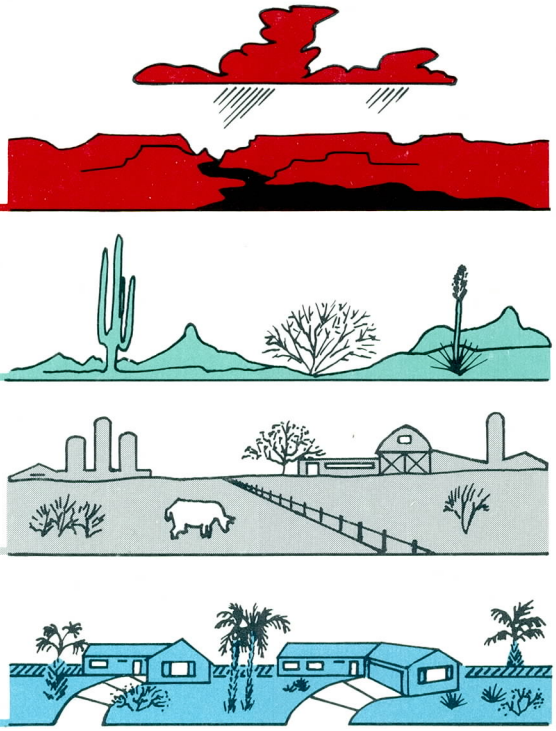

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

Storm Report

October 6, 1993

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

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2801 W. Durango
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Storm Report

October 6, 1993

STORM REPORT
OCTOBER 6TH, 1993

Flood Control District of Maricopa County
2801 W. Durango Street
Phoenix, Arizona 85009
(602) 506-1501

Prepared by:
Stephen D. Waters
Hydrologist / ALERT System Manager
Hydrology Division, Special Projects Branch

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Appendix A : NWS Advisories, Watches, and Warnings

Appendix B: Hourly Precipitation Amounts for All Automatic Stations

Appendix C: County Rain Gauge Map and Sensor Database Sheets

INTRODUCTION

The purpose of this report is to present in a concise manner selected rainfall, runoff, and statistical data from the storm event of October 6th, 1993, which was most intense in the northeast Phoenix and Scottsdale areas. The majority of the data presented was collected by the Flood Control District's (FCD) ALERT system, with contributions from the Phoenix National Weather Service (NWS) Forecast Office.

The goal of this report is to present the data for general information purposes, and as a guide for future prediction of water levels and discharge rates for FCD structures, particularly Dreamy Draw Dam, Cave Buttes Dam, Indian Bend Wash, and the Arizona Canal Diversion Channel (ACDC).

METEOROLOGY

The October 6th storm over central Arizona was caused by the convergence of a strong Pacific low pressure system and it's associated cold front with a significant amount of moisture from the remnants of tropical storm Norma streaming into the State from the southwest. Daytime heating added to the atmospheric instability of these air masses. In the Phoenix area, light rain fell generally from 2:00 am to 5:00 am, then heavy rains fell from around 11:00 am through 3:00 pm.

Listed below are condensed versions of several NWS watches and warnings which were issued prior to and during the storm event of October 6th, 1993. Copies of the actual watches and warnings issued are included in this report as Appendix A.

★ Special Weather Statement
NWS Phoenix
10:15 am MST Tue Oct 5 1993

... increasing chance of showers and thunderstorms today and especially tonight and Wednesday ...

★ Special Weather Statement
NWS Phoenix
2:10 pm MST Tue Oct 5 1993

... very strong thunderstorms in Mohave County...

★ Special Weather Statement

NWS Phoenix

2:35 pm MST Tue Oct 5 1993

... increasing chance of showers and thunderstorms in Arizona through tonight with the best chance late tonight and Wednesday...

★ Special Weather Statement

NWS Phoenix

2:52 pm MST Tue Oct 5 1993

... thunderstorms developing over southwest Maricopa County...

★ Special Weather Statement Correction

NWS Phoenix

4:30 pm MST Tue Oct 5 1993

... a line of thunderstorms over northwest and west central Arizona at 4:00 pm...

★ Special Weather Statement

NWS Phoenix

5:24 pm MST Tue Oct 5 1993

... strong thunderstorms moving toward the City of Buckeye from the SW...

★ Special Weather Statement

NWS Phoenix

8:00 pm MST Tue Oct 5 1993

... showers and thunderstorms continue across parts of AZ Tuesday evening...

★ Special Weather Statement

NWS Phoenix

9:45 pm MST Tue Oct 5 1993

... widely scattered showers and thunderstorms continue across portions of Arizona Tuesday evening...

★ Special Weather Statement

NWS Phoenix

1:45 am MST Wed Oct 6 1993

... numerous thunderstorms in eastern Maricopa County...

★ Special Weather Statement

NWS Phoenix

9:40 am MST Wed Oct 6 1993

... increasing showers and thunderstorms in Arizona today...

★ Special Weather Statement

NWS Phoenix

10:32 am MST Wed Oct 6 1993

... strong thunderstorm headed toward Wintersburg...

★ Special Weather Statement

NWS Phoenix

10:54 am MST Wed Oct 6 1993

... strong thunderstorms in the western Phoenix metro area...

★ Severe Thunderstorm Warning

NWS Phoenix

11:13 am MST Wed Oct 6 1993

... severe thunderstorm warning issued for north central Maricopa County and southwestern Yavapai County effective until 12:15 pm...

★ Urban and Small Stream Flood Advisory

NWS Phoenix

11:51 am MST Wed Oct 6 1993

... USSFA issued for the Phoenix metro area effective until 1:15 pm...

★ Severe Weather Statement

NWS Phoenix

12:16 pm MST Wed Oct 6 1993

... severe thunderstorm warning for north central Maricopa County and southwest Yavapai County expired...

★ Flash Flood Warning

NWS Phoenix

1:17 pm MST Wed Oct 6 1993

... flash flood warning issued for northern Maricopa County until 3:30 pm...

★ Flash Flood Watch

NWS Phoenix

1:40 pm MST Wed Oct 6 1993

... flash flood watch issued for the central basins of Arizona until 9:00 pm...

★ Flash Flood Statement

NWS Phoenix

2:43 pm MST Wed Oct 6 1993

... flash flood warning continues in effect for northern Maricopa County including the Phoenix metro area, flash flood watch continues in effect for the central basins of Arizona including most of Yavapai and Gila Counties until 9:00 pm MST...

★ Flash Flood Warning

NWS Phoenix

3:30 pm MST Wed Oct 6 1993

... flash flood warning issued until 5:00 pm for northwestern Gila County from Lake Roosevelt to Payson, for the eastern half of Maricopa County including parts of the greater Phoenix area, and eastern portions of Yavapai County...

★ Flash Flood Statement

NWS Phoenix

5:00 pm MST Wed Oct 6 1993

... flash flood warning for Maricopa, Gila and Yavapai Counties expired at 5:00 pm...

★ Special Weather Statement

NWS Phoenix

8:30 pm MST Wed Oct 6 1993

... a new weather disturbance approaching Arizona from the northwest will renew shower and thunderstorm activity across most of the state tonight...

★ Flash Flood Statement

NWS Phoenix

9:27 pm MST Wed Oct 6 1993

... flash flood watch for Yavapai and Gila Counties expired at 9:00 pm...

★ Special Weather Statement

NWS Phoenix

10:10 pm MST Wed Oct 6 1993

... scattered showers and thunderstorms continue across parts of central AZ...

★ Flash Flood Warning

NWS Phoenix

10:40 pm MST Wed Oct 6 1993

... flash flood warning in effect until 1:00 am MST for western Gila County, north-central Maricopa County, and southern and eastern Yavapai County...

★ Flash Flood Watch

NWS Phoenix

11:40 pm MST Wed Oct 6 1993

... flash flood watch issued until 3:30 am Thursday for Yavapai, Maricopa, Gila, and Pinal Counties...

RAINFALL

Listed below are selected statistics for the Flood Control District's 138 automatic rain gauges:

1. Number of gauges which failed to operate during the storm: 2
2. Average rainfall duration during the most intense period: 2.9 hrs
3. Number of gauges recording no rainfall: 8
4. Number of gauges recording 0.01 to 0.50 inches of rain: 31
5. Number of gauges recording 0.51 to 1.00 inches of rain: 45
6. Number of gauges recording 1.01 to 2.00 inches of rain: 40
7. Number of gauges recording 2.01 to 3.00 inches of rain: 11
8. Number of gauges recording over 3.00 inches of rain: 3
9. Greatest amount of rain recorded in the County: 3.15 inches at Pima @ Jomax Roads.

• A summary of storm-total rainfall for all automatic rain gauges listed by descending order of amount is presented as Table 1.

• Figure 1 is a storm-total isohyetal map of the County and surrounding areas. Isohyetal lines are drawn from 1 to 3 inches in ½ inch increments.

• Figures 2 - 5 are storm hyetographs for four selected rain gauge sites: 2 in Phoenix, 1 in Scottsdale, and 1 north of Cave Creek.

• Figures 6 - 9 are Intensity/Duration/Frequency plots for the same four gauges. The I/D/F graph is Figure 3.2 of the *Drainage Design Manual for Maricopa County Volume I - Hydrology*, June 1992.

• An hourly storm rainfall summary for all automatic rain gauges is presented as Appendix B.

Flood Control District of Maricopa County
Storm Total Precipitation Report
Period Ending: 10/ 7/93 2400

Gauge Name	Measured Rainfall (in)	ID #
Signal Peak	3.50	6760
Pima @ Jomax	3.19	4670
Dreamy Draw	3.11	4800
Reatta Pass Dam	2.95	4935
Fraesfield Mountain	2.76	5930
IBW @ Sweetwater	2.52	4640
ParadiseValley Park	2.48	4650
Missouri @ 16th St.	2.40	4780
P.V. Country Club	2.20	4790
Cave Cr.@ SpurCross	2.17	4920
Cooks Mesa	2.13	5640
Sunset Point	2.09	5730
Mt. Union	2.09	5380
Humboldt Mtn.	2.01	4940
I-17 and 169	1.93	5790
Cave Creek Landfill	1.93	4915
New River Dam	1.93	5610
IBW Interceptor	1.93	4620
Mt. Lemmon	1.89	1090
Horseshoe Ranch	1.89	5745
Thomas & 16th St.	1.81	4720
Mt. Ord	1.77	5960
McDowell Mtn. Park	1.77	5915
Thunderbird Academy	1.73	4630
Dysart @ Bell Rd.	1.69	5510
Horsethief Basin	1.69	5700
Phoenix Municipal	1.65	4710
Morristown	1.61	5220
Horner Mtn. Ranch	1.57	5760
Carefree Ranch	1.54	4930
Minnehaha	1.50	5335
Circle City	1.50	5475
Seven Springs	1.50	4950
Garfias Mtn. Ranch	1.46	5670

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TABLE 1

Gauge Name	Measured Rainfall (in)	ID #
Arizona Hunt Club	1.46	5775
Lost Dog Wash	1.42	4660
IBW @ Indian Bend	1.42	4610
Vulture Mine	1.38	5260
Crown King	1.34	5715
Thompson Peak	1.30	5945
Queen Ck.@ Rittenhouse	1.26	6710
Upper Skunk Creek	1.26	5580
Perry Park	1.26	4730
Thomas @ 48th St.	1.22	4750
Roeser @ 2nd St.	1.22	4510
New River Landfill	1.18	5630
Towers Mtn.	1.18	5340
Deer Valley Airport	1.18	5550
Hassayampa Landfill	1.14	5210
Castle Hot Springs	1.14	5490
Dewey	1.10	5805
South Mountain Fan	1.10	6560
Adobe Dam	1.06	5535
Sunup Ranch	1.06	5625
Prescott Valley	1.06	5820
South Mountain Park	1.06	6510
Sols Wash	1.02	5275
Florence Junction	1.02	6730
White Tanks 3	1.02	5415
Durango Complex	0.98	4700
South Mountain West	0.98	6550
Columbia Hill	0.98	5685
Sunnycove FRS	0.94	5245
A.C.D.C. & 67th Ave	0.94	5520
Skunk Creek & I-17	0.94	5565
Patton Rd.	0.94	5450
O'Brien	0.94	5320
White Tanks E.P.	0.94	5430
Cave Buttes Dam	0.91	4900
Yarnell Hill	0.91	5290
NewRiver @ Glendale	0.91	5505
Box Canyon	0.91	5305
Alvord Park	0.91	4500
Lake Pleasant	0.87	5650
IBW @ McKellips Rd.	0.87	4600

TABLE 1

Gauge Name	Measured Rainfall (in)	ID #
Asher Hills	0.87	5900
Chrysler P.G.	0.83	5460
EMF @ Arizona Ave.	0.83	6595
Wittmann	0.79	5455
Wilhoit	0.79	5365
Rittenhouse FRS	0.75	6700
Williams Peak	0.71	350
Centennial Railroad	0.71	5100
City of Glendale	0.67	4770
Greenway & 32nd Ave	0.63	4840
McMicken Floodway	0.63	5435
Fitch Park	0.63	4540
Buckeye FRS #1	0.63	5200
Kleinman Park	0.59	4530
Smith Peak	0.59	5190
A.C.D.C. & 43rd Ave	0.59	4820
Queen Creek Rd.	0.59	6610
Pima Wash	0.59	6530
Cave Creek & Cactus	0.59	4830
Hassy Bridge	0.55	5350
Papago Park	0.55	4740
White Tanks 4	0.55	6820
Gladden	0.55	5170
McMicken Dam	0.51	5445
Buckeye FRS #3	0.51	6810
Guadalupe FRS	0.51	6500
EMF @ Queen Creek	0.47	6580
Queen Creek Landfill	0.47	6615
Kings Ranch	0.39	6745
Mesa Tower	0.39	6540
Maryvale Muni Golf	0.39	4760
Powerline FRS	0.35	6680
Buckeye FRS #2	0.35	5205
Harquahala FRS	0.35	5125
Magma FRS	0.35	6715
Vineyard FRS	0.31	6685
Mountain View Park	0.31	4550
Carriage Lane Park	0.31	6520
NW Regional Landfill	0.24	5465
Agua Fria @ Buckeye	0.20	5400
Bender Wash	0.20	6960

File: totl1006.xls

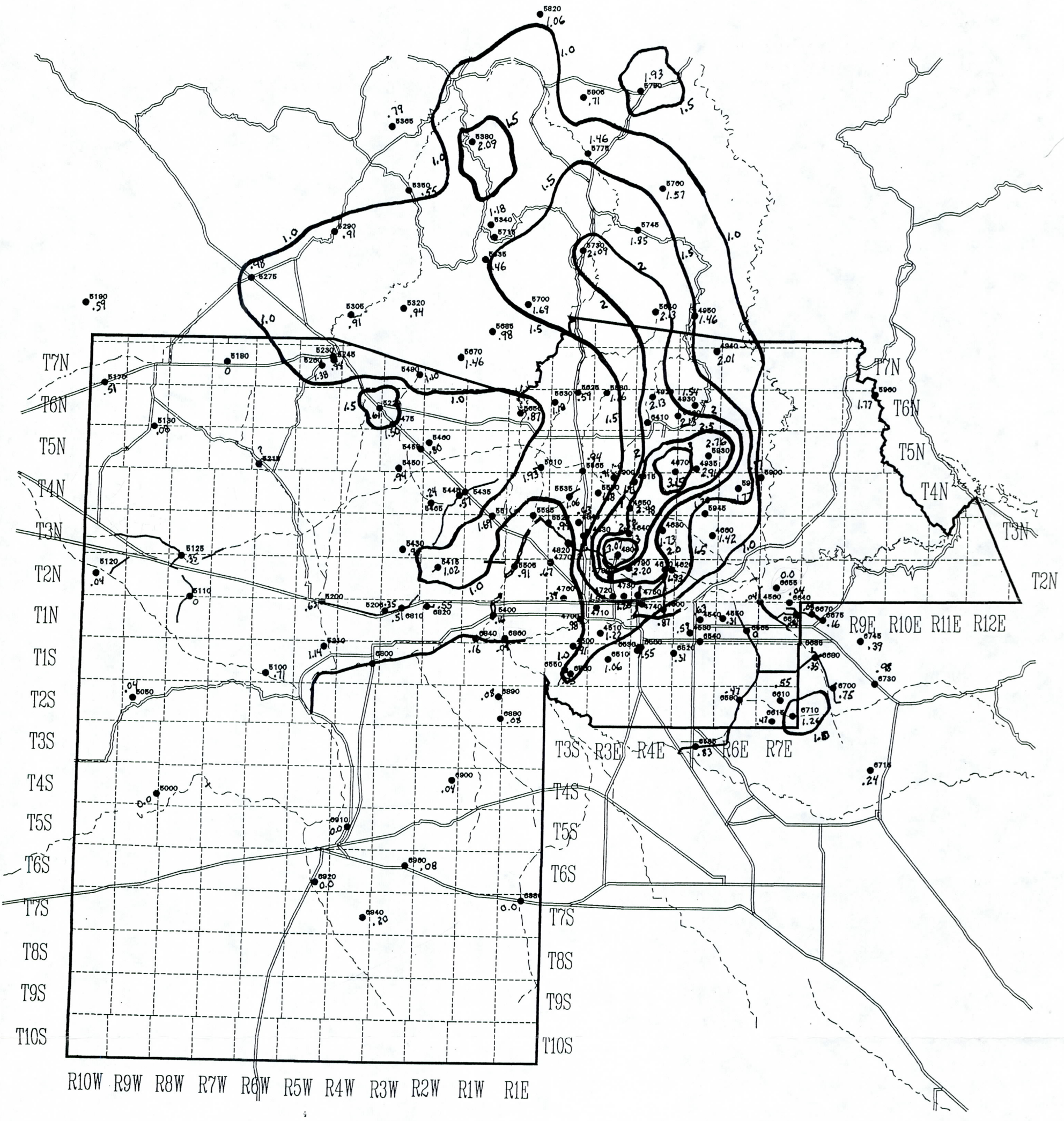
TABLE 1

Gauge Name	Measured Rainfall (in)	ID #
Jackrabbit Wash	0.20	5215
Sand Tanks Wash	0.20	6940
Estrella Park	0.16	6840
Apache Trail	0.16	6675
Sauceda Wash	0.12	6920
Holly Acres	0.08	6860
Sunset FRS	0.08	5230
Estrella Fan	0.08	6890
Apache FRS	0.08	6670
Upper Tiger Wash	0.08	5130
Waterman Wash	0.08	6880
Spookhill FRS	0.04	4560
Upper Waterman	0.04	6900
Usery Mtn. Park	0.04	6640
Signal Butte FRS	0.04	6625
Centennial Levee	0.04	5120
Gila Bend Mountains	0.04	5050
Mt. Oatman	0.00	5000
Vekol Wash	0.00	6980
New River @ Bell	0.00	5595
EMF @ Broadway	0.00	6565
Gila Bend Landfill	0.00	6910
Thunder Mtn.	0.00	6655
Centennial Wash	0.00	5180
Saddleback FRS	0.00	5110

File: totl1006.xls

TABLE 1

Maricopa County
ALERT Precipitation Gauges



Major Roads

F.C.D. Structures

Major Streams and Rivers

Township & Range Boundaries

Rain Gauges

STORM OF OCT. 6, 1993

1.5 STORM TOTAL ISOHYETS

IN ½" INCREMENTS

FIGURE 1

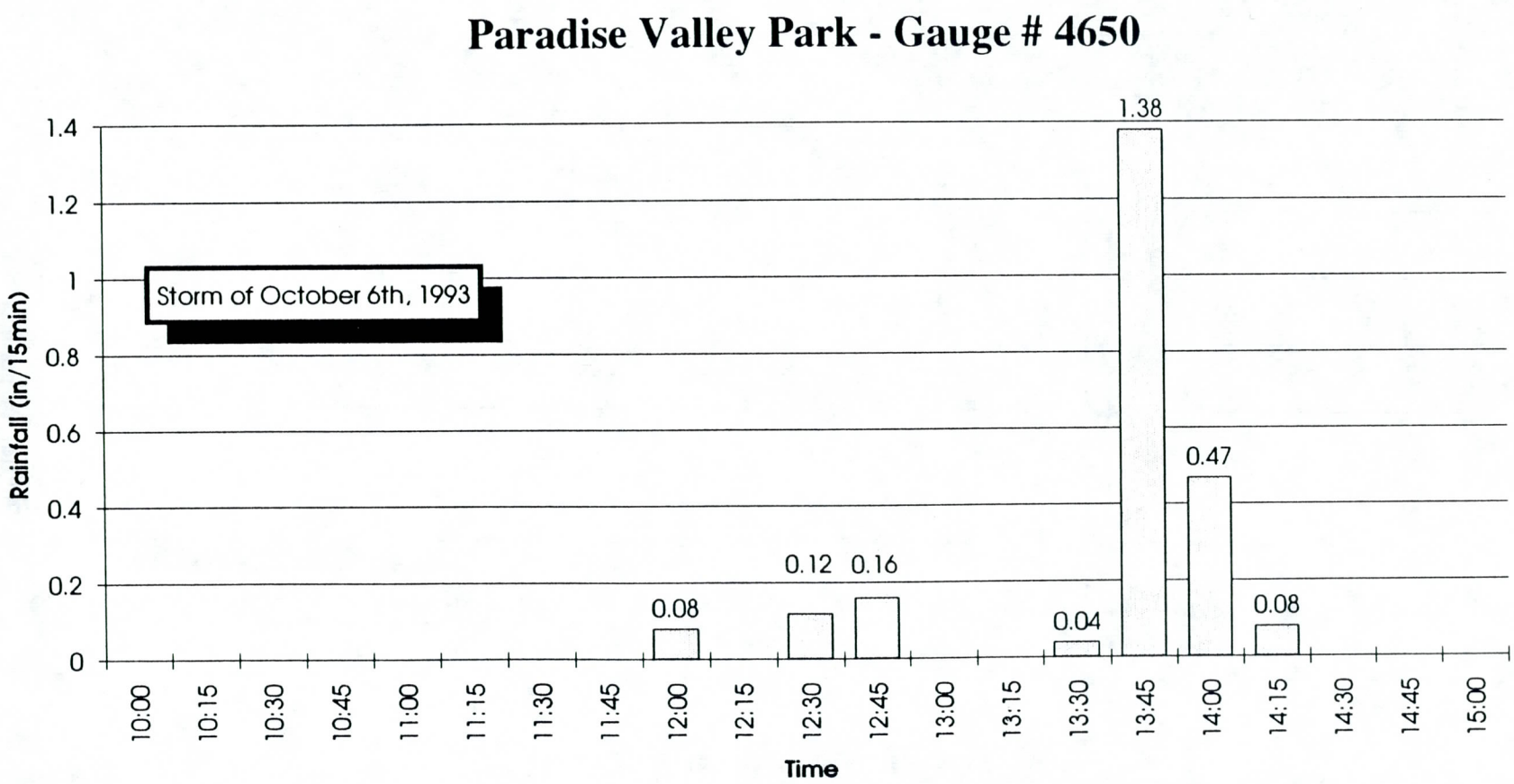

Paradise Valley Park - Gauge # 4650
Storm of October 6th, 1993
Rainfall (in/15min)
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0.08
0.12
0.16
0.04
1.38
0.47
0.08
10:00
10:15
10:30
10:45
11:00
11:15
11:30
11:45
12:00
12:15
12:30
12:45
13:00
13:15
13:30
13:45
14:00
14:15
14:30
14:45
15:00
Time

FIGURE 2

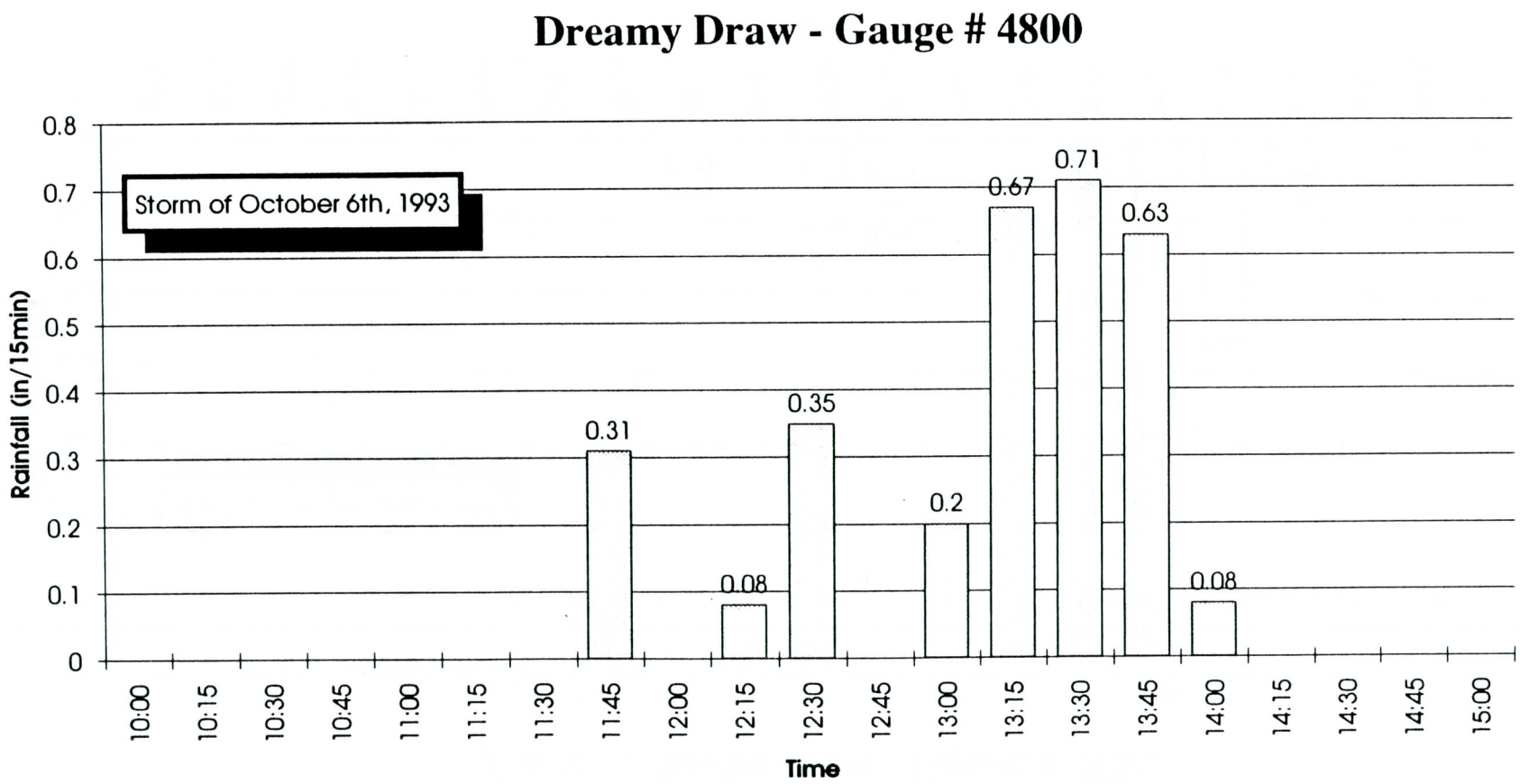

Dreamy Draw - Gauge # 4800
Storm of October 6th, 1993
Rainfall (in/15min)
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0.31
0.08
0.35
0.2
0.67
0.71
0.63
0.08
10:00
10:15
10:30
10:45
11:00
11:15
11:30
11:45
12:00
12:15
12:30
12:45
13:00
13:15
13:30
13:45
14:00
14:15
14:30
14:45
15:00
Time

FIGURE 3

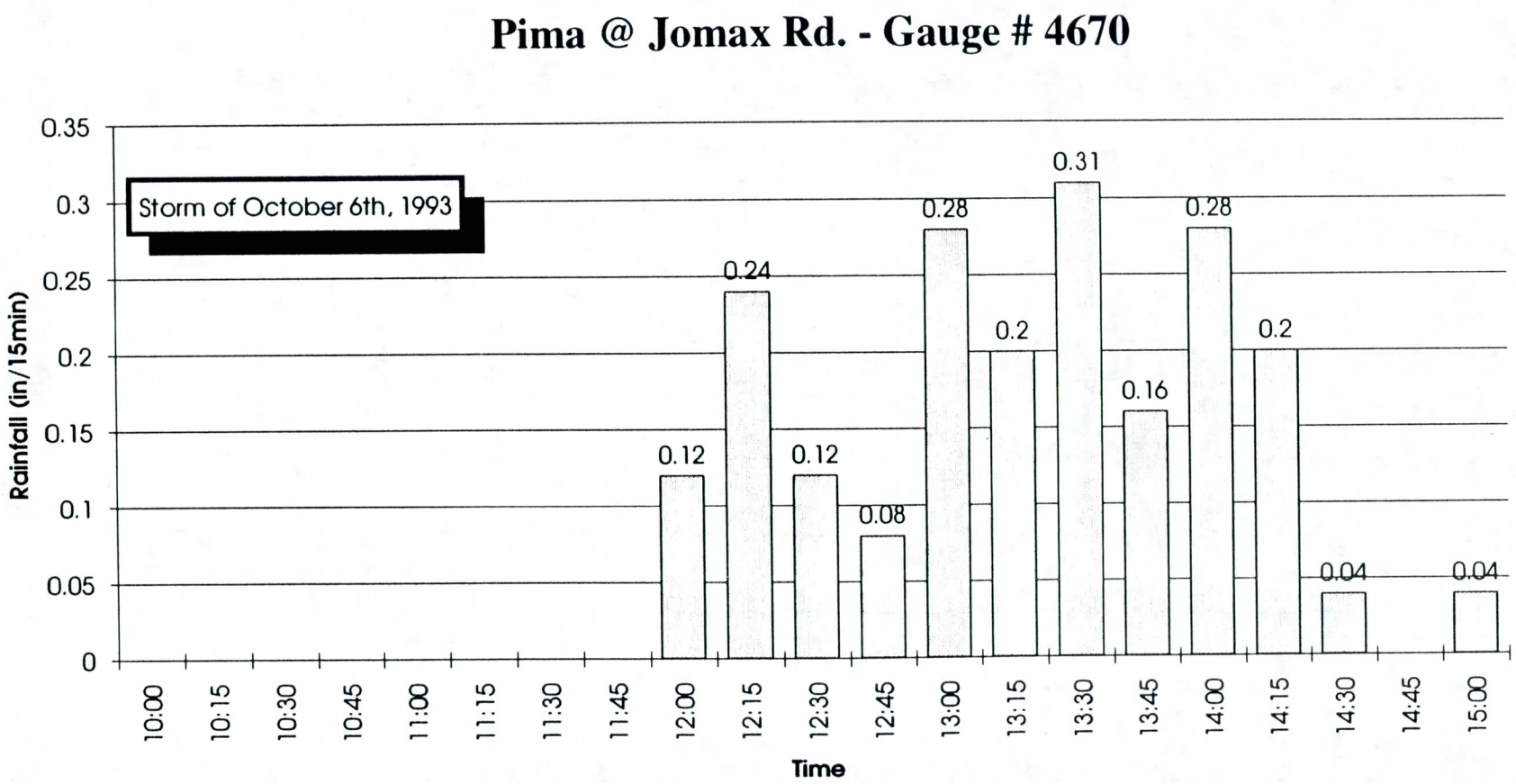

Pima @ Jomax Rd. - Gauge # 4670
Storm of October 6th, 1993
Rainfall (in/15min)
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
0.12
0.24
0.12
0.08
0.28
0.2
0.31
0.16
0.28
0.2
0.04
0.04
10:00
10:15
10:30
10:45
11:00
11:15
11:30
11:45
12:00
12:15
12:30
12:45
13:00
13:15
13:30
13:45
14:00
14:15
14:30
14:45
15:00
Time

FIGURE 4

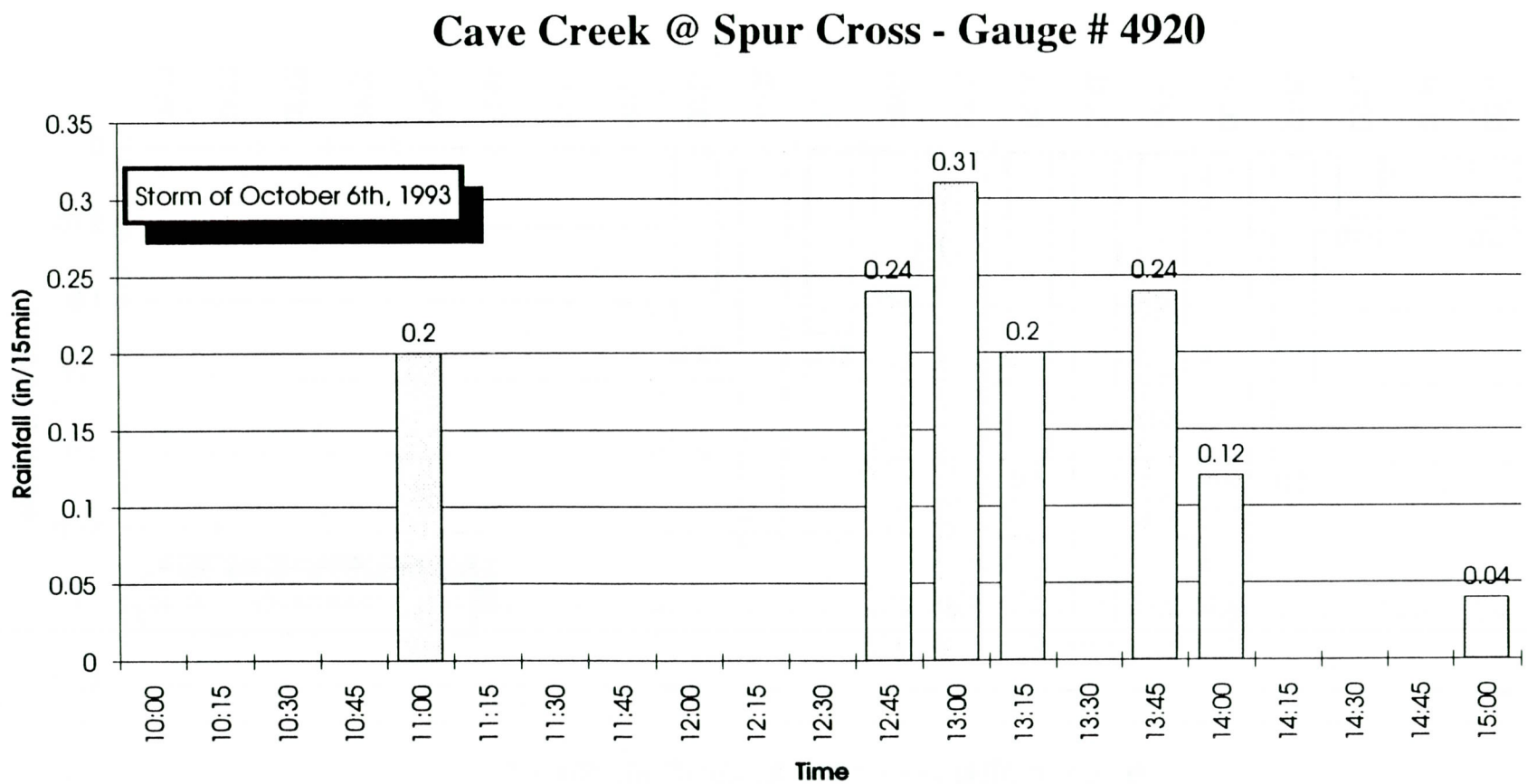

Cave Creek @ Spur Cross - Gauge # 4920
Storm of October 6th, 1993
Rainfall (in/15min)
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
0.2
0.24
0.31
0.2
0.24
0.12
0.04
10:00
10:15
10:30
10:45
11:00
11:15
11:30
11:45
12:00
12:15
12:30
12:45
13:00
13:15
13:30
13:45
14:00
14:15
14:30
14:45
15:00
Time

FIGURE 5

Application

PARADISE VALLEY PARK
GAUGE No. 4650
OCT. 6, 1993
2.32 inches in 2.5 hrs

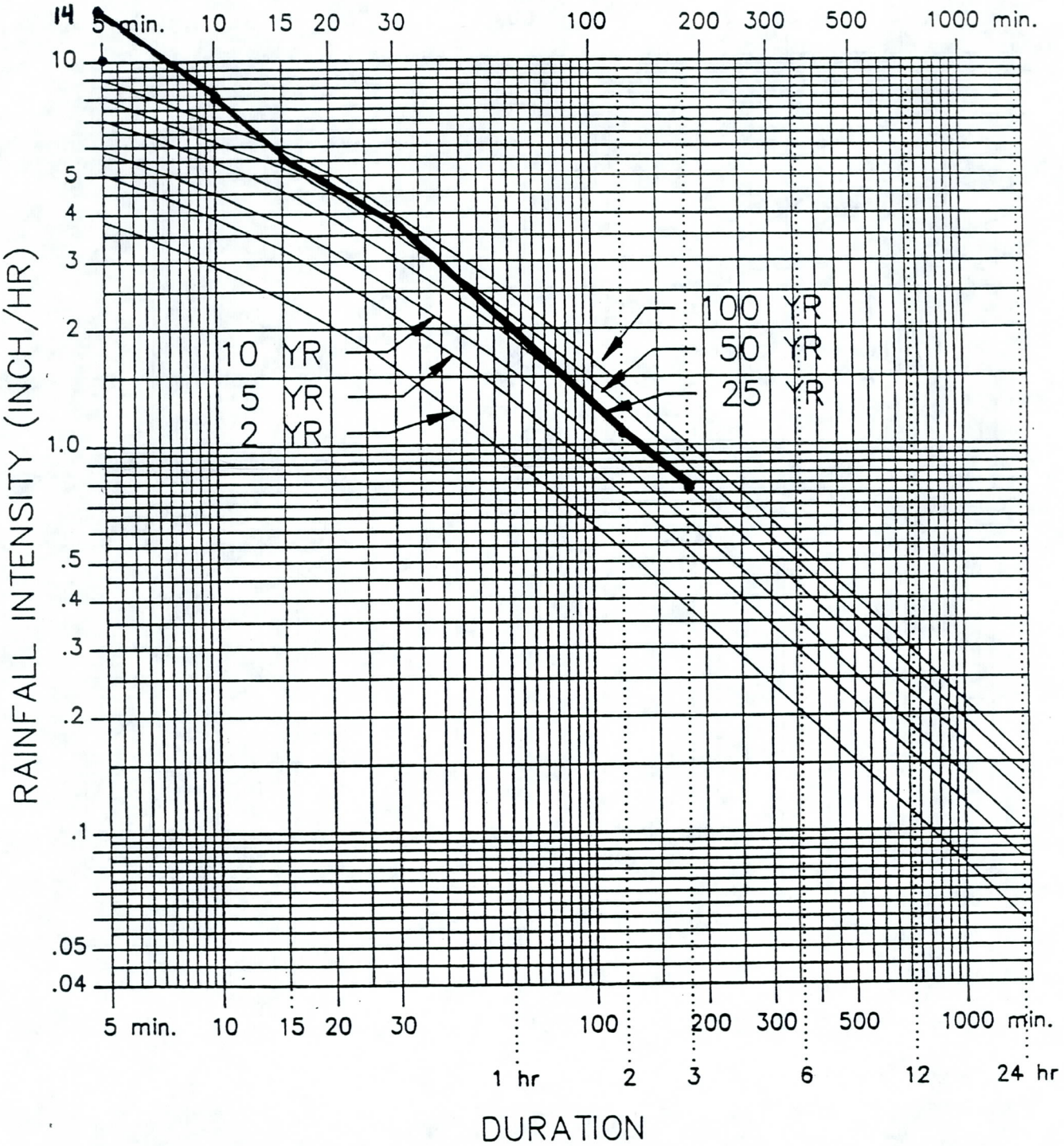


FIGURE 6

Rainfall Intensity-Duration-Frequency Relation
(Phoenix Metro Area)

Application

DREAMY DRAW DAM
GAUGE No. 4800
OCT. 6, 1993
3.03 inches in 2.5 hrs

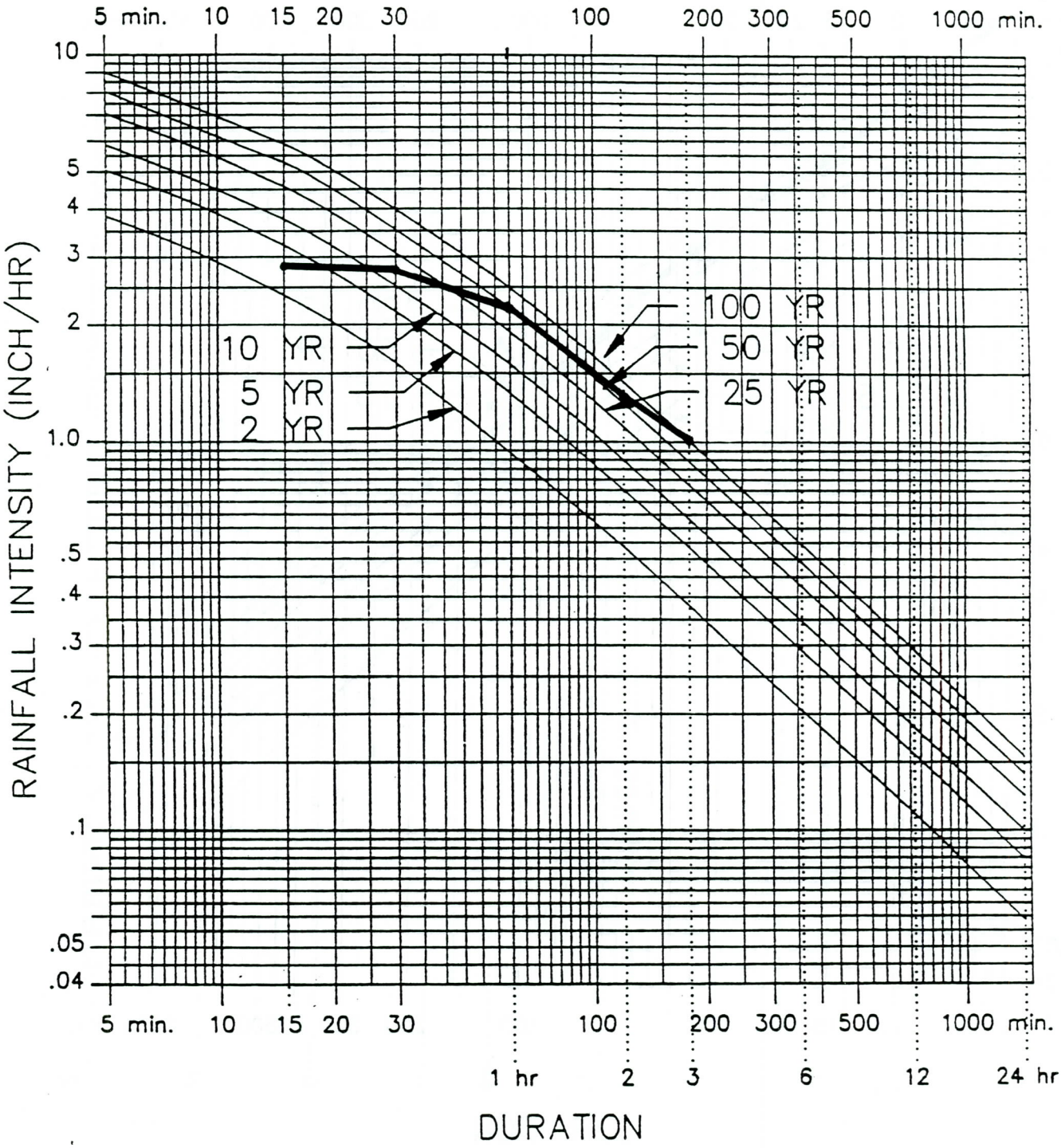


FIGURE 7

Rainfall Intensity-Duration-Frequency Relation
(Phoenix Metro Area)

Application

PIMA @ JOMAX Rd.
GAUGE No. 4670
OCT. 6, 1993
2.05 inches in 2.75 hrs

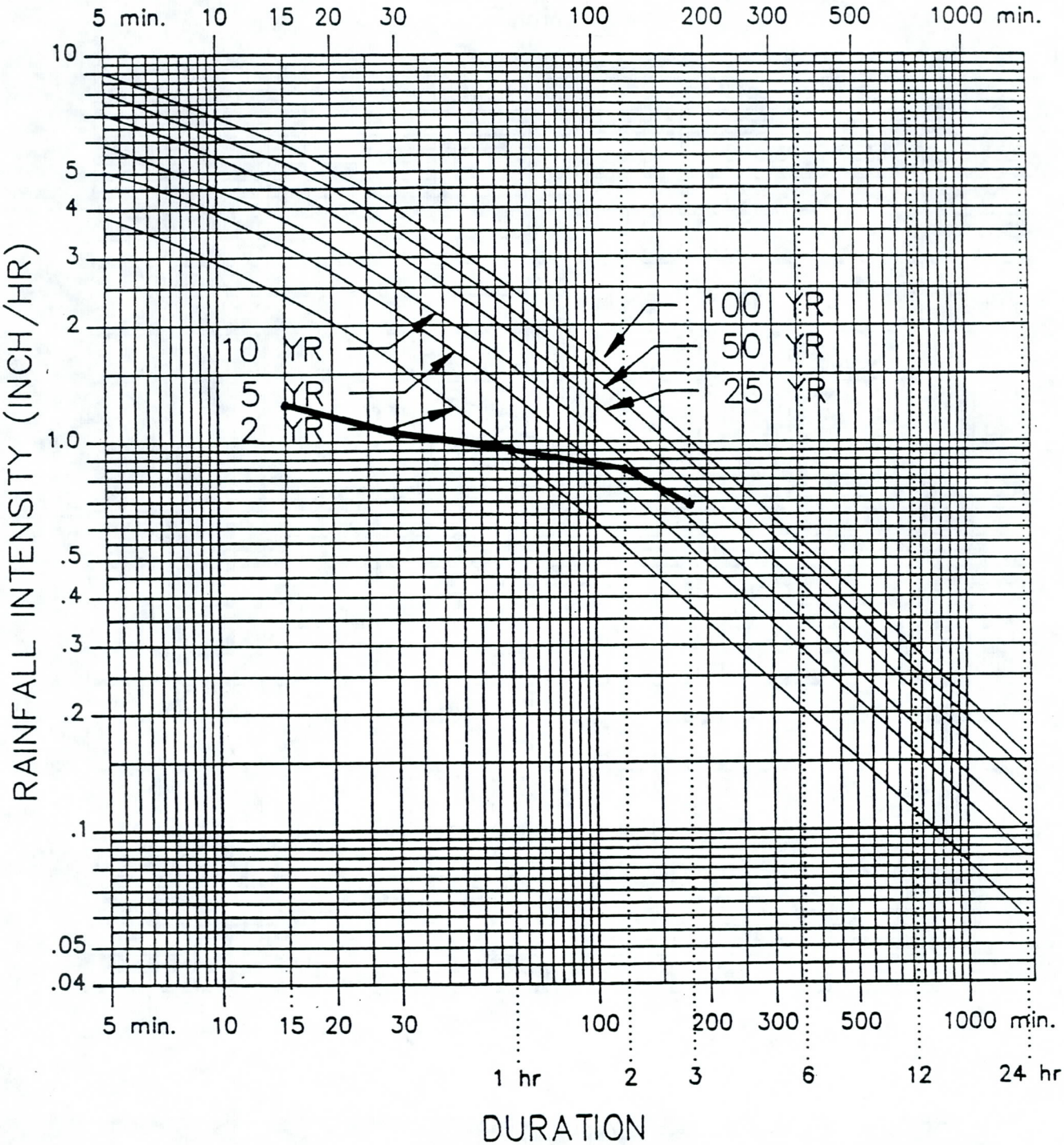


FIGURE 8

Rainfall Intensity-Duration-Frequency Relation
(Phoenix Metro Area)

Application

CAVE CREEK @ SPUR CROSS
GAUGE No. 4920
OCT. 6, 1993
1.34 inches in 3.25 hrs

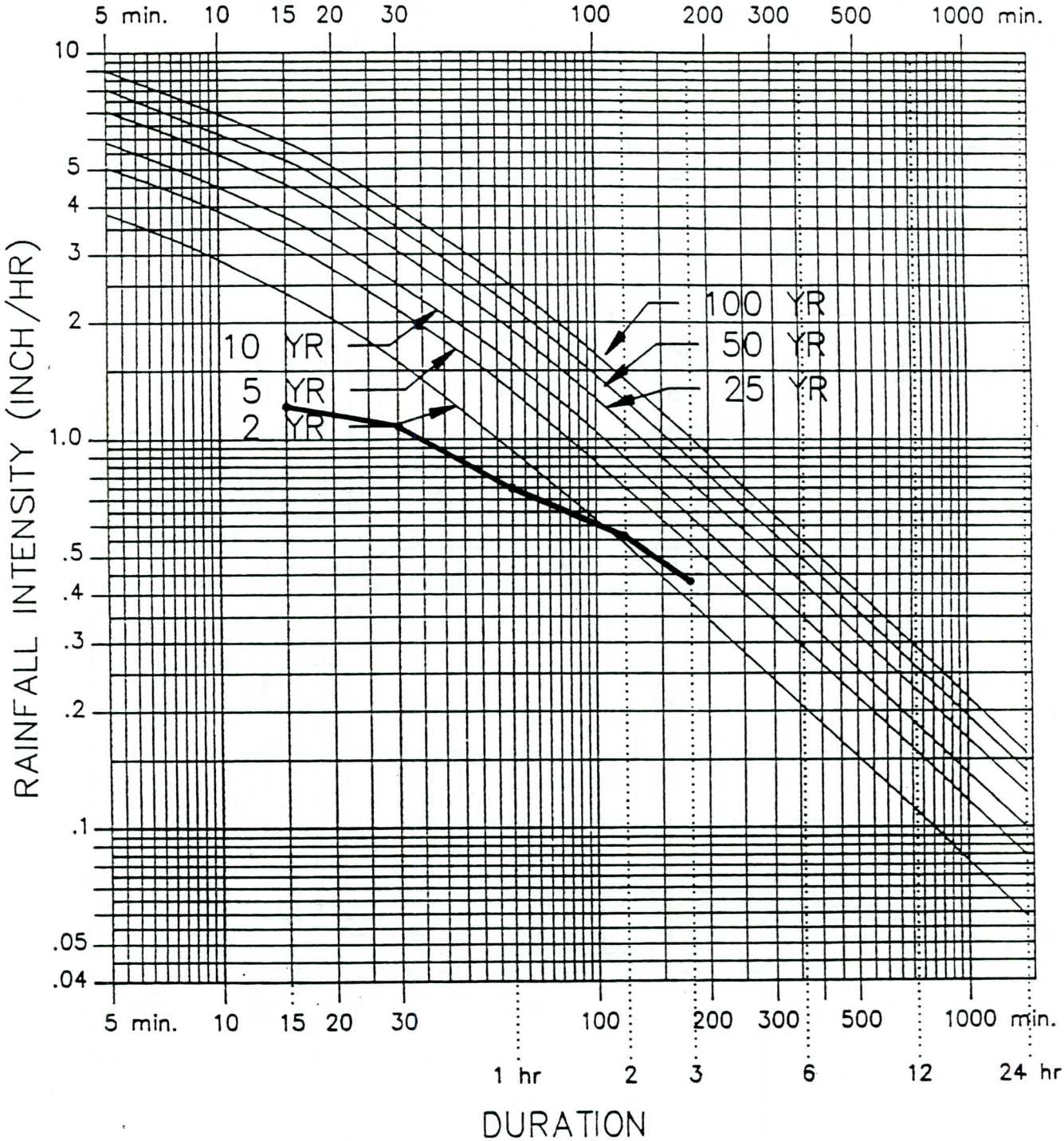


FIGURE 9

Rainfall Intensity-Duration-Frequency Relation
(Phoenix Metro Area)

RUNOFF

The FCD ALERT system recorded storm runoff at 19 of it's 52 water level stations, 6 of which were dams and 13 were channels or rivers. Eleven of the nineteen gauges which measured flow reached alarm levels established in the ALERT software. Graphical runoff data are included in this report as Figures 10 - 13. Figure 10 shows hydrographs along Indian Bend Wash at Sweetwater Avenue, Indian Bend Road, and McKellips. The Indian Bend Road hydrograph was estimated using high-water marks surveyed in the field, the McKellips hydrograph, and previous hydrographs. Figure 11 presents hydrographs along Cave Creek and the ACDC. Figure 12 shows the impoundment hydrograph and rainfall at Dreamy Draw Dam, and Figure 13 shows the impoundment hydrograph at Cave Buttes Dam.

The only measured runoff of consequence in terms of return frequency occurred along Indian Bend Wash, where a peak discharge of 7,600 cfs was estimated at the Indian Bend Road crossing. According to the most recent Flood Insurance Study for Indian Bend Wash, this flow represents approximately a 25-year recurrence interval runoff event (see Figure 14).

There were no reports of water overtopping any FCD structures or channels, and no reports of structural damage to any of our facilities.

Flood Control District of Maricopa County
ALERT Water-Level Gauges
Storm of October 6th, 1993
Sorted by Time of Peak Stage

Gauge Name	ID #	Maximum Gauge Height (ft)	Peak Discharge (cfs)	Date/ Time	Notes
Buckeye FRS #3	6813	0.60	4	10/6/93 12:00	Below Alarm Criteria
Sunset FRS	5233	6.6	22	10/6/93 12:21	Gates partially opened
Sunnycove FRS	5248	11.6	28	10/6/93 13:20	Gates partially opened
IBW @ Sweetwater	4639	3.10	493	10/6/93 13:39	Alarm Exceeded
New River @ Glendale	5508	2.7	1,800	10/6/93 14:00	Indirect measurement by USGS
Dreamy Draw	4803	19.20	159	10/6/93 14:06	Alarm Exceeded
ACDC @ 43rd Ave.	4823	3.90	1,942	10/6/93 14:58	Alarm Exceeded
IBW @ Indian Bend Rd.	4613	5.40	7,600	10/6/93 16:42	Estimated from high water marks
ACDC @ 67th Ave.	5523	5.40	1,542	10/6/93 16:44	Alarm Exceeded
Cave Creek @ Cactus	4833	8.90	228	10/6/93 16:47	Below Alarm Criteria
IBW @ McKellips Rd.	4603	6.20	4,784	10/6/93 18:12	Alarm Exceeded
Rittenhouse FRS	6703	6.7	84	10/6/93 21:18	Alarm Exceeded
Magma FRS	6718	2.20	No Rating	10/7/93 0:00	No Alarm Setting
Agua Fria @ Buckeye	5403	0.90	520	10/7/93 0:51	Below Alarm Criteria
Cave Cr.@ Spur Cross	4923	4.40	201	10/7/93 5:31	Below Alarm Criteria
Cave Buttes Outlet	4903	3.70	158	10/7/93 6:05	Below Alarm Criteria
New River Outlet	5613	3.1	60	10/7/93 11:09	Below Alarm Criteria
Cave Buttes Pool	4899	16.30	174	10/7/93 12:52	Alarm Exceeded
Gila @ Estrella Pkwy.	6853	6.00	29	10/7/93 18:02	Below Alarm Criteria
Adobe Dam Outlet	5538				No Flow
Adobe Dam Pool	5539				No Impoundment
Apache FRS	6673				No Impoundment
Box Canyon	5308				No Flow
Buckeye FRS #1	5203				No Impoundment
Buckeye FRS #2	5208				No Impoundment
Carefree Ranch	4934				No Flow
Centennial Railroad	5103				No Flow

File STAGEDAT.XLS

TABLE 2

Gauge Name	ID #	Maximum Gauge Height (ft)	Peak Discharge (cfs)	Date/ Time	Notes
EMF @ Arizona Ave.	6594				No Flow
EMF @ Broadway	6568				No Flow
EMF @ Queencreek Rd.	6583				No Flow
Estrella Fan	6893				No Flow
Guadalupe FRS	6503				No Impoundment
Harquahala FRS	5128				No Impoundment
Hassy Bridge	5353				No Flow
IBW @ Interceptor	4619				Construction - no sensor
McMicken Dam	5448				No Impoundment
McMicken Floodway	5438				No Flow
New River Pool	5614				No Impoundment
Pima Wash	6533				No Flow
Powerline FRS	6683				No Impoundment
Queen Ck @ Rittenhous	6713				No Flow
Reata Pass Dam	4938				Sensor not installed
Saddleback FRS	5113				No Impoundment
Sauceda Wash	6923				No Flow
Signal Buttes FRS	6628				No Impoundment
Skunk Creek @ I-17	5568				No Flow
South Mountain Fan	6563				No Flow
Spookhill FRS	4563				No Impoundment
Vekol Wash	6983				No Flow
Vineyard FRS	6688				No Impoundment
White Tanks 3	5418				No Impoundment
White Tanks 4	6823				No Impoundment

File STAGEDAT.XLS

TABLE 2

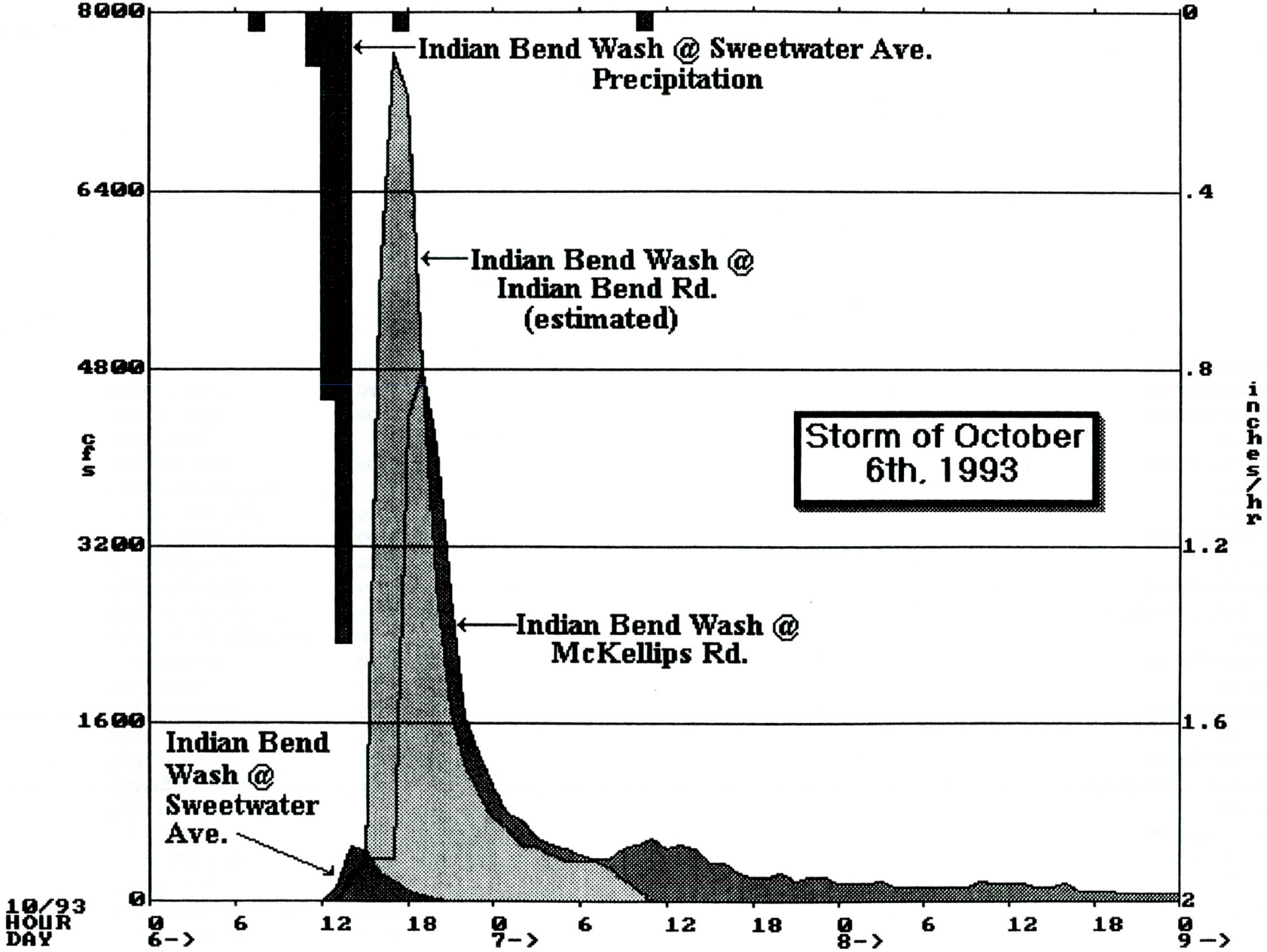

8000
6400
4800
3200
1600
0
cfs
0
.4
.8
1.2
1.6
2
inches/hr
Indian Bend Wash @ Sweetwater Ave.
Precipitation
Indian Bend Wash @
Indian Bend Rd.
(estimated)
Storm of October
6th, 1993
Indian Bend Wash @
McKellips Rd.
Indian Bend
Wash @
Sweetwater
Ave.
10/93
HOUR
DAY
0
6->
6
12
18
0
7->
6
12
18
0
8->
6
12
18
0
9 ->

FIGURE 10

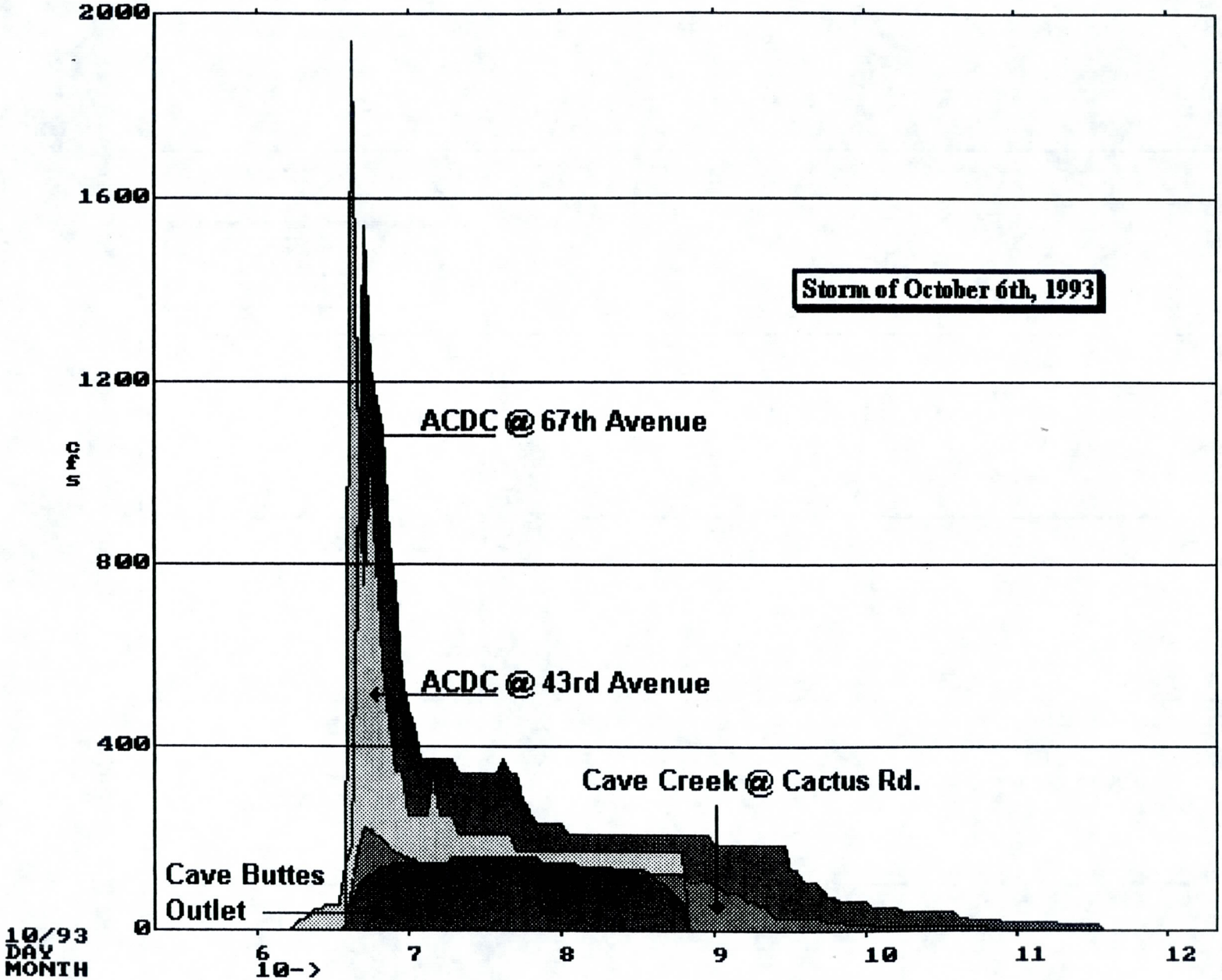

Storm of October 6th, 1993
ACDC @ 67th Avenue
ACDC @ 43rd Avenue
Cave Creek @ Cactus Rd.
Cave Buttes
Outlet
cfs
2000
1600
1200
800
400
0
10/93
DAY
MONTH
6
10->
7
8
9
10
11
12

FIGURE 11

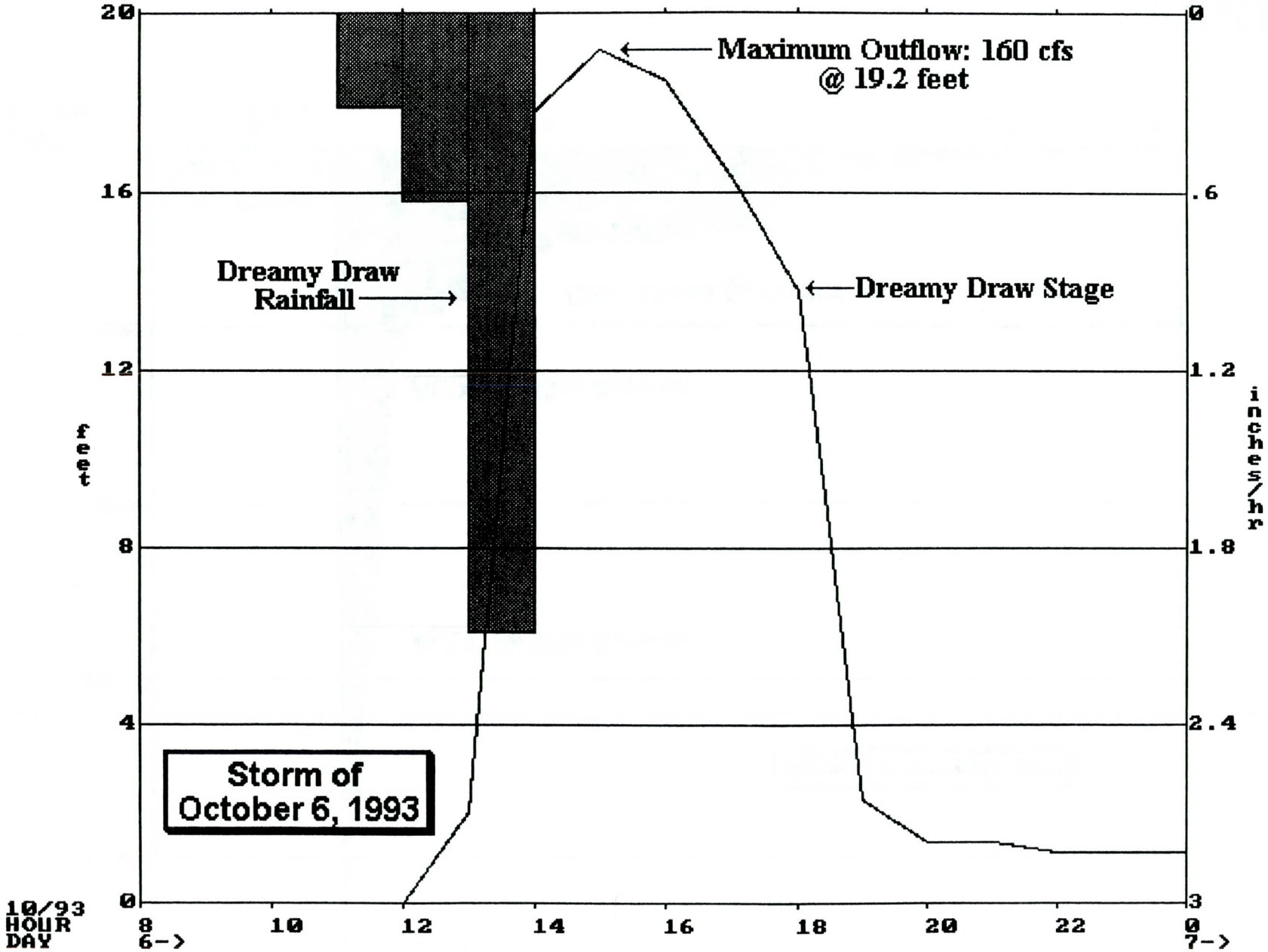
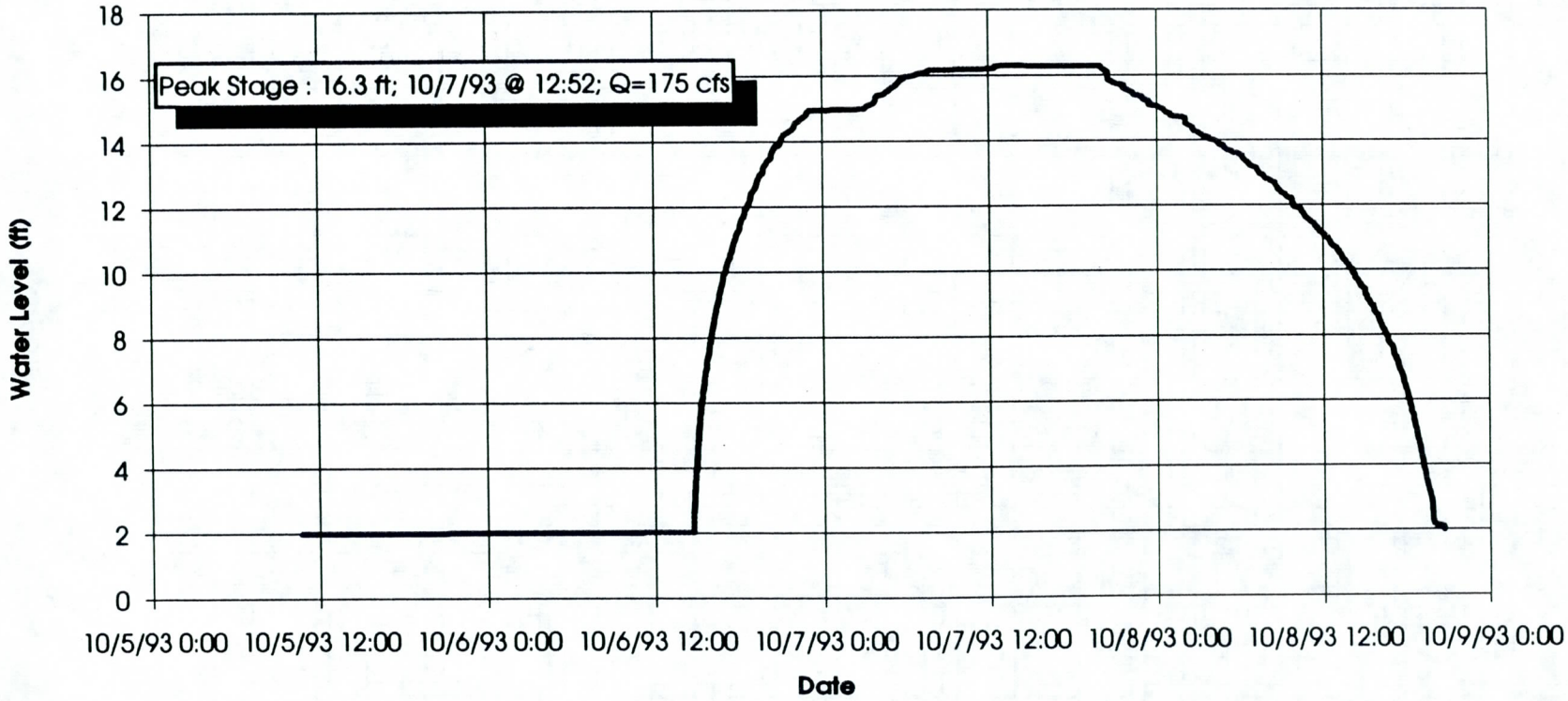

Maximum Outflow: 160 cfs
@ 19.2 feet
Dreamy Draw
Rainfall
Dreamy Draw Stage
Storm of
October 6, 1993
feet
inches/hr
20
16
12
8
4
0
.6
1.2
1.8
2.4
3
10/93
HOUR
DAY
8
6->
10
12
14
16
18
20
22
0
7->

FIGURE 12

Cave Buttes Dam Pool Storage



File: 48991006.xls

FIGURE 13

9–179b
Extreme log data plot
April 1955

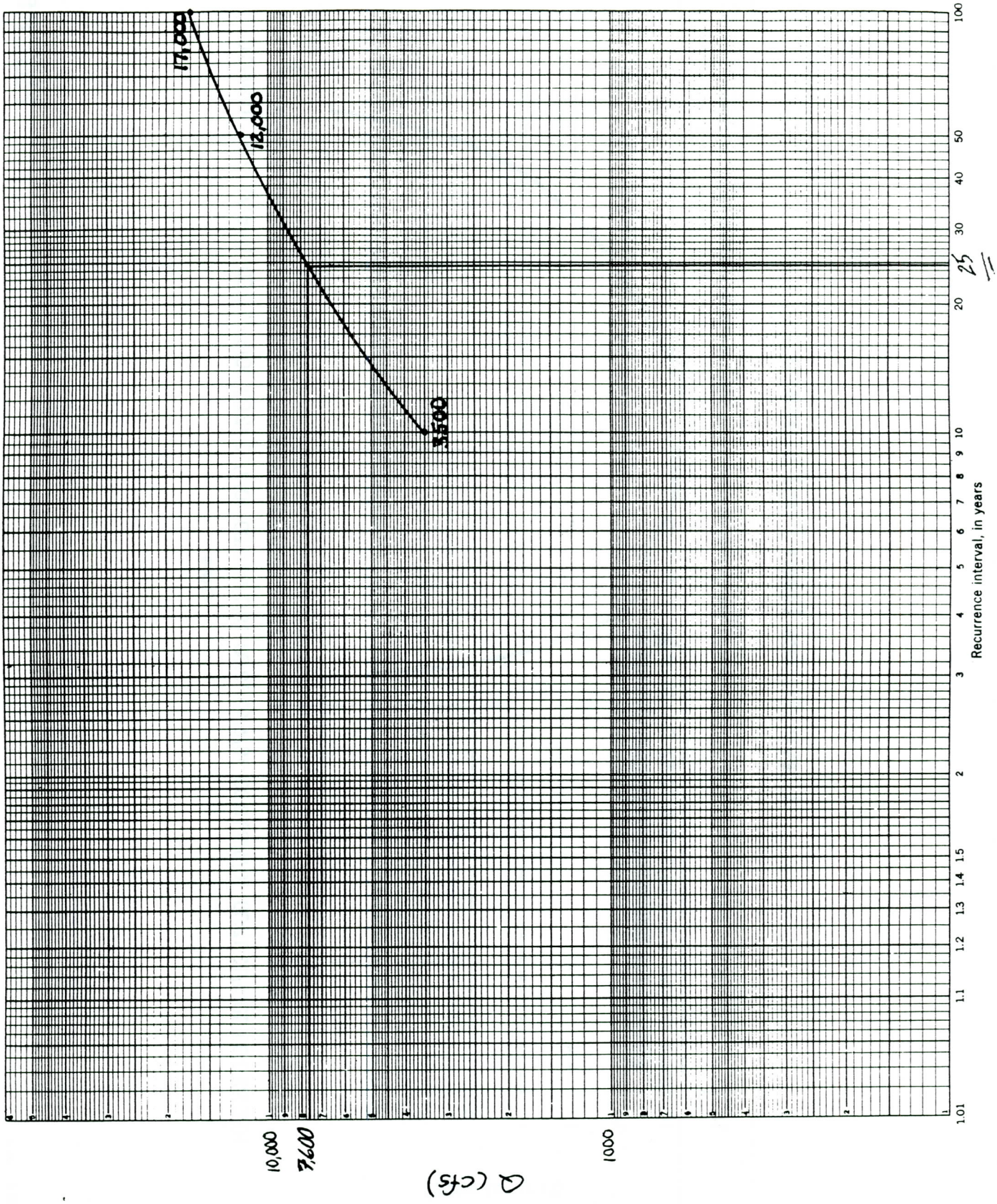
UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES DIVISION

File

FIGURE 14

Magnitude and frequency of Indian Bend Wash @ Indian Bend on

Drainage area 59.6 sq. mi. Period OCT 6, 1993



Sheet No. ____ of ____ Sheets. Prepared by _____ Date _____ Checked by _____ Date

GPO 863751

Data points from "FLOOD INSURANCE STUDY, Maricopa County Az and Incorporated Areas. Volume 1 of 3" Nov. 30, 1988. FEMA. p 31.

ALERT SYSTEM PERFORMANCE

The overall performance of the ALERT system during this storm event was excellent. All but two of the 138 automatic rain gauges returned accurate data, although because of the very high rainfall intensities at times, more incremental data was lost than is usually the case. The technical staff is currently working on new repeater configurations and programming which may improve this situation.

Only one water level gauge which received runoff failed to operate, unfortunately, it was a critical one: Indian Bend Wash at Indian Bend Road. Flows at this site were later estimated using previous hydrographs, high-water marks, and the McKellips hydrograph. One other stage sensor, New River at Glendale Avenue, operated throughout the storm but accurate data was impossible to compute because of recent construction activities in the channel.

A record of ALERT alarms is presented in Table 3. A total of 24 precipitation and water level alarms were sounded and acknowledged by operators. The Construction and Operations Division was notified by Hydrology to monitor three structures: Sunset and Sunnycove dams in Wickenburg and Dreamy Draw dam in Phoenix (see Table 4). Cave Buttes dam stopped rising at 16 feet so no notification was made. No structures reached the notification elevation for the County's Department of Emergency Services.

Flood Control District of Maricopa County ALERT System

Historical alarm log: Storm of October 6, 1993

All alarm ports

TYPE and cause	ID/Tag	Name	Date	Time
DEV upper limit met	6703	Rittenhouse FRS	10/06/93	19:51:08
DEV upper limit met	5508	NewRiver @ Glen	10/06/93	19:30:52
DEV upper limit met	4603	IBW @ McKellips	10/06/93	17:03:39
DEV upper limit met	4899	Cave Buttes Poo	10/06/93	17:02:59
DEV upper limit met	5523	A.C.D.C. & 67th	10/06/93	15:57:34
DEV upper limit met	4639	IBW @ Sweetwate	10/06/93	14:44:23
DEV upper limit met	4823	A.C.D.C. & 43rd	10/06/93	14:28:26
DEV upper limit met	5508	NewRiver @ Glen	10/06/93	14:03:16
DEV rainfall rate high	4650	ParadiseValley	10/06/93	13:35:26
DEV rainfall rate high	4710	Phoenix Municip	10/06/93	13:35:18
DEV rainfall rate high	4780	Missouri @ 16th	10/06/93	13:20:11
DEV upper limit met	4803	Dreamy Draw Dam	10/06/93	13:06:21
DEV rainfall rate high	4800	Dreamy Draw	10/06/93	13:06:15
DEV rainfall rate high	4915	Cave Creek Land	10/06/93	12:41:33
DEV upper limit met	4639	IBW @ Sweetwate	10/06/93	12:38:18
DEV rainfall rate high	4640	IBW @ Sweetwate	10/06/93	12:29:32
DEV rainfall rate high	5610	New River Dam	10/06/93	12:27:56
DEV upper limit met	5248	Sunnycove FRS	10/06/93	12:15:49
DEV rainfall rate high	5630	New River Landf	10/06/93	12:15:33
DEV upper limit met	5233	Sunset FRS	10/06/93	11:51:29
DEV rainfall rate high	5415	White Tanks 3	10/06/93	11:43:04
DEV rainfall rate high	5245	Sunnycove FRS	10/06/93	11:41:27
DEV rainfall rate high	5260	Vulture Mine	10/06/93	11:34:00
DEV rainfall rate high	5210	Hassayampa Land	10/06/93	10:46:45
DEV rising rate high	4694	Durango Complex	10/05/93	16:59:41
DEV rising rate high	4694	Durango Complex	10/05/93	16:14:42

EMERGENCY NOTIFICATION ELEVATIONS
(TO BE USED BY DISTRICT STAFF TO NOTIFY CIVIL DEFENSE)

Civil Defense/Emergency Services 24 hr phone # 273-1411

Depths of impoundment and operation of the emergency spillway were measured from the invert of the principal outlet.

Please keep in mind, that C&O field observers should more than likely be notified and sent out to check on the structure impoundments prior to reaching the notification elevations.

STRUCTURE	IMPOUNDMENT NOTIFICATION DEPTH CIVIL DEFENSE	C & O NOTIFICATION	SPILLWAY OPERATION DEPTH
SUNSET	10 FT.	4 FT. & RISING	20 FT.
SUNNYCOVE	19 FT.	6 FT. & RISING	37 FT.
MCMICKEN	13 FT.	6 FT. & RISING	19 FT.
NEW RIVER	45 FT.	15 FT. "	67 FT.
ADOBE	26 FT.	10 FT. "	40 FT.
CAVE BUTTES	65 FT.	15 FT. "	97 FT.
DREAMY DRAW	17 FT.	8 FT. "	35 FT.
GUADALUPE	10 FT.	5 FT. "	15 FT.
SPOOKHILL	11 FT.	6 FT. "	16 FT.
SIGNAL BUTTES	8 FT.	4 FT. "	11 FT.
APACHE JUNCTION	11 FT.	6 FT. "	16 FT.
WHITE TANKS #3	13 FT.	7 FT. "	20 FT.
WHITE TANKS #4	9 FT.	5 FT. "	13 FT.
RITTENHOUSE	13 FT.	7 FT. "	19.4 FT.
SADDLEBACK	8 FT.	5 FT. "	N/A
VINEYARD	8 FT.	5 FT. "	11.8 FT.
BUCKEYE #1	13 FT.	7 FT. "	19.8 FT.

TABLE 4

SUMMARY

This report presented rainfall, runoff, and statistical data from the Flood Control District's ALERT data collection system for the storm of October 6th, 1993. This particular storm was caused by a fast-moving Pacific cold front colliding over central Arizona with moisture from Tropical Storm Norma. Fourteen of the District's 138 rain gauges measured more than 2.00 inches of rain over an average duration of approximately three hours. Significant runoff events were recorded along Indian Bend Wash, Cave Creek, the Arizona Canal Diversion Channel, and at Dreamy Draw dam. The ALERT system performance was exemplary, allowing operators to make required safety notifications in a timely manner and according to District policy.

Appendix A

NWS Advisories, Statements, Watches, and Warnings

PHXSPSPHX
TTAA00 KPHX 051721
AZZALL-052100-

SPECIAL WEATHER STATEMENT
NATIONAL WEATHER SERVICE PHOENIX AZ
1015 AM MST TUE OCT 5 1993

...INCREASING CHANCE OF SHOWERS AND THUNDERSTORMS TODAY AND ESPECIALLY TONIGHT AND WEDNESDAY...

NATIONAL WEATHER SERVICE RADAR IN PHOENIX WAS SHOWING AN AREA OF LIGHT SHOWERS AND ISOLATED THUNDERSTORMS IN WESTCENTRAL ARIZONA BETWEEN GILA BEND...LAKE HAVASU CITY AND PRESCOTT AT MID MORNING. MOISTURE FROM MEXICO CONTINUES MOVING INTO ARIZONA TODAY ON WINDS ALOFT FROM THE SOUTH. THIS MOISTURE IN COMBINATION WITH AN INCREASINGLY UNSTABLE AIRMASS DUE TO DAYTIME HEATING MEANS AN INCREASING CHANCE OF SHOWERS AND THUNDERSTORMS IN ARIZONA TODAY AND ESPECIALLY TONIGHT INTO WEDNESDAY.

MOST OF THE SHOWERS AND THUNDERSTORMS IN ARIZONA ARE ANTICIPATED LATE TONIGHT AND WEDNESDAY AS A SIGNIFICANT PACIFIC LOW PRESSURE SYSTEM APPROACHES THE STATE. THIS IS THE BEST CHANCE OF SHOWERS AND THUNDERSTORMS FOR MOST OF ARIZONA IN MANY WEEKS. SOME HEAVY RAIN...HAIL ...AND STRONG GUSTY POSSIBLY DAMAGING WINDS ARE ANTICIPATED WITH THE THUNDERSTORMS.

OTHERWISE...GENERALLY BREEZY CONDITIONS ARE EXPECTED TODAY AND WEDNESDAY ALONG WITH SIGNIFICANTLY COOLER WEATHER WEDNESDAY. STRONG GUSTY WINDS ARE EXPECETED IN NORTHWEST ARIZONA THIS AFTERNOON AS THE LOW PRESSURE SYSTEM APPROACHES.

TODAY COULD VERY WELL BE THE LAST OF 100 DEGREE WEATHER IN ARIZONA THIS YEAR.

CLEARING SKIES AND DRIER AIR ARE EXPECTED TO SPREAD INTO WESTERN ARIZONA WEDNESDAY AND ACROSS MOST OF ARIZONA WEDNESDAY NIGHT AS THE LOW PRESSURE SYSTEM MOVES EAST OF THE STATE.

KEEP AN EYE TO THE SKY AND BE ALERT FOR THREATENING WEATHER ESPECIALLY TONIGHT AND WEDNESDAY. TAKE APPROPRIATE ACTION AS NECESSARY. ALSO DRIVE WITH EXTRA CAUTION AND BE ALERT FOR SLICK ROADS AND FLOODED ROAD DIPS.

CRAIG ELLIS

PHXSPSPHX
TTAA00 KPHX 052112
AZZ001-002-052315-

SPECIAL WEATHER STATEMENT
NATIONAL WEATHER SERVICE PHOENIX AZ
210 PM MST TUE OCT 5 1993

...VERY STRONG THUNDERSTORMS IN MOHAVE COUNTY...

AT 2 PM MST...WEATHER RADAR AND SATELLITE PHOTOS INDICATED VERY STRONG THUNDERSTORMS IN MOHAVE COUNTY. JUST BEFORE 2 PM...KINGMAN AIRPORT GOT HIT BY A THUNDERSTORM THAT CAUSED WIND GUSTS TO 55 MPH...HEAVY RAIN AND FREQUENT AND DEADLY LIGHTNING.

THE THUNDERSTORMS IN MOHAVE COUNTY WERE MOVING NORTH AT 20 MPH.

PERSONS IN MOHAVE COUNTY ARE URGED TO BE ALERT FOR STRONG THUNDERSTORM WIND GUSTS...HEAVY RAIN AND DEADLY LIGHTNING.

FRANJEVIC

PHXSPSPHX
TTAA00 KPHX 052136
AZZALL-060100-

SPECIAL WEATHER STATEMENT
NATIONAL WEATHER SERVICE PHOENIX AZ
235 PM MST TUE OCT 5 1993

...INCREASING CHANCE OF SHOWERS AND THUNDERSTORMS IN ARIZONA THROUGH TONIGHT WITH THE BEST CHANCE LATE TONIGHT AND WEDNESDAY...

ATIONAL WEATHER SERVICE RADAR IN PHOENIX SHOWED SCATTERED SHOWERS AND HUNDERSTORMS DEVELOPING IN SOUTHEAST...WESTCENTRAL...NORTHCENTRAL AND NORTHWEST ARIZONA THIS AFTERNOON. MOISTURE FROM MEXICO CONTINUES TO MOVE INTO ARIZONA ON WINDS ALOFT FROM THE SOUTH. IN ADDITION...A SIGNIFICANT ACIFIC LOW PRESSURE SYSTEM OVER CALIFORNIA IS MOVING TOWARD ARIZONA.

THIS MEANS AN INCREASING CHANCE OF SHOWERS AND THUNDERSTORMS IN ARIZONA THROUGH TONIGHT. MOST OF THE SHOWERS AND THUNDERSTORMS ARE EXPECTED TO DEVELOP IN WESTERN ARIZONA THROUGH TONIGHT...CENTRAL ARIZONA LATE TONIGHT AND WEDNESDAY...AND EASTERN ARIZONA ON WEDNESDAY. THIS IS THE BEST CHANCE OF SHOWERS AND THUNDERSTORMS FOR MUCH OF ARIZONA IN MANY WEEKS.

SOME HEAVY RAIN...HAIL...AND STRONG GUSTY POSSIBLY DAMAGING WINDS ARE ANTICIPATED WITH THE THUNDERSTORMS. OTHERWISE...BREEZY CONDITIONS ARE XPECTED AT TIMES TONIGHT AND WEDNESDAY ALONG WITH SIGNIFICANTLY COOLER WEATHER WEDNESDAY.

CLEARING SKIES AND DRIER AIR ARE EXPECTED TO SPREAD INTO WESTERN ARIZONA WEDNESDAY AND ACROSS MOST OF ARIZONA WEDNESDAY NIGHT AS THE LOW PRESSURE SYSTEM MOVES EAST OF THE STATE.

KEEP YOUR EYES TO THE SKY AND BE ALERT FOR THREATENING WEATHER THROUGH TONIGHT AND WEDNESDAY. TAKE APPROPRIATE ACTION AS NECESSARY. ALSO DRIVE WITH EXTRA CAUTION AND BE ALERT FOR SLICK ROADS AND FLOODED ROAD DIPS. LEAVE EXTRA SPACE BETWEEN YOUR VEHICLE AND THE VEHICLE AHEAD OF YOU.

WET ROADS ARE A GOOD POSSIBILITY IN PHOENIX DURING THE RUSH HOUR WEDNESDAY MORNING

CRAIG ELLIS

PHXSPSPHX
TTAA00 KPHX 052153
AZZ008-052300-

SPECIAL WEATHER STATEMENT
NATIONAL WEATHER SERVICE PHOENIX AZ
252 PM MST TUE OCT 5 1993

...THUNDERSTORMS DEVELOPING OVER SOUTHWEST MARICOPA COUNTY...

AT 2:50 PM NATIONAL WEATHER SERVICE RADAR DETECTED RAPIDLY DEVELOPING THUNDERSTORMS OVER THE SOUTH-CENTRAL DESERTS IN AND AROUND THE GILA BEND AREA. INDIVIDUAL THUNDERSTORMS WERE MOVING TOWARD THE NORTH-NORTHEAST AT 20 MPH. THUNDERSTORMS COULD BEGIN TO AFFECT THE WESTERN AND SOUTHERN PHOENIX METROPOLITAN AREA...INCLUDING THE BUCKEYE/AVONDALE/PALO VERDE AREA...BY 4 PM. STRONG GUSTY WINDS...BRIEF HEAVY RAIN...AND LIGHTNING ARE LIKELY TO OCCUR IN THE VICINITY OF THESE THUNDERSTORMS.

GREEN

PHXSPSPHX
TTAA00 KPHX 052340 COR
AZZALL-060115-

SPECIAL WEATHER STATEMENT CORRECTION
NATIONAL WEATHER SERVICE PHOENIX AZ
430 PM MST TUE OCT 5 1993

...A LINE OF THUNDERSTORMS OVER NORTHWEST AND WEST CENTRAL ARIZONA AT 4 PM...

RANDON THUNDERSTORMS IN NORTHWEST ARIZONA HAVE ORGANIZED INTO A LINE OF STORMS EXTENDING GENERALLY FROM ALAMO LAKE AND WIKIEUP...IN WEST CENTRAL ARIZONA...NORTH TO NEAR KINGMAN...THEN INTO THE FAR WEST PORTIONS OF THE GRAND CANYON NATIONAL PARK. THIS INCLUDES A LARGE PORTION OF THE ARIZONA STRIP NORTH OF THE COLORADO RIVER.

THUNDERSTORMS ALONG THIS LINE WERE MOVING NORTHEAST AT 30 MPH. THE GREATEST DANGER FROM THESE FAST MOVING STORMS ARE STRONG THUNDERSTORM WINDS PERHAPS TO 50 MPH...FOLLOWED BY BRIEF RAINFALL. BETWEEN 1 AND 2 PM ONE SMALL THUNDERSTORM PRODUCED A WIND GUST TO 55 MPH AT THE KINGMAN AIRPORT .

AT 415 PM THE LARGEST STORMS WERE LOCATED NEAR WIKIEUP...BETWEEN KINGMAN AND PEACH SPRINGS...AND OVER THE ARIZONA STRIP COUNTRY JUST WEST OF COLORADO CITY AND FREDONIA.

THUNDERSTORMS ELSEWHERE IN ARIZONA AT 415 PM HAVE NOT BEEN AS LARGE... WITH RADAR DETECTING A FEW STORMS ON THE OUTSKIRTS OF WEST PHOENIX... NEAR FLAGSTAFF...AND OVER FAR SOUTHEAST ARIZONA.

SHOWERS AND THUNDERSTORMS WILL CONTINUE TO DEVELOP THE REMAINDER OF THIS EVENING AND EARLY TONIGHT...SPREADING TO OTHER PORTIONS OF THE STATE. RESIDENTS AND TRAVELERS ARE REMINDED OF THUNDERSTORMS HAZARDS WHICH INCLUDE STRONG WINDS AND DEADLY LIGHTNING.

VASQUEZ

PHXSPSPHX
TTAA00 KPHX 060033
AZZ008-060230-

SPECIAL WEATHER STATEMENT
NATIONAL WEATHER SERVICE PHOENIX AZ
524 PM MST TUE OCT 5 1993

...STRONG THUNDERSTORMS MOVING TOWARD THE CITY OF BUCKEYE FROM THE SOUTHWEST...

AT 520 PM SEVERAL STRONG THUNDERSTORMS WERE DETECTED BY RADAR 25 MILES SOUTHWEST OF THE CITY OF BUCKEYE. THESE STORMS HAVE ACCELERATED NORTHEASTWARD AT NEARLY 30 MPH AND WILL LIKELY MOVE INTO BUCKEYE AND SURROUNDING AREAS JUST BEFORE 6 PM.

THE GREATEST DANGER WITH THESE STORMS ARE WIND GUSTS...PERHAPS TO 50 MPH...FOLLOWED BY BRIEF RAINFALL. DENSE BLOWING DUST WILL ALSO BE GENERATED BY THESE STORMS.

THOSE NEAR THE CITY OF BUCKEYE SHOULD BE ALERT FOR THESE APPROACHING STORMS.

VASQUEZ

PHXSPSPHX
TTAA00 KPHX 060310 COR
AZZALL-060445-

SPECIAL WEATHER STATEMENT
NATIONAL WEATHER SERVICE PHOENIX AZ
800 PM MST TUE OCT 5 1993

...SHOWERS AND THUNDERSTORMS CONTINUE ACROSS PARTS OF ARIZONA TUESDAY EVENING...

SHOWERS AND THUNDERSTORMS CONTINUED ACROSS PARTS OF ARIZONA TUESDAY EVENING...HOWEVER MOST STORMS WERE CONCENTRATED OVER THE NORTHWEST QUARTER OF THE STATE.

THE STRONGEST AND MOST NUMEROUS THUNDERSTORMS AT 745 PM WERE LOCATED IN TWO AREAS...OVER THE KAIBAB PLATEAU BETWEEN THE TOWN OF FREDONIA AND THE GRAND CANYON VILLAGE... AND IN AN AREA BOUNDED BY LAKE HAVASU CITY...PRESCOTT...AND KINGMAN.

ISOLATED THUNDERSTORMS WERE ALSO DETECTED IN THE PHOENIX AREA...AND IN SOUTHERN ARIZONA BETWEEN TUCSON...NOGALES...AND DOUGLAS. NONE OF THE STORMS APPEAR TO BE VERY INTENSE...HOWEVER THEIR OVERALL MOVEMENT TO THE NORTHEAST AT NEARLY 30 MPH COULD RESULT IN WIND GUSTS ON THE ORDER OF 35 TO 45 MPH...FOLLOWED BY BRIEF RAINFALL.

A COLD FRONT APPROACHING ARIZONA THIS EVENING WILL LIKELY CONTINUE THE THREAT FOR SHOWERS AND THUNDERSTORMS TONIGHT...PARTICULALY ACROSS THE NORTHERN HALF OF THE STATE.

VASQUEZ

PHXSPSPHX
TTAA00 KPHX 060446

SPECIAL WEATHER STATEMENT
NATIONAL WEATHER SERVICE PHOENIX AZ
945 PM MST TUE OCT 5 1993
...WIDELY SCATTERED SHOWERS AND THUNDERSTORMS CONTINUED ACROSS PORTIONS OF ARIZONA TUESDAY EVENING..

AT 930 PM MST...THE NATIONAL WEATHER SERVICE RADAR IN PHOENIX SHOWED WIDELY SCATTERED SHOWERS AND THUNDERSTORMS EXTENDING ACROSS PORTIONS OF COCONINO...YAVAPAI...AND WESTERN MARICOPA COUNTIES. THE STRONGEST THUNDERSTORM WITH VERY HEAVY RAINFALL WAS CENTERED AROUND CORDES JUNCTION IN YAVAPAI COUNTY. ACCORDING TO A WEATHER OBSERVER IN CORDES JUNCTION...THIS STORM PRODUCED FOUR TENTHS OF AN INCH WITHIN 6 MINUTES SHORTLY AFTER 915 PM MST.

ELSEWHERE...LIGHT TO MODERATE SHOWERS WERE WIDELY SCATTERED ACROSS SOUTHERN GILA...EASTERN PINAL...AND WESTERN GRAHAM COUNTIES.

MOVEMENT OF THESE SHOWERS AND THUNDERSTORMS WAS NORTHEAST AT 30 MILES AN HOUR.

AN APPROACHING STORM SYSTEM WILL LIKELY CONTINUE THE THREAT FOR SHOWERS AND THUNDERSTORMS OVERNIGHT...PARTICULARLY ACROSS THE NORTHERN ONE-HALF OF ARIZONA.

STAY TUNED TO NOAA WEATHER RADIO OR LOCAL TELEVISION AND RADIO FOR LATER STATEMENTS. JD

PHXSPSPHX
TTAA00 KPHX 060850

SPECIAL WEATHER STATEMENT
NATIONAL WEATHER SERVICE PHOENIX AZ
145 AM MST WED OCT 6 1993

...NUMEROUS THUNDERSTORMS IN EASTERN MARICOPA COUNTY...

BETWEEN 100 AND 130 AM THUNDERSTORMS DEVELOPED IN AND AROUND THE GREATER PHOENIX METROPOLITAN AREA. THESE STORMS WERE PART OF A MUCH LARGER AREA OF SHOWERS AND THUNDERSTORMS...SOME CONTAINING TORRENTIAL DOWNPOURS AND SMALL HAIL. THE INDIVIDUAL STORMS WERE MOVING TO THE NORTH AT ABOUT 20 MPH. RADAR INDICATED THE HEAVIEST RAINS FROM CENTRAL PHOENIX TO MESA.

FREQUENT LIGHTNING...HEAVY RAIN AND SMALL HAIL CAN BE EXPECTED UNTIL BEFORE SUNRISE. ROADS AND HIGHWAY DIPS ARE LIKELY TO BECOME FILLED WITH WATER. STAY AWAY FROM FLOODED AREAS. DO NOT ATTEMPT TO CROSS A FLOODED PORTION...ESPECIALLY WHILE IT IS STILL DARK. YOU NEVER KNOW IF THE PAVEMENT HAS BEEN WASHED AWAY.

SIPPLE

PHXSPSPHX
TTAA00 KPHX 061221

SPECIAL WEATHER STATEMENT AND EARLY MORNING ARIZONA WEATHER SUMMARY
NATIONAL WEATHER SERVICE PHOENIX AZ
530 AM MST WED OCT 6 1993

...THE WARM DRY DAYS ARE OVER...

THE MUCH ADVERTISED CHANGE IN THE WEATHER IS NOW TAKING PLACE. AN INCREASE IN CLOUDS...AND A FEW SHOWERS...DEVELOPED ACROSS THE STATE YESTERDAY BUT IT REMAINED QUITE WARM. DURING THE NIGHTTIME HOURS SHOWERS AND THUNDERSTORMS INCREASED...WITH A FEW RESULTING IN BRIEF HEAVY RAINS. HOWEVER NO FLOODING WAS REPORTED.

RAINFALL TOTALS OVERNIGHT WERE NOT READILY AVAILABLE AT 5 AM. HOWEVER PRESCOTT REPORTED .23 INCHES...KINGMAN .02 INCHES...AND TUCSON .01 INCHES. ALSO FLAGSTAFF PICKED UP ABOUT A THIRD OF AN INCH...AND THE PHOENIX AREA ABOUT A TENTH OF AN INCH OF RAIN.

DURING THE EARLY MORNING HOURS THE MAIN AREA OF SHOWERS AND THUNDERSTORMS WAS OVER WESTERN ARIZONA...SLOWLY MOVING EASTWARD. PROBABLY THE MAIN IMPACT OF THE STORM WILL BE THIS AFTERNOON...WITH EMPHASIS ON THE CENTRAL AND EASTERN PORTIONS OF THE STATE. NUMEROUS SHOWERS AND THUNDERSTORMS ARE FORECAST TO BE PRESENT...A FEW WITH BRIEF HEAVY RAIN...STRONG GUSTY WINDS...AND POSSIBLY HAIL.

THE STORM WILL START EXITING ARIZONA...FROM THE WEST...TONIGHT. ONLY A FEW SHOWERS ARE SCHEDULED FOR TOMORROW...AND THESE MOSTLY OVER THE HIGHER TERRAIN AND NEAR THE NEW MEXICO BORDER.

TEMPERATURES TODAY AND THURSDAY WILL BE MUCH COOLER THAN THEY HAVE BEEN. AFTERNOON HIGHS WILL RANGE FROM THE LOWER AND MIDDLE 60S IN THE MOUNTAINS TO THE LOWER 90S ON THE SOUTHWEST DESERTS.

TEMPERATURES TONIGHT WERE MILD...DURING THE PREDAWN HOURS GENERALLY RANGING FROM THE UPPER 40S AND LOWER 50S IN THE MOUNTAINS TO THE MIDDLE AND UPPER 70S ON THE DESERTS. AT 5 AM PHOENIX REPORTED 77 DEGREES... TUCSON 72...YUMA 78...AND PRESCOTT AND PAGE 58 DEGREES.

PERFREMENT

PHXSPSPHX
TTAA00 KPHX 061639

SPECIAL WEATHER STATEMENT
NATIONAL WEATHER SERVICE PHOENIX AZ
940 AM MST WED OCT 6 1993

...INCREASING SHOWERS AND THUNDERSTORMS IN ARIZONA TODAY...

NATIONAL WEATHER SERVICE RADAR IN PHOENIX SHOWED SCATTERED SHOWERS AND THUNDERSTORMS DEVELOPING OVER ARIZONA AT MID MORNING. AT 930 AM MST... THE MOST INTENSE STORM WAS LOCATED IN PINAL COUNTY APPROACHING FLORENCE JUNCTION FROM THE SOUTH-SOUTHWEST AT 25 MPH. THIS STORM IS PRODUCING HEAVY RAIN WITH POSSIBLE HAIL AND GUSTY WINDS.

MOISTURE FROM MEXICO WAS CONTINUING TO MOVE INTO ARIZONA ON WINDS ALOFT FROM THE SOUTH THIS MORNING AHEAD OF A SIGNIFICANT LOW PRESSURE SYSTEM APPROACHING THE STATE FROM CALIFORNIA.

THIS MEANS INCREASING SHOWERS AND THUNDERSTORMS IN ARIZONA TODAY... LASTING INTO TONIGHT. IN ADDITION...A NORTH-SOUTH ORIENTED BAND OF SHOWERS AND THUNDERSTORMS IN WESTERN ARIZONA AT MID MORNING IS EXPECTED TO SHIFT EAST INTO CENTRAL AND EASTERN ARIZONA THIS AFTERNOON AND EVENING.

SOME HEAVY RAIN...HAIL...AND STRONG GUSTY POSSIBLY DAMAGING WINDS ARE ANTICIPATED WITH THE THUNDERSTORMS. OTHERWISE...BREEZY CONDITIONS ARE EXPECTED AT TIMES TODAY ALONG WITH SIGNIFICANTLY COOLER WEATHER.

CLEARING SKIES AND DRIER AIR ARE EXPECTED TO SPREAD INTO FAR WESTERN ARIZONA THIS AFTERNOON AND THE WESTERN HALF OF ARIZONA LATE TONIGHT.

KEEP YOUR EYES TO THE SKY AND BE ALERT FOR THREATENING WEATHER TODAY AND TONIGHT. TAKE APPROPRIATE ACTION AS NECESSARY. GO TO A SAFE PLACE... INDOORS IF POSSIBLE. BE ALERT FOR SLICK ROADS AND FLOODED LOW SPOTS.

CRAIG ELLIS

PHXSPSPHX
TTAA00 KPHX 061734
AZZ008-061830-

SPECIAL WEATHER STATEMENT
NATIONAL WEATHER SERVICE PHOENIX AZ
1032 AM MST WED OCT 6 1993

...STRONG THUNDERSTORM HEADED TOWARD WINTERSBURG...

AT 1030 AM MST...NATIONAL WEATHER SERVICE RADAR IN PHOENIX SHOWED A STRONG THUNDERSTORM WITH HEAVY RAIN...HAIL...AND STRONG GUSTY POSSIBLY DAMAGING WINDS HEADED TOWARD WINTERSBURG FROM THE SOUTHWEST AT 25 MPH.

THIS STRONG STORM IS ANTICIPATED TO MOVE INTO THE WINTERSBURG AREA AROUND 1050 MST.

KEEP YOUR EYES TO THE SKY AND MOVE TO A SAFE PLACE IF NECESSARY AND INDOORS IF POSSIBLE.

CRAIG ELLIS

PHXSPSPHX
TTAA00 KPHX 061756
AZZ008-061900-

SPECIAL WEATHER STATEMENT
NATIONAL WEATHER SERVICE PHOENIX AZ
1054 AM MST WED OCT 6 1993

...STRONG THUNDERSTORMS IN THE WESTERN PHOENIX METRO AREA...

AT 1050 MST...NATIONAL WEATHER SERVICE RADAR IN PHOENIX WAS SHOWING STRONG THUNDERSTORMS DEVELOPING INTO THE WESTERN PART OF THE PHOENIX METRO AREA. THESE THUNDERSTORMS WERE DEVELOPING AND MOVING IN FROM THE SOUTH-SOUTHWEST AT 25 MPH.

IN ADDITION...OTHER THUNDERSTORMS WERE DEVELOPING SOUTH OF THE PHOENIX AREA AND COULD MOVE INTO THE CENTRAL PORTIONS OF THE PHOENIX METRO AREA BY NOON MST.

ALL THESE THUNDERSTORMS COULD PRODUCE HEAVY RAIN...HAIL...AND STRONG GUSTY WINDS.

KEEP YOUR EYES TO THE SKY AND BE ALERT FOR THREATENING WEATHER. MOVE TO A SAFE PLACE IF NECESSARY AND INDOORS IF POSSIBLE.

CRAIG ELLIS

TTAA00 KPHX 061814
AZC013-025-061915-

BULLETIN - IMMEDIATE BROADCAST REQUESTED
SEVERE THUNDERSTORM WARNING
NATIONAL WEATHER SERVICE PHOENIX AZ
1113 AM MST WED OCT 6 1993

THE NATIONAL WEATHER SERVICE IN PHOENIX HAS ISSUED A SEVERE THUNDERSTORM WARNING EFFECTIVE UNTIL 1215 PM MST FOR PEOPLE IN THE FOLLOWING LOCATIONS...S...

IN SOUTH CENTRAL ARIZONA

...NORTH CENTRAL MARICOPA COUNTY

IN WEST CENTRAL ARIZONA

...SOUTHWESTERN YAVAPAI COUNTY

AT 1110 MST...NATIONAL WEATHER SERVICE RADAR IN PHOENIX SHOWED STRONG THUNDERSTORMS IN NORTHCENTRAL MARICOPA COUNTY NORTH OF WINTERSBURG AND ALSO IN EXTREME SOUTHWEST YAVAPAI COUNTY NORTH OF WICKENBURG. STRONG THUNDERSTORMS ARE ALSO DEVELOPING IN AND AROUND THE PHOENIX METROPOLITAN AREA. THE THUNDERSTORMS WERE MOVING FROM THE SOUTHWEST TOWARD THE NORTHEAST AT 25 MPH.

SEVERE THUNDERSTORMS CAUSE DAMAGING WINDS...LARGE HAIL AND DEADLY LIGHTNING. MOVE INSIDE A REINFORCED BUILDING OR STORM SHELTER. GO TO AN INTERIOR ROOM OR HALLWAY ON THE LOWEST FLOOR. STAY AWAY FROM WINDOWS.

PHXFFSPHX
TTAA00 KPHX 061854
AZZ008-062015-

URBAN AND SMALL STREAM FLOOD ADVISORY
NATIONAL WEATHER SERVICE PHOENIX AZ
1151 AM MST WED OCT 6 1993

...URBAN AND SMALL STREAM FLOOD ADVISORY FOR THE PHOENIX METRO AREA...

THE NATIONAL WEATHER SERVICE IN PHOENIX HAS ISSUED AN URBAN AND SMALL STREAM FLOOD ADVISORY FOR THE PHOENIX METROPOLITAN AREA UNTIL 115 PM MST. AT MID DAY...STRONG THUNDERSTORMS WERE PRODUCING HEAVY RAIN IN PORTIONS OF THE PHOENIX METROPOLITAN AREA. MORE THAN THREE QUARTERS OF AN INCH OF RAIN WAS REPORTED AT 44TH STREET AND MCDONALD DRIVE IN 20 MINUTES BETWEEN 1120 AND 1140 AM MST. ONE AND 3 TENTHS INCHES OF RAIN WAS REPORTED AT PARADISE VALLEY COMMUNITY COLLEGE AT 1145 AM MST.

STAY AWAY FROM FLOODED AREAS INCLUDING HIGHWAY DIPS AND UNDERPASSES.

CRAIG ELLIS

PHXSVSPHX
TTAA00 KPHX 061918
AZZ008-062015-

SEVERE WEATHER STATEMENT
NATIONAL WEATHER SERVICE PHOENIX AZ
1216 PM MST WED OCT 6 1993

...SEVERE THUNDERSTORM WARNING FOR NORTH CENTRAL MARICOPA COUNTY AND SOUTHWEST YAVAPAI COUNTY EXPIRED...

THE SEVERE THUNDERSTORM WARNING THAT WAS IN EFFECT FOR NORTH CENTRAL MARICOPA COUNTY AND SOUTHWEST YAVAPAI COUNTY EXPIRED ON SCHEDULE AT 1215 PM MST. A FUNNEL CLOUD WAS REPORTED NORTHEAST OF CAMELBACK MOUNTAIN AT 1130 AM MST. HOWEVER...IT NEVER TOUCHED THE GROUND AND WENT BACK UP INTO THE CLOUD.

ALTHOUGH THE SEVERE THUNDERSTORM WARNING HAS EXPIRED...NATIONAL WEATHER SERVICE RADAR IN PHOENIX WAS STILL SHOWING STRONG THUNDERSTORMS IN THE NORTH PORTIONS OF THE GREATER PHOENIX AREA INCLUDING THE PARADISE VALLEY AND SUN CITY AREAS AT 1215 PM MST.

OCCASIONALLY GLANCE TO THE SKY AND BE ALERT FOR THREATENING WEATHER THIS AFTERNOON AND EVENING. MOVE TO A SAFE PLACE IF NECESSARY AND INDOORS IF POSSIBLE.

CRAIG ELLIS

PHXFFWPHX
TTAA00 KPHX 062020
AZC013-062230-

BULLETIN - EBS ACTIVATION REQUESTED
FLASH FLOOD WARNING
NATIONAL WEATHER SERVICE PHOENIX AZ
117 PM MST WED OCT 6 1993

THE NATIONAL WEATHER SERVICE IN PHOENIX HAS ISSUED A
FLASH FLOOD WARNING EFFECTIVE UNTIL 330 PM MST
FOR PEOPLE IN THE FOLLOWING LOCATIONS.....

IN SOUTH CENTRAL ARIZONA

...NORTHERN MARICOPA COUNTY

THE NATIONAL WEATHER SERVICE IN PHOENIX HAS ISSUED A FLASH FLOOD WARNING FOR THE NORTHERN HALF OF MARICOPA COUNTY INCLUDING THE PHOENIX METROPOLITAN AREA UNTIL 330 PM MST. SEVERAL SPOTTERS HAVE REPORTED HEAVY RAIN IN THE PHOENIX METROPOLITAN AREA BETWEEN NOON AND 1 PM MST WITH SOME AMOUNTS WELL OVER 1 1/2 INCHES. TWO AND EIGHT TENTHS INCHES OF RAIN WAS REPORTED AT LAKE PLEASANT AND JOMAX ROADS NORTH OF PEORIA.

A FLASH FLOOD WARNING MEANS FLASH FLOODING IS IMMINENT OR ALREADY OCCURRING. WATCH THE WEATHER. IF YOU ARE NEAR A STREAM OR WASH...PREPARE TO MOVE TO HIGHER GROUND. STAY TUNED TO RADIO OR TV FOR WEATHER UPDATES.

CRAIG ELLIS

&
PHXFFAPHX
TTAA00 KPHX 062039
AZZ004-070400-

BULLETIN - IMMEDIATE BROADCAST REQUESTED
FLASH FLOOD WATCH
NATIONAL WEATHER SERVICE PHOENIX AZ
140 PM MST WED OCT 6 1993

...FLASH FLOOD WATCH FOR CENTRAL BASINS OF ARIZONA UNTIL 9 PM MST...

THE NATIONAL WEATHER SERVICE IN PHOENIX HAS ISSUED A FLASH FLOOD WATCH FOR THE CENTRAL BASINS OF ARIZONA EFFECTIVE UNTIL 9 PM MST. THIS INCLUDES MOST OF YAVAPAI COUNTY AS WELL AS MOST OF GILA COUNTY. CITIES INCLUDED WITHIN THE WATCH INCLUDE PRESCOTT...PAYSON...MAYER...CORDES JUNCTION...SEDONA AND COTTONWOOD.

STRONG THUNDERSTORMS HAVE BEEN DEVELOPING TO THE SOUTH OF THE WATCH AREA DURING THE LATE MORNING AND EARLY AFTERNOON HOURS...WITH MANY REPORTS OF BETWEEN ONE AND TWO INCHES OF RAINFALL. ONE SPOTTER NEAR LAKE PLEASANT IN FAR NORTHERN MARICOPA COUNTY RECEIVED JUST UNDER THREE INCHES OF RAIN.

WASHES ARE EXPECTED TO START FLOWING AFTER THE HEAVY RAIN COMMENCES...WITH FLOODED HIGHWAY LOW SPOTS ALSO LIKELY. STAY AWAY FROM FLOODED AREAS.

REMEMBER...A FLASH FLOOD WATCH MEANS THAT FLASH FLOODING IS POSSIBLE IN AND CLOSE TO THE WATCH AREA.

ESTLE

&

PHXFFSPHX
TTAA00 KPHX 062144
AZZ004-008-062230-

FLASH FLOOD STATEMENT
NATIONAL WEATHER SERVICE PHOENIX AZ
243 PM MST WED OCT 6 1993

...FLASH FLOOD WARNING CONTINUES IN EFFECT FOR NORTHERN MARICOPA COUNTY INCLUDING THE PHOENIX METROPOLITAN AREA...

...FLASH FLOOD WATCH CONTINUES IN EFFECT FOR THE CENTRAL BASINS OF ARIZONA INCLUDING MOST OF YAVAPAI AND GILA COUNTIES UNTIL 9 PM MST...

THE NATIONAL WEATHER SERVICE IN PHOENIX IS CONTINUING THE FLASH FLOOD WARNING FOR NORTHERN MARICOPA COUNTY INCLUDING THE PHOENIX METROPOLITAN AREA UNTIL 330 PM MST. NUMEROUS REPORTS OF VERY HEAVY RAIN AND FLOODING HAVE BEEN REPORTED IN THE PHOENIX METROPOLITAN AREA EARLY THIS AFTERNOON.

AT 220 PM MST...THE SCOTTSDALE POLICE DEPARTMENT REPORTED THAT INDIAN BEND WASH WAS CLOSED WITH WATER FLOODING THE STREETS CROSSING THE WASH. ALSO...THERE WERE DISABLED VEHICLES IN MCCORMICK RANCH. AS OF 2 PM MST...OVER 2 1/2 INCHES OF RAIN WAS REPORTED AT 32ND STREET AND SHEA BLVD. IN PARADISE VALLEY AND AT 16TH STREET AND MISSOURI IN PHOENIX.

ALTHOUGH MOST OF THE RAIN HAS ALREADY OCCURRED IN THE WARNING AREA... FLOODING FROM RAIN EARLIER THIS AFTERNOON IS STILL BEING REPORTED.

THE STRONGEST STORMS WITH HEAVY RAIN WERE MOVING NORTHEAST INTO THE CENTRAL BASINS MAINLY WESTERN GILA AND SOUTHEAST YAVAPAI COUNTIES AS OF 240 PM MST. THUS...A FLASH FLOOD WATCH CONTINUES IN EFFECT FOR THE CENTRAL BASINS OF ARIZONA INCLUDING MOST OF YAVAPAI AND GILA COUNTIES UNTIL 9 PM MST.

STAY AWAY FROM FLOODED AREAS...TURN AROUND AND FIND ANOTHER ROUTE... EVEN IF IT IS LONGER.

CRAIG ELLIS

&

PHXFFWPHX
TTAA00 KPHX 062234
AZC007-013-025-070015-

BULLETIN - EBS ACTIVATION REQUESTED
FLASH FLOOD WARNING
NATIONAL WEATHER SERVICE PHOENIX AZ
330 PM MST WED OCT 6 1993

THE NATIONAL WEATHER SERVICE IN PHOENIX HAS ISSUED A
FLASH FLOOD WARNING EFFECTIVE UNTIL 500 PM MST
FOR PEOPLE IN THE FOLLOWING LOCATIONS...S...

IN EAST CENTRAL ARIZONA

...NORTHWESTERN GILA COUNTY... FROM LAKE ROOSEVELT TO PAYSON

IN SOUTH CENTRAL ARIZONA

...EASTERN HALF OF MARICOPA COUNTY ...INCLUDING PARTS OF THE
GREATER PHOENIX AREA

IN WEST CENTRAL ARIZONA

...EASTERN PORTIONS OF YAVAPAI COUNTY

THE FLASH FLOOD WARNING ISSUED EARLIER FOR MARICOPA COUNTY...INCLUDING
PARTS OF THE GREATER PHOENIX AREA...HAS BEEN RENEWED UNTIL 5 PM...
AND EXTENDED TO INCLUDE EASTERN YAVAPAI AND NORTHWEST GILA COUNTIES.

VERY HEAVY RAIN AND THUNDERSTORMS CONTINUED TO DEVELOP OVER THE CENTRAL
ARIZONA MOUNTAINS AND DESERTS AT 315 PM. WEATHER RADAR SHOWED THE
HEAVIEST RAIN AT THIS TIME WAS LOCATED OVER THE NORTHEAST PARTS OF
THE GREATER PHOENIX AREA...OVER THE MOUNTAINS NEAR CAVE CREEK AND
CAREFREE... EXTENDING NORTH AND NORTHEAST TOWARD COTTONWOOD AND PAYSON.

STEADY RAIN AND OCCASIONAL THUNDERSTORM DOWNPOURS WILL LIKELY LEAD TO
HEAVY RUNOFF INTO STREAMS AND WASHES DRAINING FROM THE MOUNTAINS
TOWARD THE VALLEYS AND DESERTS. THE MOST FLOOD PRONE LOCATIONS ARE
BOUNDED BY AN AREA FROM COTTONWOOD...PAYSON...AND PHOENIX...INCLUDING
THE SALT RIVER LAKES.

THERE WERE REPORTS OF NEARLY 3 INCHES OF RAIN THIS AFTERNOON NORTH OF
PHOENIX...NEAR LAKE PLEASANT.

AGAIN THE FLASH FLOOD WARNING IS POSTED UNTIL 5 PM.

A FLASH FLOOD WARNING MEANS FLASH FLOODING IS IMMINENT OR
ALREADY OCCURRING. WATCH THE WEATHER. IF YOU ARE NEAR A
STREAM OR WASH...PREPARE TO MOVE TO HIGHER GROUND. STAY TUNED
TO RADIO OR TV FOR WEATHER UPDATES.

FLASH FLOODING IS MOST DANGEROUS IN THE MOUNTAINS...ALONG STREAMS IN
NARROW STEEP WALLED CANYONS. MANY DEATHS HAVE RESULTED WHEN MOTORISTS
TRIED TO OUTRACE A FLOOD IN THESE CANYONS. CLIMB TO SAFETY IF A FLOOD
DEVELOPS.

VASQUEZ

PHXFFSPHX
TTAA00 KPHX 070010
AZC007-013-025-070100-

FLASH FLOOD STATEMENT
NATIONAL WEATHER SERVICE PHOENIX AZ
500 PM MST WED OCT 6 1993

...FLASH FLOOD WARNING FOR THE CENTRAL ARIZONA COUNTIES OF MARICOPA...
GILA...AND YAVAPAI EXPIRED AT 5 PM...

THE FLASH FLOOD WARNING ISSUED EARLIER FOR PORTIONS OF MARICOPA...
GILA...AND YAVAPAI COUNTIES EXPIRED AT 5 PM.

TORRENTIAL RAINS FELL EARLIER IN THE DAY OVER THE CENTRAL ARIZONA
MOUNTAINS AND DESERTS. THE HEAVIEST RAINS WERE REPORTED IN NORTHEAST
PHOENIX...AROUND NORTH SCOTTSDALE...AND OVER THE MOUNTAINS BETWEEN
PHOENIX AND PAYSON.

RESIDENTS IN NORTH SCOTTSDALE REPORTED EXTREME RAINFALL...3.70 INCHES
AT 56TH AND THUNDERBIRD...WITH UNCONFIRMED STORM TOTALS OF 5 PLUS
INCHES.

HEAVY RAINS CAUSED THE INDIAN BEND WASH RUNNING THROUGH SCOTTSDALE
TO FILL TO NEAR RECORD LEVELS. THERE WERE SEVERAL CAR RESCUES OF
PEOPLE STRANDED IN FLOOD WATERS IN SCOTTSDALE WASHES.

HEAVY RAIN ALSO FELL OVER THE MOUNTAINS BETWEEN PHOENIX AND THE
MOGOLLON RIM...HOWEVER OTHER THAN THE USUAL FLOODED WASHES AND
STREAMS THERE WERE NO SIGNIFICANT REPORTS.

PHXFFSPHX
TTAA00 KPHX 070117
AZC007-025-070300-

FLASH FLOOD STATEMENT
NATIONAL WEATHER SERVICE PHOENIX AZ
615 PM MST WED OCT 6 1993

...FLASH FLOOD WATCH CONTINUES FOR YAVAPAI AND GILA COUNTIES IN CENTRAL
ARIZONA UNTIL 9 PM...

THE FLASH FLOOD WATCH ISSUED EARLIER FOR YAVAPAI AND GILA COUNTIES
CONTINUES UNTIL 9 PM. WEATHER RADAR AT 6 PM CONTINUED TO SHOW
SCATTERED HEAVY RAIN FALLING ACROSS PARTS OF CENTRAL ARIZONA...
GENERALLY NEAR PAYSON AT THIS TIME.

OTHER THAN THE USUALL FLOODED SMALL STREAMS AND WASHES THERE HAVE BEEN
NO SIGNIFICANT REPORTS OF FLOODING IN YAVAPAI AND GILA COUNTIES.
HOWEVER CENTRAL ARIZONA BETWEEN PRESCOTT AND PAYSON ARE FILLED WITH REMO
ROADS AND HIGHWAYS...WEATHER INFORMATION IS VERY DIFFICULT TO GET FROM
THESE AREAS.

HEAVY RAIN AMOUNTS MEASURED BY RADAR SINCE 3 PM SUGGEST THERE COULD BE
SIGNIFICANT FLOODING OF WASHES AND STREAMS. THOSE DRIVING IN YAVAPAI
AND GILA COUNTIES ARE URGED TO TRAVEL WITH CAUTION. FLOODED HIGHWAYS
ARE EXTREMELY DIFFICULT TO SEE AT NIGHT.

RAINFALL SHOULD BE TAPPER OFF BETWEEN 6 AND 9 PM AS THE STORM SYSTEM
SHIFTS INTO THE NORTHEASTERN PART OF THE STATE TONIGHT.

VASQUEZ

PHXFFSPHX
TTAA00 KPHX 070331
AZC007-025-070430-

FLASH FLOOD STATEMENT
NATIONAL WEATHER SERVICE PHOENIX AZ
828 PM MST WED OCT 6 1993

...FLASH FLOOD WATCH CONTINUES FOR YAVAPAI AND GILA COUNTIES IN CENTRAL ARIZONA UNTIL 9 PM...

THE FLASH FLOOD WATCH REMAINS IN EFFECT FOR YAVAPAI AND GILA COUNTIES UNTIL 9 PM. AT 815 PM MST...WEATHER RADAR CONTINUED TO SHOW SCATTERED SHOWERS AND THUNDERSTORMS...SOME WITH HEAVY RAIN...ACROSS PARTS OF CENTRAL ARIZONA. MOST OF THE SHOWERS AND THUNDERSTORMS WERE SCATTERED ACROSS PARTS OF GILA...PINAL...AND WESTERN GRAHAM COUNTIES.

NO SIGNIFICANT REPORTS OF FLOODING IN YAVAPAI OR GILA COUNTIES HAVE BEEN RECEIVED SO FAR THIS EVENING. HOWEVER...A CLUSTER OF THUNDERSTORMS WITH HEAVY RAINFALL CONTINUED ACROSS PARTS OF SOUTHERN GILA COUNTY. THEREFORE...THE THREAT OF FLOODING OF ROADWAYS AND WASHES CONTINUES ACROSS PARTS OF GILA COUNTY. THIS CLUSTER OF STORMS WAS MOVING NORTHEAST AT 10 MILES AN HOUR...AND WILL LIKELY MOVE OUT OF GILA COUNTY AROUND 9 PM MST.

THOSE DRIVING IN YAVAPAI AND GILA COUNTIES ARE URGED TO TRAVEL WITH CAUTION. FLOODED HIGHWAYS ARE EXTREMELY DIFFICULT TO SEE AT NIGHT.

ELSEWHERE...RADAR SHOWED A STRONG THUNDERSTORM WITH VERY HEAVY RAINFALL OVER NORTHWEST MARICOPA COUNTY SOUTH OF WICKENBURG AROUND MORRISTOWN.

MOVEMENT OF THIS STORM WAS NORTHEAST AT 15 MILES AN HOUR.

STAY TUNED TO NOAA WEATHER RADIO FOR LATER STATEMENTS.
JD

PHXSPSPHX
TTAA00 KPHX 070344 COR
AZZALL-070530-

SPECIAL WEATHER STATEMENT
NATIONAL WEATHER SERVICE PHOENIX AZ
830 PM MST WED OCT 6 1993

...A NEW WEATHER DISTURBANCE APPROACHING ARIZONA FROM THE NORTHWEST WILL RENEW SHOWER AND THUNDERSTORM ACTIVITY ACROSS MOST OF THE STATE TONIGHT.

EVENING WEATHER BALLOONS DETECTED ANOTHER IN A SERIES OF WEATHER DISTURBANCES BEARING DOWN ON ARIZONA FROM THE NORTHWEST WEDNESDAY EVENING. AT 6 PM THIS NEW WEATHER FEATURE WAS LOCATED IN SOUTHERN NEVADA AND SOUTHERN CALIFORNIA...MOVING QUICKLY TOWARD THE STATE.

ALTHOUGH NO WEATHER WAS ASSOCIATED WITH THIS SYSTEM IN CALIFORNIA AND NEVADA...THIS DISTURBANCE SHOULD RAPIDLY DEVELOP AS IT ENTERS ARIZONA AND RENEW SHOWER AND THUNDERSTORM ACTIVITY OVERNIGHT.

RAINFALL COULD BECOME HEAVY AGAIN LATER TONIGHT...ESPECIALLY IN CENTRAL ARIZONA BETWEEN FLAGSTAFF AND PHOENIX. FREQUENT LIGHTNING...GUSTY WINDS...AND HAIL COULD ALSO ACCOMPANY THUNDERSTORMS.

RESIDENTS AND TRAVELERS STATEWIDE SHOULD BE PREPARED FOR ANOTHER ROUND OF SHOWERS AND THUNDERSTORMS. LISTEN FOR THE LATEST FORECASTS IN THE EVENT WEATHER WATCHES...WARNINGS...AND ADVISORIES ARE NEEDED.

ADDITIONAL WEATHER STATEMENTS WILL BE ISSUED AS THIS SYSTEM DEVELOPS.

VASQUEZ

PHXFFSPHX
TTAA00 KPHX 070429

FLASH FLOOD STATEMENT
NATIONAL WEATHER SERVICE PHOENIX AZ
927 PM MST WED OCT 6 1993

...FLASH FLOOD WATCH FOR YAVAPAI AND GILA COUNTIES IN CENTRAL ARIZONA WAS ALLOWED TO EXPIRE AT 9 PM MST...

SCATTERED THUNDERSTORMS ACROSS THE WATCH AREA HAD DECREASED SOME IN INTENSITY LATE WEDNESDAY EVENING....ALLOWING THE FLASH FLOOD WATCH FOR YAVAPAI AND GILA COUNTIES TO EXPIRE AT 9 PM MST.

NO SIGNIFICANT REPORTS OF FLOODING IN YAVAPAI OR GILA COUNTIES WERE RECEIVED AT THE NATIONAL WEATHER SERVICE.

ANOTHER IN A SERIES OF WEATHER DISTURBANCES WILL MOVE INTO THE STATE WEDNESDAY NIGHT FROM THE NORTHWEST...PRODUCING ADDITIONAL SHOWERS AND THUNDERSTORMS ACROSS CENTRAL ARIZONA. RAINFALL FROM THESE STORMS COULD BECOME HEAVY AGAIN LATER TONIGHT ACROSS PARTS OF YAVAPAI AND GILA COUNTIES.

RESIDENTS AND THOSE TRAVELING IN YAVAPAI AND GILA COUNTIES TONIGHT SHOULD BE PREPARED FOR ANOTHER AROUND OF SHOWERS AND THUNDERSTORMS. LISTEN FOR THE LATEST WEATHER INFORMATION IN THE EVENT WATCHES...WARNINGS...AND ADVISORIES ARE NEEDED. JD

PHXSPSPHX
TTAA00 KPHX 070512
AZZALL-070630-

SPECIAL WEATHER STATEMENT
NATIONAL WEATHER SERVICE PHOENIX AZ
1010 PM MST WED OCT 6 1993

...SCATTERED SHOWERS AND THUNDERSTORMS CONTINUED ACROSS PARTS OF CENTRAL ARIZONA...

AT 955 PM MST...THE NATIONAL WEATHER SERVICE RADAR IN PHOENIX SHOWED SCATTERED SHOWERS AND THUNDERSTORMS OVER PARTS OF CENTRAL ARIZONA. MOST OF THE SHOWERS AND THUNDERSTORMS WERE SCATTERED FROM AROUND PRESCOTT SOUTH TO NEAR NEW RIVER...CAVE CREEK...AND FOUNTAIN HILLS. THE STRONGEST STORMS WITH VERY HEAVY RAINFALL WERE LOCATED FROM SOUTH OF CORDES JUNCTION SOUTH TO NEAR CAVE CREEK AND NEW RIVER.

MOVEMENT OF THESE SHOWERS AND THUNDERSTORMS WAS NORTHEAST AT 20 MILES AN HOUR.

ELSEWHERE...SCATTERED SHOWERS AND THUNDERSTORMS REMAINED OVER PARTS OF PINAL...SOUTHERN GILA...AND WESTERN GRAHAM COUNTIES.

SINCE MANY AREAS IN CENTRAL ARIZONA HAVE RECEIVED HEAVY RAINFALL EARLIER TODAY...ADDITIONAL RAINFALL WILL LIKELY CAUSE PONDING OF WATER ON ROADWAYS AND MINOR FLOODING OF POOR DRAINAGE AREAS AND WASHES.

RESIDENTS AND TRAVELERS ACROSS THE CENTRAL PART OF THE STATE SHOULD BE PREPARED FOR STRONG THUNDERSTORMS WITH VERY HEAVY DOWNPOURS...FREQUENT LIGHTNING...AND POSSIBLY SMALL HAIL. THOSE OUT DRIVING TONIGHT ARE URGED TO TRAVEL WITH EXTRA CAUTION. FLOODED ROADWAYS ARE EXTREMELY DIFFICULT TO SEE AT NIGHT.

LISTEN FOR THE LATEST FORECASTS IN THE EVENT WEATHER WATCHES... WARNINGS...AND ADVISORIES ARE NEEDED.
JD

PHXFFWPHX
TTAA00 KPHX 070550
AZC007-013-025-070830-

BULLETIN - EBS ACTIVATION REQUESTED
FLASH FLOOD WARNING
NATIONAL WEATHER SERVICE PHOENIX AZ
1040 PM MST WED OCT 6 1993

THE NATIONAL WEATHER SERVICE IN PHOENIX HAS ISSUED A
FLASH FLOOD WARNING EFFECTIVE UNTIL 100 AM MST
FOR PEOPLE IN THE FOLLOWING LOCATIONS...S...

IN EAST CENTRAL ARIZONA

...WESTERN GILA COUNTY...ESPECIALLY BETWEEN PAYSON AND LAKE
ROOSEVELT

IN SOUTH CENTRAL ARIZONA

...NORTH CENTRAL MARICOPA COUNTY... FAR NORTH PHOENIX AROUND
LAKE PLEASANT...CAREFREE...AND CAVE CREEK

IN WEST CENTRAL ARIZONA

...SOUTHERN AND EASTERN YAVAPAI COUNTY...

VERY HEAVY THUNDERSTORMS WITH INTENSE RAINFALL WAS DEVELOPING
RAPIDLY IN CENTRAL ARIZONA BETWEEN PAYSON...PRESCOTT AND PHOENIX.
THERE WAS ONE REPORT OF 2.50 INCHES OF RAIN IN 45 MINUTES AT
DESERT HILLS...LOCATED IN FAR NORTH PHOENIX.

THUNDERSTORMS WITH EXTREME RAINFALL WILL CONTINUE TO DEVELOP
IN THE AREA BOUNDED BY PHOENIX...PAYSON...AND PRESCOTT FOR THE
NEXT SEVERAL HOURS. FLOOD OR FLASH FLOODING IS LIKELY IN THE
AREA DUE SATURATED GROUNDS FROM EARLIER RAINS THIS AFTERNOON.

RESIDENTS AND TRAVELERS SHOULD EXERCISE EXTREME CAUTION. HIGHWAYS
AND WASHES COULD FLOOD WITHIN A MOMENTS NOTICE. FLOODED ROADS ARE
VERY DIFICULT TO SEE AT NIGHT.

THE FLASH FLOOD WARNING IS POSED UNTIL 1AM.

A FLASH FLOOD WARNING MEANS FLASH FLOODING IS LIKELY IN THE NEXT FEW
HOURS. WATCH THE WEATHER. IF YOU ARE NEAR A STREAM OR WASH...BE READY
TO MOVE TO HIGHER GROUND. STAY TUNED TO RADIO OR TV FOR WEATHER
UPDATES.

FLASH FLOODING IS MOST DANGEROUS IN THE MOUNTAINS...ALONG STREAMS IN
NARROW STEEP WALLED CANYONS. MANY DEATHS HAVE RESULTED WHEN MOTORISTS
TRIED TO OUTRACE A FLOOD IN THESE CANYONS. CLIMB TO SAFETY IF A FLOOD
DEVELOPS.

VASQUEZ

&

PHXFFAPHX
TTAA00 KPHX 070642
AZC013-025-021-007-071030-

BULLETIN - IMMEDIATE BROADCAST REQUESTED
FLASH FLOOD WATCH
NATIONAL WEATHER SERVICE PHOENIX AZ
1140 PM MST WED OCT 6 1993

THE NATIONAL WEATHER SERVICE IN PHOENIX HAS ISSUED A FLASH FLOOD WATCH FOR YAVAPAI...MARICOPA...GILA...AND PINAL COUNTIES OF CENTRAL ARIZONA UNTIL 330 AM MST THURSDAY MORNING. SOME OF THE CITIES INCLUDED IN THE WATCH ARE PRESCOTT...PHOENIX...PAYSON...CORDES JUNCTION...SEDONA...AND COTTONWOOD.

MANY LOCATIONS IN THE WATCH AREA RECEIVED HEAVY RAINFALL DURING THE DAY WEDNESDAY. THUNDERSTORMS MOVING ACROSS PARTS OF CENTRAL ARIZONA TONIGHT WILL PRODUCE VERY HEAVY DOWNPOURS THAT WILL LIKELY CAUSE FLOODIN OF ROADWAYS...WASHES...AND POOR DRAINAGE AREAS.

AT 1125 PM MST...THE GLOBE SHERIFF OFFICE REPORTED A MASSIVE ROCK SLIDE ON ROUTE 60 ABOUT 2 MILES WEST MIAMI IN GILA COUNTY. THIS ROCK SLIDE HAPPENED AT AROUND 1005 PM MST.

REMEMBER...A FLASH FLOOD WARNING IS IN EFFECT FOR PARTS THE WATCH AREA UNTIL 1 AM MST.

PERSONS IN THE WATCH AREA SHOULD REMAIN ALRET FOR POSSIBLE FLASH FLOODIN TONIGHT. FLASH FLOODING IS MOST DANGEROUS IN THE MOUNTAINS...ALONG STREAMS IN NARROW STEEP WALLED CANYONS. MANY DEATHS HAVE RESULTED WHEN MOTORISTS TRIED TO OUTRACE A FLOOD IN THESE CANYONS. CLIMB TO SAFETY IF A FLOOD DEVELOPS.
JD

&

Appendix B

Hourly Precipitation Amounts for All Automatic Stations

Maricopa County ALERT System

Group Name	Date	Time
Precip 1 : Lower Gila/Centennial	10/26/93	13:31:29

DeviceID	5000	5050	5100	5110	5120	5125
StatType	dif	dif	dif	dif	dif	dif
DataType	precip	precip	precip	precip	precip	precip
Units	in	in	in	in	in	in
10/07/93						
1200	0.00	0.00	0.00	0.00	0.00	0.00
1100	0.00	0.00	0.00	0.00	0.00	0.00
1000	0.00	0.00	0.00	0.00	0.00	0.00
0900	0.00	0.00	0.00	0.00	0.00	0.00
0800	0.00	0.00	0.00	0.00	0.00	0.00
0700	0.00	0.00	0.00	0.00	0.00	0.00
0600	0.00	0.00	0.08	0.00	0.00	0.00
0500	0.00	0.00	0.00	0.00	0.00	0.00
0400	0.00	0.00	0.00	0.00	0.00	0.00
0300	0.00	0.00	0.00	0.00	0.00	0.00
0200	0.00	0.00	0.00	0.00	0.00	0.00
0100	0.00	0.00	0.00	0.00	0.00	0.00
10/06/93						
2400	0.00	0.00	0.00	0.00	0.00	0.00
2300	0.00	0.00	0.00	0.00	0.00	0.00
2200	0.00	0.00	0.00	0.00	0.00	0.16
2100	0.00	0.00	0.00	0.00	0.00	0.00
2000	0.00	0.00	0.00	0.00	0.04	0.04
1900	0.00	0.04	0.00	0.00	0.00	0.00
1800	0.00	0.00	0.00	0.00	0.00	0.00
1700	0.00	0.00	0.00	0.00	0.00	0.00
1600	0.00	0.00	0.00	0.00	0.00	0.00
1500	0.00	0.00	0.00	0.00	0.00	0.00
1400	0.00	0.00	0.00	0.00	0.00	0.00
1300	0.00	0.00	0.00	0.00	0.00	0.00
1200	0.00	0.00	0.00	0.00	0.00	0.00
1100	0.00	0.00	0.63	0.00	0.00	0.16
1000	0.00	0.00	0.00	0.00	0.00	0.00
0900	0.00	0.00	0.00	0.00	0.00	0.00
0800	0.00	0.00	0.00	0.00	0.00	0.00
0700	0.00	0.00	0.00	0.00	0.00	0.00
0600	0.00	0.00	0.00	0.00	0.00	0.00
0500	0.00	0.00	0.00	0.00	0.00	0.00
0400	0.00	0.00	0.00	0.00	0.00	0.00
0300	0.00	0.00	0.00	0.00	0.00	0.00
0200	0.00	0.00	0.00	0.00	0.00	0.00
0100	0.00	0.00	0.00	0.00	0.00	0.00
10/05/93						
2400	0.00	0.00	0.00	0.00	0.00	0.00
2300	0.00	0.00	0.00	0.00	0.00	0.00
2200	0.00	0.00	0.00	0.00	0.00	0.00
2100	0.00	0.00	0.00	0.00	0.00	0.00
2000	0.00	0.00	0.00	0.00	0.00	0.00
1900	0.00	0.00	0.00	0.00	0.00	0.00
1800	0.00	0.00	0.00	0.00	0.00	0.00
1700	0.00	0.00	0.00	0.00	0.00	0.00
1600	0.00	0.00	0.00	0.00	0.00	0.00
1500	0.00	0.00	0.00	0.00	0.00	0.00
1400	0.00	0.00	0.00	0.00	0.00	0.00
1300	0.00	0.00	0.00	0.00	0.00	0.00
TOTALS:	0.00	0.04	0.71	0.00	0.04	0.35

Gauge Names:				
	5000	Mt. Oatman	5050	Gila Bend Mountains
	5100	Centennial Railroad	5110	Saddleback FRS
	5120	Centennial Levee	5125	Harquahala FRS

Maricopa County ALERT System

Group Name	Date	Time
Precip 2 : Upper Centennial	10/26/93	13:31:31

DeviceID	5130	5170	5180	5190
StatType	dif	dif	dif	dif
DataType	precip	precip	precip	precip
Units	in	in	in	in
10/07/93				
1200	0.00	0.00	0.00	0.00
1100	0.00	0.00	0.00	0.00
1000	0.00	0.00	0.00	0.00
0900	0.00	0.00	0.00	0.00
0800	0.00	0.00	0.00	0.00
0700	0.00	0.00	0.00	0.00
0600	0.00	0.00	0.00	0.00
0500	0.00	0.00	0.00	0.00
0400	0.00	0.00	0.00	0.00
0300	0.00	0.00	0.00	0.00
0200	0.00	0.00	0.00	0.00
0100	0.00	0.00	0.00	0.04
10/06/93				
2400	0.00	0.00	0.00	0.00
2300	0.00	0.00	0.00	0.00
2200	0.00	0.00	0.00	0.00
2100	0.00	0.00	0.00	0.00
2000	0.00	0.00	0.00	0.00
1900	0.00	0.00	0.00	0.00
1800	0.00	0.00	0.00	0.00
1700	0.00	0.00	0.00	0.00
1600	0.00	0.00	0.00	0.00
1500	0.00	0.00	0.00	0.00
1400	0.00	0.00	0.00	0.00
1300	0.00	0.00	0.00	0.00
1200	0.00	0.04	0.00	0.08
1100	0.08	0.47	0.00	0.39
1000	0.00	0.00	0.00	0.04
0900	0.00	0.00	0.00	0.00
0800	0.00	0.00	0.00	0.04
0700	0.00	0.00	0.00	0.00
0600	0.00	0.00	0.00	0.00
0500	0.00	0.00	0.00	0.00
0400	0.00	0.00	0.00	0.00
0300	0.00	0.00	0.00	0.00
0200	0.00	0.00	0.00	0.00
0100	0.00	0.00	0.00	0.00
10/05/93				
2400	0.00	0.00	0.00	0.00
2300	0.00	0.00	0.00	0.00
2200	0.00	0.00	0.00	0.00
2100	0.00	0.00	0.00	0.00
2000	0.00	0.00	0.00	0.00
1900	0.00	0.00	0.00	0.00
1800	0.00	0.00	0.00	0.00
1700	0.00	0.00	0.00	0.00
1600	0.00	0.00	0.00	0.00
1500	0.00	0.00	0.00	0.00
1400	0.00	0.00	0.00	0.00
1300	0.00	0.00	0.00	0.00
TOTALS:	0.08	0.51	0.00	0.59

Gauge Names:				
	5130	Upper Tiger Wash	5170	Gladden
	5180	Centennial Wash	5190	Smith Peak

Maricopa County ALERT System

Group Name Date Time

Precip 3 : Lower Hassayampa 10/26/93 13:31:34

DeviceID	5200	5205	5210	5215	5220
StatType	dif	dif	dif	dif	dif
DataType	precip	precip	precip	precip	precip
Units	in	in	in	in	in
10/07/93					
1200	0.00	0.00	0.00	0.00	0.00
1100	0.00	0.00	0.00	0.00	0.00
1000	0.00	0.00	0.00	0.00	0.00
0900	0.00	0.00	0.00	0.00	0.00
0800	0.00	0.00	0.00	0.00	0.00
0700	0.00	0.00	0.00	0.00	0.00
0600	0.12	0.00	0.00	0.00	0.00
0500	0.00	0.00	0.00	0.00	0.00
0400	0.00	0.00	0.00	0.00	0.00
0300	0.00	0.00	0.00	0.00	0.00
0200	0.00	0.00	0.00	0.00	0.00
0100	0.00	0.00	0.00	0.00	0.00
10/06/93					
2400	0.00	0.00	0.00	0.00	0.00
2300	0.00	0.00	0.00	0.00	0.16
2200	0.00	0.00	0.00	0.04	0.00
2100	0.00	0.00	0.00	0.00	0.55
2000	0.00	0.00	0.00	____	0.00
1900	0.00	0.00	0.00	____	0.00
1800	0.00	0.00	0.00	____	0.00
1700	0.00	0.00	0.00	____	0.00
1600	0.00	0.00	0.00	____	0.00
1500	0.00	0.00	0.00	____	0.04
1400	0.00	0.00	0.00	____	0.00
1300	0.00	0.04	0.00	____	0.00
1200	0.04	0.31	0.00	____	0.87
1100	0.47	0.00	1.10	____	0.00
1000	0.00	0.00	0.00	____	0.00
0900	0.00	0.00	0.00	____	0.00
0800	0.00	0.00	0.00	____	0.00
0700	0.00	0.00	0.00	____	0.00
0600	0.00	0.00	0.00	____	0.00
0500	0.00	0.00	0.00	____	0.00
0400	0.00	0.00	0.00	____	0.00
0300	0.00	0.00	0.00	____	0.00
0200	0.00	0.00	0.00	____	0.00
0100	0.00	0.00	0.00	____	0.00
10/05/93					
2400	0.00	0.00	0.04	____	0.00
2300	0.00	0.00	0.00	____	0.00
2200	0.00	0.00	0.00	____	0.00
2100	0.00	0.00	0.00	____	0.00
2000	0.00	0.00	0.00	____	0.00
1900	0.00	0.00	0.00	____	0.00
1800	0.00	0.00	0.00	____	0.00
1700	0.00	0.00	0.00	____	0.00
1600	0.00	0.00	0.00	____	0.00
1500	0.00	0.00	0.00	____	0.00
1400	0.00	0.00	0.00	0.00	0.00
1300	0.00	0.00	0.00	0.00	0.00
TOTALS:	0.63	0.35	1.14	0.04	1.61

Gauge Names:

5200	Buckeye FRS #1	5205	Buckeye FRS #2
5210	Hassayampa Landfill	5215	Jackrabbit Wash
5220	Morristown		

Maricopa County ALERT System

Group Name	Date	Time
Precip 4 : Middle Hassayampa	10/26/93	13:31:37

DeviceID	5230	5245	5260	5275	5290	5305
StatType	dif	dif	dif	dif	dif	dif
DataType	precip	precip	precip	precip	precip	precip
Units	in	in	in	in	in	in
10/07/93						
1200	0.00	0.00	0.00	0.00	0.00	0.00
1100	0.00	0.00	0.00	0.00	0.00	0.00
1000	0.00	0.00	0.00	0.00	0.00	0.00
0900	0.00	0.00	0.00	0.00	0.00	0.00
0800	0.00	0.00	0.00	0.00	0.00	0.00
0700	0.00	0.00	0.00	0.00	0.00	0.00
0600	0.00	0.00	0.00	0.00	0.00	0.00
0500	0.00	0.00	0.00	0.00	0.00	0.00
0400	0.00	0.00	0.00	0.00	0.00	0.00
0300	0.00	0.00	0.00	0.00	0.00	0.00
0200	0.00	0.00	0.00	0.00	0.00	0.00
0100	0.00	0.00	0.00	0.04	0.00	0.00
10/06/93						
2400	0.00	0.00	0.00	0.00	0.04	0.00
2300	0.00	0.04	0.12	0.00	0.08	0.35
2200	0.00	0.08	0.00	0.08	0.35	0.04
2100	0.00	0.04	0.00	0.00	0.00	0.00
2000	0.00	0.00	0.00	0.00	0.00	0.00
1900	0.00	0.00	0.00	0.00	0.00	0.00
1800	0.00	0.00	0.08	0.00	0.00	0.00
1700	0.00	0.00	0.00	0.00	0.00	0.00
1600	0.00	0.00	0.00	0.00	0.00	0.00
1500	0.00	0.00	0.00	0.00	0.00	0.24
1400	0.00	0.00	0.00	0.00	0.00	0.00
1300	0.00	0.04	0.00	0.16	0.04	0.00
1200	0.08	0.75	1.18	0.71	0.39	0.28
1100	0.00	0.00	0.00	0.00	0.00	0.00
1000	0.00	0.00	0.00	0.00	0.00	0.00
0900	0.00	0.00	0.00	0.00	0.00	0.00
0800	0.00	0.00	0.00	0.00	0.00	0.00
0700	0.00	0.00	0.00	0.00	0.00	0.00
0600	0.00	0.00	0.00	0.00	0.00	0.00
0500	0.00	0.00	0.00	0.00	0.00	0.00
0400	0.00	0.00	0.00	0.00	0.00	0.00
0300	0.00	0.00	0.00	0.00	0.00	0.00
0200	0.00	0.00	0.00	0.00	0.00	0.00
0100	0.00	0.00	0.00	0.00	0.00	0.00
10/05/93						
2400	0.00	0.00	0.00	0.00	0.00	0.00
2300	0.00	0.00	0.00	0.00	0.00	0.00
2200	0.00	0.00	0.00	0.00	0.00	0.00
2100	0.00	0.00	0.00	0.00	0.00	0.00
2000	0.00	0.00	0.00	0.00	0.00	0.00
1900	0.00	0.00	0.00	0.00	0.00	0.00
1800	0.00	0.00	0.00	0.00	0.00	0.00
1700	0.00	0.00	0.00	0.00	0.00	0.00
1600	0.00	0.00	0.00	0.00	0.00	0.00
1500	0.00	0.00	0.00	0.00	0.00	0.00
1400	0.00	0.00	0.00	0.00	0.00	0.00
1300	0.00	0.00	0.00	0.00	0.00	0.00
TOTALS:	0.08	0.94	1.38	0.98	0.91	0.91

Gauge Names:				
	5230	Sunset FRS	5245	Sunnycove FRS
	5260	Vulture Mine	5275	Sols Wash
	5290	Yarnell Hill	5305	Box Canyon

Maricopa County ALERT System

Group Name	Date	Time
Precip 5 : Upper Hassayampa	10/26/93	13:31:41

DeviceID	5320	5335	5340	5350	5365	5380
StatType	dif	dif	dif	dif	dif	dif
DataType	precip	precip	precip	precip	precip	precip
Units	in	in	in	in	in	in
10/07/93						
1200	0.00	0.00	0.00	0.00	0.00	0.00
1100	0.00	0.00	0.00	0.00	0.00	0.00
1000	0.00	0.00	0.00	0.00	0.00	0.00
0900	0.00	0.00	0.00	0.00	0.00	0.00
0800	0.00	0.00	0.00	0.00	0.00	0.00
0700	0.04	0.00	0.00	0.00	0.00	0.00
0600	0.00	0.00	0.00	0.00	0.00	0.00
0500	0.00	0.00	0.00	0.00	0.00	0.00
0400	0.00	0.00	0.00	0.00	0.00	0.00
0300	0.00	0.00	0.04	0.00	0.00	0.00
0200	0.00	0.00	0.00	0.00	0.00	0.00
0100	0.00	0.00	0.00	0.00	0.00	0.00
10/06/93						
2400	0.55	0.00	0.04	0.08	0.00	0.04
2300	0.00	0.39	0.35	0.04	0.12	0.04
2200	0.00	0.12	0.00	0.00	0.12	0.20
2100	0.00	0.00	0.00	0.00	0.00	0.00
2000	0.00	0.00	0.00	0.00	0.00	0.00
1900	0.00	0.00	0.00	0.00	0.00	0.00
1800	0.00	0.00	0.00	0.00	0.00	0.00
1700	0.00	0.00	0.00	0.00	0.00	0.00
1600	0.00	0.00	0.00	0.00	0.00	0.04
1500	0.12	0.08	0.08	0.04	0.00	0.08
1400	0.00	0.12	0.24	0.00	0.08	0.12
1300	0.24	0.31	0.12	0.08	0.24	0.55
1200	0.00	0.00	0.00	0.31	0.24	0.00
1100	0.00	0.00	0.00	0.00	0.00	0.04
1000	0.00	0.00	0.04	0.00	0.00	0.00
0900	0.00	0.00	0.04	0.00	0.00	0.08
0800	0.00	0.35	0.12	0.00	0.00	0.59
0700	0.00	0.00	0.08	0.00	0.00	0.04
0600	0.00	0.00	0.00	0.00	0.00	0.00
0500	0.00	0.00	0.00	0.00	0.00	0.00
0400	0.00	0.00	0.00	0.00	0.00	0.00
0300	0.00	0.00	0.00	0.00	0.00	0.00
0200	0.00	0.00	0.00	0.00	0.00	0.00
0100	0.00	0.00	0.00	0.00	0.00	0.00
10/05/93						
2400	0.00	0.04	0.04	0.00	0.00	0.04
2300	0.00	0.04	0.00	0.00	0.00	0.24
2200	0.00	0.00	0.00	0.00	0.00	0.00
2100	0.00	0.00	0.00	0.00	0.00	0.00
2000	0.00	0.00	0.00	0.00	0.00	0.00
1900	0.00	0.00	0.00	0.00	0.00	0.00
1800	0.00	0.00	0.00	0.00	0.00	0.00
1700	0.00	0.00	0.00	0.00	0.00	0.00
1600	0.00	0.00	0.00	0.00	0.00	0.00
1500	0.00	0.00	0.00	0.00	0.00	0.00
1400	0.00	0.00	0.00	0.00	0.00	0.00
1300	0.00	0.00	0.00	0.00	0.00	0.00
TOTALS:	0.94	1.46	1.18	0.55	0.79	2.09

Gauge Names:				
	5320	O'Brien	5335	Minnehaha
	5340	Towers Mtn.	5350	Hassy Bridge
	5365	Wilhoit	5380	Mt. Union

Maricopa County ALERT System

Group Name: Precip 6 : McMicken [AF1] Date: 10/26/93 Time: 13:31:44

DeviceID	5400	5415	5430	5435	5445	5450
StatType	dif	dif	dif	dif	dif	dif
DataType	precip	precip	precip	precip	precip	precip
Units	in	in	in	in	in	in
10/07/93						
1200	0.00	0.00	0.00	0.00	0.00	0.00
1100	0.00	0.00	0.00	0.00	0.00	0.00
1000	0.00	0.00	0.00	0.00	0.00	0.00
0900	0.00	0.00	0.00	0.00	0.00	0.00
0800	0.00	0.00	0.00	0.00	0.00	0.00
0700	0.00	0.00	0.08	0.00	0.00	0.00
0600	0.00	0.00	0.00	0.00	0.00	0.00
0500	0.00	0.00	0.00	0.00	0.00	0.00
0400	0.00	0.00	0.00	0.00	0.00	0.00
0300	0.00	0.00	0.00	0.00	0.00	0.00
0200	0.04	0.00	0.00	0.00	0.00	0.00
0100	0.04	0.12	0.00	0.00	0.00	0.00
10/06/93						
2400	0.00	0.00	0.00	0.00	0.00	0.00
2300	0.00	0.00	0.00	0.00	0.00	0.00
2200	0.00	0.00	0.00	0.08	0.04	0.04
2100	0.00	0.00	0.00	0.00	0.04	0.16
2000	0.00	0.00	0.00	0.00	0.00	0.00
1900	0.00	0.00	0.00	0.00	0.00	0.00
1800	0.00	0.00	0.00	0.00	0.00	0.00
1700	0.00	0.00	0.00	0.00	0.00	0.00
1600	0.00	0.00	0.00	0.00	0.00	0.00
1500	0.00	0.00	0.00	0.04	0.00	0.00
1400	0.00	0.00	0.00	0.00	0.00	0.04
1300	0.00	0.12	0.00	0.20	0.20	0.04
1200	0.08	0.79	0.87	0.31	0.24	0.63
1100	0.00	0.00	0.00	0.00	0.00	0.00
1000	0.00	0.00	0.00	0.00	0.00	0.00
0900	0.00	0.00	0.00	0.00	0.00	0.00
0800	0.00	0.00	0.00	0.00	0.00	0.00
0700	0.00	0.00	0.00	0.00	0.00	0.00
0600	0.00	0.00	0.00	0.00	0.00	0.00
0500	0.00	0.00	0.00	0.00	0.00	0.00
0400	0.00	0.00	0.00	0.00	0.00	0.00
0300	0.00	0.00	0.00	0.00	0.00	0.00
0200	0.00	0.00	0.00	0.00	0.00	0.00
0100	0.00	0.00	0.00	0.00	0.00	0.00
10/05/93						
2400	0.00	0.00	0.00	0.00	0.00	0.00
2300	0.00	0.00	0.00	0.00	0.00	0.00
2200	0.00	0.00	0.00	0.00	0.00	0.04
2100	0.00	0.00	0.00	0.00	0.00	0.00
2000	0.00	0.00	0.00	0.00	0.00	0.00
1900	0.00	0.00	0.00	0.00	0.00	0.00
1800	0.00	0.00	0.00	0.00	0.00	0.00
1700	0.00	0.00	0.00	0.00	0.00	0.00
1600	0.00	0.00	0.00	0.00	0.00	0.00
1500	0.00	0.00	0.00	0.00	0.00	0.00
1400	0.00	0.00	0.00	0.00	0.00	0.00
1300	0.00	0.00	0.00	0.00	0.00	0.00
TOTALS:	0.16	1.02	0.94	0.63	0.51	0.94

Gauge Names:

5400	Agua Fria @ Buckeye	5415	White Tanks 3
5430	White Tanks E. Peak	5435	McMicken Floodway
5445	McMicken Dam	5450	Patton Road

Maricopa County ALERT System

Group Name Date Time

Precip 7 : Circle City [AF2] 10/26/93 13:31:47

DeviceID	5455	5460	5465	5475	5490	5505	5510	5520
StatType	dif	dif	dif	dif	dif	dif	dif	dif
DataType	precip	precip	precip	precip	precip	precip	precip	precip
Units	in	in	in	in	in	in	in	in
10/07/93								
1200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1100	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00
1000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0900	0.00	0.00	0.00	0.00	0.00	0.16	0.00	0.00
0800	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.04
0700	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0400	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0300	0.00	0.00	0.00	0.00	0.00	0.04	0.16	0.16
0200	0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.20
0100	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.00
10/06/93								
2400	0.00	0.00	0.00	0.04	0.16	0.00	0.00	0.00
2300	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00
2200	0.24	0.43	0.00	0.04	0.20	0.00	0.00	0.00
2100	0.20	0.12	0.00	0.51	0.20	0.00	0.00	0.00
2000	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00
1900	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1800	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1700	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1600	0.00	0.00	0.00	0.04	0.00	0.00	0.04	0.00
1500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1400	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1300	0.08	0.08	0.00	0.00	0.00	0.24	0.55	0.55
1200	0.24	0.20	0.24	0.75	0.43	0.20	0.71	0.00
1100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1000	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00
0900	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0800	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0700	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00
0600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0500	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00
0400	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0300	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/05/93								
2400	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2300	0.04	0.00	0.00	0.00	0.08	0.00	0.00	0.00
2200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1900	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1800	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1700	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1400	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1300	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTALS:	0.79	0.83	0.24	1.50	1.10	0.91	1.69	0.94

Gauge Names:				
	5455	Wittmann	5460	Chrysler Proving Grounds
	5465	NW Regional Landfill	5475	Circle City
	5490	Castle Hot Springs	5505	New River @ Glendale
	5510	Dysart @ Bell Rd.	5520	ACDC @ 67th Ave.

Maricopa County ALERT System

Group Name Date Time

Precip 8 : Adobe/New River [AF3] 10/26/93 13:31:50

DeviceID	5535	5550	5565	5580	5610	5625	5630
StatType	dif	dif	dif	dif	dif	dif	dif
DataType	precip	precip	precip	precip	precip	precip	precip
Units	in	in	in	in	in	in	in
10/07/93							
1200	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1100	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1000	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0900	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0800	0.24	0.00	0.04	0.00	0.00	0.00	0.00
0700	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0600	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0500	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0400	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0300	0.20	0.12	0.00	0.00	0.00	0.00	0.00
0200	0.08	0.12	0.28	0.00	0.00	0.00	0.00
0100	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/06/93							
2400	0.00	0.00	0.00	0.00	0.00	0.08	0.00
2300	0.00	0.00	0.00	0.16	0.00	0.00	0.00
2200	0.00	0.00	0.00	0.12	0.00	0.16	0.04
2100	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000	0.00	0.04	0.00	0.00	0.00	0.00	0.00
1900	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1800	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1700	0.00	0.04	0.08	0.00	0.04	0.00	0.00
1600	0.00	0.00	0.04	0.00	0.08	0.00	0.00
1500	0.00	0.00	0.00	0.00	0.04	0.00	0.00
1400	0.20	0.16	0.20	0.20	0.00	0.00	0.08
1300	0.24	0.39	0.28	0.75	1.77	0.16	1.02
1200	0.08	0.12	0.00	0.00	0.00	0.00	0.00
1100	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1000	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0900	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0800	0.00	0.04	0.00	0.04	0.00	0.00	0.00
0700	0.00	0.04	0.00	0.00	0.00	0.00	0.04
0600	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0500	0.00	0.04	0.00	0.00	0.00	0.00	0.00
0400	0.04	0.00	0.04	0.00	0.00	0.00	0.00
0300	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0200	0.00	0.08	0.00	0.00	0.00	0.00	0.00
0100	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/05/93							
2400	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2300	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2200	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2100	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1900	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1800	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1700	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1600	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1500	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1400	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1300	0.00	0.00	0.00	0.00	0.00	0.20	0.00
TOTALS:	1.06	1.18	0.94	1.26	1.93	0.59	1.18

Gauge Names:

5535	Adobe Dam	5550	Deer Valley Airport
5565	Skunk Creek @ I-17	5580	Upper Skunk Creek
5610	New River Dam	5625	Sunup Ranch
5630	New River Landfill		

Maricopa County ALERT System

Group Name Date Time

Precip 9 : Lake Pleasant [AF4] 10/26/93 13:31:53

DeviceID	5640	5650	5670	5685	5700	5715	5730
StatType	dif	dif	dif	dif	dif	dif	dif
DataType	precip	precip	precip	precip	precip	precip	precip
Units	in	in	in	in	in	in	in
10/07/93							
1200	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1100	0.00	0.00	0.00	0.00	0.00	0.04	0.00
1000	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0900	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0800	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0700	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0600	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0500	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0400	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0300	0.00	0.00	0.00	0.00	0.00	0.00	0.04
0200	0.00	0.00	0.00	0.00	0.12	0.00	0.12
0100	0.20	0.00	0.00	0.00	0.08	0.04	0.00
10/06/93							
2400	0.51	0.00	0.28	0.20	0.08	0.04	0.20
2300	0.04	0.04	0.08	0.00	0.04	0.20	0.04
2200	0.04	0.31	0.16	0.16	0.20	0.12	0.67
2100	0.00	0.00	0.20	0.00	0.00	0.00	0.00
2000	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1900	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1800	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1700	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1600	0.04	0.00	0.08	0.04	0.00	0.00	0.04
1500	0.28	0.00	0.00	0.00	0.04	0.08	0.04
1400	0.16	0.00	0.12	0.08	0.16	0.24	0.08
1300	0.39	0.47	0.43	0.24	0.43	0.20	0.35
1200	0.00	0.04	0.04	0.00	0.00	0.00	0.00
1100	0.04	0.00	0.00	0.00	0.00	0.00	0.00
1000	0.00	0.00	0.00	0.00	0.04	0.00	0.00
0900	0.16	0.00	0.00	0.00	0.00	0.00	0.00
0800	0.00	0.00	0.00	0.00	0.00	0.12	0.31
0700	0.00	0.00	0.04	0.12	0.04	0.08	0.00
0600	0.00	0.00	0.00	0.00	0.08	0.00	0.00
0500	0.04	0.00	0.00	0.00	0.00	0.00	0.00
0400	0.04	0.00	0.04	0.00	0.00	0.00	0.00
0300	0.20	0.00	0.00	0.00	0.00	0.00	0.00
0200	0.00	0.00	0.00	0.00	0.04	0.00	0.04
0100	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/05/93							
2400	0.00	0.00	0.00	0.00	0.08	0.12	0.08
2300	0.00	0.00	0.00	0.08	0.04	0.08	0.00
2200	0.00	0.00	0.00	0.04	0.24	0.00	0.00
2100	0.00	0.00	0.00	0.04	0.00	0.00	0.08
2000	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1900	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1800	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1700	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1600	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1500	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1400	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1300	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTALS:	2.13	0.87	1.46	0.98	1.69	1.34	2.09

Gauge Names:

5640	Cooks Mesa	5650	Lake Pleasant
5670	Garfias Mtn.	5685	Columbia Hill
5700	Horsethief Basin	5715	Crown King
5730	Sunset Point		

Maricopa County ALERT System

Group Name	Date	Time
Precip 10 : Upper Agua Fria [AF5]	10/26/93	13:31:57

DeviceID	5745	5760	5775	5790	5805	5820
StatType	dif	dif	dif	dif	dif	dif
DataType	precip	precip	precip	precip	precip	precip
Units	in	in	in	in	in	in
10/07/93						
1200	0.00	0.00	0.00	0.00	0.08	0.00
1100	0.00	0.00	0.00	0.00	0.04	0.00
1000	0.00	0.00	0.00	0.00	0.04	0.00
0900	0.00	0.00	0.00	0.00	0.04	0.00
0800	0.00	0.00	0.00	0.00	0.00	0.00
0700	0.00	0.00	0.00	0.00	0.04	0.00
0600	0.00	0.00	0.00	0.00	0.00	0.00
0500	0.08	0.00	0.00	0.00	0.04	0.00
0400	0.00	0.00	0.00	0.00	0.00	0.00
0300	0.16	0.00	0.00	0.00	0.08	0.00
0200	0.00	0.04	0.00	0.00	0.00	0.00
0100	0.00	0.04	0.00	0.00	0.04	0.00
10/06/93						
2400	0.35	0.16	0.04	0.00	0.04	0.04
2300	0.00	0.04	0.04	0.04	0.00	0.16
2200	0.31	0.00	0.00	0.00	0.00	0.00
2100	0.00	0.00	0.00	0.00	0.04	0.00
2000	0.00	0.00	0.00	0.00	0.04	0.00
1900	0.00	0.00	0.00	0.00	0.04	0.00
1800	0.00	0.00	0.00	0.00	0.00	0.00
1700	0.00	0.00	0.00	0.00	0.00	0.00
1600	0.12	0.24	0.08	0.08	0.04	0.16
1500	0.43	0.28	0.04	0.12	0.04	0.00
1400	0.00	0.39	0.16	0.75	0.00	0.08
1300	0.24	0.00	0.04	0.04	0.04	0.16
1200	0.00	0.00	0.00	0.00	0.00	0.00
1100	0.00	0.00	0.16	0.04	0.00	0.00
1000	0.00	0.04	0.31	0.00	0.00	0.00
0900	0.00	0.00	0.08	0.16	0.00	0.20
0800	0.00	0.08	0.08	0.08	0.00	0.04
0700	0.00	0.00	0.00	0.00	0.00	0.04
0600	0.00	0.00	0.12	0.08	0.00	0.00
0500	0.12	0.04	0.00	0.12	0.00	0.00
0400	0.04	0.24	0.00	0.20	0.04	0.00
0300	0.00	0.00	0.00	0.00	0.00	0.00
0200	0.00	0.00	0.00	0.04	0.00	0.00
0100	0.00	0.00	0.04	0.08	0.00	0.04
10/05/93						
2400	0.00	0.00	0.00	0.04	0.00	0.12
2300	0.00	0.00	0.08	0.00	0.00	0.04
2200	0.00	0.00	0.20	0.08	0.00	0.00
2100	0.00	0.00	0.00	0.00	0.00	0.00
2000	0.00	0.00	0.00	0.00	0.00	0.00
1900	0.00	0.00	0.00	0.00	0.00	0.00
1800	0.00	0.00	0.00	0.00	0.00	0.00
1700	0.00	0.00	0.00	0.00	0.00	0.00
1600	0.00	0.00	0.00	0.00	0.00	0.00
1500	0.00	0.00	0.00	0.00	0.00	0.00
1400	0.00	0.00	0.00	0.00	0.00	0.00
1300	0.00	0.00	0.00	0.00	0.00	0.00
TOTALS:	1.85	1.57	1.46	1.93	0.71	1.06

Gauge Names:				
	5745	Horseshoe Ranch	5760	Horner Mtn. Ranch
	5775	Arizona Hunt Club	5790	I-17 @ St. Rt. 169
	5820	Prescott Valley	5805	Dewey

Maricopa County ALERT System

Group Name Date Time

Precip 11 : Lower Verde River 10/26/93 13:32:00

DeviceID	5900	5915	5930	5945	5960
StatType	dif	dif	dif	dif	dif
DataType	precip	precip	precip	precip	precip
Units	in	in	in	in	in
10/07/93					
1200	0.00	0.00	0.00	0.00	0.00
1100	0.04	0.08	0.00	0.00	0.00
1000	0.00	0.12	0.04	0.00	0.00
0900	0.20	0.08	0.16	0.00	0.00
0800	0.04	0.35	0.00	0.00	0.00
0700	0.00	0.00	0.00	0.00	0.00
0600	0.00	0.00	0.00	0.00	0.00
0500	0.00	0.00	0.00	0.00	0.00
0400	0.00	0.04	0.04	0.00	0.04
0300	0.00	0.00	0.35	0.00	0.16
0200	0.00	0.00	0.04	0.00	0.28
0100	0.00	0.00	0.00	0.00	0.00
10/06/93					
2400	0.00	0.00	0.00	0.00	0.04
2300	0.04	0.04	0.00	0.00	0.00
2200	0.00	0.04	0.00	0.00	0.04
2100	0.00	0.00	0.00	0.00	0.00
2000	0.00	0.00	0.00	0.00	0.00
1900	0.00	0.00	0.00	0.00	0.00
1800	0.00	0.00	0.00	0.00	0.04
1700	0.00	0.00	0.00	0.00	0.00
1600	0.00	0.00	0.04	0.04	0.12
1500	0.08	0.28	0.35	0.12	0.63
1400	0.43	0.63	0.71	0.91	0.24
1300	0.00	0.00	0.51	0.16	0.04
1200	0.00	0.00	0.00	0.00	0.00
1100	0.00	0.00	0.00	0.00	0.00
1000	0.00	0.00	0.00	0.00	0.08
0900	0.00	0.00	0.00	0.00	0.08
0800	0.00	0.00	0.00	0.04	0.00
0700	0.00	0.04	0.04	0.00	0.00
0600	0.00	0.00	0.00	0.04	0.00
0500	0.04	0.00	0.00	0.00	0.00
0400	0.00	0.00	0.04	0.00	0.00
0300	0.00	0.00	0.31	0.00	0.00
0200	0.00	0.08	0.12	0.00	0.00
0100	0.00	0.00	0.00	0.00	0.00
10/05/93					
2400	0.00	0.00	0.00	0.00	0.00
2300	0.00	0.00	0.00	0.00	0.00
2200	0.00	0.00	0.00	0.00	0.00
2100	0.00	0.00	0.00	0.00	0.00
2000	0.00	0.00	0.00	0.00	0.00
1900	0.00	0.00	0.00	0.00	0.00
1800	0.00	0.00	0.00	0.00	0.00
1700	0.00	0.00	0.00	0.00	0.00
1600	0.00	0.00	0.00	0.00	0.00
1500	0.00	0.00	0.00	0.00	0.00
1400	0.00	0.00	0.00	0.00	0.00
1300	0.00	0.00	0.00	0.00	0.00
TOTALS:	0.87	1.77	2.76	1.30	1.77

Gauge Names:

5900	Asher Hills	5915	McDowell Mtn. Park
5930	Fraesfield Mtn.	5945	Thompson Peak
5960	Mt. Ord		

Maricopa County ALERT System

Group Name	Date	Time
Precip 12 : Salt R. South [CCS1]	10/26/93	13:32:02

DeviceID	4500	4510	4530	4540	4550	4560
StatType	dif	dif	dif	dif	dif	dif
DataType	precip	precip	precip	precip	precip	precip
Units	in	in	in	in	in	in
10/07/93						
1200	0.00	0.00	0.00	0.00	0.00	0.00
1100	0.00	0.00	0.00	0.00	0.00	0.00
1000	0.00	0.00	0.00	0.00	0.00	0.00
0900	0.00	0.00	0.00	0.00	0.00	0.00
0800	0.00	0.00	0.00	0.00	0.00	0.00
0700	0.00	0.00	0.00	0.00	0.00	0.00
0600	0.00	0.00	0.00	0.00	0.00	0.00
0500	0.00	0.00	0.00	0.00	0.00	0.00
0400	0.00	0.00	0.00	0.00	0.00	0.00
0300	0.00	0.00	0.00	0.00	0.00	0.00
0200	0.00	0.00	0.00	0.00	0.00	0.00
0100	0.00	0.00	0.00	0.00	0.00	0.00
10/06/93						
2400	0.00	0.00	0.00	0.00	0.00	0.00
2300	0.00	0.00	0.00	0.00	0.00	0.00
2200	0.00	0.00	0.00	0.00	0.04	0.00
2100	0.00	0.00	0.00	0.00	0.00	0.00
2000	0.00	0.00	0.00	0.00	0.00	0.00
1900	0.00	0.00	0.00	0.00	0.04	0.00
1800	0.00	0.00	0.00	0.00	0.00	0.00
1700	0.08	0.00	0.00	0.00	0.00	0.00
1600	0.00	0.00	0.00	0.00	0.00	0.00
1500	0.00	0.00	0.00	0.00	0.00	0.00
1400	0.20	0.67	0.16	0.08	0.00	0.00
1300	0.24	0.35	0.43	0.55	0.20	0.00
1200	0.24	0.20	0.00	0.00	0.04	0.00
1100	0.00	0.00	0.00	0.00	0.00	0.00
1000	0.00	0.00	0.00	0.00	0.00	0.00
0900	0.00	0.00	0.00	0.00	0.00	0.00
0800	0.00	0.00	0.00	0.00	0.00	0.00
0700	0.00	0.00	0.00	0.00	0.00	0.00
0600	0.00	0.00	0.00	0.00	0.00	0.00
0500	0.00	0.00	0.00	0.00	0.00	0.04
0400	0.16	0.00	0.00	0.00	0.00	0.00
0300	0.00	0.00	0.00	0.00	0.00	0.00
0200	0.00	0.00	0.00	0.00	0.00	0.00
0100	0.00	0.00	0.00	0.00	0.00	0.00
10/05/93						
2400	0.00	0.00	0.00	0.00	0.00	0.00
2300	0.00	0.00	0.00	0.00	0.00	0.00
2200	0.00	0.00	0.00	0.00	0.00	0.00
2100	0.00	0.00	0.00	0.00	0.00	0.00
2000	0.00	0.00	0.00	0.00	0.00	0.00
1900	0.00	0.00	0.00	0.00	0.00	0.00
1800	0.00	0.00	0.00	0.00	0.00	0.00
1700	0.00	0.00	0.00	0.00	0.00	0.00
1600	0.00	0.00	0.00	0.00	0.00	0.00
1500	0.00	0.00	0.00	0.00	0.00	0.00
1400	0.00	0.00	0.00	0.00	0.00	0.00
1300	0.00	0.00	0.00	0.00	0.00	0.00
TOTALS:	0.91	1.22	0.59	0.63	0.31	0.04

Gauge Names:				
	4500	Alvord Park	4510	Roeser @ 2nd St.
	4530	Kleinman Park	4540	Fitch Park
	4550	Mountain View Park	4560	Spookhill FRS

Maricopa County ALERT System

Group Name | Date | Time

Precip 13 : Indian Bend Wash [CCS2] | 10/26/93 | 13:32:06

DeviceID	4600	4610	4620	4630	4640	4650	4660	4670
StatType	dif	dif	dif	dif	dif	dif	dif	dif
DataType	precip	precip	precip	precip	precip	precip	precip	precip
Units	in	in	in	in	in	in	in	in
10/07/93								
1200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1100	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00
1000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0900	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08
0800	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.24
0700	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0500	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00
0400	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0300	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.16
0200	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.39
0100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/06/93								
2400	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2300	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2200	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.00
2100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1900	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1800	0.00	0.00	0.04	0.00	0.04	0.00	0.00	0.00
1700	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00
1600	0.00	0.00	0.24	0.00	0.00	0.00	0.00	0.00
1500	0.08	0.04	0.31	0.12	0.00	0.08	0.04	0.28
1400	0.31	0.47	0.39	0.51	1.42	1.89	0.83	0.94
1300	0.47	0.35	0.20	0.39	0.87	0.28	0.35	0.71
1200	0.00	0.51	0.51	0.63	0.12	0.08	0.00	0.12
1100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0900	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0800	0.00	0.00	0.00	0.00	0.04	0.00	0.04	0.00
0700	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0400	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0300	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.12
0200	0.00	0.04	0.04	0.04	0.00	0.00	0.00	0.12
0100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/05/93								
2400	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2300	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1900	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1800	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1700	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1400	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1300	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTALS:	0.87	1.42	1.93	1.73	2.52	2.48	1.42	3.15

Gauge Names:

4600	IBW @ McKellips	4610	IBW @ Indian Bend Rd.
4620	IBW @ Interceptor	4630	Thunderbird Academy
4640	IBW @ Sweetwater	4650	Paradise Valley Park
4660	Lost Dog Wash	4670	Pima @ Jomax Rd.

Maricopa County ALERT System

Group Name	Date	Time
Precip 14 : Phx Metro 1 [CCS3]	10/26/93	13:32:09

DeviceID	4700	4710	4720	4730	4740
StatType	dif	dif	dif	dif	dif
DataType	precip	precip	precip	precip	precip
Units	in	in	in	in	in
10/07/93					
1200	0.00	0.00	0.00	0.00	0.00
1100	0.00	0.00	0.00	0.00	0.00
1000	0.00	0.00	0.00	0.00	0.00
0900	0.00	0.00	0.00	0.00	0.00
0800	0.00	0.00	0.00	0.00	0.00
0700	0.00	0.00	0.00	0.00	0.00
0600	0.00	0.00	0.00	0.00	0.00
0500	0.00	0.00	0.00	0.00	0.00
0400	0.00	0.00	0.00	0.00	0.00
0300	0.00	0.00	0.00	0.00	0.00
0200	0.00	0.00	0.00	0.00	0.00
0100	0.00	0.00	0.00	0.00	0.00
10/06/93					
2400	0.00	0.00	0.00	0.00	0.00
2300	0.00	0.00	0.00	0.00	0.00
2200	0.00	0.00	0.00	0.00	0.00
2100	0.00	0.00	0.00	0.00	0.00
2000	0.00	0.00	0.00	0.00	0.00
1900	0.00	0.00	0.00	0.00	0.00
1800	0.00	0.00	0.00	0.00	0.00
1700	0.00	0.00	0.00	0.00	0.00
1600	0.00	0.00	0.00	0.00	0.00
1500	0.00	0.00	0.04	0.04	0.12
1400	0.51	0.63	0.87	0.51	0.20
1300	0.08	0.79	0.43	0.39	0.20
1200	0.24	0.24	0.43	0.31	0.04
1100	0.00	0.00	0.00	0.00	0.00
1000	0.00	0.00	0.00	0.00	0.00
0900	0.00	0.00	0.00	0.00	0.00
0800	0.00	0.00	0.00	0.00	0.00
0700	0.00	0.00	0.00	0.00	0.00
0600	0.00	0.00	0.00	0.00	0.00
0500	0.00	0.00	0.00	0.00	0.00
0400	0.08	0.00	0.00	0.00	0.00
0300	0.00	0.00	0.00	0.00	0.00
0200	0.08	0.00	0.04	0.00	0.00
0100	0.00	0.00	0.00	0.00	0.00
10/05/93					
2400	0.00	0.00	0.00	0.00	0.00
2300	0.00	0.00	0.00	0.00	0.00
2200	0.00	0.00	0.00	0.00	0.00
2100	0.00	0.00	0.00	0.00	0.00
2000	0.00	0.00	0.00	0.00	0.00
1900	0.00	0.00	0.00	0.00	0.00
1800	0.00	0.00	0.00	0.00	0.00
1700	0.00	0.00	0.00	0.00	0.00
1600	0.00	0.00	0.00	0.00	0.00
1500	0.00	0.00	0.00	0.00	0.00
1400	0.00	0.00	0.00	0.00	0.00
1300	0.00	0.00	0.00	0.00	0.00
TOTALS:	0.98	1.65	1.81	1.26	0.55

Gauge Names:

4700	Durango Complex	4710	Phoenix Muni. Bldg.
4720	Thomas @ 16th St.	4730	Perry Park
4740	Papago Park		

Maricopa County ALERT System

Group Name	Date	Time
Precip 15 : Phx Metro 2 [CCS4]	10/26/93	13:32:12

DeviceID	4750	4760	4770	4780	4790
StatType	dif	dif	dif	dif	dif
DataType	precip	precip	precip	precip	precip
Units	in	in	in	in	in
10/07/93					
1200	0.00	0.00	0.00	0.00	0.00
1100	0.00	0.00	0.00	0.00	0.00
1000	0.00	0.00	0.00	0.00	0.00
0900	0.04	0.00	0.24	0.00	0.00
0800	0.00	0.00	0.00	0.00	0.00
0700	0.00	0.04	0.00	0.00	0.00
0600	0.00	0.00	0.00	0.00	0.00
0500	0.00	0.00	0.00	0.00	0.00
0400	0.00	0.00	0.00	0.00	0.00
0300	0.00	0.00	0.04	0.00	0.00
0200	0.00	0.04	0.00	0.00	0.00
0100	0.00	0.00	0.00	0.00	0.00
10/06/93					
2400	0.00	0.00	0.00	0.00	0.00
2300	0.00	0.00	0.00	0.00	0.00
2200	0.00	0.00	0.00	0.00	0.00
2100	0.00	0.00	0.00	0.00	0.00
2000	0.00	0.00	0.00	0.00	0.00
1900	0.00	0.00	0.00	0.00	0.00
1800	0.00	0.00	0.00	0.00	0.00
1700	0.00	0.00	0.00	0.00	0.00
1600	0.00	0.00	0.00	0.00	0.00
1500	0.04	0.00	0.00	0.04	0.04
1400	0.28	0.00	0.00	1.18	0.55
1300	0.39	0.16	0.31	0.67	0.43
1200	0.47	0.04	0.04	0.51	0.98
1100	0.00	0.00	0.00	0.00	0.00
1000	0.00	0.00	0.00	0.00	0.00
0900	0.00	0.00	0.00	0.00	0.00
0800	0.00	0.00	0.00	0.00	0.00
0700	0.00	0.00	0.00	0.00	0.04
0600	0.00	0.00	0.00	0.00	0.00
0500	0.00	0.04	0.00	0.00	0.00
0400	0.00	0.00	0.04	0.00	0.00
0300	0.00	0.04	0.00	0.00	0.00
0200	0.00	0.04	0.00	0.00	0.16
0100	0.00	0.00	0.00	0.00	0.00
10/05/93					
2400	0.00	0.00	0.00	0.00	0.00
2300	0.00	0.00	0.00	0.00	0.00
2200	0.00	0.00	0.00	0.00	0.00
2100	0.00	0.00	0.00	0.00	0.00
2000	0.00	0.00	0.00	0.00	0.00
1900	0.00	0.00	0.00	0.00	0.00
1800	0.00	0.00	0.00	0.00	0.00
1700	0.00	0.00	0.00	0.00	0.00
1600	0.00	0.00	0.00	0.00	0.00
1500	0.00	0.00	0.00	0.00	0.00
1400	0.00	0.00	0.00	0.00	0.00
1300	0.00	0.00	0.00	0.00	0.00
TOTALS:	1.22	0.39	0.67	2.40	2.20

Gauge Names:

4750	Thomas @ 48th St.	4760	Maryvale Muni Golf
4770	City of Glendale	4780	Missouri @ 16th St.
4790	Paradise Valley CC		

Maricopa County ALERT System

Group Name	Date	Time
Precip 16 : ACDC [CCS5]	10/26/93	13:32:14

DeviceID	4800	4820	4830	4840
StatType	dif	dif	dif	dif
DataType	precip	precip	precip	precip
Units	in	in	in	in
10/07/93				
1200	0.00	0.00	0.00	0.00
1100	0.00	0.00	0.00	0.00
1000	0.00	0.00	0.00	0.00
0900	0.00	0.00	0.04	0.08
0800	0.00	0.00	0.00	0.00
0700	0.04	0.00	0.00	0.00
0600	0.00	0.00	0.00	0.00
0500	0.00	0.00	0.00	0.00
0400	0.00	0.00	0.00	0.00
0300	0.00	0.08	0.08	0.12
0200	0.00	0.00	0.04	0.04
0100	0.00	0.00	0.00	0.00
10/06/93				
2400	0.00	0.00	0.00	0.00
2300	0.00	0.00	0.00	0.00
2200	0.00	0.00	0.00	0.20
2100	0.00	0.04	0.00	0.00
2000	0.00	0.00	0.00	0.00
1900	0.00	0.00	0.00	0.00
1800	0.00	0.00	0.00	0.00
1700	0.00	0.00	0.00	0.00
1600	0.00	0.00	0.00	0.00
1500	0.00	0.00	0.00	0.00
1400	2.09	0.04	0.12	0.00
1300	0.63	0.20	0.04	0.00
1200	0.31	0.00	0.08	0.00
1100	0.00	0.00	0.00	0.00
1000	0.00	0.00	0.00	0.00
0900	0.00	0.04	0.00	0.16
0800	0.00	0.00	0.08	0.00
0700	0.00	0.00	0.04	0.00
0600	0.00	0.00	0.00	0.00
0500	0.00	0.00	0.00	0.04
0400	0.00	0.20	0.04	0.00
0300	0.00	0.00	0.04	0.00
0200	0.00	0.00	0.00	0.00
0100	0.00	0.00	0.00	0.00
10/05/93				
2400	0.00	0.00	0.00	0.00
2300	0.00	0.00	0.00	0.00
2200	0.00	0.00	0.00	0.00
2100	0.00	0.00	0.00	0.00
2000	0.00	0.00	0.00	0.00
1900	0.00	0.00	0.00	0.00
1800	0.00	0.00	0.00	0.00
1700	0.00	0.00	0.00	0.00
1600	0.00	0.00	0.00	0.00
1500	0.00	0.00	0.00	0.00
1400	0.00	0.00	0.00	0.00
1300	0.00	0.00	0.00	0.00
TOTALS:	3.07	0.59	0.59	0.63

Gauge Names:

4800	Dreamy Draw	4820	ACDC @ 43rd Ave.
4830	Cave Creek @ Cactus	4840	Greenway @ 32nd Ave.

Maricopa County ALERT System

Group Name Date Time

Precip 17 : Upper Cave Creek [CCS6] 10/26/93 13:32:17

DeviceID	4900	4915	4920	4930	4935	4940	4950
StatType	dif	dif	dif	dif	dif	dif	dif
DataType	precip	precip	precip	precip	precip	precip	precip
Units	in	in	in	in	in	in	in
10/07/93							
1200	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1100	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1000	0.00	0.00	0.00	0.00	0.08	0.00	0.00
0900	0.00	0.00	0.00	0.00	0.08	0.00	0.00
0800	0.16	0.00	0.00	0.00	0.12	0.00	0.00
0700	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0600	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0500	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0400	0.00	0.00	0.00	0.20	0.04	0.16	0.00
0300	0.04	0.04	0.00	0.12	0.20	0.04	0.00
0200	0.08	0.16	0.12	0.04	0.31	0.20	0.04
0100	0.00	0.00	0.28	0.00	0.00	0.12	0.24
10/06/93							
2400	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2300	0.00	0.00	0.35	0.20	0.00	0.28	0.24
2200	0.00	0.00	0.00	0.00	0.00	0.00	0.04
2100	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1900	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1800	0.00	0.00	0.00	0.00	0.00	0.04	0.00
1700	0.04	0.04	0.04	0.04	0.00	0.04	0.00
1600	0.00	0.00	0.00	0.04	0.04	0.12	0.08
1500	0.00	0.04	0.04	0.31	0.20	0.16	0.24
1400	0.16	0.47	0.55	0.20	0.67	0.47	0.12
1300	0.35	0.98	0.55	0.31	0.71	0.20	0.20
1200	0.04	0.04	0.00	0.00	0.00	0.00	0.00
1100	0.00	0.00	0.20	0.00	0.00	0.00	0.00
1000	0.00	0.00	0.00	0.00	0.00	0.00	0.04
0900	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0800	0.00	0.04	0.00	0.00	0.00	0.00	0.00
0700	0.00	0.00	0.00	0.00	0.00	0.00	0.04
0600	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0500	0.04	0.00	0.00	0.04	0.00	0.04	0.00
0400	0.00	0.00	0.00	0.00	0.04	0.00	0.00
0300	0.00	0.04	0.00	0.04	0.31	0.16	0.16
0200	0.00	0.04	0.00	0.00	0.12	0.00	0.04
0100	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/05/93							
2400	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2300	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2200	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2100	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000	0.00	0.04	0.00	0.00	0.00	0.00	0.00
1900	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1800	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1700	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1600	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1500	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1400	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1300	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTALS:	0.91	1.93	2.13	1.54	2.91	2.01	1.46

Gauge Names:

4900	Cave Buttes Dam	4915	Cave Creek Landfill
4920	Cave Cr. @ Spur Cross	4930	Carefree Ranch
4935	Reatta Pass Dam	4940	Humboldt Mtn.
4950	Seven Springs		

Maricopa County ALERT System

Group Name	Date	Time
Precip 18 : South Mountain [GQC1]	10/26/93	13:32:21

DeviceID	6500	6510	6520	6530	6540	6550	6560
StatType	dif	dif	dif	dif	dif	dif	dif
DataType	precip	precip	precip	precip	precip	precip	precip
Units	in	in	in	in	in	in	in
10/07/93							
1200	0.00	0.00	0.00	0.04	0.00	0.00	0.00
1100	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1000	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0900	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0800	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0700	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0600	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0500	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0400	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0300	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0200	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0100	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/06/93							
2400	0.00	0.00	0.00	0.04	0.00	0.00	0.00
2300	0.00	0.00	0.00	0.00	0.00	0.00	0.12
2200	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2100	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1900	0.00	0.00	0.00	0.00	0.00	0.04	0.00
1800	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1700	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1600	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1500	0.12	0.00	0.00	0.16	0.00	0.00	0.00
1400	0.16	0.59	0.04	0.16	0.00	0.47	0.20
1300	0.24	0.35	0.28	0.20	0.39	0.24	0.20
1200	0.00	0.04	0.00	0.00	0.00	0.12	0.47
1100	0.00	0.08	0.00	0.00	0.00	0.00	0.00
1000	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0900	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0800	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0700	0.00	0.00	0.00	0.00	0.00	0.04	0.00
0600	0.00	0.00	0.00	0.00	0.00	0.04	0.00
0500	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0400	0.00	0.00	0.00	0.00	0.00	0.04	0.12
0300	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0200	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0100	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/05/93							
2400	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2300	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2200	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2100	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1900	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1800	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1700	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1600	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1500	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1400	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1300	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTALS:	0.51	1.06	0.31	0.59	0.39	0.98	1.10

Gauge Names:

6500	Guadalupe FRS	6510	South Mtn. Park
6520	Carriage Lane Park	6530	Pima Wash
6540	Mesa Tower	6550	South Mtn. West
6560	South Mtn. Fan		

Maricopa County ALERT System

Group Name Date Time

Precip 19 : E. Maricopa Floodway [GQC2] 10/26/93 13:32:24

DeviceID	6565	6580	6595	6610	6615
StatType	dif	dif	dif	dif	dif
DataType	precip	precip	precip	precip	precip
Units	in	in	in	in	in
10/07/93					
1200	0.00	0.00	0.00	0.00	0.00
1100	0.00	0.00	0.00	0.00	0.00
1000	0.00	0.00	0.00	0.00	0.00
0900	0.00	0.00	0.00	0.00	0.00
0800	0.00	0.00	0.00	0.00	0.00
0700	0.00	0.04	0.00	0.00	0.00
0600	0.00	0.00	0.00	0.00	0.00
0500	0.00	0.00	0.00	0.00	0.00
0400	0.00	0.00	0.00	0.00	0.00
0300	0.00	0.00	0.00	0.00	0.00
0200	0.00	0.00	0.00	0.00	0.00
0100	0.00	0.00	0.00	0.00	0.00
10/06/93					
2400	0.00	0.00	0.00	0.00	0.00
2300	0.00	0.00	0.00	0.00	0.00
2200	0.00	0.00	0.00	0.00	0.00
2100	0.00	0.00	0.00	0.00	0.00
2000	0.00	0.00	0.00	0.04	0.00
1900	0.00	0.00	0.00	0.12	0.00
1800	0.00	0.04	0.35	0.12	0.04
1700	0.00	0.28	0.12	0.24	0.31
1600	0.00	0.12	0.35	0.04	0.12
1500	0.00	0.00	0.00	0.00	0.00
1400	0.00	0.00	0.00	0.00	0.00
1300	0.00	0.00	0.00	0.00	0.00
1200	0.00	0.00	0.00	0.00	0.00
1100	0.00	0.00	0.00	0.00	0.00
1000	0.00	0.00	0.00	0.00	0.00
0900	0.00	0.00	0.00	0.00	0.00
0800	0.00	0.00	0.00	0.00	0.00
0700	0.00	0.00	0.00	0.00	0.00
0600	0.00	0.00	0.00	0.00	0.00
0500	0.00	0.00	0.00	0.00	0.00
0400	0.00	0.00	0.00	0.00	0.00
0300	0.00	0.00	0.00	0.00	0.00
0200	0.00	0.00	0.00	0.00	0.00
0100	0.00	0.00	0.00	0.00	0.00
10/05/93					
2400	0.00	0.00	0.00	0.00	0.00
2300	0.00	0.00	0.00	0.00	0.00
2200	0.00	0.00	0.00	0.00	0.00
2100	0.00	0.00	0.00	0.00	0.00
2000	0.00	0.00	0.00	0.00	0.00
1900	0.00	0.00	0.00	0.00	0.00
1800	0.00	0.00	0.00	0.00	0.00
1700	0.00	0.00	0.00	0.00	0.00
1600	0.00	0.00	0.00	0.00	0.00
1500	0.00	0.00	0.00	0.00	0.00
1400	0.00	0.00	0.00	0.00	0.00
1300	0.00	0.00	0.00	0.00	0.00
TOTALS:	0.00	0.47	0.83	0.55	0.47

Gauge Names:

6565	EMF @ Broadway	6580	EMF @ Queen Creek Rd.
6595	EMF @ Arizona Ave.	6610	Queen Creek Rd.
6615	Queen Creek Landfill		

Maricopa County ALERT System

Group Name Date Time

Precip 20 : E. Valley Structures [GQC3] 10/26/93 13:32:27

DeviceID	6625	6640	6655	6670	6675	6680
StatType	dif	dif	dif	dif	dif	dif
DataType	precip	precip	precip	precip	precip	precip
Units	in	in	in	in	in	in
10/07/93						
1200	0.00	0.00	0.00	0.00	0.00	0.00
1100	0.00	0.00	0.00	0.00	0.00	0.00
1000	0.00	0.00	0.00	0.00	0.00	0.00
0900	0.00	0.00	0.00	0.00	0.00	0.00
0800	0.00	0.00	0.00	0.00	0.00	0.00
0700	0.00	0.00	0.00	0.00	0.00	0.00
0600	0.00	0.00	0.00	0.00	0.00	0.00
0500	0.00	0.00	0.00	0.00	0.00	0.00
0400	0.00	0.00	0.00	0.00	0.00	0.00
0300	0.00	0.00	0.00	0.00	0.00	0.00
0200	0.00	0.00	0.00	0.00	0.00	0.00
0100	0.00	0.00	0.00	0.00	0.00	0.00
10/06/93						
2400	0.00	0.00	0.00	0.00	0.00	0.00
2300	0.00	0.00	0.00	0.00	0.00	0.00
2200	0.00	0.00	0.00	0.00	0.00	0.00
2100	0.00	0.00	0.00	0.00	0.00	0.00
2000	0.00	0.00	0.00	0.00	0.00	0.00
1900	0.00	0.00	0.00	0.04	0.04	0.08
1800	0.00	0.00	0.00	0.00	0.04	0.08
1700	0.00	0.00	0.00	0.00	0.08	0.20
1600	0.00	0.00	0.00	0.00	0.00	0.00
1500	0.00	0.00	0.00	0.00	0.00	0.00
1400	0.00	0.00	0.00	0.00	0.00	0.00
1300	0.00	0.00	0.00	0.00	0.00	0.00
1200	0.00	0.00	0.00	0.00	0.00	0.00
1100	0.00	0.00	0.00	0.00	0.00	0.00
1000	0.00	0.00	0.00	0.00	0.00	0.00
0900	0.00	0.00	0.00	0.04	0.00	0.00
0800	0.04	0.04	0.00	0.00	0.00	0.00
0700	0.00	0.00	0.00	0.00	0.00	0.00
0600	0.00	0.00	0.00	0.00	0.00	0.00
0500	0.00	0.00	0.00	0.00	0.00	0.00
0400	0.00	0.00	0.00	0.00	0.00	0.00
0300	0.00	0.00	0.00	0.00	0.00	0.00
0200	0.00	0.00	0.00	0.00	0.00	0.00
0100	0.00	0.00	0.00	0.00	0.00	0.00
10/05/93						
2400	0.00	0.00	0.00	0.00	0.00	0.00
2300	0.00	0.00	0.00	0.00	0.00	0.00
2200	0.00	0.00	0.00	0.00	0.00	0.00
2100	0.00	0.00	0.00	0.00	0.00	0.00
2000	0.00	0.00	0.00	0.00	0.00	0.00
1900	0.00	0.00	0.00	0.00	0.00	0.00
1800	0.00	0.00	0.00	0.00	0.00	0.00
1700	0.00	0.00	0.00	0.00	0.00	0.00
1600	0.00	0.00	0.00	0.00	0.00	0.00
1500	0.00	0.00	0.00	0.00	0.00	0.00
1400	0.00	0.00	0.00	0.00	0.00	0.00
1300	0.00	0.00	0.00	0.00	0.00	0.00
TOTALS:	0.04	0.04	0.00	0.08	0.16	0.35

Gauge Names:				
	6625	Signal Butte FRS	6640	Usery Mtn. Park
	6655	Thunder Mtn.	6670	Apache FRS
	6675	Apache Trail	6680	Powerline FRS

Maricopa County ALERT System

Group Name Date Time

Precip 21 : Superstition Mtns. [GQC4] 10/26/93 13:32:30

DeviceID	6685	6700	6710	6715	6730	6745	6760
StatType	dif	dif	dif	dif	dif	dif	dif
DataType	precip	precip	precip	precip	precip	precip	precip
Units	in	in	in	in	in	in	in
10/07/93							
1200	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1100	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1000	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0900	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0800	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0700	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0600	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0500	0.00	0.00	0.00	0.00	0.00	0.00	0.08
0400	0.00	0.00	0.00	0.00	0.00	0.00	0.16
0300	0.00	0.00	0.00	0.00	0.00	0.00	0.39
0200	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0100	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/06/93							
2400	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2300	0.04	0.00	0.00	0.00	0.00	0.00	0.28
2200	0.00	0.00	0.00	0.00	0.00	0.00	0.67
2100	0.00	0.00	0.00	0.00	0.00	0.00	0.08
2000	0.00	0.00	0.00	0.00	0.00	0.00	0.24
1900	0.04	0.00	0.04	0.00	0.00	0.12	0.08
1800	0.04	0.04	0.08	0.00	0.43	0.04	0.08
1700	0.20	0.71	0.91	0.08	0.51	0.24	0.63
1600	0.00	0.00	0.24	0.12	0.00	0.00	0.08
1500	0.00	0.00	0.00	0.04	0.00	0.00	0.00
1400	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1300	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1200	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1100	0.00	0.00	0.00	0.00	0.00	0.00	0.08
1000	0.00	0.00	0.00	0.00	0.04	0.00	0.55
0900	0.00	0.00	0.00	0.00	0.00	0.00	0.12
0800	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0700	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0600	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0500	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0400	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0300	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0200	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0100	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/05/93							
2400	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2300	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2200	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2100	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1900	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1800	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1700	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1600	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1500	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1400	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1300	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTALS:	0.31	0.75	1.26	0.24	0.98	0.39	3.50

Gauge Names:

6685	Vineyard FRS	6700	Rittenhouse FRS
6710	Queen Ck. @ Rtnhs.	6715	Magma FRS
6730	Florence Junction	6745	Kings Ranch
6760	Signal Peak		

Maricopa County ALERT System

Group Name	Date	Time
Precip 22 : Lower Waterman Wash	10/26/93	13:32:33

DeviceID	6810	6820	6840
StatType	dif	dif	dif
DataType	precip	precip	precip
Units	in	in	in
10/07/93			
1200	0.00	0.00	0.00
1100	0.00	0.00	0.00
1000	0.00	0.00	0.00
0900	0.00	0.00	0.00
0800	0.00	0.00	0.00
0700	0.00	0.00	0.00
0600	0.00	0.00	0.00
0500	0.00	0.00	0.00
0400	0.00	0.00	0.00
0300	0.00	0.00	0.00
0200	0.00	0.04	0.00
0100	0.08	0.04	0.00
10/06/93			
2400	0.00	0.00	0.00
2300	0.00	0.00	0.00
2200	0.00	0.04	0.00
2100	0.00	0.00	0.00
2000	0.00	0.00	0.00
1900	0.00	0.00	0.00
1800	0.00	0.00	0.00
1700	0.00	0.00	0.00
1600	0.00	0.00	0.00
1500	0.00	0.00	0.00
1400	0.00	0.00	0.00
1300	0.08	0.00	0.00
1200	0.35	0.43	0.16
1100	0.00	0.00	0.00
1000	0.00	0.00	0.00
0900	0.00	0.00	0.00
0800	0.00	0.00	0.00
0700	0.00	0.00	0.00
0600	0.00	0.00	0.00
0500	0.00	0.00	0.00
0400	0.00	0.00	0.00
0300	0.00	0.00	0.00
0200	0.00	0.00	0.00
0100	0.00	0.00	0.00
10/05/93			
2400	0.00	0.00	0.00
2300	0.00	0.00	0.00
2200	0.00	0.00	0.00
2100	0.00	0.00	0.00
2000	0.00	0.00	0.00
1900	0.00	0.00	0.00
1800	0.00	0.00	0.00
1700	0.00	0.00	0.00
1600	0.00	0.00	0.00
1500	0.00	0.00	0.00
1400	0.00	0.00	0.00
1300	0.00	0.00	0.00
TOTALS:	0.51	0.55	0.16

Gauge Names: 6810 Buckeye FRS #3 6820 White Tanks 4
6840 Estrella Park

Maricopa County ALERT System

Group Name	Date	Time
Precip 23 : Upper Waterman Wash	10/26/93	13:32:35

DeviceID	6860	6880	6890	6900	6910
StatType	dif	dif	dif	dif	dif
DataType	precip	precip	precip	precip	precip
Units	in	in	in	in	in
10/07/93					
1200	0.00	0.00	0.00	0.00	0.00
1100	0.00	0.00	0.00	0.00	0.00
1000	0.00	0.00	0.00	0.00	0.00
0900	0.00	0.00	0.00	0.00	0.00
0800	0.00	0.00	0.00	0.00	0.00
0700	0.00	0.00	0.00	0.00	0.00
0600	0.00	0.00	0.00	0.00	0.00
0500	0.00	0.00	0.00	0.00	0.00
0400	0.00	0.00	0.00	0.00	0.00
0300	0.00	0.00	0.00	0.00	0.00
0200	0.00	0.00	0.00	0.00	0.00
0100	0.00	0.00	0.00	0.00	0.00
10/06/93					
2400	0.00	0.00	0.00	0.00	0.00
2300	0.00	0.00	0.00	0.00	0.00
2200	0.00	0.00	0.00	0.00	0.00
2100	0.00	0.00	0.00	0.00	0.00
2000	0.00	0.00	0.00	0.00	0.00
1900	0.00	0.00	0.00	0.00	0.00
1800	0.00	0.00	0.00	0.00	0.00
1700	0.00	0.00	0.00	0.00	0.00
1600	0.00	0.00	0.00	0.00	0.00
1500	0.00	0.00	0.00	0.00	0.00
1400	0.00	0.00	0.00	0.00	0.00
1300	0.04	0.00	0.00	0.00	0.00
1200	0.00	0.04	0.04	0.00	0.00
1100	0.04	0.04	0.00	0.00	0.00
1000	0.00	0.00	0.00	0.00	0.00
0900	0.00	0.00	0.00	0.00	0.00
0800	0.00	0.00	0.00	0.00	0.00
0700	0.00	0.00	0.04	0.00	0.00
0600	0.00	0.00	0.00	0.00	0.00
0500	0.00	0.00	0.00	0.00	0.00
0400	0.00	0.00	0.00	0.04	0.00
0300	0.00	0.00	0.00	0.00	0.00
0200	0.00	0.00	0.00	0.00	0.00
0100	0.00	0.00	0.00	0.00	0.00
10/05/93					
2400	0.00	0.00	0.00	0.00	0.00
2300	0.00	0.00	0.00	0.00	0.00
2200	0.00	0.00	0.00	0.00	0.00
2100	0.00	0.00	0.00	0.00	0.00
2000	0.00	0.00	0.00	0.00	0.00
1900	0.00	0.00	0.00	0.00	0.00
1800	0.00	0.00	0.00	0.00	0.00
1700	0.00	0.00	0.00	0.00	0.00
1600	0.00	0.00	0.00	0.00	0.00
1500	0.00	0.00	0.00	0.00	0.00
1400	0.00	0.00	0.00	0.00	0.00
1300	0.00	0.00	0.00	0.00	0.00
TOTALS:	0.08	0.08	0.08	0.04	0.00

Gauge Names:

6860	Holly Acres	6880	Waterman Wash
6890	Estrella Fan	6900	Upper Waterman Wash
6910	Gila Bend Landfill		

Maricopa County ALERT System

Group Name	Date	Time
Precip 24 : Sauceda Wash	10/26/93	13:32:38

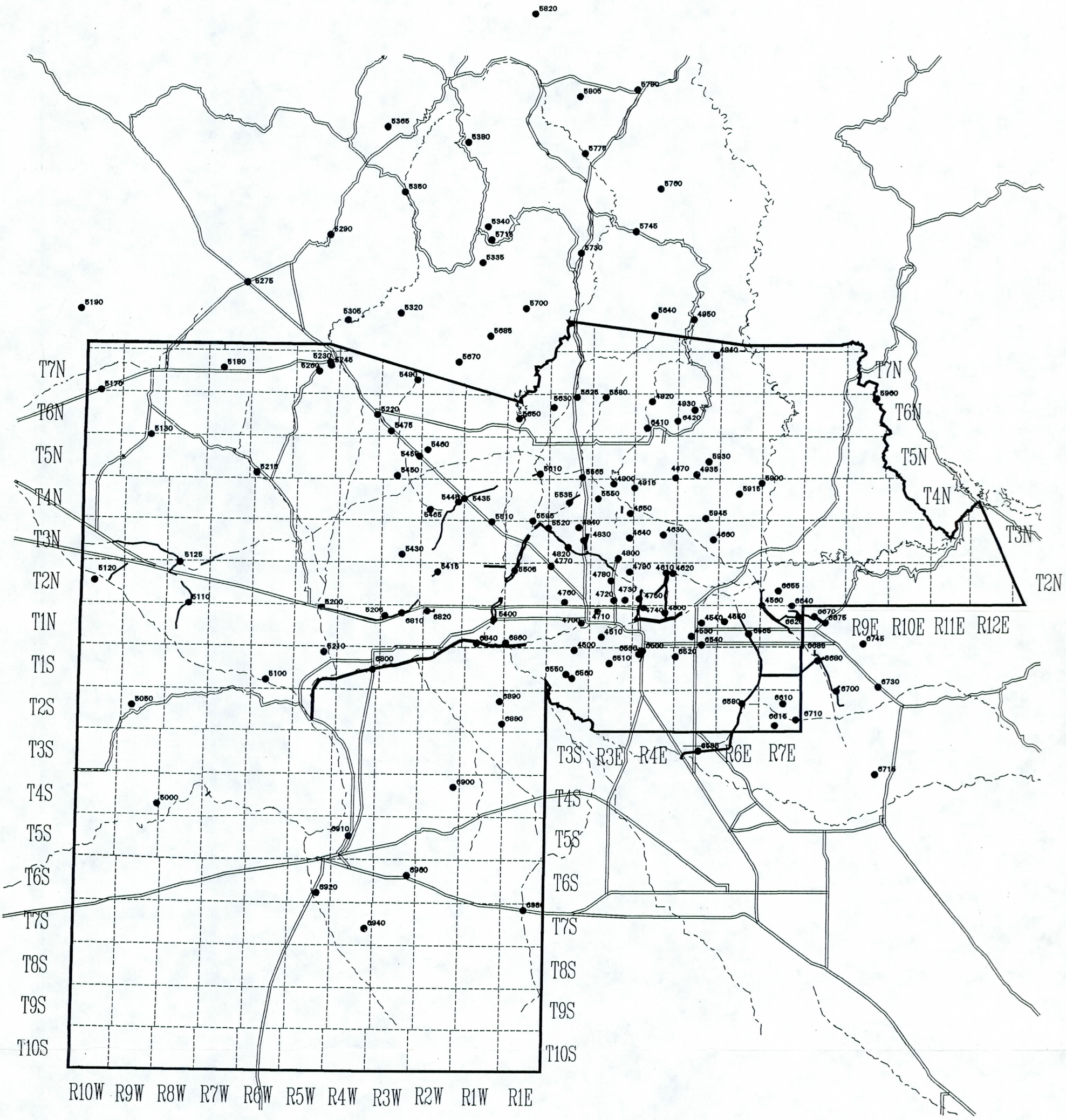
DeviceID	6920	6940	6960	6980
StatType	dif	dif	dif	dif
DataType	precip	precip	precip	precip
Units	in	in	in	in
10/07/93				
1200	0.00	0.00	0.00	0.00
1100	0.00	0.00	0.00	0.00
1000	0.00	0.00	0.00	0.00
0900	0.00	0.00	0.00	0.00
0800	0.00	0.00	0.00	0.00
0700	0.00	0.00	0.00	0.00
0600	0.00	0.00	0.00	0.00
0500	0.00	0.00	0.00	0.00
0400	0.00	0.00	0.00	0.00
0300	0.00	0.00	0.00	0.00
0200	0.00	0.00	0.00	0.00
0100	0.00	0.00	0.00	0.00
10/06/93				
2400	0.00	0.00	0.00	0.00
2300	0.00	0.00	0.00	0.00
2200	0.00	0.00	0.00	0.00
2100	0.00	0.00	0.00	0.00
2000	0.00	0.00	0.00	0.00
1900	0.00	0.00	0.00	0.00
1800	0.00	0.00	0.00	0.00
1700	0.00	0.00	0.00	0.00
1600	0.00	0.00	0.00	0.00
1500	0.00	0.00	0.00	0.00
1400	0.00	0.00	0.00	0.00
1300	0.00	0.00	0.00	0.00
1200	0.00	0.00	0.00	0.00
1100	0.00	0.16	0.00	0.00
1000	0.00	0.00	0.00	0.00
0900	0.00	0.00	0.00	0.00
0800	0.00	0.00	0.00	0.00
0700	0.00	0.04	0.00	0.00
0600	0.00	0.00	0.00	0.00
0500	0.00	0.00	0.00	0.00
0400	0.00	0.00	0.00	0.00
0300	0.00	0.00	0.00	0.00
0200	0.00	0.00	0.00	0.00
0100	0.00	0.00	0.00	0.00
10/05/93				
2400	0.00	0.00	0.00	0.00
2300	0.00	0.00	0.00	0.00
2200	0.00	0.00	0.08	0.00
2100	0.00	0.00	0.00	0.00
2000	0.00	0.00	0.00	0.00
1900	0.00	0.00	0.00	0.00
1800	0.00	0.00	0.00	0.00
1700	0.00	0.00	0.00	0.00
1600	0.00	0.00	0.00	0.00
1500	0.00	0.00	0.00	0.00
1400	0.00	0.00	0.00	0.00
1300	0.00	0.00	0.00	0.00
TOTALS:	0.00	0.20	0.08	0.00

Gauge Names:				
	6920	Sauceda Wash	6940	Sand Tanks Wash
	6960	Bender Wash	6980	Vekol Wash

Appendix C

County Rain Gauge Map and Sensor Database Sheets

Maricopa County
ALERT Precipitation Gauges



Major Roads

F.C.D. Structures

Major Streams and Rivers

Township & Range Boundaries

Rain Gauges

APPENDIX C

Flood Control District of Maricopa County
ALERT Sensor Database

GAGE NAME	ID #	STA.TYPE	DEV.TYPE	WATERSHED	INSTALLED	T - R - S	LATITUDE	LONGITUDE	ELEV	ALARM
Alvord Park	4500	Rain	Precip.	C.Creek / Salt	8/8/90	1S-2E-3	33 22 22	112 08 08	1070	1.25in / 1hr
Roeser @ 2nd St.	4510	Rain	Precip.	C.Creek / Salt	1/29/91	1N-3E-29	33 23 58	112 04 11	1079	1.25in / 1hr
Kleinman Park	4530	Rain	Precip.	C.Creek / Salt	3/26/91	1N-5E-28	33 24 03	111 51 02	1220	1.25in / 1hr
Fitch Park	4540	Rain	Precip.	C.Creek / Salt	3/27/91	1N-5E-15	33 25 42	111 49 35	1245	1.25in / 1hr
Mountain View Park	4550	Rain	Precip.	C.Creek / Salt	3/21/91	1N-6E-17	33 25 52	111 46 14	1280	1.25in / 1hr
Spookhill FRS	4560	Rain/Stage	Precip.	C.Creek / Salt	3/13/84	2N-7E-31	33 28 01	111 40 48	1595	1.25in / 1hr
Spookhill FRS	4563	Rain/Stage	Stream PT	C.Creek / Salt	3/13/84	2N-7E-31	33 28 01	111 40 48	1595	5.0 ft
IBW @ McKellips Rd.	4600	Rain/Stage	Precip.	C.Creek / Salt	5/21/85	1N-4E-11	33 26 58	111 54 58	1187	1.25in / 1hr
IBW @ McKellips Rd.	4603	Rain/Stage	Stream PT	C.Creek / Salt	5/21/85	1N-4E-11	33 26 58	111 54 58	1187	2.65 ft
IBW @ Indian Bend Rd.	4610	Rain/Stage	Precip.	C.Creek / Salt	9/28/83	2N-4E-11	33 32 00	111 54 53	1071	1.25in / 1hr
IBW @ Indian Bend Rd.	4613	Rain/Stage	Stream PT	C.Creek / Salt	9/28/83	2N-4E-11	33 32 00	111 54 53	1071	3.0 ft
IBW @ Interceptor	4619	Rain/Stage	Float	C.Creek / Salt	1/1/89	2N-4E-12	33 31 57	111 53 55	1071	2.0 ft
IBW @ Interceptor	4620	Rain/Stage	Precip.	C.Creek / Salt	1/1/89	2N-4E-12	33 31 57	111 53 55	1071	1.25in / 1hr
Thunderbird Academy	4630	Rain	Precip.	C.Creek / Salt	8/4/81	3N-4E-14	33 36 38	111 55 22	1448	1.25in / 1hr
IBW @ Sweetwater	4639	Rain/Stage	Float	C.Creek / Salt	12/27/90	3N-3E-13	33 36 15	112 00 18	1400	2.25 ft
IBW @ Sweetwater	4640	Rain/Stage	Precip.	C.Creek / Salt	12/27/90	3N-3E-13	33 36 15	112 00 18	1400	.5in / 30m
Paradise Valley Park	4650	Rain	Precip.	C.Creek / Salt	2/27/89	4N-3E-36	33 39 17	112 00 13	1494	1.25in / 1hr
Lost Dog Wash	4660	Rain/Stage	Precip.	C.Creek / Salt	7/13/90	3N-5E-14	33 36 02	111 48 02	1700	1.25in / 1hr
Pima @ Jomax	4670	Rain	Precip.	C.Creek / Salt	5/6/93	5N-4E-36	33 43 44	111 53 42	2180	1.25in / 1hr
Durango Complex	4694	Weather	Peak Wind	C.Creek / Salt	6/24/93	1N-2E-14	33 25 41	112 07 09	1050	40 mph
Durango Complex	4695	Weather	Wind Dir.	C.Creek / Salt	10/2/91	1N-2E-14	33 25 41	112 07 09	1050	none
Durango Complex	4696	Weather	Wind Run	C.Creek / Salt	10/2/91	1N-2E-14	33 25 41	112 07 09	1050	none
Durango Complex	4697	Weather	Wind Spd/Dir	C.Creek / Salt	10/2/91	1N-2E-14	33 25 41	112 07 09	1050	none
Durango Complex	4700	Weather	Precip.	C.Creek / Salt	6/4/80	1N-2E-14	33 25 41	112 07 09	1050	1.25in / 1hr
Durango Complex	4701	Weather	Humidity	C.Creek / Salt	10/2/91	1N-2E-14	33 25 41	112 07 09	1050	none
Durango Complex	4702	Weather	Temperature	C.Creek / Salt	10/2/91	1N-2E-14	33 25 41	112 07 09	1050	none
Durango Complex	4704	Weather	Pressure	C.Creek / Salt	10/2/91	1N-2E-14	33 25 41	112 07 09	1050	none
Phoenix Municipal	4710	Rain	Precip.	C.Creek / Salt	1/29/91	1N-3E-8	33 27 08	112 04 48	1080	1.25in / 1hr
Thomas @ 16th St.	4720	Rain	Precip.	C.Creek / Salt	1/17/91	1N-3E-24	33 28 37	112 02 27	1120	1.25in / 1hr

File: DBAS1006.XLS

APPENDIX C

GAGE NAME	ID #	STA.TYPE	DEV.TYPE	WATERSHED	INSTALLED	T - R - S	LATITUDE	LONGITUDE	ELEV	ALARM
Perry Park	4730	Rain	Precip.	C.Creek / Salt	8/22/90	2N-3E-5	33 28 39	112 00 50	1160	1.25in / 1hr
Papago Park	4740	Rain	Precip.	C.Creek / Salt	8/15/90	1N-4E-5	33 27 37	111 58 07	1200	1.25in / 1hr
Thomas @ 48th St.	4750	Rain	Precip.	C.Creek / Salt	1/30/91	1N-4E-31	33 28 49	111 58 46	1200	1.25in / 1hr
Maryvale Muni Golf	4760	Rain	Precip.	C.Creek / Salt	8/17/89	2N-2E-19	33 28 21	112 09 40	1200	1.25in / 1hr
City of Glendale	4770	Rain	Precip.	C.Creek / Salt	7/13/89	2N-2E-6	33 32 45	112 11 43	1148	1.25in / 1hr
Missouri @ 16th St.	4780	Rain	Precip.	C.Creek / Salt	1/17/91	2N-3E-16	33 31 01	112 02 53	1155	1.25in / 1hr
Paradise Valley CC	4790	Rain	Precip.	C.Creek / Salt	7/13/89	2N-4E-9	33 32 07	112 00 13	1494	1.25in / 1hr
Dreamy Draw	4800	Rain/Stage	Precip.	C.Creek / Salt	1/24/84	3N-3E-34	33 33 45	112 01 54	1407	.5in / 30m
Dreamy Draw	4803	Rain/Stage	Stream PT	C.Creek / Salt	1/24/84	3N-3E-34	33 33 45	112 01 54	1407	5.0 ft
ACDC @ 43rd Ave.	4820	Rain/Stage	Precip.	C.Creek / Salt	11/14/90	3N-2E-22	33 35 03	112 09 16	1225	.5in / 30m
ACDC @ 43rd Ave.	4823	Rain/Stage	Stream PT	C.Creek / Salt	11/14/90	3N-2E-22	33 35 03	112 09 16	1225	2.0 ft
Cave Creek @ Cactus	4830	Rain/Stage	Precip.	C.Creek / Salt	6/27/91	3N-2E-13	33 35 56	112 07 01	1280	1.25in / 1hr
Cave Creek @ Cactus	4833	Rain/Stage	Stream PT	C.Creek / Salt	6/27/91	3N-2E-13	33 35 56	112 07 01	1280	10.0 ft
Greenway @ 32nd Ave.	4840	Rain	Precip.	C.Creek / Salt	1/31/91	3N-2E-2	33 37 31	112 07 45	1300	1.25 / 1hr
Cave Buttes Pool	4899	Rain/Stage	Float	C.Creek / Salt	1/25/84	4N-3E-15	33 42 58	112 02 43	1649	10.0 ft
Cave Buttes Dam	4900	Rain/Stage	Precip.	C.Creek / Salt	1/25/84	4N-3E-15	33 42 58	112 02 43	1649	1.25in / 1hr
Cave Buttes Outlet	4903	Rain/Stage	Stream PT	C.Creek / Salt	1/25/84	4N-3E-15	33 42 58	112 02 43	1649	4.5 ft
Cave Creek Landfill	4915	Rain	Precip.	C.Creek / Salt	4/22/93	5N-4E-07	33 42 28	111 59 40	1627	.4in / 1hr
Cave Cr.@ Spur Cross	4920	Rain/Stage	Precip.	C.Creek / Salt	6/16/93	6N-4E-04	33 53 05	111 57 17	2280	1.25 in / 1hr
Cave Cr.@ Spur Cross	4923	Rain/Stage	Stream PT	C.Creek / Salt	6/16/93	6N-4E-04	33 53 05	111 57 17	2280	5.75 ft
Carefree Ranch	4925	Weather	Wind Dir.	C.Creek / Salt	7/15/85	6N-5E-16	33 52 03	111 51 00	3200	none
Carefree Ranch	4926	Weather	Wind Run	C.Creek / Salt	7/15/85	6N-5E-16	33 52 03	111 51 00	3200	none
Carefree Ranch	4927	Weather	Wind Spd/Dir	C.Creek / Salt	7/15/85	6N-5E-16	33 52 03	111 51 00	3200	none
Carefree Ranch	4930	Weather	Precip.	C.Creek / Salt	7/15/85	6N-5E-16	33 52 03	111 51 00	3200	1.25in / 1hr
Carefree Ranch	4933	Weather	Temperature	C.Creek / Salt	7/15/85	6N-5E-16	33 52 03	111 51 00	3200	none
Carefree Ranch	4934	Weather	Stream PT	C.Creek / Salt	7/15/85	6N-5E-16	33 52 03	111 51 00	3200	0.6 ft
Reata Pass Dam	4935	Rain/Stage	Precip.	C.Creek / Salt	2/25/93	5N-5E-33	33 44 06	111 50 36	2600	.25in / 30m
Reata Pass Dam	4938	Rain/Stage	Stream PT	C.Creek / Salt	2/25/93	5N-5E-33	33 44 06	111 50 36	2600	4.0 ft
Humboldt Mtn.	4940	Rain	Precip.	C.Creek / Salt	7/14/81	7N-5E-6	33 58 48	111 47 56	5198	1.25in / 1hr
Seven Springs	4950	Rain	Precip.	C.Creek / Salt	11/12/81	8N-5E-8	34 03 06	111 51 17	4595	1.25in / 1hr
Mt. Oatman	5000	Rain/Reptr.	Precip.	Lower Gila	4/30/80	4S-9W-25	33 03 05	113 08 15	1720	1.25in / 1hr
Mt. Oatman	5004	Rain/Reptr.	Batt. Volt.	Lower Gila	5/8/92	4S-9W-25	33 03 05	113 08 15	1720	12.0 v
Gila Bend Mountains	5044	Weather	Peak Wind	Lower Gila	7/27/93	2S-9W-17	33 22 11	113 18 17	1560	50 mph
Gila Bend Mountains	5045	Weather	Wind Dir.	Lower Gila	6/1/88	2S-9W-17	33 22 11	113 18 17	1560	none
Gila Bend Mountains	5046	Weather	Wind Speed	Lower Gila	6/1/88	2S-9W-17	33 22 11	113 18 17	1560	none

GAGE NAME	ID #	STA.TYPE	DEV.TYPE	WATERSHED	INSTALLED	T - R - S	LATITUDE	LONGITUDE	ELEV	ALARM
Gila Bend Mountains	5047	Weather	Wind Spd/Dir	Lower Gila	6/1/88	2S-9W-17	33 22 11	113 18 17	1560	none
Gila Bend Mountains	5050	Weather	Precip.	Lower Gila	6/1/88	2S-9W-17	33 22 11	113 18 17	1560	1.25in / 1hr
Gila Bend Mountains	5051	Weather	Humidity	Lower Gila	6/1/88	2S-9W-17	33 22 11	113 18 17	1560	none
Gila Bend Mountains	5052	Weather	Temperature	Lower Gila	6/1/88	2S-9W-17	33 22 11	113 18 17	1560	none
Gila Bend Mountains	5053	Weather	Solar Rad.	Lower Gila	6/1/88	2S-9W-17	33 22 11	113 18 17	1560	none
Gila Bend Mountains	5054	Weather	Pressure	Lower Gila	6/1/88	2S-9W-17	33 22 11	113 18 17	1560	none
Centennial Railroad	5100	Rain/Stage	Precip.	Centennial	2/9/90	1S-6W-28	33 18 35	112 52 56	850	1.25in / 1hr
Centennial Railroad	5103	Rain/Stage	Stream PT	Centennial	2/9/90	1S-6W-28	33 18 35	112 52 56	850	3.6 ft
Saddleback FRS	5110	Rain/Stage	Precip.	Centennial	12/16/88	2N-10W-34	33 27 55	113 04 21	1177	1.25in / 1hr
Saddleback FRS	5113	Rain/Stage	Stream PT	Centennial	12/16/88	2N-10W-34	33 27 55	113 04 21	1177	4.0 ft.
Centennial Levee	5120	Rain	Precip.	Centennial	12/16/88	2N-10 W-17	33 30 37	113 18 07	1298	1.25in / 1hr
Harquahala FRS	5125	Rain/Stage	Precip.	Centennial	9/15/93	2N-8W-05	33 32 54	113 05 52	1420	1.25in / 1hr
Harquahala FRS	5128	Rain/Stage	Stream PT	Centennial	Future	2N-8W-05	33 32 54	113 05 52	1420	——
Upper Tiger Wash	5130	Rain	Precip.	Centennial	9/12/80	5N-9W-2	33 48 40	113 10 25	2198	1.25in / 1hr
Burnt Mtn.	5139	Repeater	Batt. Volt.	Centennial	8/25/93	——	33 31 53	113 06 30	1500	12 v
Gladden	5170	Rain	Precip.	Centennial	2/2/82	7N-10W-33	33 54 09	113 17 54	2198	1.25in / 1hr
Centennial Wash	5180	Rain	Precip.	Centennial	11/19/81	7N-7W-16	33 57 03	113 00 02	2417	1.25in / 1hr
Smith Peak	5190	Rain/Reptr.	Precip.	Centennial	5/5/80	8N-11W-1	34 04 00	113 21 03	5131	1.25in / 1hr
Smith Peak	5194	Rain/Reptr.	Batt. Volt.	Centennial	3/24/92	1N-5W-3	34 04 00	113 21 03	1097	12.0 v
Buckeye FRS #1	5200	Rain/Stage	Precip.	Hassayampa	7/26/83	1N-5W-3	33 27 31	112 45 02	1097	1.25in / 1hr
Buckeye FRS #1	5203	Rain/Stage	Stream PT	Hassayampa	7/26/83	1N-5W-3	33 27 31	112 45 02	1097	6.0 ft
Buckeye FRS #2	5205	Rain/Stage	Precip.	Hassayampa	11/11/92	1N-3W-07	33 26 26	112 35 47	1150	1.25in / 1hr
Buckeye FRS #2	5208	Rain/Stage	Stream PT	Hassayampa	11/11/92	1N-3W-07	33 26 26	112 35 47	1150	4.0 ft
Hassayampa Landfill	5210	Rain	Precip.	Hassayampa	4/15/93	1S-5W-02	33 21 59	112 44 33	900	.4in / 1hr
Jackrabbit Wash	5215	Rain	Precip.	Hassayampa	9/14/82	5N-6W-31	33 44 08	112 54 54	1798	1.25in / 1hr
Morristown	5220	Rain	Precip.	Hassayampa	5/13/92	6N-4W-13	33 51 21	112 37 29	1978	1.25in / 1hr
Sunset FRS	5230	Rain/Stage	Precip.	Hassayampa	2/12/89	7N-5W-11	33 57 50	112 44 33	2100	.5in / 30m
Sunset FRS	5233	Rain/Stage	Stream PT	Hassayampa	2/12/89	7N-5W-11	33 57 50	112 44 33	2100	3.0 ft
Sunnycove FRS	5245	Rain/Stage	Precip.	Hassayampa	7/31/86	7N-5W-11	33 57 25	112 44 24	2200	.5in / 30m
Sunnycove FRS	5248	Rain/Stage	Stream PT	Hassayampa	7/31/86	7N-5W-11	33 57 25	112 44 24	2200	5.0 ft
Vulture Mine	5260	Rain	Precip.	Hassayampa	10/14/81	7N-5W-15	33 56 42	112 46 07	2311	.5in / 30m
Sols Wash	5275	Rain	Precip.	Hassayampa	9/24/81	8N-7W-13	34 07 25	112 56 55	2771	1.25in / 1hr
Yarnell Hill	5290	Rain/Reptr.	Precip.	Hassayampa	7/13/81	10N-5W-11	34 13 21	112 44 53	5128	1.75in / 1hr
Yarnell Hill	5294	Rain/Reptr.	Batt. Volt.	Hassayampa	2/20/92	10N-5W-11	34 13 21	112 44 53	5128	12.0 v
Box Canyon	5305	Rain/Stage	Precip.	Hassayampa	11/17/83	8N-4W-7	34 02 56	112 42 05	2245	1.75in / 1hr

GAGE NAME	ID #	STA.TYPE	DEV.TYPE	WATERSHED	INSTALLED	T - R - S	LATITUDE	LONGITUDE	ELEV	ALARM
Box Canyon	5308	Rain/Stage	Stream PT	Hassayampa	11/17/83	8N-4W-7	34 02 56	112 42 05	2245	8.1 ft
O'Brian	5320	Rain	Precip.	Hassayampa	11/3/82	9N-3W-21	34 03 48	112 34 20	2798	1.75in / 1hr
Minnehaha	5335	Rain	Precip.	Hassayampa	6/16/81	10N-1W-31	34 10 00	112 22 30	5602	1.75in / 1hr
Towers Mtn.	5340	Rain/Reptr.	Precip.	Hassayampa	5/1/92	10N-1W-15	34 14 24	112 21 47	7528	1.75in / 1hr
Towers Mtn.	5344	Rain/Reptr.	Batt. Volt.	Hassayampa	4/30/92	10N-1W-15	34 14 24	112 21 47	7528	12.0 v
Hassy Bridge	5350	Rain/Stage	Precip.	Hassayampa	12/19/83	11N-3W-9	34 18 38	112 34 05	3785	1.75in / 1hr
Hassy Bridge	5353	Rain/Stage	Stream PT	Hassayampa	9/26/91	11N-3W-9	34 18 38	112 34 05	3785	5.8 ft
Wilhoit	5365	Rain	Precip.	Hassayampa	9/24/81	13N-3W-32	34 26 36	112 36 47	5043	1.75in / 1hr
Mt. Union	5380	Rain/Reptr.	Precip.	Hassayampa	8/16/82	12N-2W-1	34 24 47	112 24 54	7495	1.75in / 1hr
Mt. Union	5383	Rain/Reptr.	Temperature	Hassayampa	8/16/82	12N-2W-1	34 24 47	112 24 54	7495	none
Mt. Union	5385	Rain/Reptr.	Batt. Volt.	Hassayampa	4/28/92	12N-2W-1	34 24 54	112 24 17	7495	12.0 v
Agua Fria @ Buckeye	5400	Rain/Stage	Precip.	Agua Fria	10/11/88	1N-1W-14	33 26 05	112 19 54	940	1.25in / 1hr
Agua Fria @ Buckeye	5403	Rain/Stage	Stream PT	Agua Fria	10/12/88	1N-1W-14	33 26 05	112 19 55	940	2.0 ft
White Tanks 3	5415	Rain/Stage	Precip.	Agua Fria	3/12/86	2N-2W-9	33 32 01	112 28 14	1190	.5in / 30m
White Tanks 3	5418	Rain/Stage	Stream PT	Agua Fria	3/12/86	2N-2W-9	33 32 01	112 28 14	1190	6.0 ft
White Tanks E. Peak	5430	Rain/Reptr.	Precip.	Agua Fria	5/15/80	3N-3W-27	33 34 08	112 33 29	4031	1.25in / 1hr
White Tanks E. Peak	5434	Rain/Reptr.	Batt. Volt.	Agua Fria	2/21/92	3N-3W-27	33 34 08	112 33 29	4031	12.0 v
McMicken Floodway	5435	Rain/Stage	Precip.	Agua Fria	9/3/92	4N-1W-18	33 41 04	112 24 33	1337	1.25in / 1hr
McMicken Floodway	5438	Rain/Stage	Stream PT	Agua Fria	9/3/92	4N-1E-18	33 41 04	112 24 33	1337	3.0 ft
McMicken Dam	5445	Rain/Stage	Precip.	Agua Fria	3/24/83	4N-2W-24	33 40 38	112 25 23	1361	1.25in / 1hr
McMicken Dam	5448	Rain/Stage	Stream PT	Agua Fria	3/24/83	4N-2W-24	33 40 38	112 25 23	1361	5.0 ft
Patton Rd.	5450	Rain	Precip.	Agua Fria	5/13/92	5N-3W-33	33 43 53	112 34 23	2683	1.25in / 1hr
Wittmann	5455	Rain	Precip.	Agua Fria	5/13/92	5N-3W-13	33 46 15	112 31 14	1653	1.25in / 1hr
Chrysler P. Grounds	5460	Rain	Precip.	Agua Fria	10/31/90	5N-2W-7	33 47 04	112 30 03	1720	1.25in / 1hr
NW Regional Landfill	5465	Rain	Precip.	Agua Fria	4/27/93	4N-2W-17	33 39 40	112 29 30	1890	.4in / 1hr
Circle City	5475	Rain	Precip.	Agua Fria	9/17/82	6N-3W-32	33 49 22	112 35 25	1890	1.25in / 1hr
Castle Hot Springs	5490	Rain	Precip.	Agua Fria	10/20/81	7N-3W-24	33 55 42	112 31 42	2683	1.25in / 1hr
New River @ Glendale	5505	Rain/Stage	Precip.	Agua Fria	3/21/90	3N-1E-8	33 32 14	112 17 00	1050	1.25in / 1hr
New River @ Glendale	5508	Rain/Stage	Stream PT	Agua Fria	3/21/90	3N-1E-8	33 32 14	112 17 00	1050	1.7 ft
Dysart @ Bell Rd.	5510	Rain	Precip.	Agua Fria	10/19/92	3N 1W 02	33 38 11	112 20 27	1190	1.25in / 1hr
ACDC @ 67th Ave.	5520	Rain/Stage	Precip.	Agua Fria	6/7/90	3N-1E-12	33 37 26	112 12 10	1220	.5in / 30m
ACDC @ 67th Ave.	5523	Rain/Stage	Stream PT	Agua Fria	6/7/90	3N-1E-12	33 37 26	112 12 10	1220	4.0 ft
Adobe Dam	5535	Rain/Stage	Precip.	Agua Fria	10/28/82	4N-2E-21	33 40 37	112 09 12	1413	1.25in / 1hr
Adobe Dam Outlet	5538	Rain/Stage	Stream PT	Agua Fria	10/28/82	4N-2E-21	33 40 37	112 09 12	1413	3.5 ft
Adobe Dam Pool	5539	Rain/Stage	Stream PT	Agua Fria	10/28/82	4N-2E-21	33 40 37	112 09 12	1413	6.4 ft

GAGE NAME	ID #	STA.TYPE	DEV.TYPE	WATERSHED	INSTALLED	T - R - S	LATITUDE	LONGITUDE	ELEV	ALARM
Deer Valley Airport	5550	Rain	Precip.	Agua Fria	1/23/91	4N-3E-18	33 41 06	112 04 59	1445	1.25in / 1hr
Skunk Creek @ I-17	5565	Rain/Stage	Precip.	Agua Fria	10/26/89	5N-2E-35	33 43 47	112 07 21	1475	1.25in / 1hr
Skunk Creek @ I-17	5568	Rain/Stage	Stream PT	Agua Fria	10/26/89	5N-2E-35	33 43 47	112 07 21	1475	2.2 ft
Upper Skunk Creek	5580	Rain	Precip.	Agua Fria	9/19/80	6N-3E-5	33 53 35	112 04 05	2109	1.25in / 1hr
New River @ Bell Rd.	5595	Rain/Stage	Precip.	Agua Fria	4/4/90	3N-1E-3	33 38 18	112 14 27	1200	1.25in / 1hr
New River @ Bell Rd.	5598	Rain/Stage	Stream PT	Agua Fria	4/4/90	3N-1E-3	33 38 18	112 14 27	1200	4.0 ft
New River Dam	5610	Rain/Stage	Precip.	Agua Fria	4/15/86	5N-1E-35	33 44 09	112 13 31	1498	1.25in / 1hr
New River Outlet	5613	Rain/Stage	Stream PT	Agua Fria	4/15/86	5N-1E-35	33 44 09	112 13 31	1498	4.9 ft
New River Pool	5614	Rain/Stage	Stream PT	Agua Fria	4/15/86	5N-1E-35	33 44 09	112 13 31	1498	5.8 ft
Sunup Ranch	5625	Rain	Precip.	Agua Fria	3/21/84	6N-2E-03	33 53 36	112 08 20	2141	1.25in / 1hr
New River Landfill	5630	Rain	Precip.	Agua Fria	4/29/93	8N-2E-08	33 52 20	112 11 40	1508	.4in / 1hr
Cooks Mesa	5640	Rain	Precip.	Agua Fria	3/21/84	8N-4E-4	34 03 34	111 57 06	4565	1.25in / 1hr
Lake Pleasant	5645	Weather	Wind Dir.	Agua Fria	12/10/91	6N-1E-21	33 50 50	112 16 38	1822	none
Lake Pleasant	5646	Weather	Wind Run	Agua Fria	12/10/91	6N-1E-21	33 50 50	112 16 38	1822	none
Lake Pleasant	5647	Weather	Wind Spd/Dir	Agua Fria	12/10/91	6N-1E-21	33 50 50	112 16 38	1822	none
Lake Pleasant	5650	Weather	Precip.	Agua Fria	12/10/91	6N-1E-21	33 50 50	112 16 38	1822	1.25in / 1hr
Lake Pleasant	5651	Weather	Humidity	Agua Fria	12/10/91	6N-1E-21	33 50 50	112 16 38	1822	none
Lake Pleasant	5652	Weather	Temperature	Agua Fria	12/10/91	6N-1E-21	33 50 50	112 16 38	1822	none
Lake Pleasant	5653	Weather	Evaporation	Agua Fria	12/10/91	6N-1E-21	33 50 50	112 16 38	1822	none
Garfias Mtn.	5670	Rain	Precip.	Agua Fria	4/14/81	7N-2W-1	33 57 55	112 25 43	2645	1.75in / 1hr
Columbia Hill	5685	Rain	Precip.	Agua Fria	5/28/81	8N-1W-22	34 01 04	112 21 09	2393	1.75in / 1hr
Horsethief Basin	5694	Weather	Peak Wind	Agua Fria	7/19/93	9N-1E-33	34 06 19	112 40 49	6702	50 mph
Horsethief Basin	5695	Weather	Wind Dir.	Agua Fria	11/24/86	9N-1E-33	34 06 19	112 20 49	6702	none
Horsethief Basin	5696	Weather	Wind Run	Agua Fria	11/24/86	9N-1E-33	34 06 19	112 20 49	6702	none
Horsethief Basin	5697	Weather	Wind Spd/Dir	Agua Fria	11/24/86	9N-1E-33	34 06 19	112 20 49	6702	none
Horsethief Basin	5700	Weather	Precip.	Agua Fria	11/24/86	9N-1E-33	34 06 19	112 20 49	6702	1.75in / 1hr
Horsethief Basin	5701	Weather	Humidity	Agua Fria	11/24/86	9N-1E-33	34 06 19	112 40 49	6702	none
Horsethief Basin	5702	Weather	Temperature	Agua Fria	11/24/86	9N-1E-33	34 06 19	112 40 49	6702	none
Horsethief Basin	5703	Weather	Solar Rad.	Agua Fria	11/24/86	9N-1E-33	34 06 19	112 40 49	6702	none
Horsethief Basin	5704	Weather	Pressure	Agua Fria	11/24/86	9N-1E-33	34 06 19	112 20 49	6702	none
Crown King	5715	Rain	Precip.	Agua Fria	5/10/83	10N-1W-15	34 12 50	112 21 14	6783	1.75in / 1hr
Crown King	5718	Rain	Temperature	Agua Fria	5/10/83	10N-1W-15	34 12 50	112 21 14	6783	none
Sunset Point	5730	Rain	Precip.	Agua Fria	6/9/81	9N-2E-23	34 11 13	112 08 04	3378	1.75in / 1hr
Horseshoe Ranch	5745	Rain	Precip.	Agua Fria	3/9/85	10N-3E-24	34 13 50	112 00 00	3805	1.75in / 1hr
Horner Mtn. Ranch	5760	Rain	Precip.	Agua Fria	2/13/81	11N-4E-4	34 31 53	111 56 44	4407	1.75in / 1hr

GAGE NAME	ID #	STA.TYPE	DEV.TYPE	WATERSHED	INSTALLED	T - R - S	LATITUDE	LONGITUDE	ELEV	ALARM
Arizona Hunt Club	5775	Rain	Precip.	Agua Fria	2/18/81	12N-2E-27	34 23 26	112 07 42	3805	1.75in / 1hr
I-17 @ 169	5790	Rain	Precip.	Agua Fria	10/6/87	13N-3E-3	34 31 10	112 00 02	4750	1.75in / 1hr
Dewey	5805	Rain	Precip.	Agua Fria	6/18/81	13N-2E-8	34 30 21	112 08 32	4775	1.75in / 1hr
Prescott Valley	5820	Rain	Precip.	Agua Fria	12/7/82	15N-1E-16	34 40 43	112 15 16	5228	1.75in / 1hr
Asher Hills	5900	Rain	Precip.	Verde	8/2/90	4N-6E-1	33 43 03	111 41 01	1680	1.25in / 1hr
McDowell Mtn. Park	5915	Rain	Precip.	Verde	8/6/90	4N-6E-16	33 43 00	111 44 42	2040	1.25in / 1hr
Fraesfield Mtn.	5930	Rain	Precip.	Verde	7/28/89	5N-5E-23	33 45 41	111 48 51	2661	1.25in / 1hr
Thompson Peak	5945	Rain/Reptr.	Precip.	Verde	6/11/80	4N-5E-35	33 38 40	111 49 11	3993	1.25in / 1hr
Thompson Peak	5949	Rain/Reptr.	Batt. Volt.	Verde	2/19/92	4N-5E-35	33 38 40	112 06 50	3993	12.0 v
Mt. Ord	5960	Rain/Reptr.	Precip.	Verde	7/1/83	7N-9E-34	33 53 25	111 24 20	7139	1.75in / 1hr
Mt. Ord	5964	Rain/Reptr.	Batt. Volt.	Verde	5/12/92	7N-9E-34	33 53 25	111 24 20	7139	12.0 v
Cave Creek	6410	Rain/Stage	Precip.	C.Creek / Salt	11/3/89	6N-4E-29	33 49 50	111 57 57	2000	1.25in / 1hr
Cave Creek	6413	Rain/Stage	Stream PT	C.Creek / Salt	11/3/89	6N-4E-29	33 49 50	111 57 57	2000	1.5 ft
Grapevine Wash	6420	Rain/Stage	Precip.	C.Creek / Salt	7/6/89	6N-4E-24	33 50 40	111 53 29	1250	1.25in / 1hr
Grapevine Wash	6423	Rain/Stage	Stream PT	C.Creek / Salt	7/6/89	6N-4E-24	33 50 40	111 53 29	1250	1.5 ft
Guadalupe FRS	6500	Rain/Stage	Precip.	Gila /Queen Ck	6/29/89	1S-4E-5	33 22 16	111 58 10	1250	.5in / 30m
Guadalupe FRS	6503	Rain/Stage	Stream PT	Gila /Queen Ck	6/29/89	1S-4E-5	33 22 16	111 58 10	1250	4.0 ft
South Mountain Park	6504	Weather	Peak Wind	Gila /Queen Ck	7/21/93	1S-3E-11	33 20 46	112 02 59	2135	50 mph
South Mountain Park	6505	Weather	Wind Dir.	Gila /Queen Ck	9/28/82	1S-3E-11	33 20 46	112 02 59	2135	none
South Mountain Park	6506	Weather	Wind Run	Gila /Queen Ck	9/28/82	1S-3E-11	33 20 46	112 02 59	2135	none
South Mountain Park	6507	Weather	Wind Spd/Dir	Gila /Queen Ck	9/28/82	1S-3E-11	33 20 46	112 02 59	2135	none
South Mountain Park	6510	Weather	Precip.	Gila /Queen Ck	9/28/82	1S-3E-11	33 20 46	112 02 59	2135	1.25in / 1hr
South Mountain Park	6511	Weather	Humidity	Gila /Queen Ck	9/28/82	1S-3E-11	33 20 46	112 02 59	2135	none
South Mountain Park	6512	Weather	Temperature	Gila /Queen Ck	9/28/82	1S-3E-11	33 20 46	112 02 59	2135	none
South Mountain Park	6513	Weather	Solar Rad.	Gila /Queen Ck	9/28/82	1S-3E-11	33 20 46	112 02 59	2135	none
South Mountain Park	6514	Weather	Pressure	Gila /Queen Ck	9/28/82	1S-3E-11	33 20 46	112 02 59	2135	none
Carriage Lane Park	6520	Rain	Precip.	Gila /Queen Ck	3/26/91	1N-4E-7	33 21 34	111 53 22	1200	1.25in / 1hr
Pima Wash	6530	Rain/Stage	Precip.	Gila /Queen Ck	8/21/89	1S-4E-5	33 21 54	111 58 42	1338	.5in / 30m
Pima Wash	6533	Rain/Stage	Stream PT	Gila /Queen Ck	8/21/89	1S-4E-5	33 21 54	111 58 42	1338	2.0 ft
Mesa Tower	6540	Rain	Precip.	Gila /Queen Ck	7/19/89	1N-5E-35	33 23 01	111 49 34	1215	1.25in / 1hr
South Mountain West	6550	Rain	Precip.	Gila /Queen Ck	11/15/90	1S-2E-21	33 19 26	112 09 17	1500	1.25in / 1hr
South Mountain Fan	6554	Weather	Peak Wind	Gila /Queen Ck	6/30/93	1S-2E-26	33 18 57	112 08 05	1420	40 mph
South Mountain Fan	6557	Weather	Wind Sp/Dir	Gila /Queen Ck	6/9/93	1S-2E-26	33 18 57	112 08 05	1420	none
South Mountain Fan	6558	Weather	Wind Run	Gila /Queen Ck	6/9/93	1S-2E-26	33 18 57	112 08 25	1420	none
South Mountain Fan	6559	Weather	Wind Dir.	Gila /Queen Ck	6/9/93	1S-2E-26	33 18 57	112 08 05	1420	none

GAGE NAME	ID #	STA.TYPE	DEV.TYPE	WATERSHED	INSTALLED	T - R - S	LATITUDE	LONGITUDE	ELEV	ALARM
South Mountain Fan	6560	Weather	Precip.	Gila /Queen Ck	6/9/93	1S-2E-26	33 18 57	112 08 25	1420	.5in / 30m
South Mountain Fan	6561	Weather	Humidity	Gila /Queen Ck	6/9/93	1S-2E-26	33 18 57	112 08 05	1420	none
South Mountain Fan	6562	Weather	Temperature	Gila /Queen Ck	6/9/93	1S-2E-26	33 18 57	112 08 25	1420	none
South Mountain Fan	6563	Weather	Stream PT	Gila /Queen Ck	?	1S-2E-26	33 18 57	112 08 05	1420	0.5 ft
South Mountain Fan	6564	Weather	Solar Rad.	Gila /Queen Ck	6/9/93	1S-2E-26	33 18 57	112 08 25	1420	none
EMF @ Broadway	6565	Rain/Stage	Precip.	Gila /Queen Ck	8/10/89	1N-6E-26	33 24 21	111 42 42	1349	1.25in / 1hr
EMF @ Broadway	6568	Rain/Stage	Stream PT	Gila /Queen Ck	8/10/89	1N-6E-26	33 24 21	111 42 42	1349	2.3 ft
EMF @ Queencreek Rd.	6580	Rain/Stage	Precip.	Gila /Queen Ck	1/18/89	2S-6E-15	33 15 50	111 43 35	1317	1.25in / 1hr
EMF @ Queencreek Rd.	6583	Rain/Stage	Stream PT	Gila /Queen Ck	1/18/89	2S-6E-15	33 15 50	111 43 35	1317	2.25 ft
EMF @ Arizona Ave.	6594	Rain/Stage	Float	Gila /Queen Ck	2/10/89	3S-5E-15	33 10 53	111 51 50	1214	3.0 ft
EMF @ Arizona Ave.	6595	Rain/Stage	Precip.	Gila /Queen Ck	2/10/89	3S-5E-15	33 10 53	111 51 50	1214	1.25in / 1hr
Queen Creek Rd.	6610	Rain	Precip.	Gila /Queen Ck	5/13/84	2S-7E-10	33 15 49	111 37 35	1409	1.25in / 1hr
Queen Creek Landfill	6615	Rain	Precip.	Gila /Queen Ck	4/23/93	2S-7E-21	33 13 13	111 38 48	1409	.4in / 1hr
Signal Buttes FRS	6625	Rain/Stage	Precip.	Gila /Queen Ck	2/19/87	1N-7E-13	33 26 25	111 35 25	1650	1.25in / 1hr
Signal Buttes FRS	6628	Rain/Stage	Stream PT	Gila /Queen Ck	2/19/87	1N-7E-13	33 26 25	111 35 25	1650	3.0 ft
Usery Mtn. Park	6640	Rain	Precip.	Gila /Queen Ck	6/20/85	1N-7E-1	33 27 56	111 36 26	1799	1.25in / 1hr
Thunder Mtn.	6655	Rain	Precip.	Gila /Queen Ck	3/31/82	2N-7E-28	33 29 48	111 38 25	2552	1.25in / 1hr
Apache FRS	6670	Rain/Stage	Precip.	Gila /Queen Ck	12/16/81	1N-8E-17	33 26 28	111 33 07	1989	1.25in / 1hr
Apache FRS	6673	Rain/Stage	Stream PT	Gila /Queen Ck	12/16/81	1N-8E-17	33 26 28	111 33 07	1989	5.0 ft
Apache Trail	6675	Rain	Precip.	Gila /Queen Ck	4/14/93	1N-8E-15	33 25 42	111 31 31	1820	1.25in / 1hr
Powerline FRS	6680	Rain/Stage	Precip.	Gila /Queen Ck	12/3/92	1S 8E 09	33 21 06	111 32 34	1580	1.25in / 1hr
Powerline FRS	6683	Rain/Stage	Stream PT	Gila /Queen Ck	12/3/92	1S 8E 09	33 21 06	111 32 34	1580	6.0 ft
Vineyard FRS	6685	Rain/Stage	Precip.	Gila /Queen Ck	11/2/83	1S-8E-9	33 21 06	111 32 34	1582	1.25in / 1hr
Vineyard FRS	6688	Rain/Stage	Stream PT	Gila /Queen Ck	11/2/83	1S-8E-9	33 21 06	111 32 34	1582	4.0 ft
Rittenhouse FRS	6700	Rain/Stage	Precip.	Gila /Queen Ck	9/27/88	2S-8E-2	33 17 22	111 30 26	1580	1.25in / 1hr
Rittenhouse FRS	6703	Rain/Stage	Stream PT	Gila /Queen Ck	9/27/88	2S-8E-2	33 17 22	111 30 26	1580	3.0 ft
Queen Ck @ Rittenhouse	6710	Rain/Stage	Precip.	Gila /Queen Ck	9/14/93	2S-7E-25	33 13 50	111 35 41	1400	1.25in / 1hr
Queen Ck @ Rittenhouse	6713	Rain/Stage	Stream PT	Gila /Queen Ck	9/14/93	2S-7E-25	33 13 50	111 35 41	1400	?
Magma FRS	6715	Rain/Stage	Precip.	Gila /Queen Ck	10/27/88	4S-9E-35	33 07 04	111 24 09	1610	1.25in / 1hr
Magma FRS	6718	Rain/Stage	Stream PT	Gila /Queen Ck	10/27/88	4S-9E-35	33 07 04	111 24 09	1610	3.0 ft
Florence Junction	6730	Rain	Precip.	Gila /Queen Ck	4/18/86	1S-9E-35	33 17 51	111 23 43	1840	1.25in / 1hr
Kings Ranch	6745	Rain/Reptr.	Precip.	Gila /Queen Ck	9/13/81	1N-9E-33	33 23 06	111 25 58	2145	1.25in / 1hr
Kings Ranch	6749	Rain/Reptr.	Batt. Volt.	Gila /Queen Ck	10/29/92	1N-9E-33	33 23 06	111 25 58	2145	12.0 v
Signal Peak	6760	Rain/Reptr.	Precip.	Gila /Queen Ck	9/15/93	-----	33 17 52	110 50 28	7812	1.25in / 1hr
Signal Peak	6764	Rain/Reptr.	Batt. Volt.	Gila /Queen Ck	5/18/93	-----	33 17 52	110 50 28	7812	12.0 v

GAGE NAME	ID #	STA.TYPE	DEV.TYPE	WATERSHED	INSTALLED	T - R - S	LATITUDE	LONGITUDE	ELEV	ALARM
Gila @ St. 85	6800	Rain/Stage	Precip.	Wtrmn/Sauceda	1/30/90	1S-4W-13	33 19 55	112 37 26	825	1.25in / 1hr
Gila @ St. 85	6803	Rain/Stage	Stream PT	Wtrmn/Sauceda	1/30/90	1S-4W-13	33 19 55	112 37 26	825	8.0 ft
Buckeye FRS #3	6810	Rain/Stage	Precip.	Wtrmn/Sauceda	11/23/92	1N-3W-10	33 26 49	112 33 20	1200	1.25in / 1hr
Buckeye FRS #3	6813	Rain/Stage	Stream PT	Wtrmn/Sauceda	11/23/92	1N-3W-10	33 26 49	112 33 20	1200	8.0 ft
White Tanks 4	6820	Rain/Stage	Precip.	Wtrmn/Sauceda	1/9/86	1N-2W-5	33 27 04	112 29 40	1044	.5in / 30m
White Tanks 4	6823	Rain/Stage	Stream PT	Wtrmn/Sauceda	1/9/86	1N-2W-5	33 27 04	112 29 40	1044	4.0 ft
Estrella Park	6840	Rain	Precip.	Wtrmn/Sauceda	2/28/89	1N-1W-33	33 23 08	112 22 24	950	1.25in / 1hr
Gila @ Estrella Pkwy.	6853	Stage	Stream PT	Wtrmn/Sauceda	12/2/92	1N-1W-31	33 23 19	112 23 33	900	14.9 ft
Holly Acres	6860	Rain	Precip.	Wtrmn/Sauceda	1/26/89	1N-1E-31	33 23 12	112 18 08	945	1.25in / 1hr
Waterman Wash	6880	Rain	Precip.	Wtrmn/Sauceda	5/12/83	2S-1W-25	33 13 15	112 18 31	1263	1.25in / 1hr
Estrella Fan	6883	Weather	Peak Wind	Wtmn/Sauceda	7/16/93	2S-1W-12	33 19 15	112 19 15	1425	50 mph
Waterman Wash	6884	Rain/Reptr.	Batt. Volt.	Wtrmn/Sauceda	12/1/92	2S-1W-25	33 13 15	112 18 31	1263	12.0 v
Estrella Fan	6885	Weather	Wind Dir.	Wtrmn/Sauceda	11/15/92	2S-1W-12	33 19 15	112 19 15	1425	none
Estrella Fan	6886	Weather	Wind Run	Wtrmn/Sauceda	11/15/92	2S-1W-12	33 19 15	112 19 15	1425	none
Estrella Fan	6887	Weather	Wind Sp/Dir	Wtrmn/Sauceda	11/15/92	2S-1W-12	33 19 15	112 19 15	1425	none
Estrella Fan	6890	Weather	Precip.	Wtrmn/Sauceda	11/15/92	2S-1W-12	33 19 15	112 19 15	1425	.5in / 30m
Estrella Fan	6891	Weather	Humidity	Wtrmn/Sauceda	11/15/92	2S-1W-12	33 19 15	112 19 15	1425	none
Estrella Fan	6892	Weather	Temperature	Wtrmn/Sauceda	11/15/92	2S-1W-12	33 19 15	112 19 15	1425	none
Estrella Fan	6893	Weather	Stream PT	Wtrmn/Sauceda	4/30/93	2S-1W-12	33 19 15	112 19 15	1425	.5 ft
Estrella Fan	6894	Weather	Solar Rad.	Wtrmn/Sauceda	11/15/92	2S-1W-12	33 19 15	112 19 15	1425	none
Estrella Fan	6898	Weather	Batt. Volt.	Wtrmn/Sauceda	11/15/92	2S-1W-12	33 19 15	112 19 15	1425	12.0 v
Upper Waterman Wash	6900	Rain	Precip.	Wtrmn/Sauceda	6/23/88	4S-2W-11	33 05 25	112 25 25	1600	1.25in / 1hr
Gila Bend Landfill	6910	Rain	Precip.	Wtrmn/Sauceda	4/7/93	5S-4W-32	32 59 20	112 40 29	750	.4in / 1hr
Sauceda Wash	6920	Rain/Stage	Precip.	Wtrmn/Sauceda	2/28/90	6S-5W-04	32 52 27	112 44 57	726	1.25in / 1hr
Sauceda Wash	6923	Rain/Stage	Stream PT	Wtrmn/Sauceda	2/28/90	6S-5W-04	32 52 27	112 44 57	726	2.5 ft
Sand Tanks Wash	6940	Rain	Precip.	Wtrmn/Sauceda	7/21/83	7S-4W-14	32 48 06	112 37 55	1108	1.25in / 1hr
Bender Wash	6960	Rain	Precip.	Wtrmn/Sauceda	1/12/82	6S-3W-14	32 54 39	112 31 56	1243	1.25in / 1hr
Vekol Wash	6980	Rain/Stage	Precip.	Wtrmn/Sauceda	3/7/90	7S-1E-3	32 50 30	112 14 58	1720	1.25in / 1hr
Vekol Wash	6983	Rain/Stage	Stream PT	Wtrmn/Sauceda	3/7/90	7S-1E-3	32 50 30	112 14 58	1720	4.0 ft