371B	333.	4.60	77.	19.	19.	0.54		
	2 COMBINED AT	C102	1080.	4.85	236.	59.	57.	2.68		
+	DIVERSION TO	D102S	572.	4.85	136.	34.	33.	2.68		
+	HYDROGRAPH AT	D102W	508.	4.85	100.	25.	24.	2.68		
+	ROUTED TO	102103	500.	5.00	101.	25.	24.	2.68		
+	HYDROGRAPH AT	C373A	120.	4.30	33.	8.	8.	0.14		
+	DIVERSION TO	C373AR	120.	4.45	17.	4.	4.	0.14		
+	HYDROGRAPH AT	DC373A	117.	4.45	17.	4.	4.	0.14		
+	2 COMBINED AT	C103	576.	4.65	118.	29.	28.	2.82		
+	DIVERSION TO	D103S	54.	4.65	7.	2.	2.	2.82		
+	HYDROGRAPH AT	D103W	523.	4.65	111.	28.	27.	2.82		
+	ROUTED TO	103104	509.	5.10	111.	28.	27.	2.82		
+	HYDROGRAPH AT	C373B	73.	4.35	20.	5.	5.	0.10		
+	DIVERSION TO	C373BR	54.	4.35	6.	2.	2.	0.10		
+	HYDROGRAPH AT	DC373B	73.	4.35	14.	4.	3.	0.10		
+	2 COMBINED AT	C104	556.	4.80	126.	31.	30.	2.92		
+	DIVERSION TO	D104W	260.	4.80	52.	13.	13.	2.92		
	HYDROGRAPH AT									

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA	MAXIMUM STAGE	TIME OF MAX STAGE
+		D104S	296.	4.80	74.	18.	18.	2.92		
	ROUTED TO									
+		104105	288.	5.20	74.	18.	18.	2.92		
+									0.81	5.20
	HYDROGRAPH AT									
+		C385B	169.	4.30	41.	10.	10.	0.20		
	DIVERSION TO									
+		C385BR	89.	4.30	8.	2.	2.	0.20		
	HYDROGRAPH AT									
+		DC385B	169.	4.30	34.	8.	8.	0.20		
	HYDROGRAPH AT									
+		DZ107	79.	4.00	37.	9.	9.	0.00		
	2 COMBINED AT									
+		C105E	248.	4.30	71.	18.	17.	0.20		
	2 COMBINED AT									
+		C105	456.	4.95	144.	36.	35.	3.12		
	DIVERSION TO									
+		D105W	42.	4.95	9.	2.	2.	3.12		
	HYDROGRAPH AT									
+		D105S	414.	4.95	135.	34.	33.	3.12		
	ROUTED TO									
+		105112	408.	5.15	136.	34.	33.	3.12		
	HYDROGRAPH AT									
+		D101S	121.	4.70	20.	5.	5.	0.00		
	ROUTED TO									
+		101106	117.	5.00	21.	5.	5.	0.00		
	HYDROGRAPH AT									
+		D102S	572.	4.85	136.	34.	33.	0.00		
	ROUTED TO									
+		102106	554.	4.95	136.	34.	33.	0.00		
+									1.29	4.95
	HYDROGRAPH AT									
+		C384A	301.	4.35	83.	21.	20.	0.35		
	DIVERSION TO									
+		C384AR	301.	4.60	47.	12.	11.	0.35		
	HYDROGRAPH AT									
+		DC384A	270.	4.60	38.	9.	9.	0.35		
	3 COMBINED AT									
+		C106	852.	4.95	194.	49.	47.	0.35		
	DIVERSION TO									
+		D106S	748.	4.95	175.	44.	42.	0.35		
	HYDROGRAPH AT									
+		D106W	104.	4.95	19.	5.	5.	0.35		
	ROUTED TO									
+		106107	99.	5.10	19.	5.	5.	0.35		
+									0.68	5.10
	HYDROGRAPH AT									
+		D103S	54.	4.65	7.	2.	2.	0.00		
	ROUTED TO									
+		103107	54.	5.10	7.	2.	2.	0.00		
	HYDROGRAPH AT									
+		C385A	227.	4.45	67.	17.	16.	0.30		
	DIVERSION TO									
+		C385AR	131.	4.45	13.	3.	3.	0.30		
	HYDROGRAPH AT									
+		DC385A	227.	4.45	55.	14.	13.	0.30		
	3 COMBINED AT									
+		C107	302.	5.10	81.	20.	20.	0.65		

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA	MAXIMUM STAGE	TIME OF MAX STAGE
	DIVERSION TO	DZ107	79.	5.10	37.	9.	9.	0.65		
+	HYDROGRAPH AT	C107	223.	5.10	45.	11.	11.	0.65		
+	DIVERSION TO	D107S	117.	5.10	24.	6.	6.	0.65		
+	HYDROGRAPH AT	D107W	107.	5.10	21.	5.	5.	0.65		
+	ROUTED TO	107112	103.	5.20	21.	5.	5.	0.65		
+	HYDROGRAPH AT	R383	2312.	4.50	486.	124.	119.	0.00		
+	DIVERSION TO	D383S	1252.	4.50	302.	78.	75.	0.00		
+	HYDROGRAPH AT	D383W	1059.	4.50	184.	46.	44.	0.00		
+	ROUTED TO	383108	1058.	4.60	184.	46.	44.	0.00		
+	HYDROGRAPH AT	C384B	136.	4.65	41.	10.	10.	0.34		
+	DIVERSION TO	C384BR	4.	4.65	0.	0.	0.	0.34		
+	HYDROGRAPH AT	DC384B	136.	4.65	41.	10.	10.	0.34		
+	2 COMBINED AT	C108	1193.	4.60	224.	56.	54.	0.34		
+	DIVERSION TO	D108S	143.	4.60	18.	5.	4.	0.34		
+	HYDROGRAPH AT	D108W	1050.	4.60	206.	52.	50.	0.34		
+	ROUTED TO	108109	1036.	4.70	206.	52.	50.	0.34		
+									1.89	4.70
+	HYDROGRAPH AT	D106S	748.	4.95	175.	44.	42.	0.00		
+	ROUTED TO	106109	725.	5.00	175.	44.	42.	0.00		
+									1.51	5.00
+	HYDROGRAPH AT	C384C	171.	4.50	49.	12.	12.	0.25		
+	DIVERSION TO	C384CR	8.	4.50	3.	1.	1.	0.25		
+	HYDROGRAPH AT	DC384C	171.	4.50	47.	12.	11.	0.25		
+	3 COMBINED AT	C109	1776.	4.85	427.	107.	103.	0.59		
+	DIVERSION TO	D109S	1020.	4.85	288.	73.	70.	0.59		
+	HYDROGRAPH AT	D109W	756.	4.85	139.	35.	33.	0.59		
+	ROUTED TO	109110	754.	4.90	139.	35.	33.	0.59		
+	HYDROGRAPH AT	C385C	66.	4.45	19.	5.	5.	0.09		
	DIVERSION TO	C385CR	15.	4.45	2.	1.	1.	0.09		
+	HYDROGRAPH AT	DC385C	66.	4.45	17.	4.	4.	0.09		

OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA	MAXIMUM STAGE	TIME OF MAX STAGE
2 COMBINED AT	C110	805.	4.90	156.	39.	37.	0.68		
+ DIVERSION TO	D110S	141.	4.90	24.	6.	6.	0.68		
+ HYDROGRAPH AT	D110W	664.	4.90	132.	33.	32.	0.68		
+ ROUTED TO	110111	663.	4.95	132.	33.	32.	0.68		
+ HYDROGRAPH AT	D107S	117.	5.10	24.	6.	6.	0.00		
+ ROUTED TO	107111	110.	5.25	24.	6.	6.	0.00		
+ HYDROGRAPH AT	C385D	46.	4.45	12.	3.	3.	0.07		
+ 3 COMBINED AT	C111	783.	4.95	168.	42.	41.	0.76		
+ DIVERSION TO	D111S	122.	4.95	21.	5.	5.	0.76		
+ HYDROGRAPH AT	D111W	661.	4.95	148.	37.	36.	0.76		
+ ROUTED TO	111112	660.	5.05	148.	37.	36.	0.76		
+ HYDROGRAPH AT	C385E	167.	4.50	48.	12.	12.	0.23		
+ DIVERSION TO	C385ER	8.	4.50	3.	1.	1.	0.23		
+ HYDROGRAPH AT	DC385E	167.	4.50	46.	11.	11.	0.23		
+ 2 COMBINED AT	C112E	777.	5.05	193.	48.	47.	0.99		
+ 2 COMBINED AT	C112	863.	5.05	215.	54.	52.	1.63		
+ DIVERSION TO	D112W	229.	5.05	29.	7.	7.	1.63		
+ HYDROGRAPH AT	D112S	633.	5.05	186.	47.	45.	1.63		
+ ROUTED TO	112113	633.	5.10	186.	47.	45.	1.63		
+ HYDROGRAPH AT	C394D	37.	4.00	5.	1.	1.	0.03		
+ 2 COMBINED AT	C113	635.	5.05	191.	48.	46.	1.67		
+ HYDROGRAPH AT	D105W	42.	4.95	9.	2.	2.	0.00		
+ ROUTED TO	105114	43.	5.10	9.	2.	2.	0.00		
+ HYDROGRAPH AT	C394A	76.	4.35	21.	5.	5.	0.10		
+ DIVERSION TO	C394AR	76.	4.55	12.	3.	3.	0.10		
+ HYDROGRAPH AT	DC394A	70.	4.55	9.	2.	2.	0.10		
+ 2 COMBINED AT	C114	86.	4.55	18.	5.	4.	0.10		
DIVERSION TO	D114W	38.	4.55	7.	2.	2.	0.10		
+ HYDROGRAPH AT	D114S	48.	4.55	11.	3.	3.	0.10		

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA	MAXIMUM STAGE	TIME OF MAX STAGE
	ROUTED TO	114115	45.	4.80	11.	3.	3.	0.10	0.53	4.80
+	HYDROGRAPH AT	C394B	48.	4.50	15.	4.	4.	0.07		
+	2 COMBINED AT	C115	89.	4.80	26.	7.	6.	0.17		
+	DIVERSION TO	D115W	44.	4.80	13.	3.	3.	0.17		
+	HYDROGRAPH AT	D115S	44.	4.80	13.	3.	3.	0.17		
+	ROUTED TO	115116	44.	4.95	13.	3.	3.	0.17		
+	HYDROGRAPH AT	D112W	229.	5.05	29.	7.	7.	0.00		
+	ROUTED TO	112116	229.	5.15	29.	7.	7.	0.00		
+	HYDROGRAPH AT	C394C	43.	4.60	14.	4.	4.	0.07		
+	DIVERSION TO	C406R	5.	4.60	1.	0.	0.	0.07		
+	HYDROGRAPH AT	DC394C	43.	4.60	14.	3.	3.	0.07		
+	3 COMBINED AT	C116	300.	5.15	55.	14.	13.	0.24		
+	DIVERSION TO	D116W	63.	5.15	14.	4.	3.	0.24		
+	HYDROGRAPH AT	D116S	237.	5.15	41.	10.	10.	0.24		
+	HYDROGRAPH AT	D114W	38.	4.55	7.	2.	2.	0.00		
+	ROUTED TO	114117	36.	4.80	7.	2.	2.	0.00	0.38	4.80
+	HYDROGRAPH AT	C394E	23.	4.55	7.	2.	2.	0.05		
+	DIVERSION TO	C394ER	23.	4.80	4.	1.	1.	0.05		
+	HYDROGRAPH AT	DC394E	21.	4.80	4.	1.	1.	0.05		
+	2 COMBINED AT	C117	57.	4.80	11.	3.	3.	0.05		
+	DIVERSION TO	D117W	20.	4.80	3.	1.	1.	0.05		
+	HYDROGRAPH AT	D117S	37.	4.80	8.	2.	2.	0.05		
+	ROUTED TO	117118	32.	5.05	8.	2.	2.	0.05	0.38	5.05
+	HYDROGRAPH AT	D115W	44.	4.80	13.	3.	3.	0.00		
+	ROUTED TO	115118	45.	4.90	13.	3.	3.	0.00		
+	HYDROGRAPH AT	D116W	63.	5.15	14.	4.	3.	0.00		
	ROUTED TO	116118	61.	5.20	14.	4.	3.	0.00	0.50	5.20
	HYDROGRAPH AT									

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA	MAXIMUM STAGE	TIME OF MAX STAGE
+		C394F	57.	4.50	16.	4.	4.	0.10		
+	4 COMBINED AT	C118	159.	5.15	50.	13.	12.	0.16		
+	HYDROGRAPH AT	D117W	20.	4.80	3.	1.	1.	0.00		
+	ROUTED TO	117119	19.	5.10	3.	1.	1.	0.00		
+									0.59	5.10
+	HYDROGRAPH AT	C394G	32.	4.80	14.	4.	4.	0.11		
+	DIVERSION TO	C394GR	32.	6.30	11.	3.	3.	0.11		
+	HYDROGRAPH AT	DC394G	17.	6.30	4.	1.	1.	0.11		
+	2 COMBINED AT	C119	20.	6.30	8.	2.	2.	0.11		
+	HYDROGRAPH AT	C394H	66.	4.95	28.	7.	7.	0.27		
+	DIVERSION TO	C394HR	66.	5.10	10.	3.	3.	0.27		
+	HYDROGRAPH AT	DC394H	65.	5.10	19.	5.	5.	0.27		
+	5 COMBINED AT	INTRM1	1113.	5.10	307.	78.	75.	2.44		
+	HYDROGRAPH AT	D383S	1252.	4.50	302.	78.	75.	0.00		
+	ROUTED TO	383120	1237.	4.60	302.	78.	75.	0.00		
+									1.88	4.60
+	DIVERSION TO	D120S	813.	4.60	227.	59.	57.	0.00		
+	HYDROGRAPH AT	D120W	425.	4.60	75.	19.	18.	0.00		
+	ROUTED TO	120121	417.	4.70	75.	19.	18.	0.00		
+									1.52	4.70
+	HYDROGRAPH AT	D108S	143.	4.60	18.	5.	4.	0.00		
+	ROUTED TO	108121	136.	4.80	18.	5.	4.	0.00		
+									0.80	4.80
+	HYDROGRAPH AT	C392A	135.	4.55	39.	10.	10.	0.26		
+	3 COMBINED AT	C121	677.	4.75	132.	33.	32.	0.26		
+	DIVERSION TO	D121S	285.	4.75	41.	10.	10.	0.26		
+	HYDROGRAPH AT	D121W	393.	4.75	91.	23.	22.	0.26		
+	ROUTED TO	121123	391.	4.90	91.	23.	22.	0.26		
+	HYDROGRAPH AT	D109S	1020.	4.85	288.	73.	70.	0.00		
+	ROUTED TO	109122	1019.	4.90	288.	73.	70.	0.00		
+	DIVERSION TO	D122W	109.	4.90	18.	5.	4.	0.00		
+	HYDROGRAPH AT	D122S	910.	4.90	270.	68.	65.	0.00		

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA	MAXIMUM STAGE	TIME OF MAX STAGE
	ROUTED TO	122123	907.	5.00	270.	68.	65.	0.00		
+	HYDROGRAPH AT	C392B	263.	4.35	63.	16.	15.	0.34		
+	DIVERSION TO	C392BR	263.	4.50	33.	8.	8.	0.34		
+	HYDROGRAPH AT	DC392B	250.	4.50	30.	7.	7.	0.34		
+	3 COMBINED AT	C123	1434.	4.90	389.	98.	95.	0.60		
+	DIVERSION TO	D123W	246.	4.90	53.	13.	13.	0.60		
+	HYDROGRAPH AT	D123S	1188.	4.90	337.	85.	82.	0.60		
+	ROUTED TO	123126	1187.	4.95	337.	85.	82.	0.60		
+	HYDROGRAPH AT	DT391	759.	4.30	130.	32.	31.	0.99		
+	HYDROGRAPH AT	RM391	1166.	4.65	224.	56.	54.	1.98		
+	HYDROGRAPH AT	D120S	813.	4.60	227.	59.	57.	0.00		
+	ROUTED TO	120391	810.	4.70	227.	59.	57.	0.00		
+	3 COMBINED AT	C391	2563.	4.60	580.	147.	142.	2.97		
+	DIVERSION TO	D391S	1378.	4.60	350.	90.	86.	2.97		
+	HYDROGRAPH AT	D391W	1185.	4.60	230.	57.	55.	2.97		
+	ROUTED TO	391124	1184.	4.65	230.	58.	55.	2.97		
+	HYDROGRAPH AT	C392C	43.	4.30	11.	3.	3.	0.05		
+	DIVERSION TO	C392CR	21.	4.30	2.	1.	1.	0.05		
+	HYDROGRAPH AT	DC392C	43.	4.30	9.	2.	2.	0.05		
+	2 COMBINED AT	C124	1219.	4.65	239.	60.	58.	3.02		
+	DIVERSION TO	D124S	151.	4.65	27.	7.	7.	3.02		
+	HYDROGRAPH AT	D124W	1068.	4.65	212.	53.	51.	3.02		
+	ROUTED TO	124125	1063.	4.70	212.	53.	51.	3.02		
+	HYDROGRAPH AT	D121S	285.	4.75	41.	10.	10.	0.00		
+	ROUTED TO	121125	283.	4.85	41.	10.	10.	0.00		
+	HYDROGRAPH AT	C392D	109.	4.55	33.	9.	8.	0.19		
+	DIVERSION TO	C392DR	30.	4.55	4.	1.	1.	0.19		
+	HYDROGRAPH AT	DC392D	109.	4.55	30.	8.	7.	0.19		
+	3 COMBINED AT	C125	1412.	4.80	283.	71.	68.	3.21		

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA	MAXIMUM STAGE	TIME OF MAX STAGE
	DIVERSION TO	D125S	176.	4.80	28.	7.	7.	3.21		
+	HYDROGRAPH AT	D125W	1236.	4.80	255.	64.	61.	3.21		
+	ROUTED TO	125126	1227.	4.85	255.	64.	61.	3.21		
+	HYDROGRAPH AT	C392E	87.	4.55	28.	7.	7.	0.15		
+	DIVERSION TO	C392ER	83.	4.55	10.	3.	2.	0.15		
+	HYDROGRAPH AT	DC392E	87.	4.55	19.	5.	5.	0.15		
+	3 COMBINED AT	C126	2471.	4.90	610.	154.	148.	3.96		
+	DIVERSION TO	D126W	1525.	4.90	452.	114.	110.	3.96		
+	HYDROGRAPH AT	D126S	947.	4.90	159.	40.	38.	3.96		
+	ROUTED TO	126127	943.	4.95	159.	40.	38.	3.96		
+	HYDROGRAPH AT	C401C	56.	4.30	16.	4.	4.	0.07		
+	DIVERSION TO	C401CR	56.	4.55	9.	2.	2.	0.07		
+	HYDROGRAPH AT	DC401C	50.	4.55	7.	2.	2.	0.07		
+	2 COMBINED AT	C127	975.	4.95	166.	41.	40.	4.03		
+	HYDROGRAPH AT	C393M	16.	4.00	3.	1.	1.	0.01		
+	2 COMBINED AT	C128	977.	4.95	169.	42.	41.	4.05		
+	HYDROGRAPH AT	C393L	18.	4.05	4.	1.	1.	0.02		
+	DIVERSION TO	C393LR	18.	4.15	2.	1.	1.	0.02		
+	HYDROGRAPH AT	DC393L	17.	4.15	2.	0.	0.	0.02		
+	HYDROGRAPH AT	D126W	1525.	4.90	452.	114.	110.	0.00		
+	ROUTED TO	126129	1522.	4.90	452.	114.	110.	0.00		
+	2 COMBINED AT	C129	1527.	4.90	453.	114.	110.	0.02		
+	HYDROGRAPH AT	C393I	37.	4.45	10.	3.	2.	0.06		
+	HYDROGRAPH AT	D123W	246.	4.90	53.	13.	13.	0.00		
+	ROUTED TO	123132	246.	4.95	53.	13.	13.	0.00		
+	2 COMBINED AT	C132	272.	4.95	63.	16.	15.	0.06		
+	DIVERSION TO	D132S	141.	4.95	33.	8.	8.	0.06		
	HYDROGRAPH AT	D132W	131.	4.95	30.	7.	7.	0.06		
+	ROUTED TO	132133	130.	4.95	30.	7.	7.	0.06		

OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA	MAXIMUM STAGE	TIME OF MAX STAGE
HYDROGRAPH AT	C393J	6.	4.30	2.	0.	0.	0.01		
+ 2 COMBINED AT	C133	134.	4.95	31.	8.	8.	0.07		
+ HYDROGRAPH AT	D132S	141.	4.95	33.	8.	8.	0.00		
+ HYDROGRAPH AT	C393K	14.	4.40	4.	1.	1.	0.03		
+ 2 COMBINED AT	C130	150.	4.95	37.	9.	9.	0.03		
+ HYDROGRAPH AT	C393E	61.	4.45	17.	4.	4.	0.09		
+ 5 COMBINED AT	INTRM2	2829.	4.95	704.	178.	171.	4.24		
+ HYDROGRAPH AT	C393A	75.	4.50	23.	6.	6.	0.11		
+ DIVERSION TO	C393AR	51.	4.50	5.	1.	1.	0.11		
+ HYDROGRAPH AT	DC393A	75.	4.50	18.	5.	4.	0.11		
+ HYDROGRAPH AT	D110S	141.	4.90	24.	6.	6.	0.00		
+ ROUTED TO	110136	141.	5.05	24.	6.	6.	0.00		
+ HYDROGRAPH AT	D122W	109.	4.90	18.	5.	4.	0.00		
+ ROUTED TO	122136	109.	5.05	18.	5.	4.	0.00		
+ HYDROGRAPH AT	C393B	38.	4.45	10.	3.	3.	0.06		
+ DIVERSION TO	D135W	14.	4.45	3.	1.	1.	0.06		
+ HYDROGRAPH AT	D135S	24.	4.45	8.	2.	2.	0.06		
+ ROUTED TO	135136	24.	4.50	8.	2.	2.	0.06		
+ 4 COMBINED AT	C136	325.	5.00	68.	17.	17.	0.16		
+ DIVERSION TO	D136W	270.	5.00	64.	16.	15.	0.16		
+ HYDROGRAPH AT	D136S	54.	5.00	4.	1.	1.	0.16		
+ ROUTED TO	136137	53.	5.05	4.	1.	1.	0.16		
+								0.52	5.05
+ HYDROGRAPH AT	C393F	16.	4.30	4.	1.	1.	0.02		
+ 2 COMBINED AT	C137	61.	5.05	8.	2.	2.	0.18		
+ HYDROGRAPH AT	C393G	14.	4.45	4.	1.	1.	0.02		
+ HYDROGRAPH AT	D136W	270.	5.00	64.	16.	15.	0.00		
+ ROUTED TO	136138	270.	5.05	64.	16.	15.	0.00		
2 COMBINED AT	C138	280.	5.05	68.	17.	17.	0.02		
HYDROGRAPH AT									

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA	MAXIMUM STAGE	TIME OF MAX STAGE
+		C393C	45.	4.50	14.	4.	4.	0.07		
+	HYDROGRAPH AT	D111S	122.	4.95	21.	5.	5.	0.00		
+	ROUTED TO	111139	121.	5.10	21.	5.	5.	0.00		
+	DIVERSION TO	D139W	17.	5.10	3.	1.	1.	0.00		
+	HYDROGRAPH AT	D139S	104.	5.10	18.	5.	4.	0.00		
+	ROUTED TO	139140	104.	5.10	18.	5.	4.	0.00		
+	DIVERSION TO	D140S	52.	5.10	9.	2.	2.	0.00		
+	HYDROGRAPH AT	D140W	52.	5.10	9.	2.	2.	0.00		
+	ROUTED TO	140141	52.	5.15	9.	2.	2.	0.00		
+	2 COMBINED AT	C141	85.	5.05	23.	6.	6.	0.07		
+	HYDROGRAPH AT	C393H	34.	4.40	9.	2.	2.	0.05		
+	HYDROGRAPH AT	D135W	14.	4.45	3.	1.	1.	0.00		
+	ROUTED TO	135142	14.	4.60	3.	1.	1.	0.00		
+	HYDROGRAPH AT	D140S	52.	5.10	9.	2.	2.	0.00		
+	ROUTED TO	140142	52.	5.20	9.	2.	2.	0.00	0.51	5.20
+	3 COMBINED AT	C142	81.	5.10	21.	5.	5.	0.05		
+	HYDROGRAPH AT	C393D	23.	4.40	6.	2.	2.	0.03		
+	HYDROGRAPH AT	D139W	17.	5.10	3.	1.	1.	0.00		
+	ROUTED TO	139143	17.	5.15	3.	1.	1.	0.00		
+	2 COMBINED AT	C143	31.	5.05	9.	2.	2.	0.03		
+	HYDROGRAPH AT	C393N	38.	5.15	19.	5.	5.	0.14		
+	7 COMBINED AT	C144	3355.	4.95	852.	216.	208.	4.73		
+	HYDROGRAPH AT	DT400	757.	4.30	118.	30.	28.	2.95		
+	HYDROGRAPH AT	RM400	1206.	4.70	237.	59.	57.	0.99		
+	HYDROGRAPH AT	D391S	1378.	4.60	350.	90.	86.	0.00		
+	ROUTED TO	391400	1367.	4.80	350.	90.	86.	0.00		
+	3 COMBINED AT	C400	3049.	4.75	705.	178.	172.	3.94		
+	HYDROGRAPH AT	C401A	212.	4.50	60.	15.	15.	0.29		
+	DIVERSION TO	C401AR	36.	4.50	5.	1.	1.	0.29		

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA	MAXIMUM STAGE	TIME OF MAX STAGE
	HYDROGRAPH AT	DC401A	212.	4.50	55.	14.	13.	0.29		
+	HYDROGRAPH AT	D124S	151.	4.65	27.	7.	7.	0.00		
+	ROUTED TO	124145	149.	4.90	28.	7.	7.	0.00		
+	2 COMBINED AT	C145	325.	4.85	83.	21.	20.	0.29		
+	HYDROGRAPH AT	C401D	24.	4.30	6.	1.	1.	0.03		
+	HYDROGRAPH AT	C401B	90.	4.45	27.	7.	7.	0.13		
+	DIVERSION TO	C401BR	79.	4.45	8.	2.	2.	0.13		
+	HYDROGRAPH AT	DC401B	90.	4.45	19.	5.	5.	0.13		
+	HYDROGRAPH AT	D125S	176.	4.80	28.	7.	7.	0.00		
+	ROUTED TO	125147	173.	4.95	28.	7.	7.	0.00		
+	2 COMBINED AT	C147	242.	4.95	48.	12.	12.	0.13		
+	HYDROGRAPH AT	C401E	47.	4.15	10.	3.	2.	0.05		
+	HYDROGRAPH AT	C401F	26.	5.15	14.	4.	4.	0.11		
+	6 COMBINED AT	C149	3625.	4.75	864.	219.	211.	4.55		
+	3 COMBINED AT	C150	7644.	4.95	2022.	513.	493.	11.72		

*** NORMAL END OF HEC-1 ***

APPENDIX J. 10-YR, 6-HR FUTURE CONDITIONS HEC-1 OUTPUT

AGUA FRIA, NEW RIVER, AND SUN CITY SUB-AREA MODEL

RUNOFF SUMMARY
FLOW IN CUBIC FEET PER SECOND
TIME IN HOURS, AREA IN SQUARE MILES

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+	HYDROGRAPH AT	N21K	280.	4.07	21.	5.	4.	0.23
+	DIVERSION TO	N21KI*	139.	4.07	15.	4.	3.	0.23
+	HYDROGRAPH AT	DN21KL	141.	4.07	6.	1.	1.	0.23
+	DIVERSION TO	N21KI	61.	4.07	2.	1.	0.	0.23
+	HYDROGRAPH AT	DN21KO	80.	4.07	3.	1.	1.	0.23
+	ROUTED TO	RN21KS	43.	4.30	3.	1.	1.	0.23
+	HYDROGRAPH AT	N21I	77.	4.70	24.	6.	4.	0.28
+	DIVERSION TO	LN21ID	38.	4.30	2.	1.	0.	0.28
+	HYDROGRAPH AT	LN21I	77.	4.70	22.	6.	4.	0.28
+	2 COMBINED AT	CN21I*	92.	4.47	25.	6.	5.	0.50
+	HYDROGRAPH AT	N21J	267.	4.10	24.	6.	4.	0.23
	DIVERSION TO	LN21JD	149.	3.97	6.	2.	1.	0.23
+	HYDROGRAPH AT	LN21J	267.	4.10	18.	4.	3.	0.23
+	HYDROGRAPH AT	DR21K*	139.	4.07	15.	4.	3.	0.23
+	ROUTED TO	LN21K	0.	0.03	0.	0.	0.	0.23
+	HYDROGRAPH AT	DRN21K	61.	4.07	2.	1.	0.	0.23
+	ROUTED TO	RN21KE	30.	4.23	2.	1.	0.	0.23
+	3 COMBINED AT	CN21J	283.	4.10	20.	5.	4.	0.46
+	DIVERSION TO	N21JI	87.	4.10	6.	2.	1.	0.46
+	HYDROGRAPH AT	DN21JO	196.	4.10	14.	3.	2.	0.46
+	ROUTED TO	RN21JS	129.	4.40	14.	3.	2.	0.46
+	HYDROGRAPH AT	N21Z	96.	4.20	12.	3.	2.	0.11
+	DIVERSION TO	LN21ZD	96.	4.20	5.	1.	1.	0.11
	HYDROGRAPH AT	LN21Z	88.	4.27	7.	2.	1.	0.11
+	2 COMBINED AT	CN21Z	195.	4.37	20.	5.	4.	0.57

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	DIVERSION TO	N21ZI	0.	4.37	0.	0.	0.	0.57
+	HYDROGRAPH AT	DN21ZO	195.	4.37	20.	5.	4.	0.57
+	DIVERSION TO	N21ZI*	0.	4.33	0.	0.	0.	0.57
+	HYDROGRAPH AT	DN21Z*	195.	4.37	20.	5.	4.	0.57
+	ROUTED TO	RN21ZW	160.	4.57	20.	5.	4.	0.57
+	HYDROGRAPH AT	N11P	220.	4.27	24.	6.	4.	0.38
+	DIVERSION TO	LN11PD	212.	4.23	11.	3.	2.	0.38
+	HYDROGRAPH AT	LN11P	215.	4.30	13.	3.	2.	0.38
+	ROUTED TO	RN11P	119.	4.63	13.	3.	2.	0.38
+	HYDROGRAPH AT	N11L	26.	4.97	13.	4.	3.	0.29
+	2 COMBINED AT	CN11L	120.	4.63	23.	6.	4.	0.68
+	DIVERSION TO	N11LI	96.	4.63	18.	5.	3.	0.68
	HYDROGRAPH AT	DN11L	24.	4.63	5.	1.	1.	0.68
+	ROUTED TO	RN11LE	16.	5.50	5.	1.	1.	0.68
+	3 COMBINED AT	CN21I	218.	4.60	45.	11.	8.	0.85
+	ROUTED TO	RN21I	189.	4.77	45.	11.	8.	0.85
+	HYDROGRAPH AT	N22B	213.	4.17	21.	5.	4.	0.19
+	DIVERSION TO	N22BI	192.	4.17	19.	5.	3.	0.19
+	HYDROGRAPH AT	DN22B	21.	4.17	2.	1.	0.	0.19
+	ROUTED TO	RN22BE	10.	4.50	2.	1.	0.	0.19
+	HYDROGRAPH AT	N21F	74.	4.33	15.	4.	3.	0.10
+	3 COMBINED AT	CN21F	234.	4.77	59.	15.	11.	1.05
+	ROUTED TO	RN21F	220.	4.90	59.	15.	11.	1.05
+	HYDROGRAPH AT	N21G	60.	4.20	9.	2.	2.	0.06
	HYDROGRAPH AT	DR21Z*	0.	4.33	0.	0.	0.	0.57

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	ROUTED TO	RN21ZS	0.	5.17	0.	0.	0.	0.57
+	2 COMBINED AT	CN21G	60.	4.20	9.	2.	2.	0.06
+	DIVERSION TO	N21GI	0.	4.20	0.	0.	0.	0.06
+	HYDROGRAPH AT	DN21GO	60.	4.20	9.	2.	2.	0.06
+	ROUTED TO	RN21GS	52.	4.53	9.	2.	2.	0.06
+	HYDROGRAPH AT	N21E	46.	4.33	10.	3.	2.	0.06
+	DIVERSION TO	LN21ED	25.	4.03	1.	0.	0.	0.06
+	HYDROGRAPH AT	LN21E	46.	4.33	9.	2.	2.	0.06
+	3 COMBINED AT	CN21E	276.	4.87	75.	19.	14.	1.18
+	ROUTED TO	RN21E	262.	5.07	75.	19.	14.	1.18
+	HYDROGRAPH AT	N21D	63.	4.17	8.	2.	1.	0.05
+	DIVERSION TO	LN21DD	63.	4.17	8.	2.	1.	0.05
	HYDROGRAPH AT	LN21D	0.	0.03	0.	0.	0.	0.05
+	HYDROGRAPH AT	N22BIX	192.	4.17	19.	5.	3.	0.19
+	ROUTED TO	RN22BS	169.	4.40	19.	5.	3.	0.19
+	HYDROGRAPH AT	N22A	172.	4.23	28.	7.	5.	0.18
+	2 COMBINED AT	CN22A	329.	4.37	47.	12.	8.	0.37
+	DIVERSION TO	N22AI	49.	4.37	7.	2.	1.	0.37
+	HYDROGRAPH AT	DN22A	280.	4.37	40.	10.	7.	0.37
+	ROUTED TO	RN22AE	238.	4.70	40.	10.	7.	0.37
+	3 COMBINED AT	CN21D	402.	4.93	107.	27.	20.	1.60
+	DIVERSION TO	N21DI	60.	4.93	16.	4.	3.	1.60
+	HYDROGRAPH AT	DN21D	342.	4.93	91.	23.	17.	1.60
+	ROUTED TO	RN21DS	308.	5.47	91.	23.	17.	1.60
	HYDROGRAPH AT	N21C	227.	4.47	56.	14.	10.	0.39
	DIVERSION TO							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		LN21CD	227.	4.47	30.	7.	5.	0.39
+	HYDROGRAPH AT	LN21C	186.	4.83	27.	7.	5.	0.39
+	2 COMBINED AT	CN21C	385.	5.37	111.	28.	20.	1.99
+	ROUTED TO	RN21C	385.	5.40	111.	28.	20.	1.99
+	HYDROGRAPH AT	N24Q	56.	4.10	4.	1.	1.	0.04
+	DIVERSION TO	LN24QD	56.	4.10	4.	1.	1.	0.04
+	HYDROGRAPH AT	LN24Q	0.	0.03	0.	0.	0.	0.04
+	ROUTED TO	RN24Q	0.	0.03	0.	0.	0.	0.04
+	HYDROGRAPH AT	N24R	55.	4.10	5.	1.	1.	0.03
+	DIVERSION TO	LN24RD	55.	4.10	5.	1.	1.	0.03
+	HYDROGRAPH AT	LN24R	0.	0.03	0.	0.	0.	0.03
+	ROUTED TO	RN24R	0.	0.03	0.	0.	0.	0.03
+	HYDROGRAPH AT	N24O	178.	4.23	16.	4.	3.	0.16
+	DIVERSION TO	LN24OD	178.	4.23	16.	4.	3.	0.16
+	HYDROGRAPH AT	LN24O	0.	0.03	0.	0.	0.	0.16
+	3 COMBINED AT	CN24O	0.	0.03	0.	0.	0.	0.22
+	ROUTED TO	RN24O	0.	0.03	0.	0.	0.	0.22
+	HYDROGRAPH AT	N24S	86.	4.07	6.	2.	1.	0.05
+	DIVERSION TO	LN24SD	86.	4.07	6.	2.	1.	0.05
+	HYDROGRAPH AT	LN24S	0.	0.03	0.	0.	0.	0.05
+	ROUTED TO	RN24S	0.	0.03	0.	0.	0.	0.05
+	HYDROGRAPH AT	N24T	29.	4.07	2.	1.	0.	0.02
+	DIVERSION TO	LN24TD	29.	4.07	2.	0.	0.	0.02
+	HYDROGRAPH AT	LN24T	13.	4.23	0.	0.	0.	0.02
+	ROUTED TO	RN24T	4.	4.90	0.	0.	0.	0.02
+	HYDROGRAPH AT	N24P	147.	4.20	13.	3.	2.	0.12

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	DIVERSION TO	LN24PD	147.	4.20	13.	3.	2.	0.12
+	HYDROGRAPH AT	LN24P	0.	0.03	0.	0.	0.	0.12
+	4 COMBINED AT	CN24P	4.	4.90	0.	0.	0.	0.41
+	ROUTED TO	RN24P	4.	4.97	0.	0.	0.	0.41
+	HYDROGRAPH AT	N24U	186.	4.10	13.	3.	2.	0.11
+	DIVERSION TO	LN24UD	186.	4.10	13.	3.	2.	0.11
+	HYDROGRAPH AT	LN24U	0.	0.03	0.	0.	0.	0.11
+	ROUTED TO	RN24U	0.	0.03	0.	0.	0.	0.11
+	2 COMBINED AT	CN24U*	4.	4.97	0.	0.	0.	0.52
+	ROUTED TO	RN24U*	3.	5.20	0.	0.	0.	0.52
+	HYDROGRAPH AT	N24V	59.	4.10	5.	1.	1.	0.05
+	DIVERSION TO	LN24VD	59.	4.10	5.	1.	1.	0.05
	HYDROGRAPH AT	LN24V	0.	0.03	0.	0.	0.	0.05
+	ROUTED TO	RN24V	0.	0.03	0.	0.	0.	0.05
+	2 COMBINED AT	CN24V*	3.	5.20	0.	0.	0.	0.57
+	ROUTED TO	RN24V*	2.	5.57	0.	0.	0.	0.57
+	HYDROGRAPH AT	N24M	212.	4.33	23.	6.	4.	0.25
+	DIVERSION TO	LN24MD	212.	4.33	23.	6.	4.	0.25
+	HYDROGRAPH AT	LN24M	0.	0.03	0.	0.	0.	0.25
+	2 COMBINED AT	CN24M	2.	5.57	0.	0.	0.	0.82
+	ROUTED TO	RN24M	1.	6.00	0.	0.	0.	0.82
+	HYDROGRAPH AT	N24L	658.	4.07	37.	9.	7.	0.38
+	DIVERSION TO	LN24LD	658.	4.07	37.	9.	7.	0.38
+	HYDROGRAPH AT	LN24L	0.	0.03	0.	0.	0.	0.38
	ROUTED TO	RN24L	0.	0.03	0.	0.	0.	0.38
	2 COMBINED AT							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		CN24I*	1.	6.00	0.	0.	0.	1.20
+	ROUTED TO	RN24I*	1.	7.97	0.	0.	0.	1.20
+	HYDROGRAPH AT	N24I	135.	4.67	32.	8.	6.	0.30
+	DIVERSION TO	LN24ID	135.	4.67	32.	8.	6.	0.30
+	HYDROGRAPH AT	LN24I	0.	0.03	0.	0.	0.	0.30
+	HYDROGRAPH AT	N24H	336.	4.20	38.	9.	7.	0.29
+	DIVERSION TO	LN24HD	336.	4.20	34.	9.	6.	0.29
+	HYDROGRAPH AT	LN24H	45.	4.83	4.	1.	1.	0.29
+	HYDROGRAPH AT	N24N	134.	4.17	10.	3.	2.	0.13
+	DIVERSION TO	LN24ND	134.	4.17	10.	3.	2.	0.13
+	HYDROGRAPH AT	LN24N	0.	0.03	0.	0.	0.	0.13
+	ROUTED TO	RN24N	0.	0.03	0.	0.	0.	0.13
+	HYDROGRAPH AT	N24J	24.	5.17	9.	3.	2.	0.12
+	DIVERSION TO	LN24JD	24.	5.17	9.	3.	2.	0.12
+	HYDROGRAPH AT	LN24J	0.	0.03	0.	0.	0.	0.12
+	2 COMBINED AT	CN24J	0.	0.03	0.	0.	0.	0.25
+	ROUTED TO	RN24J	0.	0.03	0.	0.	0.	0.25
+	HYDROGRAPH AT	N24K	38.	5.17	14.	4.	3.	0.21
+	DIVERSION TO	LN24KD	38.	5.17	14.	4.	3.	0.21
+	HYDROGRAPH AT	LN24K	0.	0.03	0.	0.	0.	0.21
+	5 COMBINED AT	CN24I	45.	4.83	4.	1.	1.	2.25
+	ROUTED TO	RN24I	3.	5.33	1.	0.	0.	2.25
+	HYDROGRAPH AT	DRN21J	87.	4.10	6.	2.	1.	0.46
+	ROUTED TO	RN21JE	55.	4.60	6.	2.	1.	0.46
+	2 COMBINED AT	CN24G*	26.	4.67	4.	1.	1.	2.71
+	ROUTED TO	RN24G*	17.	5.47	4.	1.	1.	2.71

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	HYDROGRAPH AT	N24G	126.	5.10	37.	9.	7.	0.44
+	DIVERSION TO	LN24GD	126.	5.10	17.	4.	3.	0.44
+	HYDROGRAPH AT	LN24G	109.	5.43	21.	5.	4.	0.44
+	2 COMBINED AT	CN24G	33.	6.33	9.	2.	2.	3.15
+	HYDROGRAPH AT	DRN21Z	0.	4.37	0.	0.	0.	0.57
+	ROUTED TO	RN21ZE	0.	6.07	0.	0.	0.	0.57
+	2 COMBINED AT	CN24G+	33.	6.33	9.	2.	2.	3.15
+	ROUTED TO	RN24G	27.	6.57	9.	2.	2.	3.15
+	HYDROGRAPH AT	N24F	79.	4.37	10.	2.	2.	0.11
+	DIVERSION TO	LN24FD	77.	4.33	3.	1.	1.	0.11
+	HYDROGRAPH AT	LN24F	77.	4.40	6.	2.	1.	0.11
+	2 COMBINED AT	CN24F	36.	4.53	12.	3.	2.	3.26
	HYDROGRAPH AT	N24D	55.	4.23	8.	2.	1.	0.09
+	DIVERSION TO	LN24DD	55.	4.23	7.	2.	1.	0.09
+	HYDROGRAPH AT	LN24DX	1.	6.10	0.	0.	0.	0.09
+	2 COMBINED AT	CN24D	36.	4.53	12.	3.	2.	3.34
+	ROUTED TO	LN24D	1.	10.43	1.	1.	1.	3.34
+	HYDROGRAPH AT	N21H	34.	4.13	4.	1.	1.	0.03
+	DIVERSION TO	LN21HD	12.	3.90	1.	0.	0.	0.03
+	HYDROGRAPH AT	LN21H	34.	4.13	3.	1.	1.	0.03
+	HYDROGRAPH AT	DRN21G	0.	4.20	0.	0.	0.	0.06
+	ROUTED TO	RN21GE	0.	4.57	0.	0.	0.	0.06
+	2 COMBINED AT	CN21H	35.	4.13	3.	1.	1.	0.03
+	ROUTED TO	RN21H	24.	5.07	3.	1.	1.	0.03
	HYDROGRAPH AT	N24E	15.	4.20	1.	0.	0.	0.02
	DIVERSION TO							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		LN24ED	15.	4.20	1.	0.	0.	0.02
+	HYDROGRAPH AT	LN24E	0.	0.03	0.	0.	0.	0.02
+	ROUTED TO	RN24E	0.	0.03	0.	0.	0.	0.02
+	3 COMBINED AT	CN24D*	24.	5.10	5.	2.	2.	3.40
+	HYDROGRAPH AT	N27F	320.	4.17	31.	8.	6.	0.28
+	DIVERSION TO	LN27FD	320.	4.17	31.	8.	6.	0.28
+	HYDROGRAPH AT	LN27F	0.	0.03	0.	0.	0.	0.28
+	ROUTED TO	RN27F	0.	0.03	0.	0.	0.	0.28
+	HYDROGRAPH AT	N27G	218.	4.23	27.	7.	5.	0.26
+	DIVERSION TO	LN27GD	218.	4.23	27.	7.	5.	0.26
+	HYDROGRAPH AT	LN27G	0.	0.03	0.	0.	0.	0.26
+	2 COMBINED AT	CN27G	0.	0.03	0.	0.	0.	0.55
+	ROUTED TO	RN27G	0.	0.03	0.	0.	0.	0.55
+	HYDROGRAPH AT	N27E	162.	4.23	13.	3.	2.	0.19
+	DIVERSION TO	LN27ED	162.	4.23	13.	3.	2.	0.19
+	HYDROGRAPH AT	LN27E	0.	0.03	0.	0.	0.	0.19
+	ROUTED TO	RN27E	0.	0.03	0.	0.	0.	0.19
+	HYDROGRAPH AT	N27H	203.	4.20	21.	5.	4.	0.21
+	DIVERSION TO	LN27HD	203.	4.20	21.	5.	4.	0.21
+	HYDROGRAPH AT	LN27H	0.	0.03	0.	0.	0.	0.21
+	ROUTED TO	RN27H	0.	0.03	0.	0.	0.	0.21
+	HYDROGRAPH AT	N27C	67.	4.30	8.	2.	2.	0.09
+	DIVERSION TO	LN27CD	67.	4.30	8.	2.	2.	0.09
+	HYDROGRAPH AT	LN27C	0.	0.03	0.	0.	0.	0.09
+	4 COMBINED AT	CN27C	0.	0.03	0.	0.	0.	1.03
+	ROUTED TO	RN27C	0.	0.03	0.	0.	0.	1.03

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	HYDROGRAPH AT	N27I	203.	4.17	17.	4.	3.	0.17
+	DIVERSION TO	LN27ID	203.	4.17	17.	4.	3.	0.17
+	HYDROGRAPH AT	LN27I	0.	0.03	0.	0.	0.	0.17
+	ROUTED TO	RN27I	0.	0.03	0.	0.	0.	0.17
+	HYDROGRAPH AT	N27B	45.	4.40	8.	2.	1.	0.08
+	DIVERSION TO	LN27BD	45.	4.40	6.	1.	1.	0.08
+	HYDROGRAPH AT	LN27B	19.	5.03	2.	1.	0.	0.08
+	HYDROGRAPH AT	N27J	256.	4.13	18.	5.	3.	0.19
+	DIVERSION TO	LN27JD	256.	4.13	18.	5.	3.	0.19
+	HYDROGRAPH AT	LN27J	2.	5.27	0.	0.	0.	0.19
+	DIVERSION TO	N27JI	0.	5.27	0.	0.	0.	0.19
+	HYDROGRAPH AT	DN27J	2.	5.27	0.	0.	0.	0.19
	ROUTED TO	RN27JW	1.	6.63	0.	0.	0.	0.19
+	4 COMBINED AT	CN27B	19.	5.03	2.	1.	0.	1.46
+	ROUTED TO	RN27B	4.	5.40	1.	0.	0.	1.46
+	HYDROGRAPH AT	N27D	56.	4.23	10.	2.	2.	0.09
+	DIVERSION TO	LN27DD	56.	4.23	10.	2.	2.	0.09
+	HYDROGRAPH AT	LN27D	0.	0.03	0.	0.	0.	0.09
+	HYDROGRAPH AT	DRN27J	0.	5.27	0.	0.	0.	0.19
+	ROUTED TO	RN27JS	0.	5.67	0.	0.	0.	0.19
+	2 COMBINED AT	CN27D	0.	5.67	0.	0.	0.	0.28
+	DIVERSION TO	N27DI	0.	5.67	0.	0.	0.	0.28
+	HYDROGRAPH AT	DN27DO	0.	0.03	0.	0.	0.	0.28
+	ROUTED TO	RN27DW	0.	0.03	0.	0.	0.	0.28
	HYDROGRAPH AT	DRN27D	0.	5.67	0.	0.	0.	0.28
	ROUTED TO							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		RN27DS	0.	6.53	0.	0.	0.	0.28
+	HYDROGRAPH AT	N27K	203.	4.67	61.	16.	11.	0.63
+	DIVERSION TO	LN27KD	203.	4.67	61.	16.	11.	0.63
+	HYDROGRAPH AT	LN27K	0.	0.03	0.	0.	0.	0.63
+	ROUTED TO	RN27K	0.	0.03	0.	0.	0.	0.63
+	HYDROGRAPH AT	N27L	302.	4.47	48.	12.	9.	0.47
+	DIVERSION TO	LN27LD	302.	4.47	48.	12.	9.	0.47
+	HYDROGRAPH AT	LN27L	0.	0.03	0.	0.	0.	0.47
+	2 COMBINED AT	CN27L	0.	0.03	0.	0.	0.	1.09
+	ROUTED TO	RN27L	0.	0.03	0.	0.	0.	1.09
+	HYDROGRAPH AT	N25S	47.	4.07	5.	1.	1.	0.03
+	ROUTED TO	RN25S	40.	4.13	5.	1.	1.	0.03
+	2 COMBINED AT	CN25O*	32.	4.13	5.	1.	1.	1.12
+	ROUTED TO	RN25O*	24.	4.33	5.	1.	1.	1.12
+	HYDROGRAPH AT	N25O	93.	4.20	13.	3.	2.	0.13
+	DIVERSION TO	LN25OD	93.	4.20	11.	3.	2.	0.13
+	HYDROGRAPH AT	LN25O	28.	4.83	2.	1.	0.	0.13
+	2 COMBINED AT	CN25O	25.	4.83	6.	1.	1.	1.25
+	ROUTED TO	RN25O	18.	5.10	6.	1.	1.	1.25
+	4 COMBINED AT	CN27*	15.	4.87	4.	1.	1.	2.99
+	HYDROGRAPH AT	N27	85.	4.63	22.	6.	4.	0.28
+	DIVERSION TO	LN27DX	85.	4.63	22.	6.	4.	0.28
+	HYDROGRAPH AT	LN27	0.	0.03	0.	0.	0.	0.28
+	HYDROGRAPH AT	N27A	71.	4.40	13.	3.	2.	0.11
+	DIVERSION TO	LN27AD	71.	4.40	12.	3.	2.	0.11
+	HYDROGRAPH AT	LN27A	7.	6.00	1.	0.	0.	0.11

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	HYDROGRAPH AT	N26B	106.	4.57	24.	6.	4.	0.22
+	DIVERSION TO	LN26BD	106.	4.57	24.	6.	4.	0.22
+	HYDROGRAPH AT	LN26B	0.	0.03	0.	0.	0.	0.22
+	4 COMBINED AT	CN27	15.	4.87	4.	1.	1.	3.62
+	ROUTED TO	RN27	12.	5.40	4.	1.	1.	3.62
+	HYDROGRAPH AT	N26	42.	4.13	3.	1.	1.	0.04
+	DIVERSION TO	LN26D	42.	4.13	3.	1.	1.	0.04
+	HYDROGRAPH AT	LN26	0.	0.03	0.	0.	0.	0.04
+	HYDROGRAPH AT	N26A	178.	4.60	36.	9.	7.	0.35
+	DIVERSION TO	LN26AD	178.	4.60	26.	6.	5.	0.35
+	HYDROGRAPH AT	LN26A	88.	5.20	11.	3.	2.	0.35
+	3 COMBINED AT	CN26*	12.	5.40	4.	1.	1.	4.01
	HYDROGRAPH AT	N25R	179.	4.07	16.	4.	3.	0.09
+	ROUTED TO	RN25R	162.	4.10	16.	4.	3.	0.09
+	HYDROGRAPH AT	N25Q	53.	4.07	5.	1.	1.	0.03
+	ROUTED TO	RN25Q	47.	4.10	5.	1.	1.	0.03
+	HYDROGRAPH AT	N25P	298.	4.10	31.	8.	6.	0.17
+	DIVERSION TO	LN25PD	173.	3.93	11.	3.	2.	0.17
+	HYDROGRAPH AT	LN25P	298.	4.10	20.	5.	4.	0.17
+	ROUTED TO	RN25P	247.	4.20	20.	5.	4.	0.17
+	HYDROGRAPH AT	N25M	268.	4.13	35.	9.	6.	0.24
+	DIVERSION TO	LN25MD	268.	4.13	30.	8.	5.	0.24
+	HYDROGRAPH AT	LN25M	53.	4.77	4.	1.	1.	0.24
+	4 COMBINED AT	CN25M	438.	4.13	44.	11.	8.	0.53
	DIVERSION TO	N25MI	407.	4.13	43.	11.	8.	0.53
	HYDROGRAPH AT							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		DN25M	31.	4.13	1.	0.	0.	0.53
+	ROUTED TO	RN25MW	8.	4.33	1.	0.	0.	0.53
+	HYDROGRAPH AT	N25N	20.	4.13	3.	1.	0.	0.03
+	DIVERSION TO	LN25ND	20.	4.13	3.	1.	0.	0.03
+	HYDROGRAPH AT	LN25N	0.	0.03	0.	0.	0.	0.03
+	ROUTED TO	RN25N	0.	0.03	0.	0.	0.	0.03
+	2 COMBINED AT	CX3	8.	4.33	1.	0.	0.	0.55
+	DIVERSION TO	X3I	4.	4.33	0.	0.	0.	0.55
+	HYDROGRAPH AT	DX3O	4.	4.33	1.	0.	0.	0.55
+	ROUTED TO	RX3W	2.	5.30	1.	0.	0.	0.55
+	2 COMBINED AT	CN26	13.	5.40	4.	1.	1.	4.56
+	ROUTED TO	RN26	11.	5.77	4.	1.	1.	4.56
+	HYDROGRAPH AT	N25L	48.	4.27	6.	1.	1.	0.06
+	DIVERSION TO	LN25LD	10.	3.97	1.	0.	0.	0.06
+	HYDROGRAPH AT	LN25L	48.	4.27	5.	1.	1.	0.06
+	DIVERSION TO	N25LI	25.	4.27	3.	1.	0.	0.06
+	HYDROGRAPH AT	DN25L	23.	4.27	2.	1.	0.	0.06
+	ROUTED TO	RN25LW	18.	4.60	2.	1.	0.	0.06
+	HYDROGRAPH AT	N25K	94.	4.17	9.	2.	2.	0.09
+	DIVERSION TO	LN25KD	5.	3.67	1.	0.	0.	0.09
+	HYDROGRAPH AT	LN25K	94.	4.17	8.	2.	1.	0.09
+	2 COMBINED AT	CN25K	94.	4.17	10.	3.	2.	0.15
+	DIVERSION TO	N25KI	64.	4.17	5.	1.	1.	0.15
+	HYDROGRAPH AT	DN25K	30.	4.10	6.	1.	1.	0.15
+	ROUTED TO	RN25KW	29.	4.60	6.	1.	1.	0.15
+	HYDROGRAPH AT	N25J	78.	4.27	8.	2.	2.	0.10

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	DIVERSION TO	LN25JD	6.	3.80	1.	0.	0.	0.10
+	HYDROGRAPH AT	LN25J	78.	4.27	8.	2.	1.	0.10
+	3 COMBINED AT	CN25J	46.	4.47	13.	3.	2.	4.81
+	ROUTED TO	RN25J	33.	5.17	13.	3.	2.	4.81
+	HYDROGRAPH AT	N25G	46.	4.30	6.	1.	1.	0.06
+	HYDROGRAPH AT	DRN25K	64.	4.17	5.	1.	1.	0.15
+	ROUTED TO	RN25KS	26.	5.07	5.	1.	1.	0.15
+	2 COMBINED AT	CN25G	47.	4.30	10.	3.	2.	0.21
+	ROUTED TO	RN25G	29.	6.00	10.	3.	2.	0.21
+	HYDROGRAPH AT	N25I	82.	4.20	10.	2.	2.	0.12
+	3 COMBINED AT	CN25I	47.	5.20	23.	6.	4.	4.99
+	ROUTED TO	RN25I	46.	5.60	23.	6.	4.	4.99
	HYDROGRAPH AT	N25E	53.	4.80	21.	6.	4.	0.27
+	DIVERSION TO	LN25ED	53.	4.80	15.	4.	3.	0.27
+	HYDROGRAPH AT	LN25E	28.	6.20	7.	2.	1.	0.27
+	HYDROGRAPH AT	DRN25M	407.	4.13	43.	11.	8.	0.53
+	ROUTED TO	RN25MS	321.	4.33	43.	11.	8.	0.53
+	HYDROGRAPH AT	DRX3	4.	4.33	0.	0.	0.	0.55
+	ROUTED TO	RX3S	2.	4.97	0.	0.	0.	0.55
+	3 COMBINED AT	CN25E	320.	4.33	48.	13.	9.	0.82
+	DIVERSION TO	N25EI	40.	4.10	12.	3.	2.	0.82
+	HYDROGRAPH AT	DN25E	252.	4.33	32.	8.	6.	0.82
+	ROUTED TO	RN25EW	208.	4.50	32.	8.	6.	0.82
+	HYDROGRAPH AT	N25F	85.	4.23	8.	2.	1.	0.09
	HYDROGRAPH AT	DRN25L	25.	4.27	3.	1.	0.	0.06
	ROUTED TO							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		RN25LS	15.	5.07	3.	1.	0.	0.06
+	3 COMBINED AT	CN25F	238.	4.47	40.	10.	8.	0.97
+	ROUTED TO	RN25F	197.	4.73	40.	10.	8.	0.97
+	HYDROGRAPH AT	N25D	181.	4.17	19.	5.	3.	0.20
+	HYDROGRAPH AT	DRN25E	40.	4.10	12.	3.	2.	0.82
+	ROUTED TO	RN25ES	40.	5.03	12.	3.	2.	0.82
+	2 COMBINED AT	CN25D	184.	4.17	32.	8.	6.	0.20
+	DIVERSION TO	N25DI	99.	4.17	17.	5.	3.	0.20
+	HYDROGRAPH AT	DN25D	85.	4.17	15.	4.	3.	0.20
+	ROUTED TO	RN25DW	72.	4.40	15.	4.	3.	0.20
+	HYDROGRAPH AT	N25C	106.	4.23	15.	4.	3.	0.17
+	2 COMBINED AT	CN25C	169.	4.33	30.	8.	6.	0.37
+	DIVERSION TO	N25CI	63.	4.33	11.	3.	2.	0.37
+	HYDROGRAPH AT	DN25C	106.	4.33	19.	5.	3.	0.37
+	ROUTED TO	RN25CW	105.	4.37	19.	5.	3.	0.37
+	HYDROGRAPH AT	N25B	52.	4.30	10.	3.	2.	0.11
+	3 COMBINED AT	CN25B	264.	4.70	60.	16.	11.	1.45
+	DIVERSION TO	N25BI	99.	4.70	23.	6.	4.	1.45
+	HYDROGRAPH AT	DN25B	165.	4.70	38.	10.	7.	1.45
+	ROUTED TO	RN25BW	157.	4.80	38.	10.	7.	1.45
+	HYDROGRAPH AT	N25A	48.	4.47	9.	2.	2.	0.09
+	2 COMBINED AT	CN25A	180.	4.77	44.	11.	8.	1.55
+	DIVERSION TO	N25AI	132.	4.77	35.	9.	7.	1.55
+	HYDROGRAPH AT	DN25A	49.	4.77	9.	2.	2.	1.55
+	HYDROGRAPH AT	N25	48.	5.17	16.	4.	3.	0.24
+	DIVERSION TO	LN25D	48.	5.17	16.	4.	3.	0.24

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	HYDROGRAPH AT	LN25	0.	0.03	0.	0.	0.	0.24
+	HYDROGRAPH AT	N25H	29.	4.47	6.	1.	1.	0.07
+	4 COMBINED AT	CN25	66.	4.90	30.	8.	6.	6.85
+	ROUTED TO	RN25	60.	5.60	29.	8.	6.	6.85
+	HYDROGRAPH AT	N24B	52.	4.20	7.	2.	1.	0.07
+	HYDROGRAPH AT	DRN25D	99.	4.17	17.	5.	3.	0.20
+	ROUTED TO	RN25DS	80.	4.50	17.	5.	3.	0.20
+	2 COMBINED AT	CN24B	115.	4.43	23.	6.	4.	0.27
+	ROUTED TO	RN24B	112.	4.50	23.	6.	4.	0.27
+	HYDROGRAPH AT	DRN25C	63.	4.33	11.	3.	2.	0.37
+	ROUTED TO	RN25CS	60.	4.50	11.	3.	2.	0.37
+	2 COMBINED AT	CN24B*	161.	4.53	33.	9.	6.	0.64
	DIVERSION TO	N24BI	0.	4.50	0.	0.	0.	0.64
+	HYDROGRAPH AT	DN24B*	161.	4.53	33.	9.	6.	0.64
+	ROUTED TO	RN24BW	156.	4.60	33.	9.	6.	0.64
+	HYDROGRAPH AT	DRN25B	99.	4.70	23.	6.	4.	1.45
+	ROUTED TO	RN25BS	93.	4.90	23.	6.	4.	1.45
+	2 COMBINED AT	CN24C*	185.	4.77	48.	12.	9.	2.09
+	ROUTED TO	RN24C*	184.	4.83	48.	12.	9.	2.09
+	HYDROGRAPH AT	DRN25A	132.	4.77	35.	9.	7.	1.55
+	ROUTED TO	RN25AS	129.	4.90	35.	9.	7.	1.55
+	HYDROGRAPH AT	N24C	170.	4.17	21.	5.	4.	0.19
+	3 COMBINED AT	CN24C	295.	4.83	89.	23.	16.	3.73
+	ROUTED TO	RN24C	293.	4.90	89.	23.	16.	3.73
	HYDROGRAPH AT	N24	144.	4.17	18.	4.	3.	0.11
	HYDROGRAPH AT							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		N24A	168.	4.27	33.	8.	6.	0.24
+	DIVERSION TO	LN24AD	168.	4.27	24.	6.	4.	0.24
+	HYDROGRAPH AT	LN24A	81.	4.90	9.	2.	2.	0.24
+	HYDROGRAPH AT	DRN24B	0.	4.50	0.	0.	0.	0.64
+	ROUTED TO	RN24BS	0.	4.63	0.	0.	0.	0.64
+	HYDROGRAPH AT	A21A	126.	4.10	10.	3.	2.	0.08
+	ROUTED TO	RA21A	113.	4.20	10.	3.	2.	0.08
+	2 COMBINED AT	X30	100.	4.20	10.	3.	2.	0.72
+	DIVERSION TO	X30I	29.	4.57	6.	2.	1.	0.72
+	HYDROGRAPH AT	DX30	72.	4.20	4.	1.	1.	0.72
+	ROUTED TO	RX30W	42.	4.37	4.	1.	1.	0.72
+	6 COMBINED AT	CN24	305.	5.03	121.	32.	23.	10.60
+	ROUTED TO	RN24	274.	5.50	121.	32.	23.	10.60
+	HYDROGRAPH AT	DRX30	29.	4.57	6.	2.	1.	0.72
+	ROUTED TO	RX30S	24.	4.63	6.	2.	1.	0.72
+	HYDROGRAPH AT	N23A	435.	4.23	58.	15.	11.	0.49
+	DIVERSION TO	LN23AD	435.	4.23	29.	7.	5.	0.49
+	HYDROGRAPH AT	LN23A	394.	4.33	29.	7.	5.	0.49
+	2 COMBINED AT	CN23A	280.	4.50	31.	8.	6.	1.13
+	DIVERSION TO	N23AI	70.	4.50	8.	2.	1.	1.13
+	HYDROGRAPH AT	DN23A	210.	4.50	23.	6.	4.	1.13
+	ROUTED TO	RN23AW	136.	4.80	23.	6.	4.	1.13
+	HYDROGRAPH AT	N23	133.	4.70	42.	11.	8.	0.39
+	HYDROGRAPH AT	DRN21D	60.	4.93	16.	4.	3.	1.60
+	ROUTED TO	RN21DE	53.	5.57	16.	4.	3.	1.60
+	4 COMBINED AT	CN23	385.	5.43	165.	44.	32.	13.72

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	ROUTED TO	RN23	356.	6.03	165.	44.	32.	13.72
+	HYDROGRAPH AT	A21C	73.	4.03	6.	2.	1.	0.05
+	ROUTED TO	A21CRR	27.	4.30	6.	2.	1.	0.05
+	ROUTED TO	RA21C	26.	4.37	6.	2.	1.	0.05
+	HYDROGRAPH AT	A21D	37.	4.03	3.	1.	1.	0.02
+	ROUTED TO	RA21D	35.	4.07	3.	1.	1.	0.02
+	HYDROGRAPH AT	A21E	114.	4.00	9.	2.	2.	0.06
+	2 COMBINED AT	CA21E	144.	4.00	12.	3.	2.	0.08
+	ROUTED TO	A21ERR	99.	4.10	12.	3.	2.	0.08
+	DIVERSION TO	A21EI	30.	4.10	3.	1.	1.	0.08
+	HYDROGRAPH AT	DA21E	69.	4.10	8.	2.	2.	0.08
+	ROUTED TO	RA21ES	67.	4.17	8.	2.	2.	0.08
+	HYDROGRAPH AT	A21K	105.	4.03	8.	2.	1.	0.07
+	3 COMBINED AT	CA21K	167.	4.10	23.	6.	4.	0.20
+	ROUTED TO	A21KRR	132.	4.23	22.	6.	4.	0.20
+	HYDROGRAPH AT	A21L	33.	4.07	4.	1.	1.	0.03
+	2 COMBINED AT	CA21L	158.	4.20	26.	7.	5.	0.23
+	ROUTED TO	A21LRR	134.	4.33	79.	75.	75.	0.23
+	ROUTED TO	RA21L	133.	4.43	79.	75.	75.	0.23
+	HYDROGRAPH AT	A21M	9.	4.27	2.	1.	0.	0.02
+	ROUTED TO	A21MRR	0.	0.03	0.	0.	0.	0.02
+	ROUTED TO	RA21M	0.	0.03	0.	0.	0.	0.02
+	HYDROGRAPH AT	DA21EW	30.	4.10	3.	1.	1.	0.08
+	HYDROGRAPH AT	A21F	87.	4.03	7.	2.	1.	0.05
+	ROUTED TO	RA21F	87.	4.07	7.	2.	1.	0.05
	ROUTED TO							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		RA21F	86.	4.07	7.	2.	1.	0.05
+	HYDROGRAPH AT	A21G	73.	4.03	6.	2.	1.	0.04
+	3 COMBINED AT	CA21G	181.	4.07	17.	4.	3.	0.16
+	ROUTED TO	A21GRR	156.	4.13	17.	4.	3.	0.16
+	HYDROGRAPH AT	A21H	14.	4.00	1.	0.	0.	0.01
+	2 COMBINED AT	CA21H	163.	4.10	18.	5.	3.	0.17
+	ROUTED TO	A21HRR	128.	4.23	18.	5.	3.	0.17
+	HYDROGRAPH AT	A21I	67.	4.03	5.	1.	1.	0.04
+	ROUTED TO	RA21I	64.	4.10	5.	1.	1.	0.04
+	HYDROGRAPH AT	A21J	181.	4.03	15.	4.	3.	0.11
+	3 COMBINED AT	CA21J	323.	4.10	38.	10.	7.	0.32
+	ROUTED TO	A21JRR	299.	4.17	38.	10.	7.	0.32
+	ROUTED TO	RA21J	286.	4.23	38.	10.	7.	0.32
+	HYDROGRAPH AT	A21N	394.	4.07	31.	8.	6.	0.26
+	4 COMBINED AT	CA21N	581.	4.10	144.	92.	87.	0.75
+	ROUTED TO	A21NRR	383.	4.43	142.	91.	84.	0.75
+	HYDROGRAPH AT	A21O	20.	4.03	2.	1.	0.	0.01
+	2 COMBINED AT	CA21O	386.	4.40	144.	92.	85.	0.76
+	ROUTED TO	A21ORR	381.	4.50	144.	92.	84.	0.76
+	HYDROGRAPH AT	A21U	179.	4.10	17.	4.	3.	0.14
+	DIVERSION TO	A21UR	77.	3.90	4.	1.	1.	0.14
+	HYDROGRAPH AT	LA21U	179.	4.10	14.	3.	2.	0.14
+	2 COMBINED AT	CA21U	429.	4.37	155.	94.	86.	0.90
+	ROUTED TO	A21URR	312.	4.87	153.	94.	84.	0.90
+	DIVERSION TO	DA21US	15.	1.37	15.	15.	15.	0.90
+	HYDROGRAPH AT	DA21U	297.	4.87	138.	79.	69.	0.90

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	HYDROGRAPH AT	N21A36	7.	4.20	1.	0.	0.	0.02
+	HYDROGRAPH AT	N21AP3	5.	4.20	1.	0.	0.	0.01
+	3 COMBINED AT	C21AP3	301.	4.87	140.	79.	69.	0.92
+	ROUTED TO	L21AP3	300.	4.90	140.	79.	69.	0.92
+	HYDROGRAPH AT	N21A25	6.	4.03	1.	0.	0.	0.00
+	ROUTED TO	R21A25	6.	4.10	1.	0.	0.	0.00
+	HYDROGRAPH AT	N21A24	5.	4.20	1.	0.	0.	0.02
+	HYDROGRAPH AT	N21A26	8.	4.33	2.	1.	0.	0.03
+	HYDROGRAPH AT	N21A27	0.	4.70	0.	0.	0.	0.00
+	4 COMBINED AT	C21A27	18.	4.20	4.	1.	1.	0.05
+	ROUTED TO	L21A27	2.	5.90	2.	1.	1.	0.05
+	HYDROGRAPH AT	N21A23	8.	4.33	2.	1.	0.	0.03
+	ROUTED TO	R21A23	8.	4.53	2.	1.	0.	0.03
+	HYDROGRAPH AT	N21A28	0.	5.00	0.	0.	0.	0.01
+	HYDROGRAPH AT	N21A29	4.	4.40	1.	0.	0.	0.02
+	4 COMBINED AT	C21A28	14.	4.53	5.	2.	1.	0.10
+	ROUTED TO	L2A281	6.	5.87	5.	3.	3.	0.10
+	ROUTED TO	L2A282	6.	7.37	5.	4.	4.	0.10
+	HYDROGRAPH AT	N21A32	0.	4.87	0.	0.	0.	0.00
+	2 COMBINED AT	C21A32	6.	7.33	5.	4.	4.	0.11
+	ROUTED TO	L2A283	5.	9.00	5.	4.	4.	0.11
+	HYDROGRAPH AT	N21A31	8.	4.17	1.	0.	0.	0.02
+	HYDROGRAPH AT	N21A33	11.	4.37	3.	1.	1.	0.04
+	3 COMBINED AT	C21A33	22.	4.30	9.	5.	5.	0.16
+	HYDROGRAPH AT	N21A22	5.	4.23	1.	0.	0.	0.01
	HYDROGRAPH AT							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		DRN23A	70.	4.50	8.	2.	1.	1.13
+	ROUTED TO	RN23AS	48.	5.50	8.	2.	1.	1.13
+	2 COMBINED AT	C21A22	63.	5.20	10.	3.	2.	0.01
+	DIVERSION TO	21A22I	60.	5.20	9.	2.	2.	0.01
+	HYDROGRAPH AT	D21A22	3.	3.97	2.	0.	0.	0.01
+	HYDROGRAPH AT	N21A30	8.	4.30	2.	0.	0.	0.02
+	HYDROGRAPH AT	N21AP1	4.	4.80	2.	1.	0.	0.02
+	4 COMBINED AT	C21AP1	36.	4.33	14.	7.	6.	0.21
+	ROUTED TO	L21AP1	23.	5.07	14.	7.	6.	0.21
+	HYDROGRAPH AT	N21AP2	7.	4.20	1.	0.	0.	0.01
+	2 COMBINED AT	C21AP2	25.	4.83	15.	7.	6.	0.22
+	ROUTED TO	L21AP2	25.	4.83	15.	7.	6.	0.22
+	HYDROGRAPH AT	N21A37	6.	4.20	1.	0.	0.	0.01
+	3 COMBINED AT	C21APA	314.	4.90	152.	86.	75.	1.16
+	HYDROGRAPH AT	N21A34	8.	4.17	1.	0.	0.	0.02
+	HYDROGRAPH AT	N21A35	6.	4.13	1.	0.	0.	0.01
+	HYDROGRAPH AT	N21AP5	5.	4.13	1.	0.	0.	0.01
+	ROUTED TO	L21AP5	1.	5.23	0.	0.	0.	0.01
+	HYDROGRAPH AT	N21AP4	18.	4.27	4.	1.	1.	0.03
+	5 COMBINED AT	C21APB	323.	4.87	157.	87.	76.	1.23
+	ROUTED TO	L21AP4	305.	5.17	156.	87.	75.	1.23
+	HYDROGRAPH AT	N21A39	5.	4.43	2.	1.	0.	0.01
+	HYDROGRAPH AT	DR2122	60.	5.20	9.	2.	2.	0.01
+	ROUTED TO	R21A22	54.	5.57	9.	2.	2.	0.01
+	3 COMBINED AT	C21A39	319.	5.47	165.	89.	76.	1.24
+	ROUTED TO	R21A39	318.	5.53	165.	89.	76.	1.24

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	HYDROGRAPH AT	N21A40	13.	4.40	3.	1.	1.	0.05
+	2 COMBINED AT	C21A40	320.	5.53	167.	90.	77.	1.29
+	HYDROGRAPH AT	N21A41	9.	4.33	2.	1.	0.	0.03
+	HYDROGRAPH AT	N21A42	7.	4.33	2.	0.	0.	0.02
+	HYDROGRAPH AT	N21A43	1.	4.20	0.	0.	0.	0.00
+	4 COMBINED AT	C21A42	322.	5.50	170.	90.	77.	1.34
+	ROUTED TO	L21A43	324.	5.50	170.	90.	76.	1.34
+	HYDROGRAPH AT	A21P	44.	4.10	6.	1.	1.	0.04
+	ROUTED TO	A21PRR	16.	4.13	6.	1.	1.	0.04
+	ROUTED TO	RA21P	16.	4.20	6.	1.	1.	0.04
+	HYDROGRAPH AT	A21V	67.	4.03	4.	1.	1.	0.04
+	DIVERSION TO	A21VR	67.	4.03	4.	1.	1.	0.04
+	HYDROGRAPH AT	LA21V	0.	0.03	0.	0.	0.	0.04
+	HYDROGRAPH AT	A21Q	34.	4.13	6.	1.	1.	0.04
+	3 COMBINED AT	CA21Q	50.	4.13	11.	3.	2.	0.11
+	ROUTED TO	A21QRR	46.	4.27	11.	3.	2.	0.11
+	HYDROGRAPH AT	A21R	12.	4.03	1.	0.	0.	0.01
+	2 COMBINED AT	CA21R	52.	4.23	12.	3.	2.	0.12
+	ROUTED TO	A21RRR	49.	4.37	12.	3.	2.	0.12
+	HYDROGRAPH AT	A21S	20.	4.07	2.	1.	0.	0.01
+	2 COMBINED AT	CA21S	58.	4.30	14.	4.	3.	0.14
+	ROUTED TO	A21SRR	57.	4.37	14.	4.	3.	0.14
+	HYDROGRAPH AT	A21T	59.	4.07	5.	1.	1.	0.04
+	2 COMBINED AT	CA21T	88.	4.10	19.	5.	4.	0.18
+	ROUTED TO	A21TRR	16.	4.10	16.	5.	4.	0.18
	ROUTED TO							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		RA21T	16.	4.17	16.	5.	4.	0.18
+	HYDROGRAPH AT	A21AE	92.	4.03	7.	2.	1.	0.05
+	DIVERSION TO	A21AER	92.	4.03	7.	2.	1.	0.05
+	HYDROGRAPH AT	LA21AE	0.	0.03	0.	0.	0.	0.05
+	HYDROGRAPH AT	A21AF	6.	4.03	1.	0.	0.	0.00
+	DIVERSION TO	A21AFR	6.	4.03	1.	0.	0.	0.00
+	HYDROGRAPH AT	LA21AF	0.	0.03	0.	0.	0.	0.00
+	HYDROGRAPH AT	A21X	18.	4.10	2.	0.	0.	0.02
+	DIVERSION TO	A21XR	18.	4.10	2.	0.	0.	0.02
+	HYDROGRAPH AT	LA21X	0.	0.03	0.	0.	0.	0.02
+	HYDROGRAPH AT	A21W	13.	4.10	1.	0.	0.	0.02
+	DIVERSION TO	A21WR	13.	4.10	1.	0.	0.	0.02
+	HYDROGRAPH AT	LA21W	0.	0.03	0.	0.	0.	0.02
+	5 COMBINED AT	CA21AE	16.	4.17	16.	5.	4.	0.27
+	HYDROGRAPH AT	A21Y	81.	4.07	7.	2.	1.	0.05
+	DIVERSION TO	A21YR	81.	4.07	7.	2.	1.	0.05
+	HYDROGRAPH AT	LA21Y	0.	6.10	0.	0.	0.	0.05
+	HYDROGRAPH AT	A21Z	100.	4.07	8.	2.	2.	0.06
+	DIVERSION TO	A21ZR	100.	4.07	8.	2.	2.	0.06
+	HYDROGRAPH AT	LA21Z	0.	0.03	0.	0.	0.	0.06
+	ROUTED TO	RA21Z	0.	0.03	0.	0.	0.	0.06
+	HYDROGRAPH AT	A21AB	72.	4.03	7.	2.	1.	0.04
+	DIVERSION TO	A21ABR	72.	4.03	7.	2.	1.	0.04
+	HYDROGRAPH AT	LA21AB	0.	0.03	0.	0.	0.	0.04
+	3 COMBINED AT	CA21AB	0.	6.10	0.	0.	0.	0.15
+	ROUTED TO	RA21AB	0.	6.23	0.	0.	0.	0.15

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	HYDROGRAPH AT	A21AC	47.	4.00	4.	1.	1.	0.02
+	DIVERSION TO	A21ACR	47.	4.00	4.	1.	1.	0.02
+	HYDROGRAPH AT	LA21AC	0.	0.03	0.	0.	0.	0.02
+	HYDROGRAPH AT	A21AA	22.	4.03	2.	0.	0.	0.01
+	DIVERSION TO	A21AAR	22.	4.03	2.	0.	0.	0.01
+	HYDROGRAPH AT	LA21AA	5.	4.30	0.	0.	0.	0.01
+	HYDROGRAPH AT	A21AD	79.	4.07	8.	2.	1.	0.05
+	DIVERSION TO	A21ADR	79.	4.07	8.	2.	1.	0.05
+	HYDROGRAPH AT	LA21AD	9.	4.73	1.	0.	0.	0.05
+	4 COMBINED AT	CA21AD	9.	4.73	1.	0.	0.	0.24
+	ROUTED TO	RA21AD	8.	4.83	1.	0.	0.	0.24
+	2 COMBINED AT	A21AEC	24.	4.83	17.	5.	4.	0.51
+	ROUTED TO	RA21AE	24.	4.90	17.	5.	4.	0.51
+	HYDROGRAPH AT	A21AG	54.	4.03	4.	1.	1.	0.03
+	DIVERSION TO	A21AGR	54.	4.03	4.	1.	1.	0.03
+	HYDROGRAPH AT	LA21AG	0.	0.03	0.	0.	0.	0.03
+	2 COMBINED AT	CA21AG	24.	4.90	17.	5.	4.	0.54
+	ROUTED TO	RA21AG	23.	4.93	17.	5.	4.	0.54
+	HYDROGRAPH AT	A21AH	42.	4.03	3.	1.	1.	0.03
+	DIVERSION TO	A21AHR	42.	4.03	3.	1.	1.	0.03
+	HYDROGRAPH AT	LA21AH	0.	0.03	0.	0.	0.	0.03
+	HYDROGRAPH AT	A21AI	11.	4.03	1.	0.	0.	0.01
+	DIVERSION TO	A21AIR	11.	4.03	1.	0.	0.	0.01
+	HYDROGRAPH AT	LA21AI	0.	0.03	0.	0.	0.	0.01
+	HYDROGRAPH AT	A21AJ	17.	4.07	2.	1.	0.	0.01
	DIVERSION TO							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		A21AIR	17.	4.07	2.	1.	0.	0.01
+	HYDROGRAPH AT	LA21AI	0.	0.03	0.	0.	0.	0.01
+	3 COMBINED AT	CA21AJ	0.	0.03	0.	0.	0.	0.04
+	HYDROGRAPH AT	A21AK	81.	4.03	8.	2.	1.	0.04
+	DIVERSION TO	A21AKR	81.	4.03	8.	2.	1.	0.04
+	HYDROGRAPH AT	LA21AK	0.	0.03	0.	0.	0.	0.04
+	HYDROGRAPH AT	DA21US	15.	1.37	15.	15.	15.	0.90
+	ROUTED TO	RA21US	15.	1.57	15.	15.	15.	0.90
+	HYDROGRAPH AT	N21A38	7.	4.30	2.	0.	0.	0.02
+	ROUTED TO	L21A38	1.	6.00	0.	0.	0.	0.02
+	ROUTED TO	R21A38	1.	6.30	0.	0.	0.	0.02
+	5 COMBINED AT	CN21B	37.	4.93	32.	20.	18.	0.65
+	ROUTED TO	RN21B	36.	5.13	32.	20.	18.	0.65
+	HYDROGRAPH AT	N21A44	17.	4.20	3.	1.	1.	0.03
+	ROUTED TO	L21A44	0.	0.03	0.	0.	0.	0.03
+	ROUTED TO	R21A44	0.	0.03	0.	0.	0.	0.03
+	HYDROGRAPH AT	N21A90	4.	4.53	2.	0.	0.	0.01
+	4 COMBINED AT	C21A43	334.	5.20	195.	108.	93.	2.03
+	ROUTED TO	R21A43	333.	5.37	195.	108.	93.	2.03
+	HYDROGRAPH AT	N21A19	3.	4.17	0.	0.	0.	0.01
+	HYDROGRAPH AT	N21A91	3.	4.27	1.	0.	0.	0.00
+	3 COMBINED AT	C21A91	335.	5.33	196.	109.	93.	2.04
+	ROUTED TO	R21A91	334.	5.40	196.	109.	93.	2.04
+	HYDROGRAPH AT	N21A4	4.	4.17	1.	0.	0.	0.01
+	DIVERSION TO	21A4I	2.	4.17	0.	0.	0.	0.01
+	HYDROGRAPH AT	D21A4	3.	4.17	0.	0.	0.	0.01

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	HYDROGRAPH AT	N21A2	4.	4.20	1.	0.	0.	0.01
+	HYDROGRAPH AT	N21A3	6.	4.23	1.	0.	0.	0.02
+	3 COMBINED AT	C21A3	12.	4.20	2.	1.	0.	0.03
+	ROUTED TO	R21A3	12.	4.30	2.	1.	0.	0.03
+	HYDROGRAPH AT	N21A1	17.	4.17	2.	1.	0.	0.02
+	ROUTED TO	R21A1	16.	4.33	2.	1.	0.	0.02
+	HYDROGRAPH AT	N21A5	1.	4.67	0.	0.	0.	0.01
+	3 COMBINED AT	C21A5	28.	4.33	5.	1.	1.	0.07
+	ROUTED TO	R21A5	28.	4.40	5.	1.	1.	0.07
+	HYDROGRAPH AT	DR21A4	2.	4.17	0.	0.	0.	0.01
+	ROUTED TO	R21A4	2.	4.27	0.	0.	0.	0.01
+	HYDROGRAPH AT	N21A6	10.	4.17	2.	0.	0.	0.02
+	2 COMBINED AT	C21A6	11.	4.20	2.	0.	0.	0.02
+	ROUTED TO	R21A6	11.	4.33	2.	0.	0.	0.02
+	HYDROGRAPH AT	N21A7	6.	4.17	1.	0.	0.	0.01
+	ROUTED TO	R21A7	6.	4.50	1.	0.	0.	0.01
+	HYDROGRAPH AT	N21A8	0.	0.03	0.	0.	0.	0.01
+	4 COMBINED AT	C21A8	44.	4.40	8.	2.	1.	0.11
+	ROUTED TO	L21A8	1.	6.57	1.	1.	1.	0.11
+	ROUTED TO	R21A8	1.	6.77	1.	1.	1.	0.11
+	HYDROGRAPH AT	N21A9	11.	4.23	2.	0.	0.	0.03
+	ROUTED TO	R21A9	11.	4.33	2.	0.	0.	0.03
+	HYDROGRAPH AT	N21A10	20.	4.23	4.	1.	1.	0.05
+	HYDROGRAPH AT	N21A11	1.	4.57	0.	0.	0.	0.01
+	HYDROGRAPH AT	N21A12	4.	4.30	1.	0.	0.	0.01
	5 COMBINED AT							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		C21A11	35.	4.30	8.	3.	2.	0.21
+	ROUTED TO	L21A11	17.	4.90	8.	3.	2.	0.21
+	ROUTED TO	L21A14	17.	4.93	8.	3.	2.	0.21
+	ROUTED TO	R21A11	17.	4.97	8.	3.	2.	0.21
+	HYDROGRAPH AT	N21A14	5.	4.77	2.	0.	0.	0.06
+	2 COMBINED AT	C21A14	22.	4.90	9.	3.	2.	0.27
+	HYDROGRAPH AT	N21A13	9.	4.20	2.	0.	0.	0.02
+	HYDROGRAPH AT	N21A15	5.	4.23	1.	0.	0.	0.01
+	3 COMBINED AT	C21A15	29.	4.53	12.	4.	3.	0.30
+	ROUTED TO	L21A15	20.	5.60	12.	4.	3.	0.30
+	HYDROGRAPH AT	N21A17	1.	4.53	1.	0.	0.	0.01
+	ROUTED TO	L21A17	1.	4.90	1.	0.	0.	0.01
+	2 COMBINED AT	C21A17	21.	5.50	12.	4.	3.	0.32
+	HYDROGRAPH AT	N21A16	7.	4.30	2.	0.	0.	0.02
+	ROUTED TO	L21A16	12.	0.03	12.	12.	12.	0.02
+	2 COMBINED AT	C21A16	33.	5.50	24.	16.	15.	0.34
+	ROUTED TO	R21A16	33.	5.57	24.	16.	15.	0.34
+	HYDROGRAPH AT	N21A20	0.	5.00	0.	0.	0.	0.00
+	2 COMBINED AT	C21A20	33.	5.53	24.	16.	15.	0.34
+	ROUTED TO	L21A20	33.	5.57	24.	16.	15.	0.34
+	HYDROGRAPH AT	N21A18	9.	4.30	2.	1.	0.	0.03
+	2 COMBINED AT	C21A18	37.	4.57	26.	16.	15.	0.37
+	ROUTED TO	R21A18	37.	4.63	26.	16.	15.	0.37
+	HYDROGRAPH AT	N21A21	13.	4.17	2.	0.	0.	0.02
+	ROUTED TO	L21A21	3.	4.97	1.	0.	0.	0.02
+	HYDROGRAPH AT	N21A92	3.	4.37	1.	0.	0.	0.01

OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
4 COMBINED AT	CN21A	344.	5.43	211.	122.	106.	3.72
+ ROUTED TO	RN21A	344.	5.53	211.	122.	105.	3.72
+ HYDROGRAPH AT	N21	258.	4.70	84.	22.	16.	0.62
+ DIVERSION TO	LN21DX	89.	4.10	9.	2.	2.	0.62
+ HYDROGRAPH AT	LN21	258.	4.70	78.	19.	14.	0.62
+ 4 COMBINED AT	CN21	990.	5.63	497.	195.	160.	15.37
+ HYDROGRAPH AT	A09U	246.	4.13	21.	5.	4.	0.17
+ DIVERSION TO	LA09UD	209.	4.03	9.	2.	2.	0.17
+ HYDROGRAPH AT	LA09U	246.	4.13	12.	3.	2.	0.17
+ DIVERSION TO	A09UI	49.	4.13	2.	1.	0.	0.17
+ HYDROGRAPH AT	DA09U	197.	4.13	10.	2.	2.	0.17
+ ROUTED TO	RA09US	94.	4.47	10.	2.	2.	0.17
+ HYDROGRAPH AT	N11N	341.	4.07	24.	6.	4.	0.26
+ DIVERSION TO	LN11ND	18.	3.60	2.	0.	0.	0.26
+ HYDROGRAPH AT	LN11N	341.	4.07	23.	6.	4.	0.26
+ DIVERSION TO	N11NI	316.	4.07	20.	5.	4.	0.26
+ HYDROGRAPH AT	DN11N	25.	4.07	2.	1.	0.	0.26
+ ROUTED TO	RN11NW	17.	4.73	2.	1.	0.	0.26
+ HYDROGRAPH AT	N11O	54.	4.20	5.	1.	1.	0.05
+ DIVERSION TO	LN11OD	54.	4.20	5.	1.	1.	0.05
+ HYDROGRAPH AT	LN11O	0.	6.63	0.	0.	0.	0.05
+ DIVERSION TO	N11OI	0.	6.60	0.	0.	0.	0.05
+ HYDROGRAPH AT	DN11O	0.	6.63	0.	0.	0.	0.05
+ ROUTED TO	RN11OS	0.	7.20	0.	0.	0.	0.05
+ HYDROGRAPH AT	N11M	101.	4.23	8.	2.	2.	0.10
DIVERSION TO							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		LN11MD	101.	4.23	8.	2.	2.	0.10
+	HYDROGRAPH AT	LN11M	0.	0.03	0.	0.	0.	0.10
+	4 COMBINED AT	CN11M	106.	4.50	12.	3.	2.	0.32
+	DIVERSION TO	N11MI	26.	4.50	3.	1.	1.	0.32
+	HYDROGRAPH AT	DN11M	79.	4.50	9.	2.	2.	0.32
+	ROUTED TO	RN11MS	62.	4.80	9.	2.	2.	0.32
+	HYDROGRAPH AT	N11K	102.	4.27	15.	4.	3.	0.19
+	DIVERSION TO	LN11KD	67.	4.10	2.	1.	0.	0.19
+	HYDROGRAPH AT	LN11K	102.	4.27	12.	3.	2.	0.19
+	HYDROGRAPH AT	DRN11N	316.	4.07	20.	5.	4.	0.26
+	ROUTED TO	RN11NS	240.	4.27	20.	5.	4.	0.26
+	2 COMBINED AT	CN11K	341.	4.27	33.	8.	6.	0.45
+	DIVERSION TO	N11KI	338.	4.27	31.	8.	6.	0.45
+	HYDROGRAPH AT	DN11K	10.	4.67	1.	0.	0.	0.45
+	ROUTED TO	RN11KW	6.	5.20	1.	0.	0.	0.45
+	HYDROGRAPH AT	N11J	177.	4.20	20.	5.	4.	0.24
+	DIVERSION TO	LN11JD	103.	4.03	4.	1.	1.	0.24
+	HYDROGRAPH AT	LN11J	177.	4.20	16.	4.	3.	0.24
+	3 COMBINED AT	CN11J	170.	4.20	26.	6.	5.	0.56
+	DIVERSION TO	N11JI	26.	4.20	6.	1.	1.	0.56
+	HYDROGRAPH AT	DN11J	144.	4.20	20.	5.	4.	0.56
+	ROUTED TO	RN11JS	89.	5.00	20.	5.	4.	0.56
+	HYDROGRAPH AT	N11G	365.	4.50	57.	14.	10.	0.52
+	DIVERSION TO	LN11GD	365.	4.50	57.	14.	10.	0.52
+	HYDROGRAPH AT	LN11G	0.	0.03	0.	0.	0.	0.52
+	2 COMBINED AT	CN11G	89.	5.00	20.	5.	4.	1.08

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	DIVERSION TO	N11GI	0.	5.00	0.	0.	0.	1.08
+	HYDROGRAPH AT	DN11G	65.	5.07	17.	4.	3.	1.08
+	ROUTED TO	RN11GS	57.	5.47	16.	4.	3.	1.08
+	HYDROGRAPH AT	N11F	229.	4.37	27.	7.	5.	0.24
+	DIVERSION TO	LN11FD	229.	4.37	27.	7.	5.	0.24
+	HYDROGRAPH AT	LN11F	0.	0.03	0.	0.	0.	0.24
+	2 COMBINED AT	CN11F	57.	5.47	16.	4.	3.	1.33
+	ROUTED TO	RN11F	42.	6.03	15.	4.	3.	1.33
+	HYDROGRAPH AT	N11C	148.	4.30	27.	7.	5.	0.25
+	DIVERSION TO	LN11CD	148.	4.30	26.	7.	5.	0.25
+	HYDROGRAPH AT	LN11C	5.	6.47	0.	0.	0.	0.25
+	2 COMBINED AT	CN11C	41.	6.07	15.	4.	3.	1.58
	DIVERSION TO	N11CWI	0.	0.03	0.	0.	0.	1.58
+	HYDROGRAPH AT	DN11CW	38.	6.17	14.	4.	3.	1.58
+	DIVERSION TO	N11CEI	8.	6.03	5.	1.	1.	1.58
+	HYDROGRAPH AT	DN11CE	30.	6.17	9.	2.	2.	1.58
+	HYDROGRAPH AT	DRN11C	0.	0.03	0.	0.	0.	1.58
+	ROUTED TO	LN11CW	0.	0.03	0.	0.	0.	1.58
+	HYDROGRAPH AT	DR11C*	8.	6.03	5.	1.	1.	1.58
+	ROUTED TO	LN11CE	3.	9.17	3.	1.	1.	1.58
+	3 COMBINED AT	CN11C*	33.	6.47	12.	4.	3.	1.58
+	HYDROGRAPH AT	DRN11K	338.	4.27	31.	8.	6.	0.45
+	ROUTED TO	RN11KS	225.	4.80	31.	8.	6.	0.45
+	DIVERSION TO	X5I	189.	4.80	24.	6.	4.	0.45
+	HYDROGRAPH AT	DX5	36.	4.80	7.	2.	1.	0.45
	ROUTED TO							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		RX5W	35.	5.23	7.	2.	1.	0.45
+	HYDROGRAPH AT	N11H	296.	4.53	49.	12.	9.	0.44
+	DIVERSION TO	LN11HD	296.	4.53	49.	12.	9.	0.44
+	HYDROGRAPH AT	LN11H	0.	0.03	0.	0.	0.	0.44
+	2 COMBINED AT	CN11H	35.	5.23	7.	2.	1.	0.89
+	ROUTED TO	RN11HW	26.	5.97	6.	2.	1.	0.89
+	HYDROGRAPH AT	N11D	158.	4.73	55.	14.	10.	0.51
+	DIVERSION TO	LN11DD	158.	4.73	55.	14.	10.	0.51
+	HYDROGRAPH AT	LN11D	0.	0.03	0.	0.	0.	0.51
+	2 COMBINED AT	LN11D*	26.	5.97	6.	2.	1.	1.40
+	HYDROGRAPH AT	DRX5	189.	4.80	24.	6.	4.	0.45
+	ROUTED TO	RX5S	135.	5.37	24.	6.	4.	0.45
+	HYDROGRAPH AT	N11I	444.	4.30	69.	17.	13.	0.62
+	HYDROGRAPH AT	DRN11L	96.	4.63	18.	5.	3.	0.68
+	ROUTED TO	RN11LS	66.	5.10	18.	5.	3.	0.68
+	HYDROGRAPH AT	DRN22A	49.	4.37	7.	2.	1.	0.37
+	ROUTED TO	RN22AW	43.	4.63	7.	2.	1.	0.37
+	3 COMBINED AT	CN11I	442.	4.30	90.	24.	17.	1.30
+	DIVERSION TO	N11II	194.	4.33	41.	11.	8.	1.30
+	HYDROGRAPH AT	DN11I	194.	4.33	41.	11.	8.	1.30
+	ROUTED TO	RN11IS	179.	4.53	41.	11.	8.	1.30
+	HYDROGRAPH AT	DRN11I	194.	4.33	41.	11.	8.	1.30
+	ROUTED TO	RN11IW	168.	4.67	41.	11.	8.	1.30
+	2 COMBINED AT	CX50	341.	4.60	82.	21.	15.	1.30
+	ROUTED TO	LX50	320.	4.77	167.	150.	148.	1.30
+	DIVERSION TO	DX50I	258.	4.77	154.	142.	141.	1.30

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	HYDROGRAPH AT	DX50	63.	4.77	13.	7.	7.	1.30
+	ROUTED TO	RX50E	50.	5.03	13.	7.	7.	1.30
+	HYDROGRAPH AT	N22	343.	4.40	76.	19.	14.	0.47
+	DIVERSION TO	LN22D	343.	4.40	73.	18.	13.	0.47
+	HYDROGRAPH AT	LN22	42.	6.13	5.	1.	1.	0.47
+	2 COMBINED AT	CN22	50.	5.03	16.	8.	7.	1.77
+	DIVERSION TO	N22I	45.	5.07	14.	8.	7.	1.77
+	HYDROGRAPH AT	DN22	0.	0.03	0.	0.	0.	1.77
+	ROUTED TO	RN22W	0.	0.03	0.	0.	0.	1.77
+	HYDROGRAPH AT	DRX50I	258.	4.77	154.	142.	141.	1.30
+	ROUTED TO	RX50W	244.	5.03	154.	142.	140.	1.30
+	HYDROGRAPH AT	N11E	301.	4.37	59.	15.	11.	0.49
+	DIVERSION TO	LN11ED	301.	4.37	59.	15.	11.	0.49
+	HYDROGRAPH AT	LN11E	0.	0.03	0.	0.	0.	0.49
+	3 COMBINED AT	CN11E	244.	5.03	154.	142.	140.	1.79
+	DIVERSION TO	N11EI	232.	5.03	152.	142.	140.	1.79
+	HYDROGRAPH AT	DN11E	0.	0.20	0.	0.	0.	1.79
+	ROUTED TO	RN11EW	0.	2.63	0.	0.	0.	1.79
+	2 COMBINED AT	CX1	135.	5.37	24.	6.	4.	2.24
+	DIVERSION TO	X1I	58.	5.57	14.	3.	2.	2.24
+	HYDROGRAPH AT	DX1	0.	5.33	0.	0.	0.	2.24
+	ROUTED TO	RX1W	0.	5.80	0.	0.	0.	2.24
+	3 COMBINED AT	CN11D	40.	6.30	14.	4.	3.	2.97
+	ROUTED TO	RWBW1	32.	7.30	13.	4.	3.	2.97
+	HYDROGRAPH AT	WBW	432.	4.77	111.	28.	21.	1.00
	2 COMBINED AT							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		CWBW	334.	4.83	106.	29.	21.	3.97
+	ROUTED TO	RBWB	23.	8.47	22.	17.	14.	3.97
+	ROUTED TO	RWBW2	23.	9.40	22.	17.	14.	3.97
+	HYDROGRAPH AT	DRN11E	232.	5.03	152.	142.	140.	1.79
+	ROUTED TO	R-WBE1	232.	5.07	152.	142.	139.	1.79
+	HYDROGRAPH AT	WB1	168.	4.20	18.	4.	3.	0.12
+	2 COMBINED AT	CPWB1	255.	4.20	168.	146.	142.	1.91
+	ROUTED TO	R-R3	246.	5.03	168.	146.	140.	1.91
+	HYDROGRAPH AT	WB2	93.	4.47	16.	4.	3.	0.10
+	2 COMBINED AT	CPWB2	306.	4.37	183.	150.	143.	2.01
+	ROUTED TO	R-4-5	282.	5.10	168.	146.	127.	2.01
+	HYDROGRAPH AT	WB3	21.	4.10	2.	0.	0.	0.01
+	2 COMBINED AT	CPWB3	283.	5.10	168.	146.	127.	2.02
+	ROUTED TO	R-6	282.	5.13	167.	146.	127.	2.02
+	HYDROGRAPH AT	DRN22	45.	5.07	14.	8.	7.	1.77
+	HYDROGRAPH AT	WB4	93.	4.13	9.	2.	2.	0.06
+	2 COMBINED AT	CPWB4	67.	4.13	22.	10.	8.	1.83
+	ROUTED TO	R-R1	25.	6.47	20.	10.	8.	1.83
+	HYDROGRAPH AT	WB5	103.	4.17	11.	3.	2.	0.08
+	2 COMBINED AT	CPWB5	88.	4.17	29.	12.	10.	1.91
+	ROUTED TO	R-R2	18.	8.43	17.	11.	9.	1.91
+	2 COMBINED AT	CPR6	282.	5.13	180.	155.	135.	3.93
+	ROUTED TO	RCR26	272.	5.30	178.	154.	133.	3.93
+	HYDROGRAPH AT	WB7	60.	4.10	6.	1.	1.	0.03
+	2 COMBINED AT	CR6W7	273.	5.30	178.	154.	134.	3.97
+	ROUTED TO	R-R7	273.	5.33	178.	154.	132.	3.97

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	HYDROGRAPH AT	WB6	107.	4.27	14.	3.	2.	0.08
+	ROUTED TO	R-R8	17.	4.97	12.	3.	2.	0.08
+	2 COMBINED AT	C7R8	288.	5.33	187.	157.	135.	4.05
+	ROUTED TO	RC78	286.	5.43	186.	157.	134.	4.05
+	HYDROGRAPH AT	WB8	63.	4.07	6.	2.	1.	0.03
+	2 COMBINED AT	CP-678	287.	5.40	186.	157.	135.	4.08
+	HYDROGRAPH AT	WB10	79.	4.17	8.	2.	1.	0.06
+	ROUTED TO	R-R9	19.	4.53	8.	2.	1.	0.06
+	2 COMBINED AT	WBEOT	300.	5.40	189.	157.	136.	4.14
+	DIVERSION TO	TONRI	97.	5.50	63.	50.	42.	4.14
+	HYDROGRAPH AT	DVNR	203.	5.40	126.	107.	94.	4.14
+	DIVERSION TO	DCLUB	29.	5.40	11.	6.	5.	4.14
+	HYDROGRAPH AT	CCLUB	174.	5.40	115.	100.	89.	4.14
+	ROUTED TO	RR287	174.	5.43	115.	100.	89.	4.14
+	DIVERSION TO	DV87SI	30.	5.43	11.	7.	5.	4.14
+	HYDROGRAPH AT	DV87S	143.	5.43	104.	94.	83.	4.14
+	ROUTED TO	RR289	143.	5.50	104.	94.	83.	4.14
+	DIVERSION TO	DV89I	1.	5.50	0.	0.	0.	4.14
+	HYDROGRAPH AT	DS89	142.	5.53	104.	94.	83.	4.14
+	ROUTED TO	TODET	141.	5.60	104.	94.	83.	4.14
+	DIVERSION TO	DV91I	37.	5.60	7.	2.	1.	4.14
+	HYDROGRAPH AT	DV91	104.	5.60	97.	92.	82.	4.14
+	HYDROGRAPH AT	WB9	364.	4.10	41.	10.	7.	0.28
+	ROUTED TO	R-R10	28.	4.93	23.	10.	7.	0.28
+	HYDROGRAPH AT	DRIX1	58.	5.57	14.	3.	2.	2.24
	ROUTED TO							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		RX1S	39.	6.27	14.	3.	2.	2.24
+	4 COMBINED AT	CN11B	165.	6.57	144.	117.	102.	6.49
+	ROUTED TO	RCP91	164.	6.60	144.	117.	102.	6.49
+	HYDROGRAPH AT	SB-G4a	78.	4.07	6.	2.	1.	0.06
+	HYDROGRAPH AT	DR91	37.	5.60	7.	2.	1.	4.14
+	ROUTED TO	R2DET	37.	5.63	7.	2.	1.	4.14
+	3 COMBINED AT	CPDET	174.	6.10	146.	117.	103.	10.63
+	ROUTED TO	S-DET	152.	7.50	141.	117.	107.	10.63
+	ROUTED TO	RDET	152.	7.57	141.	117.	107.	10.63
+	ROUTED TO	RN11BS	151.	7.90	141.	117.	105.	10.63
+	HYDROGRAPH AT	N11	625.	4.40	145.	37.	26.	0.90
+	DIVERSION TO	LN11DX	625.	4.40	91.	23.	16.	0.90
+	HYDROGRAPH AT	LN11	423.	4.93	56.	14.	10.	0.90
+	HYDROGRAPH AT	DRV87	30.	5.43	11.	7.	5.	4.14
+	ROUTED TO	RDV87S	30.	5.53	11.	7.	5.	4.14
+	ROUTED TO	R-G1	29.	5.63	11.	7.	5.	4.14
+	DIVERSION TO	DX55I	29.	5.63	11.	7.	5.	4.14
+	HYDROGRAPH AT	DX55	0.	0.03	0.	0.	0.	4.14
+	DIVERSION TO	DX56I	0.	0.03	0.	0.	0.	4.14
+	HYDROGRAPH AT	DX56	0.	0.03	0.	0.	0.	4.14
+	ROUTED TO	DX56W	0.	0.03	0.	0.	0.	4.14
+	HYDROGRAPH AT	DRV89	1.	5.50	0.	0.	0.	4.14
+	ROUTED TO	RDV89S	0.	5.60	0.	0.	0.	4.14
+	ROUTED TO	RDV89E	0.	6.03	0.	0.	0.	4.14
+	4 COMBINED AT	CN11	388.	5.13	177.	128.	114.	11.53
+	ROUTED TO	RN11	325.	5.47	170.	125.	111.	11.53

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	HYDROGRAPH AT	N10	231.	4.50	60.	15.	11.	0.49
+	DIVERSION TO	LN10D	158.	4.23	10.	3.	2.	0.49
+	HYDROGRAPH AT	LN10	231.	4.50	52.	13.	9.	0.49
+	HYDROGRAPH AT	S10R	13.	4.40	4.	1.	1.	0.03
+	DIVERSION TO	S10RI	8.	4.40	2.	1.	0.	0.03
+	HYDROGRAPH AT	DS10RO	5.	4.40	2.	0.	0.	0.03
+	ROUTED TO	RS10RS	4.	4.97	2.	0.	0.	0.03
+	3 COMBINED AT	CN10	406.	5.47	197.	133.	117.	12.05
+	DIVERSION TO	N10I	1.	5.47	0.	0.	0.	12.05
+	HYDROGRAPH AT	DN10	405.	5.47	196.	133.	117.	12.05
+	ROUTED TO	RN10E	394.	5.63	196.	133.	115.	12.05
+	HYDROGRAPH AT	DR56	0.	0.03	0.	0.	0.	4.14
	ROUTED TO	RDR56	0.	0.03	0.	0.	0.	4.14
+	HYDROGRAPH AT	N09	486.	4.33	98.	25.	18.	0.65
+	DIVERSION TO	LN09D	15.	1.93	3.	1.	1.	0.65
+	HYDROGRAPH AT	LN09	486.	4.33	96.	24.	17.	0.65
+	3 COMBINED AT	CN09*	471.	5.60	254.	148.	129.	12.70
+	HYDROGRAPH AT	CN21	990.	5.63	497.	195.	160.	15.37
+	ROUTED TO	RN21	981.	6.00	493.	195.	157.	15.37
+	HYDROGRAPH AT	DRTONR	97.	5.50	63.	50.	42.	4.14
+	HYDROGRAPH AT	N20	250.	4.33	52.	13.	9.	0.36
+	DIVERSION TO	LN20D	250.	4.30	19.	5.	3.	0.36
+	HYDROGRAPH AT	LN20	249.	4.37	34.	8.	6.	0.36
+	3 COMBINED AT	CN20	1082.	5.97	567.	248.	202.	15.73
+	ROUTED TO	RN20	1074.	6.27	564.	247.	199.	15.73
	HYDROGRAPH AT							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		N12	188.	4.70	65.	17.	12.	0.51
+	DIVERSION TO	LN12D	39.	4.00	4.	1.	1.	0.51
+	HYDROGRAPH AT	LN12	188.	4.70	63.	16.	11.	0.51
+	HYDROGRAPH AT	N13	119.	5.10	73.	22.	16.	0.50
+	DIVERSION TO	LN13D	96.	4.50	10.	3.	2.	0.50
+	HYDROGRAPH AT	LN13	119.	5.10	70.	20.	14.	0.50
+	3 COMBINED AT	CN12	1199.	6.23	644.	271.	218.	16.73
+	ROUTED TO	RN12	1172.	6.53	642.	271.	216.	16.73
+	2 COMBINED AT	CN09+	1293.	6.50	806.	398.	332.	26.16
+	ROUTED TO	RN09*	1285.	6.60	806.	398.	331.	26.16
+	HYDROGRAPH AT	N19E	261.	5.07	71.	18.	13.	0.70
+	DIVERSION TO	LN19ED	261.	5.07	71.	18.	13.	0.70
+	HYDROGRAPH AT	LN19E	0.	0.03	0.	0.	0.	0.70
+	HYDROGRAPH AT	N19F	106.	5.13	33.	9.	6.	0.37
+	DIVERSION TO	LN19FD	106.	5.13	33.	9.	6.	0.37
+	HYDROGRAPH AT	LN19F	0.	0.03	0.	0.	0.	0.37
+	2 COMBINED AT	CN19E	0.	0.03	0.	0.	0.	1.08
+	ROUTED TO	RN19E	0.	0.03	0.	0.	0.	1.08
+	HYDROGRAPH AT	N19D	297.	4.37	46.	12.	8.	0.39
+	DIVERSION TO	LN19DD	297.	4.37	46.	12.	8.	0.39
+	HYDROGRAPH AT	LN19D	0.	0.03	0.	0.	0.	0.39
+	2 COMBINED AT	CN19D	0.	0.03	0.	0.	0.	1.47
+	ROUTED TO	RN19D	0.	0.03	0.	0.	0.	1.47
+	HYDROGRAPH AT	N19C	731.	4.17	84.	21.	15.	0.76
+	DIVERSION TO	LN19CD	51.	3.50	8.	2.	1.	0.76
+	HYDROGRAPH AT	LN19C	731.	4.17	76.	19.	14.	0.76

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	2 COMBINED AT	CN19C	488.	4.17	65.	16.	12.	2.23
+	ROUTED TO	RN19C	395.	4.43	65.	16.	12.	2.23
+	HYDROGRAPH AT	N19B	413.	4.10	34.	9.	6.	0.32
+	2 COMBINED AT	CN19B	490.	4.33	89.	23.	16.	2.54
+	ROUTED TO	RN19B	394.	4.80	89.	23.	16.	2.54
+	HYDROGRAPH AT	N19A	339.	4.50	56.	14.	10.	0.47
+	HYDROGRAPH AT	A21B	15.	4.20	2.	0.	0.	0.02
+	ROUTED TO	RA21B	14.	4.30	2.	0.	0.	0.02
+	3 COMBINED AT	CN19A	568.	4.73	132.	34.	24.	3.04
+	ROUTED TO	397RR	441.	5.10	131.	34.	24.	3.04
+	HYDROGRAPH AT	398A	179.	4.10	16.	4.	3.	0.10
+	HYDROGRAPH AT	398B	98.	4.30	22.	6.	4.	0.14
+	3 COMBINED AT	C398B	483.	5.03	161.	42.	30.	3.28
+	ROUTED TO	398BRR	395.	5.47	159.	42.	30.	3.28
+	DIVERSION TO	398BI	132.	5.47	53.	14.	10.	3.28
+	HYDROGRAPH AT	D398B	263.	5.47	106.	28.	20.	3.28
+	DIVERSION TO	398BSI	132.	5.47	53.	14.	10.	3.28
+	HYDROGRAPH AT	D398BE	132.	5.47	53.	14.	10.	3.28
+	HYDROGRAPH AT	398D	160.	4.03	13.	3.	2.	0.08
+	HYDROGRAPH AT	398E	189.	4.10	16.	4.	3.	0.11
+	HYDROGRAPH AT	398F	112.	4.43	35.	9.	7.	0.20
+	4 COMBINED AT	C398F	246.	4.10	107.	29.	21.	3.68
+	ROUTED TO	398FRR	103.	6.43	77.	29.	21.	3.68
+	HYDROGRAPH AT	D398BW	132.	5.47	53.	14.	10.	3.28
+	HYDROGRAPH AT	398C	42.	4.60	15.	4.	3.	0.09
	2 COMBINED AT							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		C398C	157.	5.40	67.	18.	13.	3.27
+	ROUTED TO	398CRR	89.	6.47	56.	18.	13.	3.27
+	HYDROGRAPH AT	398BSW	132.	5.47	53.	14.	10.	3.28
+	HYDROGRAPH AT	398G	69.	4.83	30.	8.	6.	0.22
+	4 COMBINED AT	C398G	322.	5.80	203.	66.	48.	4.09
+	ROUTED TO	398GRR	243.	7.20	179.	66.	48.	4.09
+	ROUTED TO	RM399	242.	7.43	177.	66.	48.	4.09
+	HYDROGRAPH AT	N18	353.	4.33	65.	16.	12.	0.50
+	DIVERSION TO	LN18D	25.	3.60	5.	1.	1.	0.50
+	HYDROGRAPH AT	LN18	353.	4.33	61.	15.	11.	0.50
+	2 COMBINED AT	CN18	248.	4.47	197.	78.	56.	4.59
+	ROUTED TO	RN18	233.	7.87	193.	78.	56.	4.59
+	HYDROGRAPH AT	N17	271.	4.33	59.	15.	11.	0.41
+	DIVERSION TO	LN17D	95.	3.97	8.	2.	1.	0.41
+	HYDROGRAPH AT	LN17	271.	4.33	52.	13.	9.	0.41
+	2 COMBINED AT	CN17	352.	4.63	228.	88.	64.	5.01
+	ROUTED TO	RN17	350.	4.90	226.	88.	64.	5.01
+	HYDROGRAPH AT	N16	525.	4.40	116.	29.	21.	0.92
+	DIVERSION TO	LN16D	366.	4.20	26.	6.	5.	0.92
+	HYDROGRAPH AT	LN16	525.	4.40	91.	23.	16.	0.92
+	2 COMBINED AT	CN16	660.	4.70	289.	105.	76.	5.93
+	ROUTED TO	RN16	600.	4.97	281.	105.	76.	5.93
+	HYDROGRAPH AT	N15B	368.	4.47	89.	23.	16.	0.75
+	DIVERSION TO	LN15BD	302.	4.27	20.	5.	4.	0.75
+	HYDROGRAPH AT	LN15B	368.	4.47	71.	18.	13.	0.75
+	ROUTED TO	RN15B	298.	5.30	71.	18.	13.	0.75

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	HYDROGRAPH AT	N15A	400.	4.57	107.	27.	20.	0.80
+	DIVERSION TO	LN15AD	400.	4.57	107.	27.	20.	0.80
+	HYDROGRAPH AT	LN15A	6.	8.07	0.	0.	0.	0.80
+	2 COMBINED AT	CN15A	296.	5.30	71.	18.	13.	1.54
+	ROUTED TO	RN15A	258.	5.63	65.	16.	12.	1.54
+	HYDROGRAPH AT	N15	199.	4.73	71.	19.	13.	0.54
+	DIVERSION TO	LN15D	150.	4.40	12.	3.	2.	0.54
+	HYDROGRAPH AT	LN15	199.	4.73	63.	16.	11.	0.54
+	3 COMBINED AT	CN15	708.	5.00	371.	127.	92.	8.01
+	ROUTED TO	RN15	667.	5.20	367.	127.	92.	8.01
+	HYDROGRAPH AT	N14A	156.	4.73	56.	15.	11.	0.44
+	DIVERSION TO	LN14AD	33.	4.00	4.	1.	1.	0.44
	HYDROGRAPH AT	LN14A	156.	4.73	54.	14.	10.	0.44
+	ROUTED TO	RN14A	153.	4.90	54.	14.	10.	0.44
+	HYDROGRAPH AT	N14	107.	4.10	15.	4.	3.	0.08
+	3 COMBINED AT	CN14	775.	5.20	407.	140.	101.	8.53
+	ROUTED TO	RN14	710.	6.00	402.	140.	101.	8.53
+	HYDROGRAPH AT	N08B	253.	4.73	83.	22.	16.	0.70
+	DIVERSION TO	LN08BD	253.	4.73	83.	22.	16.	0.70
+	HYDROGRAPH AT	LN08B	0.	0.03	0.	0.	0.	0.70
+	ROUTED TO	RN08B	0.	0.03	0.	0.	0.	0.70
+	HYDROGRAPH AT	N08A	366.	4.53	104.	27.	19.	0.74
+	DIVERSION TO	LN08AD	366.	4.53	103.	26.	19.	0.74
+	HYDROGRAPH AT	LN08A	21.	7.13	2.	1.	0.	0.74
+	2 COMBINED AT	CN08A	10.	7.13	1.	0.	0.	1.43
	ROUTED TO							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		RN08A	4.	7.90	1.	0.	0.	1.43
+	HYDROGRAPH AT	N08	366.	4.57	108.	28.	20.	0.79
+	DIVERSION TO	LN08D	335.	4.37	28.	7.	5.	0.79
+	HYDROGRAPH AT	LN08	366.	4.57	83.	21.	15.	0.79
+	3 COMBINED AT	CN08	785.	5.87	449.	152.	110.	10.75
+	ROUTED TO	RN08	784.	5.93	446.	152.	110.	10.75
+	2 COMBINED AT	CN09	1737.	6.53	1129.	513.	415.	36.91
+	ROUTED TO	RN09	1719.	6.77	1122.	512.	412.	36.91
+	HYDROGRAPH AT	DRN10	1.	5.47	0.	0.	0.	12.05
+	ROUTED TO	RN10S	1.	5.63	0.	0.	0.	12.05
+	DIVERSION TO	DX26I	0.	0.70	0.	0.	0.	12.05
+	HYDROGRAPH AT	DX26O	0.	5.63	0.	0.	0.	12.05
+	ROUTED TO	RX26S	0.	6.37	0.	0.	0.	12.05
+	HYDROGRAPH AT	DRX26	0.	0.70	0.	0.	0.	12.05
+	HYDROGRAPH AT	N07A	368.	4.20	43.	11.	8.	0.36
+	DIVERSION TO	LN07AD	368.	4.20	43.	11.	8.	0.36
+	HYDROGRAPH AT	LN07A	0.	0.03	0.	0.	0.	0.36
+	2 COMBINED AT	CN07A	0.	0.70	0.	0.	0.	0.36
+	HYDROGRAPH AT	N07	458.	4.33	89.	22.	16.	0.75
+	DIVERSION TO	LN07D	413.	4.23	27.	7.	5.	0.75
+	HYDROGRAPH AT	LN07	457.	4.37	63.	16.	11.	0.75
+	4 COMBINED AT	CN07	1716.	6.77	1133.	518.	416.	38.15
+	ROUTED TO	RN07	1675.	7.17	1117.	517.	409.	38.15
+	HYDROGRAPH AT	A11L	371.	4.23	40.	10.	7.	0.25
+	DIVERSION TO	LA11LD	371.	4.23	37.	9.	7.	0.25
+	HYDROGRAPH AT	LA11L	67.	4.77	4.	1.	1.	0.25

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	ROUTED TO	RA11L	27.	5.20	4.	1.	1.	0.25
+	HYDROGRAPH AT	A11M	445.	4.10	34.	8.	6.	0.26
+	DIVERSION TO	LA11MD	310.	3.97	9.	2.	2.	0.26
+	HYDROGRAPH AT	LA11M	445.	4.10	24.	6.	4.	0.26
+	ROUTED TO	RA11M	373.	4.23	24.	6.	4.	0.26
+	HYDROGRAPH AT	A11J	101.	4.23	12.	3.	2.	0.08
+	DIVERSION TO	LA11JD	101.	4.23	11.	3.	2.	0.08
+	HYDROGRAPH AT	LA11J	2.	5.57	0.	0.	0.	0.08
+	HYDROGRAPH AT	A11N	124.	4.10	8.	2.	2.	0.08
+	DIVERSION TO	LA11ND	91.	3.97	3.	1.	0.	0.08
+	HYDROGRAPH AT	LA11N	124.	4.10	6.	1.	1.	0.08
+	ROUTED TO	RA11N	87.	4.17	6.	1.	1.	0.08
	HYDROGRAPH AT	A11O	92.	4.07	5.	1.	1.	0.06
+	ROUTED TO	RA11O	75.	4.17	5.	1.	1.	0.06
+	2 COMBINED AT	CX21	161.	4.17	11.	3.	2.	0.14
+	ROUTED TO	RX21	107.	4.40	11.	3.	2.	0.14
+	HYDROGRAPH AT	A11K	438.	4.13	31.	8.	6.	0.30
+	DIVERSION TO	LA11KD	438.	4.13	20.	5.	4.	0.30
+	HYDROGRAPH AT	LA11K	354.	4.20	11.	3.	2.	0.30
+	HYDROGRAPH AT	A11G	100.	4.03	8.	2.	1.	0.07
+	DIVERSION TO	A11GI	0.	4.03	0.	0.	0.	0.07
+	HYDROGRAPH AT	DA11G	100.	4.03	8.	2.	1.	0.07
+	ROUTED TO	RA11GN	87.	4.10	8.	2.	1.	0.07
+	5 COMBINED AT	CA11K	665.	4.20	49.	12.	9.	0.84
	ROUTED TO	RA11K	434.	4.37	49.	12.	9.	0.84
	HYDROGRAPH AT							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		DRA11G	0.	4.03	0.	0.	0.	0.07
+	ROUTED TO	RA11GW	0.	4.20	0.	0.	0.	0.07
+	HYDROGRAPH AT	A11I	535.	4.10	41.	10.	7.	0.28
+	DIVERSION TO	LA11ID	535.	4.10	41.	10.	7.	0.28
+	HYDROGRAPH AT	LA11I	4.	6.03	0.	0.	0.	0.28
+	4 COMBINED AT	CA11I	424.	4.37	52.	13.	9.	1.37
+	ROUTED TO	RA11I	262.	4.80	47.	12.	9.	1.37
+	HYDROGRAPH AT	A11E	231.	4.30	28.	7.	5.	0.30
+	HYDROGRAPH AT	A11F	136.	5.20	47.	13.	9.	0.47
+	DIVERSION TO	LA11FD	81.	4.80	7.	2.	1.	0.47
+	HYDROGRAPH AT	LA11F	136.	5.20	43.	11.	8.	0.47
+	DIVERSION TO	A11FI	0.	5.17	0.	0.	0.	0.47
+	HYDROGRAPH AT	DA11F	135.	5.20	43.	11.	8.	0.47
+	ROUTED TO	RA11FN	134.	5.27	43.	11.	8.	0.47
+	3 COMBINED AT	CA11E	302.	5.03	92.	24.	17.	2.13
+	ROUTED TO	RA11E	284.	5.17	92.	24.	17.	2.13
+	HYDROGRAPH AT	A11H	96.	4.10	6.	2.	1.	0.07
+	DIVERSION TO	LA11HD	62.	3.97	2.	0.	0.	0.07
+	HYDROGRAPH AT	LA11H	96.	4.10	4.	1.	1.	0.07
+	ROUTED TO	RA11H	40.	4.53	4.	1.	1.	0.07
+	HYDROGRAPH AT	DRA09U	49.	4.13	2.	1.	0.	0.17
+	ROUTED TO	RA09UW	26.	4.37	2.	1.	0.	0.17
+	HYDROGRAPH AT	A09T	150.	4.27	16.	4.	3.	0.18
+	DIVERSION TO	LA09TD	150.	4.27	14.	4.	3.	0.18
+	HYDROGRAPH AT	LA09T	19.	5.00	1.	0.	0.	0.18
+	2 COMBINED AT	CA09T	26.	4.37	4.	1.	1.	0.18

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	DIVERSION TO	A09TI	0.	4.33	0.	0.	0.	0.18
+	HYDROGRAPH AT	DA09T	26.	4.37	4.	1.	1.	0.18
+	ROUTED TO	RA09TW	17.	4.57	4.	1.	1.	0.18
+	HYDROGRAPH AT	DRA11F	0.	5.17	0.	0.	0.	0.47
+	ROUTED TO	RA11FS	0.	6.13	0.	0.	0.	0.47
+	2 COMBINED AT	CX22	17.	4.57	4.	1.	1.	0.18
+	ROUTED TO	RX22	14.	5.27	4.	1.	1.	0.18
+	3 COMBINED AT	CX23	291.	5.17	93.	24.	17.	2.38
+	ROUTED TO	RX23	236.	5.87	93.	24.	17.	2.38
+	HYDROGRAPH AT	A99Z	164.	4.17	13.	3.	2.	0.16
+	ROUTED TO	RA99Z	112.	4.47	13.	3.	2.	0.16
+	HYDROGRAPH AT	A11D	135.	4.20	11.	3.	2.	0.15
	2 COMBINED AT	CA11D	176.	4.37	23.	6.	4.	0.30
+	ROUTED TO	RA11D	117.	5.30	23.	6.	4.	0.30
+	HYDROGRAPH AT	A11B	74.	4.37	11.	3.	2.	0.15
+	HYDROGRAPH AT	A11A	249.	4.70	54.	14.	10.	0.59
+	DIVERSION TO	LA11AD	6.	3.50	2.	0.	0.	0.59
+	HYDROGRAPH AT	LA11A	249.	4.70	53.	13.	10.	0.59
+	4 COMBINED AT	CA11A	324.	5.67	140.	36.	26.	3.43
+	ROUTED TO	RA11A	324.	5.70	140.	36.	26.	3.43
+	HYDROGRAPH AT	A11C	30.	5.13	8.	2.	2.	0.12
+	ROUTED TO	RA11C	25.	5.83	8.	2.	2.	0.12
+	2 COMBINED AT	CA11*	331.	5.73	143.	37.	27.	3.55
+	ROUTED TO	RA11*	327.	5.90	142.	37.	27.	3.55
+	HYDROGRAPH AT	A11	48.	5.07	12.	3.	2.	0.16
	2 COMBINED AT							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		CA11	336.	5.87	147.	38.	28.	3.71
+	HYDROGRAPH AT	DRN11O	0.	6.60	0.	0.	0.	0.05
+	ROUTED TO	RN11OW	0.	0.03	0.	0.	0.	0.05
+	HYDROGRAPH AT	DRA09T	0.	4.33	0.	0.	0.	0.18
+	ROUTED TO	RA09TS	0.	6.60	0.	0.	0.	0.18
+	HYDROGRAPH AT	A09R	69.	4.53	12.	3.	2.	0.14
+	DIVERSION TO	LA09RD	69.	4.53	12.	3.	2.	0.14
+	HYDROGRAPH AT	LA09R	0.	0.03	0.	0.	0.	0.14
+	3 COMBINED AT	CA09R	0.	6.60	0.	0.	0.	0.32
+	DIVERSION TO	A09RI	0.	6.03	0.	0.	0.	0.32
+	HYDROGRAPH AT	DA09R	0.	6.60	0.	0.	0.	0.32
+	ROUTED TO	RA09RS	0.	7.73	0.	0.	0.	0.32
+	HYDROGRAPH AT	DRN11M	26.	4.50	3.	1.	1.	0.32
+	ROUTED TO	RN11MW	17.	5.33	3.	1.	1.	0.32
+	HYDROGRAPH AT	DRN11J	26.	4.20	6.	1.	1.	0.56
+	ROUTED TO	RN11JW	25.	4.83	6.	1.	1.	0.56
+	2 COMBINED AT	CX4	39.	5.17	9.	2.	2.	0.39
+	ROUTED TO	RX4	37.	5.53	9.	2.	2.	0.39
+	HYDROGRAPH AT	A09O	47.	5.17	17.	4.	3.	0.19
+	DIVERSION TO	LA09OD	47.	5.17	15.	4.	3.	0.19
+	HYDROGRAPH AT	LA09O	10.	7.73	2.	1.	0.	0.19
+	3 COMBINED AT	CA09O	37.	5.53	11.	3.	2.	0.90
+	DIVERSION TO	A09OI	0.	5.53	0.	0.	0.	0.90
+	HYDROGRAPH AT	DA09O	31.	5.60	9.	2.	2.	0.90
+	ROUTED TO	RA09OS	23.	6.03	9.	2.	2.	0.90
+	HYDROGRAPH AT	DRN11G	0.	5.00	0.	0.	0.	1.08

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	ROUTED TO	RN11GW	0.	6.20	0.	0.	0.	1.08
+	HYDROGRAPH AT	A09K	264.	4.53	45.	11.	8.	0.41
+	DIVERSION TO	LA09KD	264.	4.53	45.	11.	8.	0.41
+	HYDROGRAPH AT	LA09K	0.	0.03	0.	0.	0.	0.41
+	2 COMBINED AT	CA09K	0.	5.97	0.	0.	0.	0.41
+	DIVERSION TO	A09KI	0.	5.97	0.	0.	0.	0.41
+	HYDROGRAPH AT	DA09K	0.	0.03	0.	0.	0.	0.41
+	ROUTED TO	RA09KW	0.	0.03	0.	0.	0.	0.41
+	2 COMBINED AT	CX7	23.	6.03	9.	2.	2.	1.31
+	DIVERSION TO	X7I	0.	5.97	0.	0.	0.	1.31
+	HYDROGRAPH AT	DX7	20.	6.10	8.	2.	1.	1.31
+	ROUTED TO	RX7S	20.	6.23	8.	2.	1.	1.31
	DIVERSION TO	AX25I	5.	6.20	2.	0.	0.	1.31
+	HYDROGRAPH AT	DX25	15.	6.23	6.	1.	1.	1.31
+	ROUTED TO	RX25E	15.	6.47	6.	1.	1.	1.31
+	HYDROGRAPH AT	DRX25	5.	6.20	2.	0.	0.	1.31
+	ROUTED TO	RX25W	4.	7.07	2.	0.	0.	1.31
+	HYDROGRAPH AT	DRA09K	0.	5.97	0.	0.	0.	0.41
+	ROUTED TO	RA09KS	0.	7.23	0.	0.	0.	0.41
+	HYDROGRAPH AT	A09G	205.	4.33	24.	6.	4.	0.22
+	DIVERSION TO	LA09GD	205.	4.33	24.	6.	4.	0.22
+	HYDROGRAPH AT	LA09G	0.	0.03	0.	0.	0.	0.22
+	DIVERSION TO	A09GI	0.	0.03	0.	0.	0.	0.22
+	HYDROGRAPH AT	DA09G	0.	0.03	0.	0.	0.	0.22
	2 COMBINED AT	CA09G	0.	7.23	0.	0.	0.	0.63
	ROUTED TO							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		RA09GW	0.	8.47	0.	0.	0.	0.63
+	HYDROGRAPH AT	A09J	121.	4.43	19.	5.	3.	0.17
+	DIVERSION TO	LA09JD	121.	4.43	19.	5.	3.	0.17
+	HYDROGRAPH AT	LA09J	0.	0.03	0.	0.	0.	0.17
+	HYDROGRAPH AT	DRX7	0.	5.97	0.	0.	0.	1.31
+	ROUTED TO	RX7W	0.	10.70	0.	0.	0.	1.31
+	2 COMBINED AT	CA09J	0.	9.30	0.	0.	0.	0.17
+	DIVERSION TO	A09JI	0.	8.27	0.	0.	0.	0.17
+	HYDROGRAPH AT	DA09J	0.	9.23	0.	0.	0.	0.17
+	ROUTED TO	RA09JS	0.	11.20	0.	0.	0.	0.17
+	HYDROGRAPH AT	A09H	202.	4.43	28.	7.	5.	0.25
+	DIVERSION TO	LA09HD	202.	4.43	28.	7.	5.	0.25
+	HYDROGRAPH AT	LA09H	0.	0.03	0.	0.	0.	0.25
+	5 COMBINED AT	CA09H	14.	6.73	6.	2.	1.	2.35
+	ROUTED TO	RA09H	12.	8.17	6.	2.	1.	2.35
+	HYDROGRAPH AT	DRA09G	0.	0.03	0.	0.	0.	0.22
+	ROUTED TO	RA09GS	0.	0.03	0.	0.	0.	0.22
+	HYDROGRAPH AT	A09F	251.	4.33	47.	12.	8.	0.37
+	DIVERSION TO	LA09FD	251.	4.33	43.	11.	8.	0.37
+	HYDROGRAPH AT	LA09F	39.	5.57	4.	1.	1.	0.37
+	3 COMBINED AT	CA09F	12.	8.20	5.	2.	1.	2.72
+	DIVERSION TO	A09FI	0.	8.10	0.	0.	0.	2.72
+	HYDROGRAPH AT	DA09F	11.	8.23	5.	1.	1.	2.72
+	ROUTED TO	RA09FW	10.	8.73	5.	1.	1.	2.72
+	HYDROGRAPH AT	A09I	152.	4.20	21.	5.	4.	0.17
+	DIVERSION TO	LA09ID	152.	4.20	21.	5.	4.	0.17

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	HYDROGRAPH AT	LA09I	0.	0.03	0.	0.	0.	0.17
+	DIVERSION TO	A09II	0.	0.03	0.	0.	0.	0.17
+	HYDROGRAPH AT	DA09I	0.	0.03	0.	0.	0.	0.17
+	ROUTED TO	RA09IS	0.	0.03	0.	0.	0.	0.17
+	HYDROGRAPH AT	A09E	65.	4.50	18.	5.	3.	0.15
+	DIVERSION TO	LA09ED	65.	4.50	18.	4.	3.	0.15
+	HYDROGRAPH AT	LA09E	7.	7.03	1.	0.	0.	0.15
+	3 COMBINED AT	CA09E	11.	8.73	5.	1.	1.	2.87
+	ROUTED TO	RA09E	10.	9.07	5.	1.	1.	2.87
+	HYDROGRAPH AT	A09S	73.	4.27	9.	2.	2.	0.07
+	DIVERSION TO	LA09SD	73.	4.27	7.	2.	1.	0.07
+	HYDROGRAPH AT	LA09S	18.	4.77	1.	0.	0.	0.07
+	HYDROGRAPH AT	DRA09R	0.	6.03	0.	0.	0.	0.32
+	ROUTED TO	RA09RW	0.	9.00	0.	0.	0.	0.32
+	2 COMBINED AT	CA09S	18.	4.77	1.	0.	0.	0.07
+	DIVERSION TO	A09SI	0.	4.77	0.	0.	0.	0.07
+	HYDROGRAPH AT	DA09S	18.	4.77	1.	0.	0.	0.07
+	ROUTED TO	RA09SS	7.	5.60	1.	0.	0.	0.07
+	HYDROGRAPH AT	A09Q	54.	5.13	16.	4.	3.	0.22
+	HYDROGRAPH AT	A09P	41.	5.17	14.	4.	3.	0.18
+	HYDROGRAPH AT	DRA09O	0.	5.53	0.	0.	0.	0.90
+	ROUTED TO	RA09OW	0.	6.50	0.	0.	0.	0.90
+	2 COMBINED AT	CA09P	41.	5.17	14.	4.	3.	0.18
+	ROUTED TO	RA09P	41.	5.23	14.	4.	3.	0.18
+	3 COMBINED AT	CA09Q	94.	5.23	32.	8.	6.	0.47
	DIVERSION TO							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		A09QI	0.	5.17	0.	0.	0.	0.47
+	HYDROGRAPH AT	DA09Q	94.	5.23	31.	8.	6.	0.47
+	ROUTED TO	RA09QS	93.	5.47	31.	8.	6.	0.47
+	HYDROGRAPH AT	A09M	209.	4.20	27.	7.	5.	0.25
+	DIVERSION TO	LA09MD	209.	4.20	25.	6.	5.	0.25
+	HYDROGRAPH AT	LA09M	22.	5.13	2.	0.	0.	0.25
+	2 COMBINED AT	CA09M	98.	5.37	31.	8.	6.	0.71
+	ROUTED TO	RA09M	92.	5.47	30.	8.	6.	0.71
+	HYDROGRAPH AT	A09N	36.	5.13	11.	3.	2.	0.11
+	DIVERSION TO	LA09ND	36.	5.13	11.	3.	2.	0.11
+	HYDROGRAPH AT	LA09N	0.	0.03	0.	0.	0.	0.11
+	2 COMBINED AT	CA09N	92.	5.47	30.	8.	6.	0.82
+	ROUTED TO	RA09N	86.	5.73	28.	7.	5.	0.82
+	HYDROGRAPH AT	DRA09J	0.	8.27	0.	0.	0.	0.17
+	ROUTED TO	RA09JW	0.	8.47	0.	0.	0.	0.17
+	HYDROGRAPH AT	A09L	69.	4.40	16.	4.	3.	0.14
+	DIVERSION TO	LA09LD	69.	4.40	16.	4.	3.	0.14
+	HYDROGRAPH AT	LA09L	0.	0.03	0.	0.	0.	0.14
+	3 COMBINED AT	CA09L	85.	5.73	28.	7.	5.	1.13
+	DIVERSION TO	A09LI	0.	5.83	0.	0.	0.	1.13
+	HYDROGRAPH AT	DA09L	75.	5.77	25.	7.	5.	1.13
+	ROUTED TO	RA09LS	68.	6.20	25.	7.	5.	1.13
+	HYDROGRAPH AT	DRA09I	0.	0.03	0.	0.	0.	0.17
+	ROUTED TO	RA09IW	0.	0.03	0.	0.	0.	0.17
+	2 COMBINED AT	CX10	68.	6.20	25.	7.	5.	1.34
+	DIVERSION TO	X10I	6.	6.23	3.	1.	1.	1.34

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	HYDROGRAPH AT	DX10	57.	6.23	21.	5.	4.	1.34
+	HYDROGRAPH AT	A09D	389.	4.10	36.	9.	6.	0.25
+	DIVERSION TO	LA09DD	389.	4.10	35.	9.	6.	0.25
+	HYDROGRAPH AT	LA09D	5.	5.37	1.	0.	0.	0.25
+	2 COMBINED AT	CA09D	57.	6.20	21.	5.	4.	1.59
+	HYDROGRAPH AT	DRX10	6.	6.23	3.	1.	1.	1.34
+	ROUTED TO	RX10W	6.	6.40	3.	1.	1.	1.34
+	DIVERSION TO	X11I	0.	6.10	0.	0.	0.	1.34
+	HYDROGRAPH AT	DX11	6.	6.40	3.	1.	1.	1.34
+	ROUTED TO	RX11S	6.	6.73	3.	1.	1.	1.34
+	3 COMBINED AT	CA09C*	59.	6.27	29.	8.	6.	4.46
+	ROUTED TO	RA09C*	37.	6.43	19.	5.	4.	4.46
	HYDROGRAPH AT	A09C	52.	4.30	7.	2.	1.	0.07
+	DIVERSION TO	LA09CD	52.	4.30	6.	2.	1.	0.07
+	HYDROGRAPH AT	LA09C	8.	5.20	1.	0.	0.	0.07
+	2 COMBINED AT	CA09C	37.	6.43	19.	5.	4.	4.53
+	ROUTED TO	RA09C	36.	6.63	19.	5.	4.	4.53
+	HYDROGRAPH AT	A09B	77.	4.03	7.	2.	1.	0.04
+	DIVERSION TO	LA09BD	1.	1.53	0.	0.	0.	0.04
+	HYDROGRAPH AT	LA09B	77.	4.03	7.	2.	1.	0.04
+	ROUTED TO	RA09B	56.	4.50	7.	2.	1.	0.04
+	HYDROGRAPH AT	A09A	42.	4.33	9.	2.	2.	0.08
+	DIVERSION TO	LA09AD	42.	4.33	6.	2.	1.	0.08
+	HYDROGRAPH AT	LA09A	24.	4.90	3.	1.	1.	0.08
	3 COMBINED AT	CA09A	58.	6.43	29.	9.	6.	4.66
	DIVERSION TO							

OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+	A09AI	0.	6.50	0.	0.	0.	4.66
HYDROGRAPH AT +	DA09AO	39.	6.60	22.	7.	5.	4.66
ROUTED TO +	RA09AW	32.	7.77	21.	7.	5.	4.66
HYDROGRAPH AT +	A99T	29.	4.10	1.	0.	0.	0.03
DIVERSION TO +	LA99TD	29.	4.10	1.	0.	0.	0.03
HYDROGRAPH AT +	LA99T	0.	0.03	0.	0.	0.	0.03
ROUTED TO +	RA99T	0.	0.03	0.	0.	0.	0.03
HYDROGRAPH AT +	A09	158.	4.33	17.	4.	3.	0.18
DIVERSION TO +	LA09D	158.	4.33	13.	3.	2.	0.18
HYDROGRAPH AT +	LA09	69.	4.63	4.	1.	1.	0.18
3 COMBINED AT +	CA09	32.	7.77	21.	7.	5.	4.86
HYDROGRAPH AT +	DRA09F	0.	8.10	0.	0.	0.	2.72
ROUTED TO +	RA09FS	0.	8.17	0.	0.	0.	2.72
HYDROGRAPH AT +	S30D	127.	4.23	18.	4.	3.	0.13
2 COMBINED AT +	CS30D	85.	4.27	16.	4.	3.	2.85
ROUTED TO +	RS30D	64.	4.87	16.	4.	3.	2.85
HYDROGRAPH AT +	S30B	111.	4.80	44.	12.	8.	0.40
HYDROGRAPH AT +	S30C	274.	4.43	67.	17.	12.	0.46
3 COMBINED AT +	CS30B	343.	4.70	109.	29.	21.	3.70
DIVERSION TO +	DS30BI	0.	4.67	0.	0.	0.	3.70
HYDROGRAPH AT +	DS30BO	343.	4.70	109.	28.	20.	3.70
ROUTED TO +	RS30BW	335.	5.03	108.	28.	20.	3.70
HYDROGRAPH AT +	S30A	190.	4.70	62.	16.	11.	0.53
2 COMBINED AT +	CS30A	467.	5.00	157.	41.	30.	4.23
DIVERSION TO +	DS30AI	0.	4.93	0.	0.	0.	4.23
HYDROGRAPH AT +	DS30AO	467.	5.00	157.	41.	30.	4.23

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	ROUTED TO	RS30AW	466.	5.10	157.	41.	30.	4.23
+	HYDROGRAPH AT	S30	154.	4.37	33.	8.	6.	0.32
+	DIVERSION TO	LS30D	65.	4.07	4.	1.	1.	0.32
+	HYDROGRAPH AT	LS30	154.	4.37	30.	7.	5.	0.32
+	2 COMBINED AT	CS30	517.	5.07	176.	46.	33.	4.56
+	ROUTED TO	RS30	517.	5.07	176.	46.	33.	4.56
+	HYDROGRAPH AT	A07G	336.	4.17	42.	10.	8.	0.26
+	DIVERSION TO	LA07GD	336.	4.17	39.	10.	7.	0.26
+	HYDROGRAPH AT	LA07G	35.	4.97	3.	1.	1.	0.26
+	ROUTED TO	RA07G	17.	5.33	3.	1.	1.	0.26
+	HYDROGRAPH AT	A07F	61.	4.80	24.	6.	5.	0.23
+	DIVERSION TO	LA07FD	3.	3.57	1.	0.	0.	0.23
	HYDROGRAPH AT	LA07F	61.	4.80	24.	6.	5.	0.23
+	ROUTED TO	RA07F	60.	4.93	24.	6.	5.	0.23
+	HYDROGRAPH AT	A07E	253.	4.17	34.	8.	6.	0.23
+	3 COMBINED AT	CA07E	247.	4.20	56.	15.	11.	0.72
+	ROUTED TO	RA07E	226.	4.33	56.	15.	11.	0.72
+	HYDROGRAPH AT	A07C	126.	4.40	16.	4.	3.	0.17
+	DIVERSION TO	LA07CD	126.	4.40	16.	4.	3.	0.17
+	HYDROGRAPH AT	LA07C	0.	0.03	0.	0.	0.	0.17
+	2 COMBINED AT	CA07C	226.	4.33	56.	15.	11.	0.89
+	ROUTED TO	RA07C	216.	4.37	55.	14.	10.	0.89
+	HYDROGRAPH AT	A07H	154.	4.07	13.	3.	2.	0.09
+	DIVERSION TO	LA07HD	145.	4.00	7.	2.	1.	0.09
+	HYDROGRAPH AT	LA07H	154.	4.07	6.	1.	1.	0.09
	ROUTED TO							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		RA07H	103.	4.33	6.	1.	1.	0.09
+	HYDROGRAPH AT	DA09A	0.	6.50	0.	0.	0.	4.66
+	ROUTED TO	RA09AS	0.	7.17	0.	0.	0.	4.66
+	HYDROGRAPH AT	A08B	55.	4.27	9.	2.	2.	0.10
+	2 COMBINED AT	CA08B	21.	4.30	5.	1.	1.	4.75
+	ROUTED TO	RA08B	15.	4.93	5.	1.	1.	4.75
+	HYDROGRAPH AT	A07D	48.	4.80	18.	5.	3.	0.23
+	4 COMBINED AT	CA07D	211.	4.50	61.	16.	12.	5.97
+	DIVERSION TO	LA07DD	211.	4.50	22.	5.	4.	5.97
+	HYDROGRAPH AT	LA07D	184.	4.70	42.	11.	8.	5.97
+	ROUTED TO	RA07D	140.	5.27	42.	11.	8.	5.97
+	HYDROGRAPH AT	A07B	304.	4.37	64.	16.	12.	0.65
+	DIVERSION TO	LA07BD	304.	4.37	64.	16.	12.	0.65
+	HYDROGRAPH AT	LA07B	2.	7.53	0.	0.	0.	0.65
+	3 COMBINED AT	CA07B	560.	5.27	194.	51.	37.	11.17
+	ROUTED TO	RA07B	549.	5.37	194.	51.	37.	11.17
+	HYDROGRAPH AT	A06A	213.	4.23	33.	8.	6.	0.28
+	DIVERSION TO	LA06AD	200.	4.17	11.	3.	2.	0.28
+	HYDROGRAPH AT	LA06A	213.	4.23	22.	5.	4.	0.28
+	2 COMBINED AT	CA06A	570.	5.33	205.	54.	39.	11.45
+	HYDROGRAPH AT	A07A	24.	4.87	10.	3.	2.	0.12
+	ROUTED TO	RA07A	24.	4.97	10.	3.	2.	0.12
+	HYDROGRAPH AT	A07	162.	4.03	7.	2.	1.	0.12
+	2 COMBINED AT	CA07	164.	4.03	17.	5.	3.	0.24
+	ROUTED TO	RA07	73.	4.50	17.	5.	3.	0.24
+	HYDROGRAPH AT	A06	319.	4.23	24.	6.	4.	0.28

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	DIVERSION TO	LA06D	299.	4.17	11.	3.	2.	0.28
+	HYDROGRAPH AT	LA06	319.	4.23	13.	3.	2.	0.28
+	3 COMBINED AT	CA06	576.	5.33	210.	55.	40.	11.97
+	ROUTED TO	RA06	549.	5.63	210.	55.	40.	11.97
+	HYDROGRAPH AT	A99Q	193.	4.00	8.	2.	1.	0.12
+	2 COMBINED AT	CA99Q	548.	5.67	210.	55.	40.	12.09
+	3 COMBINED AT	DUMMY1	689.	5.77	299.	81.	58.	20.66
+	DIVERSION TO	DUMMYO	688.	5.77	298.	81.	58.	20.66
+	HYDROGRAPH AT	DUMMY	1.	4.57	1.	0.	0.	20.66
+	ROUTED TO	EMPTY	1.	8.63	1.	0.	0.	20.66
+	HYDROGRAPH AT	S10V	111.	4.33	22.	6.	4.	0.20
+	ROUTED TO	RS10V	75.	4.80	22.	6.	4.	0.20
	HYDROGRAPH AT	S10U	49.	4.37	10.	3.	2.	0.11
+	2 COMBINED AT	CS10U	113.	4.67	32.	8.	6.	0.30
+	ROUTED TO	RS10U	105.	4.87	32.	8.	6.	0.30
+	HYDROGRAPH AT	S10T	177.	4.40	40.	10.	7.	0.34
+	2 COMBINED AT	CS10T	243.	4.60	69.	18.	13.	0.64
+	ROUTED TO	RS10T	241.	4.70	69.	18.	13.	0.64
+	HYDROGRAPH AT	DS30BX	0.	4.67	0.	0.	0.	3.70
+	ROUTED TO	RS30BS	0.	5.03	0.	0.	0.	3.70
+	HYDROGRAPH AT	S10S	477.	4.30	79.	20.	14.	0.49
+	DIVERSION TO	LS10SD	10.	1.47	1.	0.	0.	0.49
+	HYDROGRAPH AT	LS10S	477.	4.30	78.	20.	14.	0.49
+	3 COMBINED AT	CS10S	456.	4.47	123.	32.	23.	4.84
	ROUTED TO	RS10S	453.	4.53	123.	32.	23.	4.84
	HYDROGRAPH AT							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		S10Q	164.	4.40	39.	10.	7.	0.25
+	2 COMBINED AT	CS10Q	569.	4.53	157.	40.	29.	5.10
+	ROUTED TO	RS10Q	564.	4.57	157.	40.	29.	5.10
+	HYDROGRAPH AT	DRS10R	8.	4.40	2.	1.	0.	0.03
+	ROUTED TO	RS10RW	8.	5.03	2.	1.	0.	0.03
+	HYDROGRAPH AT	S10O	411.	4.43	89.	23.	16.	0.79
+	3 COMBINED AT	CS10O	837.	4.57	228.	59.	42.	5.89
+	HYDROGRAPH AT	S10J	70.	4.17	9.	2.	2.	0.08
+	DIVERSION TO	S10JI	41.	4.17	5.	1.	1.	0.08
+	HYDROGRAPH AT	DS10JO	29.	4.17	4.	1.	1.	0.08
+	ROUTED TO	RS10JW	29.	4.20	4.	1.	1.	0.08
+	2 COMBINED AT	CS10KN	846.	4.57	231.	59.	43.	5.97
+	ROUTED TO	RS10KN	845.	4.60	231.	59.	43.	5.97
+	HYDROGRAPH AT	S10JX	41.	4.17	5.	1.	1.	0.08
+	ROUTED TO	RS10JS	37.	4.30	5.	1.	1.	0.08
+	HYDROGRAPH AT	S10I	83.	4.27	15.	4.	3.	0.13
+	2 COMBINED AT	CS10I	119.	4.27	20.	5.	4.	0.13
+	DIVERSION TO	S10II	70.	4.27	11.	3.	2.	0.13
+	HYDROGRAPH AT	DS10IO	49.	4.27	9.	2.	2.	0.13
+	ROUTED TO	RS10IW	49.	4.33	9.	2.	2.	0.13
+	2 COMBINED AT	CS10KM	868.	4.60	236.	61.	44.	6.11
+	ROUTED TO	RS10KM	861.	4.63	236.	61.	44.	6.11
+	HYDROGRAPH AT	S10IX	70.	4.27	11.	3.	2.	0.13
+	ROUTED TO	RS10IS	64.	4.50	11.	3.	2.	0.13
+	HYDROGRAPH AT	S10N	77.	4.33	16.	4.	3.	0.14
+	2 COMBINED AT	CS10N	137.	4.43	27.	7.	5.	0.35

OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
DIVERSION TO	S10NI	69.	4.43	14.	3.	2.	0.35
+ HYDROGRAPH AT	DS10NO	69.	4.43	14.	3.	2.	0.35
+ ROUTED TO	RS10NW	68.	4.47	14.	3.	2.	0.35
+ HYDROGRAPH AT	S10K	213.	4.37	47.	12.	9.	0.34
+ 3 COMBINED AT	CS10K	1028.	4.63	283.	73.	53.	6.58
+ ROUTED TO	RS10K	1008.	4.73	283.	73.	53.	6.58
+ HYDROGRAPH AT	S10NX	69.	4.43	14.	3.	2.	0.35
+ ROUTED TO	RS10NS	62.	4.77	14.	3.	2.	0.35
+ HYDROGRAPH AT	S10G	251.	4.23	35.	9.	6.	0.28
+ 3 COMBINED AT	CS10G	1131.	4.67	319.	82.	59.	6.86
+ ROUTED TO	RS10G	1113.	4.77	319.	82.	59.	6.86
+ DIVERSION TO	X40I	425.	4.77	144.	38.	27.	6.86
HYDROGRAPH AT	DX40	689.	4.77	174.	44.	32.	6.86
+ ROUTED TO	RX40S	680.	4.87	174.	44.	32.	6.86
+ HYDROGRAPH AT	S10D	234.	4.50	62.	16.	11.	0.46
+ 2 COMBINED AT	CS10D	819.	4.83	223.	57.	41.	7.32
+ HYDROGRAPH AT	DS30X	0.	4.93	0.	0.	0.	4.23
+ ROUTED TO	RS30AS	0.	5.60	0.	0.	0.	4.23
+ HYDROGRAPH AT	S10P	182.	4.40	42.	11.	8.	0.33
+ 2 COMBINED AT	CS10P	120.	4.53	34.	9.	6.	4.56
+ ROUTED TO	RS10P	96.	5.40	34.	9.	6.	4.56
+ HYDROGRAPH AT	S10E	177.	4.83	73.	20.	14.	0.63
+ 2 COMBINED AT	CS10E	221.	5.27	93.	25.	18.	5.19
+ ROUTED TO	RS10E	218.	5.40	93.	25.	18.	5.19
HYDROGRAPH AT	S10M	336.	4.23	52.	13.	9.	0.35
ROUTED TO							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		RS10M	265.	4.57	52.	13.	9.	0.35
+	2 COMBINED AT	CS10E*	340.	4.97	136.	36.	26.	5.54
+	ROUTED TO	RS10E*	339.	5.00	136.	36.	26.	5.54
+	HYDROGRAPH AT	S10F	102.	4.73	37.	10.	7.	0.33
+	ROUTED TO	RS10F	97.	5.20	37.	10.	7.	0.33
+	2 COMBINED AT	CS10F*	400.	5.07	163.	43.	31.	5.88
+	ROUTED TO	RS10F*	396.	5.20	163.	43.	31.	5.88
+	HYDROGRAPH AT	S10C	137.	4.83	59.	16.	11.	0.37
+	3 COMBINED AT	CS10C	1149.	4.90	398.	106.	77.	13.57
+	ROUTED TO	RS10C	1144.	4.97	398.	106.	77.	13.57
+	HYDROGRAPH AT	DRX40	425.	4.77	144.	38.	27.	6.86
+	ROUTED TO	RX40E	422.	4.87	144.	38.	27.	6.86
+	HYDROGRAPH AT	S10B	88.	4.37	20.	5.	4.	0.14
+	2 COMBINED AT	CS10B	587.	4.80	184.	48.	34.	0.14
+	ROUTED TO	RS10B	585.	4.83	184.	48.	34.	0.14
+	HYDROGRAPH AT	S10A	19.	4.47	6.	2.	1.	0.05
+	HYDROGRAPH AT	S10	66.	4.37	16.	4.	3.	0.11
+	4 COMBINED AT	CS10	1618.	4.93	566.	151.	109.	13.87
+	ROUTED TO	RS10	1617.	4.93	566.	151.	109.	13.87
+	HYDROGRAPH AT	N06	485.	4.30	91.	23.	17.	0.59
+	DIVERSION TO	LN06D	88.	3.80	12.	3.	2.	0.59
+	HYDROGRAPH AT	LN06	485.	4.30	80.	20.	14.	0.59
+	4 COMBINED AT	CN06	1822.	7.03	1407.	617.	494.	52.61
+	ROUTED TO	RN06	1812.	7.10	1403.	617.	492.	52.61
+	HYDROGRAPH AT	N05C	125.	4.43	29.	7.	5.	0.28
+	2 COMBINED AT	CN05C	1813.	7.10	1411.	619.	495.	52.89

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	ROUTED TO	RN05C	1805.	7.23	1400.	619.	492.	52.89
+	HYDROGRAPH AT	N05B	77.	4.87	34.	9.	7.	0.31
+	DIVERSION TO	DN05BI	70.	4.87	30.	8.	6.	0.31
+	HYDROGRAPH AT	DN05B	8.	4.83	3.	1.	1.	0.31
+	ROUTED TO	RN05BE	8.	5.03	3.	1.	1.	0.31
+	HYDROGRAPH AT	N05A	145.	4.23	23.	6.	4.	0.17
+	DIVERSION TO	LN05AD	12.	3.57	2.	1.	0.	0.17
+	HYDROGRAPH AT	LN05A	145.	4.23	21.	5.	4.	0.17
+	HYDROGRAPH AT	N05	226.	4.30	47.	12.	9.	0.28
+	DIVERSION TO	LN05D	6.	0.90	0.	0.	0.	0.28
+	HYDROGRAPH AT	LN05	226.	4.30	47.	12.	9.	0.28
+	4 COMBINED AT	CN05	1803.	7.23	1418.	628.	500.	53.65
	ROUTED TO	RN05	1794.	7.40	1406.	627.	498.	53.65
+	HYDROGRAPH AT	DN05BX	70.	4.87	30.	8.	6.	0.31
+	ROUTED TO	RN05BS	67.	5.23	30.	8.	6.	0.31
+	HYDROGRAPH AT	N04A	42.	4.27	9.	2.	2.	0.07
+	3 COMBINED AT	CN04A	1807.	7.37	1421.	632.	502.	53.72
+	ROUTED TO	RN04A	1805.	7.57	1418.	632.	499.	53.72
+	HYDROGRAPH AT	N04	476.	4.43	112.	28.	20.	0.83
+	DIVERSION TO	LN04D	476.	4.43	50.	13.	9.	0.83
+	HYDROGRAPH AT	LN04	426.	4.70	63.	16.	11.	0.83
+	2 COMBINED AT	CN04	1803.	7.53	1435.	637.	503.	54.54
+	ROUTED TO	RN04	1803.	7.57	1434.	637.	502.	54.54
+	HYDROGRAPH AT	S01G	212.	4.30	40.	10.	7.	0.28
	ROUTED TO	RS01G	164.	4.87	40.	10.	7.	0.28
	HYDROGRAPH AT							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		S01D	194.	4.73	68.	18.	13.	0.63
+	2 COMBINED AT	CS01D	334.	4.83	103.	27.	19.	0.91
+	ROUTED TO	RS01D	318.	5.13	103.	27.	19.	0.91
+	HYDROGRAPH AT	S01H	89.	4.77	33.	9.	6.	0.32
+	ROUTED TO	RS01H	87.	5.03	33.	9.	6.	0.32
+	HYDROGRAPH AT	S01E	128.	4.33	24.	6.	4.	0.23
+	2 COMBINED AT	CS01E	164.	4.73	56.	15.	11.	0.55
+	ROUTED TO	RS01E	158.	4.93	56.	15.	11.	0.55
+	HYDROGRAPH AT	S01C	215.	4.43	49.	12.	9.	0.40
+	3 COMBINED AT	CS01C	526.	5.00	185.	48.	35.	1.87
+	ROUTED TO	RS01C	524.	5.07	185.	48.	35.	1.87
+	HYDROGRAPH AT	S01I	132.	4.37	28.	7.	5.	0.23
+	ROUTED TO	RS01I	124.	4.57	28.	7.	5.	0.23
+	HYDROGRAPH AT	S01F	67.	4.40	15.	4.	3.	0.15
+	2 COMBINED AT	CS01F	187.	4.53	43.	11.	8.	0.38
+	ROUTED TO	RS01F	173.	4.87	43.	11.	8.	0.38
+	HYDROGRAPH AT	S01B	186.	4.37	37.	9.	7.	0.31
+	3 COMBINED AT	CS01B	699.	4.97	243.	64.	46.	2.56
+	ROUTED TO	RS01B	692.	5.07	243.	64.	46.	2.56
+	HYDROGRAPH AT	S01A	98.	4.73	35.	9.	7.	0.35
+	2 COMBINED AT	CS01A	743.	5.07	266.	70.	50.	2.91
+	ROUTED TO	RS01A	738.	5.13	266.	70.	50.	2.91
+	HYDROGRAPH AT	S01	65.	4.83	27.	7.	5.	0.26
+	DIVERSION TO	LS01D	3.	2.87	1.	0.	0.	0.26
+	HYDROGRAPH AT	LS01	65.	4.83	27.	7.	5.	0.26
+	2 COMBINED AT	CS01	774.	5.13	284.	75.	54.	3.16

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	ROUTED TO	RS01	773.	5.13	284.	75.	54.	3.16
+	2 COMBINED AT	CN03*	1902.	7.40	1551.	675.	533.	57.71
+	ROUTED TO	RN03*	1899.	7.60	1541.	675.	530.	57.71
+	HYDROGRAPH AT	N03A	111.	4.73	40.	11.	8.	0.39
+	DIVERSION TO	LN03AD	3.	2.27	1.	0.	0.	0.39
+	HYDROGRAPH AT	LN03A	111.	4.73	40.	10.	7.	0.39
+	ROUTED TO	RN03A	111.	4.80	40.	10.	7.	0.39
+	HYDROGRAPH AT	N03B	463.	4.37	94.	24.	17.	0.63
+	DIVERSION TO	LN03BD	463.	4.37	60.	15.	11.	0.63
+	HYDROGRAPH AT	LN03B	301.	4.77	35.	9.	6.	0.63
+	ROUTED TO	RN03B	295.	4.80	35.	9.	6.	0.63
+	HYDROGRAPH AT	N03	211.	4.70	72.	19.	13.	0.60
	DIVERSION TO	LN03D	209.	4.63	21.	5.	4.	0.60
+	HYDROGRAPH AT	LN03	208.	4.83	54.	13.	10.	0.60
+	4 COMBINED AT	CN03	1928.	6.20	1569.	683.	537.	59.33
+	ROUTED TO	RN03	1915.	7.50	1566.	683.	536.	59.33
+	HYDROGRAPH AT	N02B	173.	4.13	23.	6.	4.	0.15
+	DIVERSION TO	LN02BD	173.	4.13	23.	6.	4.	0.15
+	HYDROGRAPH AT	LN02B	4.	6.10	0.	0.	0.	0.15
+	2 COMBINED AT	CN02B	1915.	7.50	1566.	683.	536.	59.48
+	ROUTED TO	RN02B	1915.	7.67	1563.	683.	534.	59.48
+	HYDROGRAPH AT	N02	415.	4.70	89.	23.	16.	0.76
+	DIVERSION TO	LN02D	66.	4.03	8.	2.	1.	0.76
+	HYDROGRAPH AT	LN02	415.	4.70	83.	21.	15.	0.76
	HYDROGRAPH AT	N02A	107.	4.47	18.	4.	3.	0.18
	3 COMBINED AT							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		CN02	1924.	6.67	1572.	693.	543.	60.42
+	HYDROGRAPH AT	S20A	117.	4.33	26.	6.	5.	0.16
+	ROUTED TO	RS20A	116.	4.40	26.	6.	5.	0.16
+	HYDROGRAPH AT	S20	111.	4.27	22.	6.	4.	0.14
+	2 COMBINED AT	CS20	222.	4.37	47.	12.	9.	0.30
+	ROUTED TO	RS20	221.	4.40	47.	12.	9.	0.30
+	HYDROGRAPH AT	A05A	119.	4.23	20.	5.	4.	0.14
+	ROUTED TO	RA05A	106.	4.73	20.	5.	4.	0.14
+	HYDROGRAPH AT	A99N	162.	4.17	23.	6.	4.	0.16
+	3 COMBINED AT	CA99N	390.	4.40	89.	23.	16.	0.60
+	HYDROGRAPH AT	DRA09S	0.	4.77	0.	0.	0.	0.07
+	ROUTED TO	RA09SW	0.	7.10	0.	0.	0.	0.07
+	HYDROGRAPH AT	A99Y	82.	5.13	24.	6.	4.	0.32
+	2 COMBINED AT	CA99Y	82.	5.13	24.	6.	4.	0.32
+	HYDROGRAPH AT	A99X	65.	4.63	17.	4.	3.	0.26
+	DIVERSION TO	LA99XD	65.	4.63	6.	2.	1.	0.26
+	HYDROGRAPH AT	LA99X	62.	4.83	11.	3.	2.	0.26
+	HYDROGRAPH AT	DRA09Q	0.	5.17	0.	0.	0.	0.47
+	ROUTED TO	RA09QW	0.	5.77	0.	0.	0.	0.47
+	HYDROGRAPH AT	A10A	55.	5.17	16.	4.	3.	0.19
+	2 COMBINED AT	CA10A	52.	5.17	16.	4.	3.	0.65
+	ROUTED TO	RA10A	50.	5.43	15.	4.	3.	0.65
+	HYDROGRAPH AT	A10	318.	4.13	23.	6.	4.	0.21
+	DIVERSION TO	LA10D	139.	3.97	5.	1.	1.	0.21
+	HYDROGRAPH AT	LA10	318.	4.13	18.	4.	3.	0.21
+	2 COMBINED AT	CA10	263.	4.13	31.	8.	6.	0.87

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	5 COMBINED AT	DUMMY2	1939.	6.60	1579.	705.	554.	62.47
+	HYDROGRAPH AT	DRX11I	0.	6.10	0.	0.	0.	1.34
+	ROUTED TO	RX11W	0.	6.47	0.	0.	0.	1.34
+	HYDROGRAPH AT	A99V	179.	4.33	19.	5.	3.	0.21
+	2 COMBINED AT	CA99V	179.	4.33	19.	5.	3.	0.21
+	HYDROGRAPH AT	DRA09L	0.	5.83	0.	0.	0.	1.13
+	ROUTED TO	RA09LW	0.	6.10	0.	0.	0.	1.13
+	HYDROGRAPH AT	A99W	137.	4.33	25.	6.	4.	0.22
+	DIVERSION TO	LA99WD	137.	4.33	19.	5.	3.	0.22
+	HYDROGRAPH AT	LA99W	65.	4.97	6.	2.	1.	0.22
+	2 COMBINED AT	CA99W	65.	4.97	7.	2.	1.	0.22
+	HYDROGRAPH AT	A99U	12.	5.17	5.	1.	1.	0.07
	HYDROGRAPH AT	A99S	34.	4.57	7.	2.	1.	0.08
+	DIVERSION TO	LA99SD	34.	4.57	7.	2.	1.	0.08
+	HYDROGRAPH AT	LA99S	4.	6.53	0.	0.	0.	0.08
+	HYDROGRAPH AT	A08A	24.	4.87	11.	3.	2.	0.14
+	ROUTED TO	RA08A	24.	5.13	10.	3.	2.	0.14
+	HYDROGRAPH AT	A99R	45.	4.07	3.	1.	1.	0.04
+	ROUTED TO	RA99R	28.	4.37	3.	1.	1.	0.04
+	HYDROGRAPH AT	A08	107.	4.00	6.	1.	1.	0.08
+	3 COMBINED AT	CA08	111.	4.03	18.	5.	4.	0.25
+	6 COMBINED AT	DUMMY3	1939.	6.60	1578.	707.	555.	63.29
+	HYDROGRAPH AT	A99P	390.	4.27	64.	16.	12.	0.57
+	DIVERSION TO	LA99PD	60.	3.87	6.	1.	1.	0.57
	HYDROGRAPH AT	LA99P	390.	4.27	59.	15.	11.	0.57
	HYDROGRAPH AT							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		A05	180.	4.07	12.	3.	2.	0.13
+	HYDROGRAPH AT	A99O	154.	4.07	11.	3.	2.	0.10
+	HYDROGRAPH AT	A99M	113.	4.03	10.	2.	2.	0.06
+	HYDROGRAPH AT	A99L	141.	4.00	10.	3.	2.	0.08
+	6 COMBINED AT	DUMMY4	1938.	6.57	1579.	715.	563.	64.24
+	HYDROGRAPH AT	A99K	112.	4.13	14.	4.	3.	0.11
+	HYDROGRAPH AT	A99J	102.	4.20	18.	5.	3.	0.14
+	HYDROGRAPH AT	A99I	127.	4.17	15.	4.	3.	0.14
+	HYDROGRAPH AT	A04A	70.	4.73	25.	6.	5.	0.22
+	ROUTED TO	RA04A	69.	4.93	24.	6.	5.	0.22
+	HYDROGRAPH AT	A04	42.	4.33	5.	1.	1.	0.08
+	2 COMBINED AT	CA04	83.	4.77	29.	8.	6.	0.30
+	ROUTED TO	RA04	78.	5.17	29.	8.	6.	0.30
+	HYDROGRAPH AT	A03D	24.	5.13	8.	2.	1.	0.13
+	DIVERSION TO	LA03DD	24.	5.13	8.	2.	1.	0.13
+	HYDROGRAPH AT	LA03D	0.	0.03	0.	0.	0.	0.13
+	2 COMBINED AT	CA03D	78.	5.17	29.	8.	6.	0.43
+	ROUTED TO	RA03D	69.	5.60	29.	8.	6.	0.43
+	HYDROGRAPH AT	A03E	82.	4.30	16.	4.	3.	0.15
+	DIVERSION TO	LA03ED	7.	3.63	1.	0.	0.	0.15
+	HYDROGRAPH AT	LA03E	82.	4.30	15.	4.	3.	0.15
+	ROUTED TO	RA03E	78.	4.47	15.	4.	3.	0.15
+	HYDROGRAPH AT	A03B	62.	4.20	6.	1.	1.	0.07
+	DIVERSION TO	LA03BD	62.	4.20	5.	1.	1.	0.07
+	HYDROGRAPH AT	LA03B	16.	4.57	1.	0.	0.	0.07
+	2 COMBINED AT	CA03B	91.	4.57	16.	4.	3.	0.23

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	ROUTED TO	RA03B	73.	5.13	16.	4.	3.	0.23
+	HYDROGRAPH AT	A03A	101.	4.30	12.	3.	2.	0.14
+	DIVERSION TO	LA03AD	101.	4.30	12.	3.	2.	0.14
+	HYDROGRAPH AT	LA03A	1.	5.93	0.	0.	0.	0.14
+	2 COMBINED AT	CA03A	73.	5.13	16.	4.	3.	0.37
+	ROUTED TO	RA03A	68.	5.33	16.	4.	3.	0.37
+	HYDROGRAPH AT	A03	73.	5.13	24.	6.	5.	0.28
+	DIVERSION TO	LA03D	73.	5.13	24.	6.	4.	0.28
+	HYDROGRAPH AT	LA03	5.	8.83	1.	0.	0.	0.28
+	3 COMBINED AT	CA03	108.	5.47	40.	10.	7.	1.07
+	5 COMBINED AT	DUMMY5	1965.	6.53	1592.	723.	570.	65.69
+	HYDROGRAPH AT	A99G	33.	4.00	1.	0.	0.	0.02
	DIVERSION TO	LA99GD	33.	4.00	1.	0.	0.	0.02
+	HYDROGRAPH AT	LA99G	0.	0.03	0.	0.	0.	0.02
+	HYDROGRAPH AT	A99H	14.	5.17	6.	2.	1.	0.10
+	DIVERSION TO	LA99HD	14.	5.17	6.	2.	1.	0.10
+	HYDROGRAPH AT	LA99H	0.	0.03	0.	0.	0.	0.10
+	ROUTED TO	RA99H	0.	0.03	0.	0.	0.	0.10
+	HYDROGRAPH AT	A02D	68.	4.00	4.	1.	1.	0.06
+	DIVERSION TO	LA02DD	68.	4.00	3.	1.	1.	0.06
+	HYDROGRAPH AT	LA02D	7.	4.10	0.	0.	0.	0.06
+	ROUTED TO	RA02D	2.	4.40	0.	0.	0.	0.06
+	HYDROGRAPH AT	A99F	15.	5.17	5.	1.	1.	0.11
+	3 COMBINED AT	CA99F	16.	5.13	6.	1.	1.	0.28
+	HYDROGRAPH AT	A02	2.	5.17	1.	0.	0.	0.02
	HYDROGRAPH AT							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		A01H	88.	4.00	4.	1.	1.	0.07
+	DIVERSION TO	LA01HD	88.	4.00	4.	1.	1.	0.07
+	HYDROGRAPH AT	LA01H	0.	0.03	0.	0.	0.	0.07
+	HYDROGRAPH AT	A99E	38.	4.00	2.	0.	0.	0.02
+	DIVERSION TO	LA99ED	38.	4.00	2.	0.	0.	0.02
+	HYDROGRAPH AT	LA99E	0.	4.83	0.	0.	0.	0.02
+	6 COMBINED AT	DUMMY6	1965.	6.53	1592.	723.	570.	66.10
+	HYDROGRAPH AT	A99B	51.	4.13	3.	1.	1.	0.05
+	HYDROGRAPH AT	A99C	29.	4.00	1.	0.	0.	0.03
+	DIVERSION TO	LA99CD	29.	4.00	1.	0.	0.	0.03
+	HYDROGRAPH AT	LA99C	0.	0.03	0.	0.	0.	0.03
+	HYDROGRAPH AT	A99D	45.	4.00	2.	1.	0.	0.03
+	DIVERSION TO	LA99DD	44.	3.97	2.	0.	0.	0.03
+	HYDROGRAPH AT	LA99D	43.	4.03	1.	0.	0.	0.03
+	HYDROGRAPH AT	A01A	8.	5.17	3.	1.	1.	0.05
+	ROUTED TO	RA01A	7.	5.77	3.	1.	1.	0.05
+	HYDROGRAPH AT	A01	41.	5.13	13.	3.	2.	0.20
+	DIVERSION TO	LA01DD	41.	5.13	13.	3.	2.	0.20
+	HYDROGRAPH AT	LA01D	0.	0.03	0.	0.	0.	0.20
+	2 COMBINED AT	CA01	7.	5.77	3.	1.	1.	0.25
+	HYDROGRAPH AT	A99A	160.	4.17	14.	3.	2.	0.13
+	DIVERSION TO	LA99AD	160.	4.17	14.	3.	2.	0.13
+	HYDROGRAPH AT	LA99A	0.	0.03	0.	0.	0.	0.13
+	HYDROGRAPH AT	A99	23.	4.97	7.	2.	1.	0.14
+	DIVERSION TO	LA99D	23.	4.97	7.	2.	1.	0.14
+	HYDROGRAPH AT	LA99	0.	0.03	0.	0.	0.	0.14

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
	7 COMBINED AT	DUMMY7	1964.	6.53	1591.	723.	570.	66.72
+	HYDROGRAPH AT	A01E	99.	4.13	12.	3.	2.	0.08
+	DIVERSION TO	A01EI	60.	4.13	7.	2.	1.	0.08
+	HYDROGRAPH AT	DA01E	40.	4.13	5.	1.	1.	0.08
+	ROUTED TO	RA01ES	19.	5.93	5.	1.	1.	0.08
+	HYDROGRAPH AT	N01A	98.	5.10	27.	7.	5.	0.41
+	DIVERSION TO	LN01AD	98.	5.10	27.	7.	5.	0.41
+	HYDROGRAPH AT	LN01A	0.	0.03	0.	0.	0.	0.41
+	ROUTED TO	RN01A	0.	0.03	0.	0.	0.	0.41
+	HYDROGRAPH AT	N01	319.	4.40	74.	19.	14.	0.65
+	3 COMBINED AT	CN01	277.	4.43	73.	19.	13.	1.14
+	HYDROGRAPH AT	A03C	207.	4.27	33.	8.	6.	0.33
+	DIVERSION TO	LA03CD	63.	3.97	4.	1.	1.	0.33
+	HYDROGRAPH AT	LA03C	207.	4.27	29.	7.	5.	0.33
+	ROUTED TO	RA03C	183.	4.50	29.	7.	5.	0.33
+	HYDROGRAPH AT	A02B	344.	4.10	27.	7.	5.	0.27
+	DIVERSION TO	LA02BD	315.	4.03	12.	3.	2.	0.27
+	HYDROGRAPH AT	LA02B	344.	4.10	15.	4.	3.	0.27
+	ROUTED TO	RA02B	231.	4.20	15.	4.	3.	0.27
+	2 COMBINED AT	CA02A*	294.	4.30	42.	11.	8.	0.60
+	ROUTED TO	RA02A*	240.	4.60	42.	11.	8.	0.60
+	HYDROGRAPH AT	A02A	222.	5.07	62.	16.	11.	0.61
+	DIVERSION TO	LA02AD	222.	5.07	56.	14.	10.	0.61
+	HYDROGRAPH AT	LA02A	44.	6.77	7.	2.	1.	0.61
+	HYDROGRAPH AT	A01G	328.	4.00	17.	4.	3.	0.19
	DIVERSION TO							

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
+		LA01GD	328.	4.00	17.	4.	3.	0.19
+	HYDROGRAPH AT	LA01G	0.	0.03	0.	0.	0.	0.19
+	3 COMBINED AT	CA01G	236.	4.60	48.	12.	9.	1.39
+	ROUTED TO	RA01G	151.	4.90	36.	9.	7.	1.39
+	HYDROGRAPH AT	A02C	156.	4.40	35.	9.	6.	0.33
+	DIVERSION TO	LA02CD	156.	4.40	26.	6.	5.	0.33
+	HYDROGRAPH AT	LA02C	74.	5.20	10.	2.	2.	0.33
+	ROUTED TO	RA02C	29.	6.17	9.	2.	2.	0.33
+	HYDROGRAPH AT	A01F	133.	4.37	29.	7.	5.	0.28
+	DIVERSION TO	LA01FD	133.	4.37	16.	4.	3.	0.28
+	HYDROGRAPH AT	LA01F	102.	4.77	13.	3.	2.	0.28
+	2 COMBINED AT	CA01F	90.	4.77	21.	5.	4.	0.61
+	ROUTED TO	RA01F	70.	5.13	21.	5.	4.	0.61
+	HYDROGRAPH AT	A01D	186.	4.33	24.	6.	4.	0.21
+	DIVERSION TO	LA01DD	186.	4.33	24.	6.	4.	0.21
+	HYDROGRAPH AT	LA01D	0.	0.03	0.	0.	0.	0.21
+	HYDROGRAPH AT	DRA01E	60.	4.13	7.	2.	1.	0.08
+	ROUTED TO	RA01EW	52.	4.20	7.	2.	1.	0.08
+	3 COMBINED AT	CA01D	64.	5.10	24.	6.	5.	0.82
+	ROUTED TO	RA01D	52.	5.60	24.	6.	5.	0.82
+	HYDROGRAPH AT	A01C	210.	4.20	31.	8.	6.	0.22
+	DIVERSION TO	LA01CD	210.	4.20	31.	8.	6.	0.22
+	HYDROGRAPH AT	LA01C	6.	6.00	1.	0.	0.	0.22
+	HYDROGRAPH AT	A01B	32.	5.07	8.	2.	1.	0.15
+	DIVERSION TO	LA01BD	32.	5.07	8.	2.	1.	0.15
+	HYDROGRAPH AT	LA01B	0.	0.03	0.	0.	0.	0.15

OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA
4 COMBINED AT	CA01B	147.	4.97	42.	11.	8.	2.58

*** NORMAL END OF HEC-1 ***

ACDC SUB-AREA MODEL

RUNOFF SUMMARY
FLOW IN CUBIC FEET PER SECOND
TIME IN HOURS, AREA IN SQUARE MILES

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA	MAXIMUM STAGE	TIME OF MAX STAGE
+	HYDROGRAPH AT	R370	310.	4.55	49.	12.	12.	1.61		
+	ROUTED TO	370101	300.	4.80	49.	12.	12.	1.61		
+	HYDROGRAPH AT	C371A	186.	4.80	66.	17.	17.	0.53		
+	DIVERSION TO	C371AR	186.	5.85	47.	12.	11.	0.53		
+	HYDROGRAPH AT	DC371A	107.	5.85	22.	6.	5.	0.53		
+	2 COMBINED AT	C101	300.	4.80	72.	18.	17.	2.14		
+	DIVERSION TO	D101S	32.	4.80	5.	1.	1.	2.14		
+	HYDROGRAPH AT	D101W	269.	4.80	67.	17.	16.	2.14		
+	ROUTED TO	101102	264.	5.00	67.	17.	16.	2.14		
+	HYDROGRAPH AT	C371B	269.	4.55	76.	19.	19.	0.54		
+	DIVERSION TO	C371BR	269.	4.75	33.	8.	8.	0.54		
+	HYDROGRAPH AT	DC371B	255.	4.75	45.	11.	11.	0.54		
+	2 COMBINED AT	C102	480.	5.00	112.	28.	27.	2.68		
+	DIVERSION TO	D102S	272.	5.00	76.	19.	18.	2.68		
+	HYDROGRAPH AT	D102W	208.	5.00	36.	9.	9.	2.68		
+	ROUTED TO	102103	191.	5.20	36.	9.	9.	2.68		
+									0.63	5.20
+	HYDROGRAPH AT	C373A	122.	4.25	24.	6.	6.	0.14		
+	DIVERSION TO	C373AR	122.	4.70	17.	4.	4.	0.14		
+	HYDROGRAPH AT	DC373A	71.	4.70	7.	2.	2.	0.14		
+	2 COMBINED AT	C103	220.	5.20	44.	11.	11.	2.82		
+	DIVERSION TO	D103S	5.	5.20	0.	0.	0.	2.82		
+	HYDROGRAPH AT	D103W	215.	5.20	44.	11.	11.	2.82		
+	ROUTED TO	103104	214.	5.35	44.	11.	11.	2.82		
+	HYDROGRAPH AT	C373B	73.	4.25	15.	4.	4.	0.10		
+	DIVERSION TO	C373BR	73.	4.35	6.	2.	2.	0.10		
+	HYDROGRAPH AT	DC373B	70.	4.35	9.	2.	2.	0.10		
	2 COMBINED AT	C104	229.	5.30	53.	13.	13.	2.92		
+	DIVERSION TO	D104W	97.	5.30	15.	4.	4.	2.92		

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA	MAXIMUM STAGE	TIME OF MAX STAGE
+	HYDROGRAPH AT	D104S	133.	5.30	37.	9.	9.	2.92		
+	ROUTED TO	104105	128.	5.55	37.	9.	9.	2.92		
+									0.51	5.55
+	HYDROGRAPH AT	C385B	168.	4.25	29.	7.	7.	0.20		
+	DIVERSION TO	C385BR	138.	4.25	8.	2.	2.	0.20		
+	HYDROGRAPH AT	DC385B	168.	4.25	21.	5.	5.	0.20		
+	HYDROGRAPH AT	DZ107	79.	4.45	27.	7.	6.	0.00		
+	2 COMBINED AT	C105E	225.	4.45	48.	12.	12.	0.20		
+	2 COMBINED AT	C105	228.	4.45	85.	21.	20.	3.12		
+	DIVERSION TO	D105W	12.	4.45	2.	0.	0.	3.12		
+	HYDROGRAPH AT	D105S	217.	4.45	84.	21.	20.	3.12		
+	ROUTED TO	105112	211.	4.70	84.	21.	20.	3.12		
+	HYDROGRAPH AT	D101S	32.	4.80	5.	1.	1.	0.00		
+	ROUTED TO	101106	30.	5.45	5.	1.	1.	0.00		
+	HYDROGRAPH AT	D102S	272.	5.00	76.	19.	18.	0.00		
	ROUTED TO	102106	272.	5.10	76.	19.	18.	0.00		
+	HYDROGRAPH AT	C384A	300.	4.25	59.	15.	14.	0.35		
+	DIVERSION TO	C384AR	300.	4.95	47.	12.	11.	0.35		
+	HYDROGRAPH AT	DC384A	122.	4.95	13.	3.	3.	0.35		
+	3 COMBINED AT	C106	364.	5.10	94.	24.	23.	0.35		
+	DIVERSION TO	D106S	329.	5.10	89.	22.	21.	0.35		
+	HYDROGRAPH AT	D106W	35.	5.10	6.	1.	1.	0.35		
+	ROUTED TO	106107	30.	5.45	6.	1.	1.	0.35		
+									0.33	5.50
+	HYDROGRAPH AT	D103S	5.	5.20	0.	0.	0.	0.00		
+	ROUTED TO	103107	3.	6.40	0.	0.	0.	0.00		
+	HYDROGRAPH AT	C385A	205.	4.35	47.	12.	11.	0.30		
+	DIVERSION TO	C385AR	178.	4.35	13.	3.	3.	0.30		
+	HYDROGRAPH AT	DC385A	205.	4.35	35.	9.	8.	0.30		
	3 COMBINED AT	C107	205.	4.35	40.	10.	10.	0.65		

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA	MAXIMUM STAGE	TIME OF MAX STAGE
+	DIVERSION TO	DZ107	79.	4.35	28.	7.	7.	0.65		
+	HYDROGRAPH AT	C107	126.	4.35	13.	3.	3.	0.65		
+	DIVERSION TO	D107S	68.	4.35	6.	2.	2.	0.65		
+	HYDROGRAPH AT	D107W	58.	4.35	6.	2.	2.	0.65		
+	ROUTED TO	107112	58.	4.50	6.	2.	1.	0.65		
+	HYDROGRAPH AT	R383	1010.	4.85	211.	56.	54.	0.00		
+	DIVERSION TO	D383S	602.	4.85	157.	42.	41.	0.00		
+	HYDROGRAPH AT	D383W	409.	4.85	54.	14.	13.	0.00		
+	ROUTED TO	383108	404.	5.00	54.	14.	13.	0.00		
+	HYDROGRAPH AT	C384B	92.	4.65	28.	7.	7.	0.34		
+	DIVERSION TO	C384BR	2.	4.65	0.	0.	0.	0.34		
+	HYDROGRAPH AT	DC384B	92.	4.65	28.	7.	7.	0.34		
+	2 COMBINED AT	C108	486.	5.00	82.	21.	20.	0.34		
+	DIVERSION TO	D108S	25.	5.00	2.	0.	0.	0.34		
	HYDROGRAPH AT	D108W	461.	5.00	81.	20.	20.	0.34		
+	ROUTED TO	108109	455.	5.10	81.	20.	20.	0.34		
+	HYDROGRAPH AT	D106S	329.	5.10	89.	22.	21.	0.00		
+	ROUTED TO	106109	310.	5.25	88.	22.	21.	0.00		
+									0.95	5.25
+	HYDROGRAPH AT	C384C	145.	4.40	34.	9.	8.	0.25		
+	DIVERSION TO	C384CR	23.	4.40	3.	1.	1.	0.25		
+	HYDROGRAPH AT	DC384C	145.	4.40	32.	8.	8.	0.25		
+	3 COMBINED AT	C109	792.	5.20	199.	50.	49.	0.59		
+	DIVERSION TO	D109S	528.	5.20	169.	43.	41.	0.59		
+	HYDROGRAPH AT	D109W	264.	5.20	30.	8.	7.	0.59		
+	ROUTED TO	109110	261.	5.30	30.	8.	7.	0.59		
+	HYDROGRAPH AT	C385C	60.	4.35	13.	3.	3.	0.09		
+	DIVERSION TO	C385CR	34.	4.35	2.	1.	1.	0.09		
	HYDROGRAPH AT	DC385C	60.	4.35	11.	3.	3.	0.09		
	2 COMBINED AT									

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA	MAXIMUM STAGE	TIME OF MAX STAGE
+		C110	282.	5.30	42.	10.	10.	0.68		
	DIVERSION TO	D110S	39.	5.30	4.	1.	1.	0.68		
+	HYDROGRAPH AT	D110W	243.	5.30	38.	10.	9.	0.68		
+	ROUTED TO	110111	240.	5.40	38.	10.	9.	0.68		
+	HYDROGRAPH AT	D107S	68.	4.35	6.	2.	2.	0.00		
+	ROUTED TO	107111	66.	4.60	7.	2.	2.	0.00		
+	HYDROGRAPH AT	C385D	39.	4.35	9.	2.	2.	0.07		
+	3 COMBINED AT	C111	264.	5.40	53.	13.	13.	0.76		
+	DIVERSION TO	D111S	26.	5.40	2.	1.	1.	0.76		
+	HYDROGRAPH AT	D111W	238.	5.40	51.	13.	12.	0.76		
+	ROUTED TO	111112	236.	5.55	51.	13.	12.	0.76		
+	HYDROGRAPH AT	C385E	145.	4.40	33.	8.	8.	0.23		
+	DIVERSION TO	C385ER	25.	4.40	3.	1.	1.	0.23		
+	HYDROGRAPH AT	DC385E	145.	4.40	31.	8.	7.	0.23		
	2 COMBINED AT	C112E	275.	5.50	82.	21.	20.	0.99		
+	2 COMBINED AT	C112	312.	4.75	88.	22.	21.	1.63		
+	DIVERSION TO	D112W	0.	4.75	0.	0.	0.	1.63		
+	HYDROGRAPH AT	D112S	312.	4.75	88.	22.	21.	1.63		
+	ROUTED TO	112113	310.	4.80	88.	22.	21.	1.63		
+	HYDROGRAPH AT	C394D	52.	4.00	3.	1.	1.	0.03		
+	2 COMBINED AT	C113	310.	4.80	92.	23.	22.	1.67		
+	HYDROGRAPH AT	D105W	12.	4.45	2.	0.	0.	0.00		
+	ROUTED TO	105114	11.	4.80	2.	0.	0.	0.00		
+	HYDROGRAPH AT	C394A	74.	4.25	15.	4.	4.	0.10		
+	DIVERSION TO	C394AR	74.	4.90	12.	3.	3.	0.10		
+	HYDROGRAPH AT	DC394A	33.	4.90	4.	1.	1.	0.10		
+	2 COMBINED AT	C114	44.	4.90	5.	1.	1.	0.10		
+	DIVERSION TO	D114W	17.	4.90	1.	0.	0.	0.10		
	HYDROGRAPH AT	D114S	27.	4.90	4.	1.	1.	0.10		

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA	MAXIMUM STAGE	TIME OF MAX STAGE
+	ROUTED TO	114115	24.	5.25	4.	1.	1.	0.10		
+	HYDROGRAPH AT	C394B	40.	4.45	10.	3.	2.	0.07		
+	2 COMBINED AT	C115	44.	5.25	14.	4.	3.	0.17		
+	DIVERSION TO	D115W	22.	5.25	7.	2.	2.	0.17		
+	HYDROGRAPH AT	D115S	22.	5.25	7.	2.	2.	0.17		
+	ROUTED TO	115116	20.	5.45	7.	2.	2.	0.17		
+	HYDROGRAPH AT	D112W	0.	4.75	0.	0.	0.	0.00		
+	ROUTED TO	112116	0.	5.75	0.	0.	0.	0.00		
+	HYDROGRAPH AT	C394C	35.	4.50	10.	3.	2.	0.07		
+	DIVERSION TO	C394CR	14.	4.50	1.	0.	0.	0.07		
+	HYDROGRAPH AT	DC394C	35.	4.50	9.	2.	2.	0.07		
+	3 COMBINED AT	C116	55.	4.55	16.	4.	4.	0.24		
+	DIVERSION TO	D116W	16.	4.55	9.	2.	2.	0.24		
+	HYDROGRAPH AT	D116S	39.	4.55	8.	2.	2.	0.24		
	HYDROGRAPH AT	D114W	17.	4.90	1.	0.	0.	0.00		
+	ROUTED TO	114117	13.	5.30	1.	0.	0.	0.00		
+	HYDROGRAPH AT	C394E	18.	4.50	5.	1.	1.	0.05		
+	DIVERSION TO	C394ER	18.	5.35	4.	1.	1.	0.05		
+	HYDROGRAPH AT	DC394E	10.	5.35	2.	0.	0.	0.05		
+	2 COMBINED AT	C117	23.	5.30	3.	1.	1.	0.05		
+	DIVERSION TO	D117W	5.	5.30	0.	0.	0.	0.05		
+	HYDROGRAPH AT	D117S	18.	5.30	3.	1.	1.	0.05		
+	ROUTED TO	117118	16.	5.65	3.	1.	1.	0.05		
+									0.24	5.65
+	HYDROGRAPH AT	D115W	22.	5.25	7.	2.	2.	0.00		
+	ROUTED TO	115118	22.	5.45	7.	2.	2.	0.00		
+	HYDROGRAPH AT	D116W	16.	4.45	9.	2.	2.	0.00		
+	ROUTED TO	116118	16.	4.55	9.	2.	2.	0.00		
+									0.22	4.65
	HYDROGRAPH AT	C394F	46.	4.40	11.	3.	3.	0.10		

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA	MAXIMUM STAGE	TIME OF MAX STAGE
+	4 COMBINED AT	C118	81.	4.50	29.	8.	7.	0.16		
+	HYDROGRAPH AT	D117W	5.	5.30	0.	0.	0.	0.00		
+	ROUTED TO	117119	2.	5.95	0.	0.	0.	0.00		
+	HYDROGRAPH AT	C394G	23.	4.80	10.	3.	3.	0.11		
+	DIVERSION TO	C394GR	23.	0.05	10.	3.	3.	0.11		
+	HYDROGRAPH AT	DC394G	0.	0.05	0.	0.	0.	0.11		
+	2 COMBINED AT	C119	2.	5.95	0.	0.	0.	0.11		
+	HYDROGRAPH AT	C394H	50.	4.85	20.	5.	5.	0.27		
+	DIVERSION TO	C394HR	50.	5.55	10.	3.	3.	0.27		
+	HYDROGRAPH AT	DC394H	39.	5.55	10.	3.	3.	0.27		
+	5 COMBINED AT	INTRM1	415.	4.75	138.	35.	34.	2.44		
+	HYDROGRAPH AT	D383S	602.	4.85	157.	42.	41.	0.00		
+	ROUTED TO	383120	592.	5.00	157.	42.	41.	0.00		
+	DIVERSION TO	D120S	428.	5.00	135.	37.	35.	0.00		
+	HYDROGRAPH AT	D120W	164.	5.00	22.	6.	5.	0.00		
+	ROUTED TO	120121	161.	5.15	22.	6.	5.	0.00		
+	HYDROGRAPH AT	D108S	25.	5.00	2.	0.	0.	0.00		
+	ROUTED TO	108121	22.	5.50	2.	0.	0.	0.00		
+	HYDROGRAPH AT	C392A	105.	4.50	27.	7.	7.	0.26		
+	3 COMBINED AT	C121	227.	5.15	51.	13.	13.	0.26		
+	DIVERSION TO	D121S	60.	5.15	5.	1.	1.	0.26		
+	HYDROGRAPH AT	D121W	167.	5.15	46.	12.	11.	0.26		
+	ROUTED TO	121123	165.	5.35	46.	12.	11.	0.26		
+	HYDROGRAPH AT	D109S	528.	5.20	169.	43.	41.	0.00		
+	ROUTED TO	109122	526.	5.30	169.	43.	41.	0.00		
+	DIVERSION TO	D122W	28.	5.30	3.	1.	1.	0.00		
+	HYDROGRAPH AT	D122S	498.	5.30	166.	42.	41.	0.00		
+	ROUTED TO	122123	494.	5.40	166.	42.	41.	0.00		
+	HYDROGRAPH AT	C392B	252.	4.30	45.	11.	11.	0.34		

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA	MAXIMUM STAGE	TIME OF MAX STAGE
+	DIVERSION TO	C392BR	252.	4.80	33.	8.	8.	0.34		
+	HYDROGRAPH AT	DC392B	125.	4.80	12.	3.	3.	0.34		
+	3 COMBINED AT	C123	695.	5.40	223.	57.	55.	0.60		
+	DIVERSION TO	D123W	98.	5.40	21.	5.	5.	0.60		
+	HYDROGRAPH AT	D123S	597.	5.40	202.	52.	50.	0.60		
+	ROUTED TO	123126	596.	5.45	202.	52.	50.	0.60		
+	HYDROGRAPH AT	DT391	365.	4.45	54.	14.	13.	0.99		
+	HYDROGRAPH AT	RM391	519.	4.90	90.	23.	22.	1.98		
+	HYDROGRAPH AT	D120S	428.	5.00	135.	37.	35.	0.00		
+	ROUTED TO	120391	425.	5.15	135.	37.	35.	0.00		
+	3 COMBINED AT	C391	1097.	5.00	279.	73.	70.	2.97		
+	DIVERSION TO	D391S	645.	5.00	193.	51.	49.	2.97		
+	HYDROGRAPH AT	D391W	452.	5.00	87.	22.	21.	2.97		
+	ROUTED TO	391124	452.	5.05	87.	22.	21.	2.97		
	HYDROGRAPH AT	C392C	16.	4.90	7.	2.	2.	0.05		
+	DIVERSION TO	C392CR	16.	5.00	2.	1.	1.	0.05		
+	HYDROGRAPH AT	DC392C	16.	5.00	6.	1.	1.	0.05		
+	2 COMBINED AT	C124	467.	5.05	92.	23.	22.	3.02		
+	DIVERSION TO	D124S	51.	5.05	9.	2.	2.	3.02		
+	HYDROGRAPH AT	D124W	417.	5.05	84.	21.	20.	3.02		
+	ROUTED TO	124125	416.	5.15	84.	21.	20.	3.02		
+	HYDROGRAPH AT	D121S	60.	5.15	5.	1.	1.	0.00		
+	ROUTED TO	121125	52.	5.35	5.	1.	1.	0.00		
+									0.45	5.35
+	HYDROGRAPH AT	C392D	88.	4.50	24.	6.	6.	0.19		
+	DIVERSION TO	C392DR	58.	4.50	4.	1.	1.	0.19		
+	HYDROGRAPH AT	DC392D	88.	4.50	20.	5.	5.	0.19		
+	3 COMBINED AT	C125	484.	5.25	109.	27.	26.	3.21		
	DIVERSION TO	D125S	39.	5.25	6.	1.	1.	3.21		
	HYDROGRAPH AT									

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA	MAXIMUM STAGE	TIME OF MAX STAGE
+		D125W	445.	5.25	103.	26.	25.	3.21		
	ROUTED TO	125126	441.	5.40	103.	26.	25.	3.21		
+	HYDROGRAPH AT	C392E	73.	4.45	20.	5.	5.	0.15		
+	DIVERSION TO	C392ER	73.	4.75	10.	3.	2.	0.15		
+	HYDROGRAPH AT	DC392E	65.	4.75	11.	3.	3.	0.15		
+	3 COMBINED AT	C126	1065.	5.45	316.	80.	77.	3.96		
+	DIVERSION TO	D126W	821.	5.45	286.	73.	70.	3.96		
+	HYDROGRAPH AT	D126S	243.	5.45	30.	8.	7.	3.96		
+	ROUTED TO	126127	242.	5.45	30.	8.	7.	3.96		
+	HYDROGRAPH AT	C401C	59.	4.20	11.	3.	3.	0.07		
+	DIVERSION TO	C401CR	59.	4.90	9.	2.	2.	0.07		
+	HYDROGRAPH AT	DC401C	22.	4.90	2.	1.	1.	0.07		
+	2 COMBINED AT	C127	250.	5.45	32.	8.	8.	4.03		
+	HYDROGRAPH AT	C393M	23.	4.00	2.	1.	1.	0.01		
+	2 COMBINED AT	C128	251.	5.45	35.	9.	8.	4.05		
+	HYDROGRAPH AT	C393L	24.	4.05	3.	1.	1.	0.02		
+	DIVERSION TO	C393LR	24.	4.30	2.	1.	1.	0.02		
+	HYDROGRAPH AT	DC393L	10.	4.30	1.	0.	0.	0.02		
+	HYDROGRAPH AT	D126W	821.	5.45	286.	73.	70.	0.00		
+	ROUTED TO	126129	821.	5.45	286.	73.	70.	0.00		
+	2 COMBINED AT	C129	822.	5.45	286.	73.	70.	0.02		
+	HYDROGRAPH AT	C393I	32.	4.35	7.	2.	2.	0.06		
+	HYDROGRAPH AT	D123W	98.	5.40	21.	5.	5.	0.00		
+	ROUTED TO	123132	98.	5.45	21.	5.	5.	0.00		
+	2 COMBINED AT	C132	107.	5.45	28.	7.	7.	0.06		
+	DIVERSION TO	D132S	56.	5.45	15.	4.	4.	0.06		
+	HYDROGRAPH AT	D132W	51.	5.45	13.	3.	3.	0.06		
+	ROUTED TO	132133	50.	5.45	13.	3.	3.	0.06		
	HYDROGRAPH AT	C393J	6.	4.20	1.	0.	0.	0.01		

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA	MAXIMUM STAGE	TIME OF MAX STAGE
+	2 COMBINED AT	C133	51.	5.45	14.	4.	3.	0.07		
+	HYDROGRAPH AT	D132S	56.	5.45	15.	4.	4.	0.00		
+	HYDROGRAPH AT	C393K	13.	4.30	3.	1.	1.	0.03		
+	2 COMBINED AT	C130	59.	5.45	18.	4.	4.	0.03		
+	HYDROGRAPH AT	C393E	55.	4.35	11.	3.	3.	0.09		
+	5 COMBINED AT	INTRM2	1197.	5.45	361.	92.	89.	4.24		
+	HYDROGRAPH AT	C393A	65.	4.40	16.	4.	4.	0.11		
+	DIVERSION TO	C393AR	63.	4.40	5.	1.	1.	0.11		
+	HYDROGRAPH AT	DC393A	65.	4.40	11.	3.	3.	0.11		
+	HYDROGRAPH AT	D110S	39.	5.30	4.	1.	1.	0.00		
+	ROUTED TO	110136	34.	5.55	4.	1.	1.	0.00		
+									0.38	5.55
+	HYDROGRAPH AT	D122W	28.	5.30	3.	1.	1.	0.00		
+	ROUTED TO	122136	24.	5.55	3.	1.	1.	0.00		
+									0.28	5.55
+	HYDROGRAPH AT	C393B	34.	4.35	7.	2.	2.	0.06		
+	DIVERSION TO	D135W	12.	4.35	2.	0.	0.	0.06		
+	HYDROGRAPH AT	D135S	22.	4.35	6.	1.	1.	0.06		
+	ROUTED TO	135136	22.	4.40	6.	1.	1.	0.06		
+	4 COMBINED AT	C136	88.	5.55	24.	6.	6.	0.16		
+	DIVERSION TO	D136W	88.	4.05	23.	6.	6.	0.16		
+	HYDROGRAPH AT	D136S	0.	4.05	0.	0.	0.	0.16		
+	ROUTED TO	136137	0.	4.50	0.	0.	0.	0.16		
+	HYDROGRAPH AT	C393F	16.	4.20	3.	1.	1.	0.02		
+	2 COMBINED AT	C137	16.	4.20	3.	1.	1.	0.18		
+	HYDROGRAPH AT	C393G	12.	4.35	3.	1.	1.	0.02		
+	HYDROGRAPH AT	D136W	88.	5.55	23.	6.	6.	0.00		
+	ROUTED TO	136138	88.	4.55	24.	6.	6.	0.00		
+	2 COMBINED AT	C138	99.	4.55	26.	7.	6.	0.02		
+	HYDROGRAPH AT	C393C	39.	4.45	10.	3.	2.	0.07		

OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA	MAXIMUM STAGE	TIME OF MAX STAGE
+ HYDROGRAPH AT	D111S	26.	5.40	2.	1.	1.	0.00		
+ ROUTED TO	111139	22.	5.65	2.	1.	1.	0.00	0.29	5.65
+ DIVERSION TO	D139W	2.	5.65	0.	0.	0.	0.00		
+ HYDROGRAPH AT	D139S	20.	5.65	2.	1.	1.	0.00		
+ ROUTED TO	139140	20.	5.70	2.	1.	1.	0.00		
+ DIVERSION TO	D140S	10.	5.70	1.	0.	0.	0.00		
+ HYDROGRAPH AT	D140W	10.	5.70	1.	0.	0.	0.00		
+ ROUTED TO	140141	10.	5.75	1.	0.	0.	0.00		
+ 2 COMBINED AT	C141	39.	4.45	11.	3.	3.	0.07		
+ HYDROGRAPH AT	C393H	32.	4.30	6.	2.	2.	0.05		
+ HYDROGRAPH AT	D135W	12.	4.35	2.	0.	0.	0.00		
+ ROUTED TO	135142	12.	4.55	2.	0.	0.	0.00		
+ HYDROGRAPH AT	D140S	10.	5.70	1.	0.	0.	0.00		
+ ROUTED TO	140142	10.	5.90	1.	0.	0.	0.00		
3 COMBINED AT	C142	42.	4.45	9.	2.	2.	0.05		
+ HYDROGRAPH AT	C393D	21.	4.25	4.	1.	1.	0.03		
+ HYDROGRAPH AT	D139W	2.	5.65	0.	0.	0.	0.00		
+ ROUTED TO	139143	2.	5.75	0.	0.	0.	0.00		
+ 2 COMBINED AT	C143	21.	4.25	4.	1.	1.	0.03		
+ HYDROGRAPH AT	C393N	27.	4.95	13.	4.	3.	0.14		
+ 7 COMBINED AT	C144	1309.	5.45	427.	110.	105.	4.73		
+ HYDROGRAPH AT	DT400	374.	4.45	81.	20.	20.	2.95		
+ HYDROGRAPH AT	RM400	504.	5.00	89.	22.	21.	0.99		
+ HYDROGRAPH AT	D391S	645.	5.00	193.	51.	49.	0.00		
+ ROUTED TO	391400	643.	5.25	193.	51.	49.	0.00		
+ 3 COMBINED AT	C400	1299.	5.10	363.	94.	90.	3.94		
+ HYDROGRAPH AT	C401A	181.	4.45	41.	10.	10.	0.29		
DIVERSION TO	C401AR	88.	4.45	5.	1.	1.	0.29		
HYDROGRAPH AT									

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA	MAXIMUM STAGE	TIME OF MAX STAGE
+		DC401A	181.	4.45	36.	9.	9.	0.29		
	HYDROGRAPH AT	D124S	51.	5.05	9.	2.	2.	0.00		
+	ROUTED TO	124145	51.	5.40	9.	2.	2.	0.00		
+	2 COMBINED AT	C145	181.	4.45	45.	11.	11.	0.29		
+	HYDROGRAPH AT	C401D	24.	4.20	4.	1.	1.	0.03		
+	HYDROGRAPH AT	C401B	80.	4.35	19.	5.	5.	0.13		
+	DIVERSION TO	C401BR	80.	4.50	8.	2.	2.	0.13		
+	HYDROGRAPH AT	DC401B	76.	4.50	11.	3.	3.	0.13		
+	HYDROGRAPH AT	D125S	39.	5.25	6.	1.	1.	0.00		
+	ROUTED TO	125147	39.	5.35	6.	2.	1.	0.00		
+	2 COMBINED AT	C147	76.	4.50	17.	4.	4.	0.13		
+	HYDROGRAPH AT	C401E	53.	4.15	7.	2.	2.	0.05		
+	HYDROGRAPH AT	C401F	19.	4.95	10.	3.	3.	0.11		
+	6 COMBINED AT	C149	1475.	5.05	445.	115.	110.	4.55		
	3 COMBINED AT	C150	2878.	5.50	1011.	259.	250.	11.72		

*** NORMAL END OF HEC-1 ***