

**Typical ALERT Rain/Stream Gage Schematic**

**ANNUAL HYDROLOGIC  
DATA REPORT  
VOLUME I: PRECIPITATION  
WATER YEAR 1998**

# PREFACE

This publication presents precipitation data collected by the Flood Control District of Maricopa County's automated ALERT system. This telemetered flood-detection network is located primarily throughout Maricopa County, Arizona with additional gages in Yavapai, Pinal, Gila, and La Paz Counties.

The data contained in this report was collected, compiled, and edited by the Flood Warning/Data Collection Branch of the Engineering Division. Precipitation data includes daily, monthly, and annual totals for 223 stations maintained by FCDMC.

Information contained herein is as accurate and complete as possible within the limitations of real-time ALERT data collection technology currently available. Wherever possible, footnotes have been included to identify questionable, estimated, or missing data. Reliance upon the accuracy, reliability, or authority of this information is solely the responsibility of the user.

This report is Volume 1 of a 5 Volume set entitled "ALERT Annual Hydrologic Data Report - Water Year 1998". Volumes 2-5 in order are [2] Surface Water Report; [3] Observer Network; [4] Stormwater Monitoring Program; and [5] Weather Data and Alluvial Fan Watershed Summaries. Additional copies of this report, or copies of the companion volumes, may be purchased from:

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2801 W. Durango St.  
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or downloaded from our World Wide Web page at:

**<http://www.fcd.maricopa.gov/alert/alert.htm>**

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# INTRODUCTION

The following paragraphs describe the arrangement, collection, and compilation of data in this report.

1. Data is tabulated for each precipitation gage based on the "1998 Water Year" which begins Oct. 1st, 1997 and ends on Sep. 30th, 1998. Each data page represents one gage, and lists the daily precipitation totals, the monthly totals, the cumulative rainfall by month, the maximum daily value each month, and the number of days with rain. The data pages are arranged in ascending order by sensor ID number.
2. The unit of measurement for daily precipitation totals provided in this report is inches. Annual totals are also provided in millimeters.
3. An index of gage names, numbers, locations, and other descriptors is included as Table I.
4. All of the data in this report has been reviewed and/or edited in an attempt to provide the most accurate data possible. Where possible, inaccurate data is flagged with a footnote describing the time the gage was down, the cumulative rainfall count in millimeters at the beginning and end of the down period, whether or not rain fell during that time, and whether or not monthly and annual totals were affected. For example, a footnote might read " Gage down from 2/12 03:40 (92) through 2/14 13:30 (94) due to lightning strike; rainfall assigned to 2/13", where the values in parentheses are the beginning and end rainfall counts in millimeters.
5. Snow gages were in service during Water-Year 1998. They consist of a 4' tube mounted vertically to the tipping-bucket funnel. Consequently, gages above approximately 5,000 feet will show meltwater following the colder winter events.
6. Table II lists the sensors installed in the FCDMC ALERT System during Water Year 1998 and their installation dates. Table III lists the annual rainfall total for each gage, sorted by decreasing amount, along with Water-Year totals for 1998, 1997, 1996 and 1995. Table III can also be used as a quick reference to determine which gages were installed during the Water Year, which had incomplete records, and which had estimated totals. In the case of estimated totals, one or more daily totals were calculated using either the Isohyetal or Thiessen polygon methods applied to nearby rain stations.
7. Additional and/or more detailed sensor data in hard copy or computer disk format is available for the gages listed in this report. Contact the Flood Control District, Engineering Division, Flood Warning/Water Quality Branch at (602) 506-8701.
8. Note on data compilation: Nearly all automatic rain gages in this network measure rainfall depth in 1mm increments. The base station computer which collects the data uses the equation  $1\text{mm} = 1/25.4$  or 0.03937 inches to convert millimeters to inches. As a result, daily totals may sum to a slightly different total than the reported monthly total (which is more accurate than the sum of the daily totals) because of rounding errors. In the same way, the annual totals reported in Table III may not match exactly the sum of the monthly totals, but can be considered more accurate.
9. Note on the accuracy of monthly and annual totals: Because automatic ALERT gages are designed for flood warning applications, there is some inherent error associated with their use in maintaining accurate long-term records. The majority of tipping buckets collect rainfall in 1mm increments before sending a signal and dumping the accumulated rainfall. Because evaporation often dries the bucket between storms, the measurement error averages out to be 0.05 mm (0.02 in) times the number of rainfall events during the period of interest (month or year). It is also conceivable that during times of low evaporation and/or short times between storms that the bucket could be partially or nearly full at the start of a rainstorm. Other errors can be introduced by the effects of gage height, calibration errors, and the physical environment (trees, buildings, wind patterns) near the gage.

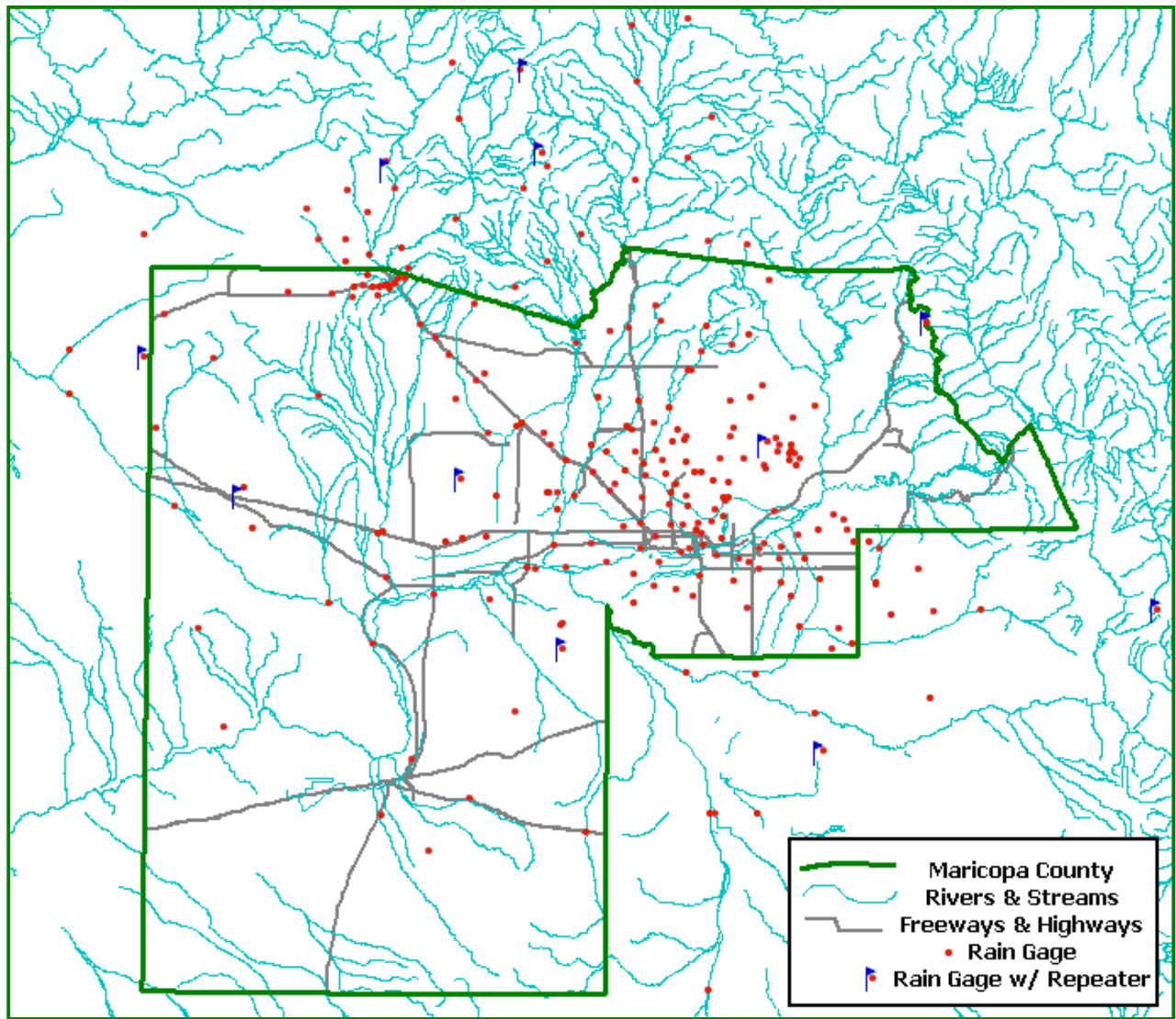
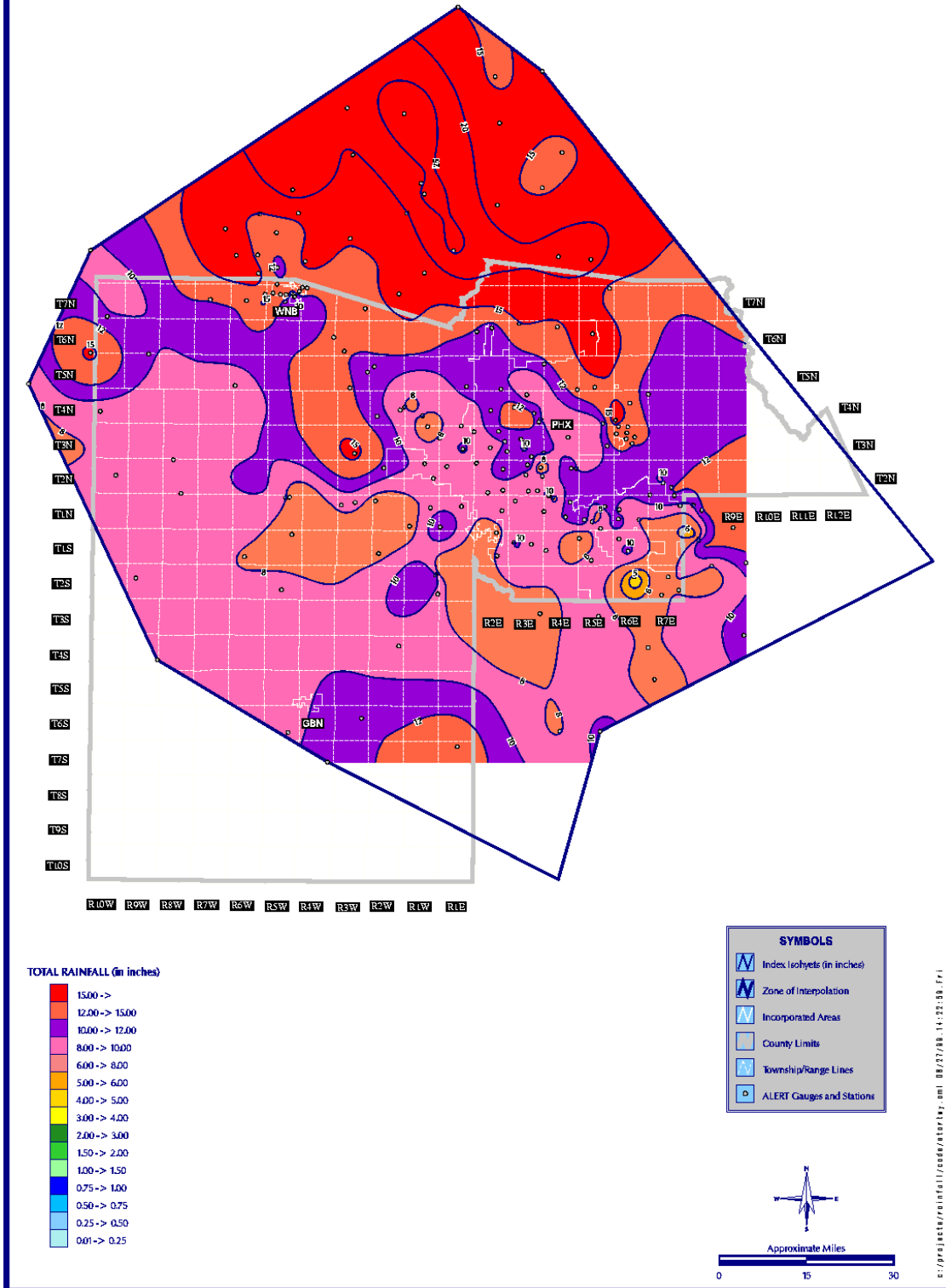


Figure 1

## General Map of Rain Gage Locations

# MARICOPA COUNTY ANNUAL RAINFALL DISTRIBUTION FOR WATER YEAR 1998



**FIGURE 2**

## Flood Control District of Maricopa County

### ALERT System Sensor Database - Precipitation Sensors

Sensor Name	Sensor ID	Installed	T-R-S	Latitude	Longitude	Elevation	Location
Sacaton Peak	750	06/11/96	5S-7E-07	33 00 20	111 40 30	2680	4.5 miles E. of the SR387 / I-10 junction
Tat Momolikot Dam	770	01/29/98	9S-4E-30	32 39 02	111 55 36	1560	19 miles SW of Casa Grande
Gila @ Maricopa Rd	775	04/09/95	3S-3E-13	33 10 16	112 00 21	1120	Gila River at Maricopa Road bridge
Gila @ Olberg	780	04/12/95	4S-6E-12	33 06 50	111 41 15	1290	Gila River at Olberg Bridge, 3 mi. ENE of Sacaton
Santa Cruz @ SR 84	785	03/16/94	7S-5E-21	32 52 55	111 49 45	1311	3 mi. West of SR 93 (Casa Grande) on SR 84
Santa Rosa @ SR 84	795	03/16/94	7S-4E-20	32 52 39	111 56 51	1305	11 mi. West of SR 93 (Casa Grande) on SR 84
Cesar Chavez Park	4500	08/08/90	1S-2E-3	33 22 22	112 08 08	1070	South end of park, 35th Ave. and Baseline Rd.
Salt R. @ I-10	4505	12/21/95	1N-3E-23	33 25 06	112 02 49	1115	I-10 Bridge at Salt River
Roeser @ 2nd St.	4510	01/29/91	1N-3E-29	33 23 58	112 04 11	1079	1/2 mi. SSE of Broadway Rd. and Central Ave.
Salt R. @ 40th St.	4515	03/22/96	1N-3E-13	33 25 22	111 59 54	1101	South side of Salt River near 40th St.
Salt R. @ Priest Dr.	4520	09/21/95	1N-4E-17	33 26 00	111 57 43	1133	West side of Salt River bridge at Priest Drive
ASU South	4525	07/14/95	1N-4E-22	33 24 45	111 55 51	1160	1/4 mi. NNE of Broadway Rd. and Mill Ave.
Kleinman Park	4530	03/26/91	1N-5E-28	33 24 03	111 51 02	1220	1/2 mi. SE of Broadway Rd. and Alma School Rd.
Broadway @ Dobson	4535	10/01/95	1N-5E-30	33 24 17	111 52 31	1210	1/8 mi. SW of Broadway Rd. & Dobson Rd.
Fitch Park	4540	03/27/91	1N-5E-15	33 25 42	111 49 35	1245	1/2 mi. N of University Dr. and Center St.
Brown Rd. @ Horne	4545	11/06/95	1N-5E-11	33 26 15	111 48 47	1265	100 yards N. of Brown Rd. @ Horne, Mesa
Mountain View Park	4550	03/21/91	1N-6E-17	33 25 52	111 46 14	1280	1/2 mi. N of University Dr. and Lindsay Rd.
Falcon Field	4555	10/01/95	1N-6E-03	33 27 17	111 43 45	1380	1/4 mi. NE of McKellips Rd. & Greenfield Rd.
Spookhill FRS	4560	03/13/84	2N-7E-31	33 28 01	111 40 48	1595	1/2 mi. N of McDowell Rd. and Bush Highway
Salt River Landfill	4580	01/30/98	2N-5E-24	33 30 16	111 47 13	1200	1/4 mi. N of Gilbert
Pima @ Union Hills	4590	10/22/97	4N-4E-36	33 39 19	111 53 48	1640	1/4 mi. west of Pima Rd. @ Union Hills
Pinnacle Peak Vista	4595	04/21/98	4N-5E-19	33 40 28	111 53 06	1950	1/2 mi. SSE of Deer Valley Rd. and Pima Rd.
IBW @ McKellips Rd.	4600	05/21/85	1N-4E-11	33 26 58	111 54 58	1187	On Indian Bend Wash 1/4 mi. South of McKellips
Osborn @ 64 <sup>th</sup> St.	4605	10/22/97	2N-4E-27	33 29 05	111 56 33	1290	200 yards east of Osborn Rd. @ 64 <sup>th</sup> St.
IBW @ Indian Bend Rd.	4610	09/28/83	2N-4E-11	33 32 00	111 54 53	1071	On Indian Bend Wash just S. of Indian Bend Rd.
IBW @ Indian School Rd.	4615	11/26/97	2N-4E-23	33 29 28	111 54 20	1235	Indian School Rd. @ Hayden Rd.
IBW @ Interceptor	4620	01/01/89	2N-4E-12	33 31 57	111 53 55	1071	1/4 mi. SW of Pima Rd. & Indian Bend Rd.
Highland @ 68 <sup>th</sup> St.	4625	11/13/97	2N-4E-22	33 30 28	111 56 10	1290	1/4 mi. north of Highland @ 68 <sup>th</sup> St.
Thunderbird Academy	4630	08/04/81	3N-4E-14	33 36 38	111 55 22	1448	1/4 mi. ESE of Thunderbird Rd. and Scottsdale Rd.
Tatum Wash @ 40th St.	4635	06/03/94	3N-4E-30	33 34 16	111 59 44	1300	Just S. of 40th St. and Mountain View Rd.
IBW @ Sweetwater	4640	12/27/90	3N-3E-13	33 36 15	112 00 18	1400	1/2 mi. E of 32nd St. and Sweetwater Ave.
East Fork CC #1	4645	03/02/94	4N-3E-23	33 40 05	112 01 15	1515	1/4 mi. E of Beardsley Rd. and Cave Creek Rd.
Paradise Valley Park	4650	02/27/89	4N-3E-36	33 39 17	112 00 13	1494	1/2 mi. E of Union Hills Dr. and 32nd St.
East Fork CC #4	4655	01/18/94	4N-3E-25	33 38 31	112 01 01	1456	1/4 mi. S of Union Hills Dr. and 32nd St.
Lost Dog Wash	4660	07/13/90	3N-5E-23	33 36 02	111 48 02	1700	1/2 mi. NNW of Shea Blvd. and 128th St.
EFCC near 7 <sup>th</sup> Ave.	4665	05/08/97	3N-6E-05	33 37 43	112 04 50	1325	Near 7 <sup>th</sup> Ave., 1/2 mi. South of Greenway Rd.

Sensor Name	Sensor ID	Installed	T-R-S	Latitude	Longitude	Elevation	Location
Pima @ Jomax	4670	05/06/93	5N-4E-36	33 43 44	111 53 42	2180	1/8 mi. NW of Pima Rd. and Jomax Rd.
Lake Marguarite	4675	11/25/97	3N-4E-36	33 33 49	111 53 56	1325	1/4 mi. west of Doubletree and Hayden
East Fork CC #3	4680	09/13/94	4N-3E-34	33 38 44	112 02 24	1456	1/2 mi. SW of Union Hills Dr. and Cave Creek Rd.
Berneil Wash	4685	07/30/98	3N-4E-34	33 33 59	111 56 16	1340	Doubletree @ Invergordon
IBW @ Shea Blvd.	4690	06/09/98	3N-4E-29	33 34 56	111 58 08	1350	Shea Blvd. @ 52 <sup>nd</sup> St.
Aztec Park	4695	02/03/98	3N-5E-17	33 36 36	111 51 53	1530	Thunderbird Rd. @ Frank Lloyd Wright Blvd.
Durango Complex .01	4699	02/24/94	1N-2E-14	33 25 41	112 07 09	1050	27th Ave. and Durango St.
Durango Complex	4700	06/04/80	1N-2E-14	33 25 41	112 07 09	1050	27th Ave. and Durango St.
Jefferson @ 4th Ave.	4710	01/29/91	1N-3E-8	33 27 08	112 04 48	1080	County Building, 4th Ave. and Jefferson St.
Grand @ 27 <sup>th</sup> Ave.	4715	10/11/96	2N-3E-35	33 29 00	112 08 28	1100	Near 28 <sup>th</sup> Ave. and Grand Ave.
Thomas @ 16th St.	4720	01/17/91	1N-3E-24	33 28 37	112 02 27	1120	16 <sup>th</sup> St. at Thomas Rd.
Perry Park	4730	08/22/90	2N-3E-35	33 28 39	112 00 50	1160	1/8 mi. S. of Thomas Rd. and 32nd St.
Papago Park	4740	08/15/90	1N-4E-5	33 27 37	111 58 07	1200	1/4 mi. N. of McDowell Rd. and 52nd St.
Old X-cut @ McDowell	4745	07/27/94	1N-4E-06	33 27 55	111 58 49	1250	McDowell Rd. at Hohokam Expressway
Thomas @ 48th St.	4750	01/30/91	1N-4E-31	33 28 49	111 58 46	1200	Thomas Rd. and 48th St.
Salt River @ 67 <sup>th</sup> Ave.	4755	04/23/98	1N-1E-25	33 24 00	112 12 10	1000	67 <sup>th</sup> Ave. @ Roeser St.
Maryvale Muni Golf	4760	08/17/89	2N-2E-19	33 28 21	112 09 40	1200	1/4 mi. N of Indian School Rd. and 59th Ave.
Buckeye @ 75th Ave.	4765	08/01/96	1N-1E-11	33 26 43	112 13 30	1004	1/4 mi. N. of Buckeye Rd. and 75th Ave.
City of Glendale	4770	07/13/89	2N-2E-6	33 32 45	112 11 43	1148	Grand Avenue at 63rd Avenue
Maryland @ 27th Av	4775	12/22/94	2N-2E-11	33 33 53	112 06 50	1200	Near I-17, 1/2 mi. North of Bethany Home Rd.
Missouri @ 16th St.	4780	01/17/91	2N-3E-16	33 31 01	112 02 53	1155	1/2 mi. North of Camelback Rd. and 16th St.
Butler Park	4785	09/09/98	3N-2E-32	33 33 41	112 10 48	1200	1/4 mi. SE of 59 <sup>th</sup> Ave. and Olive Ave.
Paradise Valley CC	4790	07/13/89	2N-4E-9	33 32 07	112 00 13	1494	1/2 mi. North of Lincoln Dr. and Tatum Blvd.
Dreamy Draw Dam	4800	01/24/84	3N-3E-34	33 33 45	112 01 54	1407	1/4 mi. SSW of the 24th St. and Dulap Ave. alignments
ACDC @ 36th St.	4805	02/24/94	2N-3E-13	33 30 09	112 00 00	1260	1/2 mi. North of 36th St. and Camelback Rd.
ACDC @ 14th St.	4810	02/09/94	2N-3E-4	33 32 31	112 02 35	1230	1/2 mi. North of Glendale Ave. and 14th St.
10 <sup>th</sup> St. Wash Basin #1	4815	10/23/96	3N-3E-28	33 34 47	112 03 16	1150	1/4 mi. SW of Peoria Ave. and Cave Creek Rd.
ACDC @ 43rd Ave.	4820	11/14/90	3N-2E-22	33 35 03	112 09 16	1225	1/4 mi. NW of Peoria Ave. and 43rd Ave.
Cave Creek @ Cactus	4830	06/27/91	3N-2E-13	33 35 56	112 07 01	1280	1/4 mi. ENE of I-17 and Cactus Rd.
ACDC @ Cave Creek	4835	03/11/97	3N-2E-25	33 22 12	112 07 12	1243	Mountain View Rd. near 23 <sup>rd</sup> Ave.
Greenway @ 32nd Ave.	4840	01/31/91	3N-2E-2	33 37 31	112 07 45	1300	1/4 mi. East of Greenway Rd. and 32nd Ave.
T-bird @ 7 <sup>th</sup> Street	4850	10/17/96	3N-3E-16	33 36 16	112 04 09	1092	1/4 mi. SW of Thunderbird Rd. and 7 <sup>th</sup> Street
Cave Buttes Dam	4900	01/25/84	4N-3E-15	33 42 58	112 02 43	1649	1/4 mi. North of the Happy Valley Rd. & 16th St. alignments
Cave Creek Landfill	4915	04/22/93	5N-4E-07	33 47 33	111 59 47	1627	1/2 mi. E of Carefree Hwy. and the 40th St. alignment
Cave Cr. @ Spur Cross	4920	06/16/93	6N-4E-04	33 53 05	111 57 17	2280	3.5 mi. North of the Town of Cave Creek
Carefree Ranch	4930	07/15/85	6N-5E-16	33 52 03	111 51 00	3200	3.5 mi. NE of Sky ranch Airport
Reata Pass Dam	4935	02/25/93	5N-5E-33	33 44 06	111 50 36	2600	1/2 mi. South of Dynamite Blvd. and 112th St.
Humboldt Mtn.	4940	07/14/81	7N-5E-6	33 58 48	111 47 56	5198	13 mi. NE of the Town of Cave Creek
Seven Springs	4950	11/12/81	8N-5E-8	34 03 06	111 51 17	4595	15 mi. NNE of the Town of Cave Creek
Mt. Oatman	5000	04/30/80	4S-9W-25	33 03 05	113 08 15	1720	8 mi. WSW of Painted Rock Dam
Gila Bend Mountains	5050	06/01/88	2S-9W-17	33 14 28	113 12 14	1620	16 mi. NW of Painted Rock Dam off Agua Caliente Rd.



Sensor Name	Sensor ID	Installed	T-R-S	Latitude	Longitude	Elevation	Location
Centennial @ Wenden	5090	09/02/98	6N-12W-32	33 49 27	113 32 00	1850	5.5 mi. NE of Salome on US60 bridge
Centennial Railroad	5100	02/09/90	1S-6W-28	33 18 35	112 52 56	850	8 mi. NW of Old US 80 at the Gila River
Saddleback FRS	5110	12/16/88	2N-10W-34	33 27 55	113 04 21	1177	7 mi. WSW of Tonopah in Harquahala Valley
Centennial Levee	5120	03/07/84	2N-10W-17	33 30 48	113 16 32	1298	2 mi S. of I-10 and 1 mi. E. of West County border
Harquahala FRS	5125	09/15/93	2N-8W-05	33 32 54	113 05 52	1420	10 mi. WNW of Tonopah in Harquahala Valley
Upper Tiger Wash	5130	09/12/80	5N-9W-2	33 48 40	113 10 25	2198	11 mi. S. of Aguila off Eagle Eye Road
Tiger Wash Fan	5140	09/21/94	4N-10W-20	33 40 06	113 18 54	1605	1 mi. W of Eagle Eye Rd. and 4 mi. N of Salome Highway
Narrows Dam	5150	09/01/94	4N-12W-04	33 43 29	113 30 45	1960	5 mi. SE of Salome off Salome Highway
Gladden	5170	02/02/82	7N-10W-33	33 54 09	113 17 54	2198	US 60 at Gladden, 34 miles W of Wickenburg
Centennial Wash	5180	11/19/81	7N-7W-16	33 57 03	113 00 02	2417	1 mi. N of US 60, 19 mi. W of Wickenburg
Harquahala Mtn.	5185	02/10/94	5N-10W-06	33 48 43	113 20 48	5681	Top of Harquahala Mtn., 36 mi. WSW of Wickenburg
Smith Peak	5190	05/05/80	8N-11W-1	34 04 00	113 21 03	5131	Harcuvar Mtns., 13 mi. NW of Aguila
Buckeye FRS #1	5200	07/26/83	1N-5W-3	33 29 24	112 44 02	1097	West end of Buckeye FRS #1, I-10 @ Hassayampa River
Buckeye FRS #2	5205	11/11/92	1N-3W-07	33 26 26	112 35 47	1150	West end of Buckeye FRS #2, 5 mi N of Buckeye
Hassayampa Landfill	5210	04/15/93	1S-5W-02	33 21 59	112 44 33	900	2 mi. NW of Hassayampa
Jackrabbit Wash	5215	09/14/82	5N-6W-31	33 44 08	112 54 54	1798	16 mi. NNE of Tonopah, 20 mi. SSW of Wickenburg
Morristown	5220	05/13/92	6N-4W-13	33 51 21	112 37 29	1978	US 60/93 at Morristown, 10 mi. SE of Wickenburg
Hassy R. @ US 60	5225	03/14/94	7N-5W-12	33 58 42	112 43 40	2035	Hassayampa River at US 60/93 in Wickenburg
Sunset FRS	5230	02/12/89	7N-5W-11	33 57 50	112 44 33	2100	3/4 mi. WSW of the US 60 / US 93 intersection in Wickenburg
Sunnycove FRS	5245	07/31/86	7N-5W-11	33 57 25	112 44 24	2200	1 mi. SW of the US 60 / US 93 intersection in Wickenburg
Vulture Mine	5260	10/14/81	7N-5W-15	33 56 42	112 46 07	2311	3 mi. SW of Wickenburg
Sols Wash	5275	09/24/81	8N-7W-13	34 07 25	112 56 55	2771	Intersection of SR 71 and US 93, 16 mi. NW of Wickenburg
Hassayampa R. @ I-10	5280	11/09/94	1N-5W-03	33 27 33	112 45 46	1035	I-10 bridge over Hassayampa River, 12 mi WNW of Buckeye
Yarnell Hill	5290	07/13/81	10N-5W-11	34 13 21	112 44 53	5128	1 mi. ENE of Yarnell, Yavapai County
Hassy R. @ Box Canyon	5305	11/17/83	8N-4W-7	33 58 11	112 43 38	2245	6 mi. N of Wickenburg on Hassayampa River, Yavapai County
O'Brien	5320	11/03/82	9N-3W-21	34 03 48	112 34 20	2798	11 mi. NE of Wickenburg, Yavapai County
Minnehaha	5335	06/16/81	10N-1W-31	34 10 00	112 22 30	5602	8 mi. E of Wagoner, Yavapai County
Towers Mtn.	5340	05/01/92	10N-1W-15	34 14 24	112 21 47	7528	3 mi. NW of Crown King, Yavapai County
Hassy R. @ Wagoner Rd.	5350	12/19/83	11N-3W-9	34 18 38	112 34 05	3785	6 mi. ESE of Kirkland Junction
Wilhoit	5365	09/24/81	13N-3W-32	34 26 36	112 36 47	5043	At Wilhoit, 10 mi. SSW of Prescott, Yavapai County
Mt. Union	5380	08/16/82	12N-2W-1	34 24 47	112 24 54	7495	Top of Mt. Union, 10 mi. SSE of Prescott
Agua Fria @ Buckeye	5400	10/11/88	1N-1W-14	33 26 05	112 19 54	940	Buckeye Rd. Bridge over Agua Fria River, nr Avondale
Colter @ El Mirage	5405	06/29/94	2N-1W-13	33 30 38	112 19 32	1025	1/4 mi. N of Camelback and El Mirage Rd.
Dysart Drain @ LAFB	5410	08/22/96	2N-1W-03	33 32 38	112 20 57	1090	1/4 mi. West of Northern Ave. & Litchfield Rd.
White Tanks 3	5415	03/12/86	2N-2W-9	33 32 01	112 28 14	1190	4 mi. N of I-10 on Jackrabbit Trail alignment
White Tanks E. Peak	5430	05/15/80	3N-3W-27	33 34 08	112 33 29	4031	Top of White Tank Mtns., 13 mi. N of Buckeye
McMicken Floodway	5435	09/03/92	4N-1W-18	33 41 04	112 24 33	1337	1/2 mi. N of Grand Ave. and Deer Valley Rd.
McMicken Dam	5445	03/24/83	4N-2W-24	33 40 38	112 25 23	1361	N. end of the dam, 1/4 mi SE of Deer Valley Rd and Cotton Ln
Patton Rd.	5450	05/13/92	5N-3W-33	33 43 53	112 34 23	2683	7 mi. E of Grand Ave. on Patton Rd.
Wittmann	5455	05/13/92	5N-3W-13	33 46 15	112 31 14	1653	US 60/93 at Wittmann, 4 mi. SE of Circle City
Chrysler P. Grounds	5460	10/31/90	5N-2W-7	33 47 04	112 30 03	1720	3 mi. ESE of Circle City, 1.5 mi. N of Wittmann

Sensor Name	Sensor ID	Installed	T-R-S	Latitude	Longitude	Elevation	Location
NW Regional Landfill	5465	04/27/93	4N-2W-17	33 39 40	112 29 30	1890	Near 195th Ave. and Deer Valley Rd.
Circle City	5475	09/17/82	6N-3W-32	33 49 22	112 35 25	1890	Along US 60/93, 14 mi. SE of Wickenburg
Castle Hot Springs	5490	10/20/81	7N-3W-24	33 55 42	112 31 42	2683	6 mi. NE from US 60/93 on Castle Hot Springs Rd.
Agua Fria @ Grand Ave.	5500	04/27/94	3N-1E-18	33 36 25	112 18 16	1125	Grand Ave. bridge at Agua Fria River
New River @ Glendale	5505	03/21/90	3N-1E-8	33 32 14	112 17 00	1050	1/2 mi. E of 99th Ave. on Glendale Ave. bridge
Dysart @ Bell Rd.	5510	10/19/92	3N 1W 02	33 38 11	112 20 27	1190	Dysart Rd. at Bell Rd., Surprise
Sun City West	5515	03/30/95	4N-1W-27	33 39 54	112 21 25	1335	1/4 mi. SE of the Beardsley Rd. & Litchfield Rd. alignments
ACDC @ 67th Ave.	5520	06/07/90	3N-1E-12	33 37 26	112 12 10	1220	67th Ave. Bridge at Arizona Canal, Glendale
Grand @ Peoria Ave.	5525	07/11/96	3N-1E-22	33 35 00	112 15 30	1114	Intersection of Grand Ave. and Peoria Ave.
Adobe Dam	5535	10/28/82	4N-2E-21	33 40 37	112 09 12	1413	1/4 mi. South of Deer Valley Rd. & 43rd Ave.
Deer Valley Airport	5550	01/23/91	4N-3E-18	33 41 06	112 04 59	1445	Deer Valley Rd. and 7th Ave.
Skunk Creek @ I-17	5565	10/26/89	5N-2E-35	33 43 47	112 07 21	1475	I-17 at Jomax Rd. alignment
Upper Skunk Creek	5580	09/19/80	6N-3E-5	33 53 35	112 04 05	2109	4 mi. E of New River
New River @ Bell Rd.	5595	04/04/90	3N-1E-3	33 38 18	112 14 27	1200	Bell Rd. at 83rd Ave.
New River Dam	5610	04/15/86	5N-1E-35	33 44 09	112 13 31	1498	1/2 mi. NE of Jomax Rd. and 83rd Ave.
Sunup Ranch	5625	03/21/84	6N-2E-03	33 53 36	112 08 20	2141	1 mi. SSW of New River
New River Landfill	5630	04/29/93	8N-2E-08	33 52 20	112 11 40	1508	4 mi. ENE of New Waddell Dam
Cooks Mesa	5640	03/21/84	8N-4E-4	34 03 34	111 57 06	4565	10 mi. E of Black Canyon City in the New River Mtns.
Garfias Mtn.	5670	04/14/81	7N-2W-1	33 57 55	112 25 43	2645	6 mi. WSW of Castle Hot Springs, off Castle Hot Springs Rd.
Columbia Hill	5685	05/28/81	8N-1W-22	34 01 04	112 21 09	2393	5 mi. NNW of Castle Hot Springs
Horsethief Basin	5700	11/24/86	9N-1E-33	34 06 19	112 20 49	6702	At HB Recreation Area, 6 mi. SE of Crown King
Crown King	5715	05/10/83	10N-1W-15	34 12 50	112 21 14	6783	Crown King, Bradshaw Mtns, 24 mi. SSE of Prescott
Sunset Point	5730	06/09/81	9N-2E-23	34 11 13	112 08 04	3378	Sunset Point Rest Area on I-17, 10 mi. N of Black Canyon City
Horseshoe Ranch	5745	03/09/85	10N-3E-24	34 13 50	112 00 00	3805	10 mi. SE of Cordes Junction
Horner Mtn. Ranch	5760	02/13/81	11N-4E-4	34 31 53	111 56 44	4407	11 mi. ENE of Cordes Junction
Arizona Hunt Club	5775	02/18/81	12N-2E-27	34 23 26	112 07 42	3805	5 mi. NNW of Cordes Junction
I-17 @ 169	5790	10/06/87	13N-3E-3	34 31 10	112 00 02	4750	I-17 at SR 169 (Cherry Rd.)
Dewey	5805	06/18/81	13N-2E-8	34 30 21	112 08 32	4775	5 mi. E of Dewey off Orme Ranch Rd.
Prescott Valley	5820	12/07/82	15N-1E-16	34 40 43	112 15 16	5228	5 mi. N of the intersection of SR 69 and Roberts Rd.
Asher Hills	5900	08/02/90	4N-6E-1	33 43 03	111 41 01	1680	Off Asher Dr. in McDowell Mtn. Park, 1 mi. W of Rio Verde
McDowell Mtn. Park	5915	08/06/90	4N-6E-16	33 57 03	111 44 42	2040	Palisades Dr. in McDowell Mtn. Park, 4 mi. WSW of Rio Verde
Fraesfield Mtn.	5930	07/28/89	5N-5E-23	33 45 41	111 48 51	2661	Near the alignments of Dixaleta Dr. and 128th St.
Thompson Peak	5945	06/11/80	4N-5E-35	33 38 40	111 49 11	3993	On Thompson Peak, 120th St. and Bell Rd. alignments
Fountain Hills	5950	12/09/93	3N-6E-15	33 36 40	111 43 29	2284	At Palisades Blvd. Fire Station, nr xseccn with Fntrn. Hills Blvd.
Mt. Ord	5960	07/01/83	7N-9E-34	33 53 25	111 24 20	7139	Top of Mt. Ord, 4 mi. E of Sunflower in the Mazatzal Mountains
Stone Ridge Dam	5965	12/11/96	3N-6E-22	33 35 41	111 44 01	1710	1/4 mi. W. of Cholla Dr. and Fountain Hills Blvd.
SunRidge Canyon Dam	5970	2/4/97	3N-6E-16	33 16 18	111 45 06	1932	200 yards W. of Lago Blvd and Palisades Blvd.
Cloudburst Wash	5975	03/13/97	3N-6E-07	33 37 13	111 46 37	2440	2 mi. NW of SunRidge Golf Course, Fountain Hills
North Heights Dam	5980	10/11/96	3N-6E-09	33 37 21	111 44 54	1819	400 yards SW of Sierra Madre Dr. and Golden Eagle Blvd.
Golden Eagle Blvd.	5985	2/12/97	3N-6E-05	33 38 40	111 45 59	1903	NW1/4 of Section at Chaparral Water Tank
Hesperus Dam	5990	12/18/96	3N-6E-04	33 38 14	111 44 47	1894	1/4 mi. N. of Richwood Ave. and Golden Eagle Blvd.

Sensor Name	Sensor ID	Installed	T-R-S	Latitude	Longitude	Elevation	Location
Hesperus Wash	5995	03/10/97	4N-6E-31	33 32 59	111 46 53	2280	NW1/4 of T4N-R6E-Section 31 near Dixie Mine
Guadalupe FRS	6500	06/29/89	1S-4E-5	33 22 16	111 58 10	1250	1/4 mi. SSW of Baseline Rd. and I-10
South Mountain Park	6510	09/28/82	1S-3E-11	33 20 46	112 02 59	2135	Alignments of Elliot Rd. and 24th St.
Carriage Lane Park	6520	03/26/91	1S-5E-7	33 21 34	111 53 22	1200	1/2 mi. South of Price Rd. and Guadalupe Rd.
South Mtn. Park HQ	6525	05/01/97	1S-2E-26	33 18 55	112 08 03	1251	Alignments of Elliot Rd. and 7 <sup>th</sup> Ave.
Chandler @ Alma Schl	6530	07/25/96	1S-5E-33	33 18 15	11 50 43	1527	1/4 mi. SE of Chandler Blvd. and Alma School Rd.
Mesa Tower	6540	07/19/89	1N-5E-35	33 23 01	111 49 34	1215	1/4 mi. NW of McQueen Rd. and Baseline Rd.
Broadway @ Lindsay	6545	09/29/95	1N-6E-14	33 24 23	111 46 25	1250	1/4 mi. E of Broadway Rd. & Lindsay Rd.
Ahwatukee	6550	03/04/96	1S-4E-19	33 19 44	111 59 18	1280	1/2 mi. South of the 43rd Ave. and Warner Rd. alignments
South Mountain Fan	6560	06/09/93	1S-2E-26	33 18 57	112 08 25	1420	Alignments of Ray Rd. and 35th Ave. in S. Mtn. Park
EMF @ Broadway	6570	08/10/89	1N-6E-26	33 24 21	111 42 42	1349	1/2 mi. SSE of Broadway Rd. and Higley Rd.
EMF @ Queencreek Rd.	6580	01/18/89	2S-6E-15	33 15 50	111 43 35	1317	1/3 mi. West of Queen Creek Rd. and Higley Rd.
EMF @ Arizona Ave.	6595	02/10/89	3S-5E-15	33 10 53	111 51 50	1214	On the SR 587 bridge 3 mi. South of Riggs Rd.
Guadalupe Channel	6600	08/07/98	1S-7E-06	33 21 48	111 40 33	1360	1/4 mi. E of Power Rd. @ Guadalupe Rd.
Freestone Basin	6605	12/19/95	1S-6E-08	33 21 29	111 46 21	1450	1/2 mi. SSE of Guadalupe Rd. and Lindsay Rd.
Queen Creek Rd.	6610	05/13/84	2S-7E-10	33 15 49	111 37 35	1409	1/4 mi. NE of Queen Creek Rd. and Ellsworth Rd.
Queen Creek Landfill	6615	04/23/93	2S-7E-21	33 13 13	111 38 48	1409	1/2 mi. SW of Ocotillo Rd. and Ellsworth Rd.
Crossroads Park	6620	12/18/95	1S-6E-21	33 19 40	111 44 49	1270	1/2 mi. NW of Ray Rd. and Greenfield Rd.
Signal Buttes FRS	6625	11/10/87	1N-7E-12	33 26 25	111 35 25	1650	1/4 mi. NE of Signal Butte Rd. and Brown Rd.
Usery Mtn. Park	6640	06/20/85	2N-7E-35	33 27 56	111 36 26	1799	1/3 mi. East of the McDowell Rd. and Crismon Rd. alignments
Usery Park WS	6650	02/24/94	2N-7E-27	33 29 07	111 36 58	2115	1/4 mi. WNW of the Crismon Rd. and Thomas Rd. alignments
Thunder Mtn.	6655	03/31/82	2N-7E-28	33 29 48	111 38 25	2552	1/2 mi. W. of the Ellsworth Rd. and Indian School Rd. alignments
Apache Junction FRS	6670	12/16/81	1N-8E-8	33 26 28	111 33 07	1989	1/3 mi. NW of Lost Dutchman Blvd. and Idaho Rd.
Apache Trail	6675	04/14/93	1N-8E-21	33 25 42	111 31 31	1820	1/3 mi. NE of Broadway Rd. and Idaho Rd.
Powerline FRS	6680	12/03/92	1S 8E 09	33 21 06	111 32 34	1580	Alignments of Idaho Rd. and Warner Rd.
Vineyard FRS	6685	11/02/83	1S-8E-9	33 21 06	111 32 34	1582	Alignments of Tomahawk Rd. and Williams Field Rd.
Rittenhouse FRS	6700	09/27/88	2S-8E-2	33 17 22	111 30 26	1580	Alignments of Goldfield Rd. and Germann Rd.
Queen Ck @ Rittenhouse	6710	09/14/93	2S-7E-25	33 13 50	111 35 41	1400	1/3 mi. SE of the Signal Butte and Chandler Heights alignments
Magma FRS	6715	10/27/88	4S-9E-35	33 07 04	111 24 09	1610	7 mi. NNW of Florence
Florence Junction	6730	04/18/86	1S-9E-35	33 17 51	111 23 43	1840	1.5 mi. NW of Florence Junction
Whitlow Ranch Dam	6740	01/08/99	1S-10E-3	33 17 57	111 16 13	2200	5 mi. NE of Florence Junction
Kings Ranch	6745	09/13/81	1N-9E-33	33 23 06	111 25 58	2145	7 mi. ESE of Apache Junction
Signal Peak	6760	09/15/93	1S-15E-33	33 17 52	110 50 28	7812	8 mi. SSW of Globe
Buckeye FRS #3	6810	11/23/92	1N-3W-10	33 26 49	112 33 20	1200	1/4 mi. NE of I-10 and Watson Rd.
White Tanks 4	6820	01/09/86	1N-2W-5	33 27 04	112 29 40	1044	1/4 mi. NE of Tuthill Rd. and Van Buren St.
Tuthill @ Ray Rd.	6840	12/22/94	1S-2W-20	33 19 25	111 29 56	1000	1/2 mi. East of Tuthill Rd. and Ray Rd.
Gila @ Estrella Pkwy.	6850	02/28/89	1N-1W-31	33 23 19	112 23 33	900	Gila River at Estrella Parkway
Holly Acres	6860	01/26/89	1N-1E-31	33 23 12	112 18 08	945	1/2 mi. SW of Southern Ave. and 107th Ave.
Waterman Wash	6880	05/12/83	2S-1W-25	33 13 15	112 18 31	1263	El Mirage Rd. and Riggs Rd. alignments
Estrella Fan	6890	11/15/92	2S-1W-12	33 16 08	112 19 15	1425	Alignments of El Mirage Rd. and Germann Rd.
Upper Waterman Wash	6900	06/23/88	4S-2W-11	33 05 25	112 25 25	1600	10 mi. WNW of Mobile

Sensor Name	Sensor ID	Installed	T-R-S	Latitude	Longitude	Elevation	Location
Gillespie Dam	6905	04/12/94	2S-5W-28	33 13 45	112 46 18	760	Gila River at Old US 80
Gila Bend Landfill	6910	04/07/93	5S-4W-20	32 59 20	112 40 29	750	3 mi. North of the intersection of US 80 and I-8
Sauceda Wash	6920	02/28/90	6S-5W-04	32 52 27	112 44 57	726	6 mi. SSW of Gila Bend
Sand Tanks Wash	6940	07/21/83	7S-4W-14	32 48 06	112 37 55	1108	9 mi. SSE of Gila Bend
Bender Wash	6960	01/12/82	6S-3W-14	32 54 39	112 31 56	1243	Just North of I-8, 10 mi. East of Gila Bend
Vekol Wash	6980	03/07/90	7S-1E-3	32 50 30	112 14 58	1720	On I-8 bridge, halfway between Gila Bend and Casa Grande
Stanton	7000	06/16/94	10N-5W-36	34 12 20	112 40 48	3250	6.5 mi. East of Congress, Yavapai County
Mid-Martinez Creek	7005	04/27/95	9N-5W-20	34 07 35	112 48 04	2725	4.4 mi SSE of the US 89 / SR 71 junction
Martinez Creek	7010	11/23/94	8N-5W-17	34 01 44	112 47 30	2300	1 mi. East of the US 93 / US 89 junction
Congress	7020	06/16/94	10N-6W-35	34 10 11	112 51 15	3000	Junction of US 89 and SR 71
Flores West	7025	05/02/95	8N-6W-3	34 03 32	112 51 12	2625	Along US 93, 3.2 mi. NW of the US 93 / US 89 junction
Sols Tank	7030	07/25/95	9N-6W-31	34 03 40	112 55 00	2690	6.3 mi. WNW of the US 93 / US 89 junction
Black Hill	7035	06/15/95	8N-6W-26	34 00 48	112 50 58	2560	2.3 miles WSW of the US 93 / US 89 junction
Sols Wash nr Matthie	7040	08/04/95	8N-5W-32	33 59 14	112 47 36	2220	Sols Wash at SPRR bridge, 2 mi. N. of Wickenburg Airport
Black Mountain	7050	07/06/94	7N-6W-15	33 56 49	112 53 02	2617	Along US 60, 9 mi. West of US 60 / US 93
Hartman Wash	7060	07/06/94	7N-5W-6	33 57 47	112 49 40	2488	On US 60 bridge, 6.3 mi. West of US 60 / US 93
Flying E Tank	7070	05/09/95	7N-5W-17	33 56 11	112 49 10	2480	6.3 mi. WSW of the US 93 / US 89 junction at Wickenburg
Flying E Wash	7080	07/12/94	7N-5W-09	33 57 44	112 46 49	2302	On US 60 bridge, 3 mi. West of US 60 / US 93
Casandro Wash	7090	07/12/94	7N-5W-10	33 57 44	112 45 53	2240	On US 60 bridge, 2 mi. West of US 60 / US 93
Constellation Road	7100	08/03/94	8N-4W-31	33 58 38	112 42 15	2220	1.4 mi. NE of the US 60 / US 93 junction
Powder House Wash	7110	05/18/95	7N-4W-06	33 59 00	112 42 45	2120	1/2 mi. NE of US 60 and Constellation Rd., Wickenburg
Wickenburg Airport	7120	08/03/94	7N-5W-08	33 58 34	112 48 15	2383	4.5 mi. West of the US 60 / US 93 junction
Casandro Dam	7130	08/15/96	7N-5W-11	33 58 04	112 44 49	2180	1.1 miles W of the US60 / US93 intersection

## Flood Control District of Maricopa County ALERT System

*Table II - Precipitation Sensors Installed in Water-Year 1998*

Sensor Name	Sensor ID	Date Installed	Location
Osborn @ 64 <sup>th</sup> St.	4605	10/22/97	200 yards E of Osborn Rd. @ 64 <sup>th</sup> St.
Pima @ Union Hills	4590	10/22/97	1/4 mi. W of Pima Rd. @ Union Hills
Highland @ 68 <sup>th</sup> St.	4625	11/13/97	1/4 mi. N of Highland Ave. @ 68 <sup>th</sup> St.
Lake Marguarite	4675	11/25/97	1/4 mi. W of Doubletree Randch Rd. @ Hayden Rd.
IBW @ Indian School	4615	11/26/97	Indian School Rd. @ Hayden Rd.
Whitlow Ranch Dam	6740	1/8/98	5 miles NE of Florence Junction
Tat Momolikot Dam	770	1/29/98	19 miles SW of Casa Grande
Salt River Landfill	4580	1/30/98	1/4 mi. N of Gilbert Rd. @ Beeline Highway
Aztec Park	4695	2/3/98	Thunderbird Rd. @ Frank Lloyd Wright Blvd.
Pinnacle Peak Vista	4595	4/21/98	1/2 mi. SSE of Deer Valley Rd. @ Pima Rd.
Salt River @ 67 <sup>th</sup> Ave.	4755	4/23/98	Near 67 <sup>th</sup> Ave. @ Roeser St.
IBW @ Shea Blvd.	4690	6/9/98	Shea Blvd. @ 52 <sup>nd</sup> St.
Berneil Wash	4685	7/30/98	Doubletree Ranch Rd. @ Invergordon Rd.
Guadalupe Channel	6600	8/7/98	1/4 mi. E of Power Rd. @ Guadalupe Rd.
Centennial @ Wenden	5090	9/2/98	5.5 mi. NE of Salome on US 60 bridge
Butler Park	4785	9/9/98	1/4 mi. SE of 59 <sup>th</sup> Ave. @ Olive Ave.

## Table III - Rain Gage Failure Statistics for Water-Year 1998

(A "Failure" is a continuous 48-hour period when no data is received)

FAILURE TYPE	NUMBER OF FAILURES
Unknown	57
Transmitter	25
Battery	24
Vandalism	10
Programming Error	7
Antenna	7
Radio Path	6
Tipping Bucket	4
Winds / Lightning	3
Radio	1
Solar Panal	1
Repeater	0

# Flood Control District of Maricopa County

## Table IV

*ALERT Rain Gages: Water-Year Totals for 1998, 1997, 1996 & 1995*

Gage Name	ID #	Inches-1998	Inches-1997*	Inches-1996*	Inches-1995*	Notes
Mt. Union	5380	28.03	19.68	18.07	37.56	
Crown King	5715	25.59	14.65	14.06	26.18	
Horsethief Basin	5700	25.35	15.67	13.82	29.06	
Towers Mtn.	5340	24.72	15.94	13.43	20.43	
Yarnell Hill	5290	21.89	19.92	9.57	28.03	
Seven Springs	4950	21.85	11.26	8.03	22.68	
Cooks Mesa	5640	21.69	15.83	12.68	30.20	
Wilhoit	5365	21.50	13.15	10.00	20.24	
Minnehaha	5335	19.92	12.80	14.25	23.31	
Hassy R. @ Wagoner Rd.	5350	19.80	13.50	6.93	18.27	
Sunset Point	5730	17.60	13.46	7.95	19.41	2
Sols Tank	7030	17.48	12.09	5.20	NA	
Carefree Ranch	4930	16.89	6.73	9.88	18.82	
I-17 @ 169	5790	16.81	10.28	NA	16.14	
Arizona Hunt Club	5775	16.57	12.72	7.56	16.85	
Columbia Hill	5685	16.46	12.40	7.83	20.35	
Fraesfield Mtn.	5930	16.26	7.05	7.87	18.31	
Stanton	7000	16.22	12.48	7.52	18.43	
Hesperus Wash	5995	16.18	3.03	NA	NA	
Garfias Mtn.	5670	16.06	8.94	5.75	19.29	
Mt. Ord	5960	16.02	10.43	10.63	23.98	2
Sols Wash	5275	15.87	8.15	5.04	14.57	
Black Hill	7035	15.59	7.60	4.84	NA	
White Tanks E. Peak	5430	15.51	7.83	NA	NA	
Hassy R. @ Box Canyon	5305	15.47	10.39	5.28	11.34	
Harquahala Mtn.	5185	15.31	18.46	4.80	17.44	
O'Brien Gulch	5320	15.24	12.87	6.89	15.87	
Prescott Valley	5820	15.12	12.56	6.14	13.35	
Flying E Tank	7070	15.08	10.16	6.97	NA	
Congress	7020	14.96	10.39	7.72	13.66	
Upper Skunk Creek	5580	14.88	7.64	6.06	NA	
Cloudburst Wash	5975	14.69	2.95	NA	NA	
Cave Cr. @ Spur Cross	4920	14.53	5.63	NA	18.19	
Humboldt Mtn.	4940	14.53	8.39	9.49	17.40	
Horner Mtn. Ranch	5760	14.53	9.06	4.72	14.41	
Dewey	5805	14.53	9.61	4.25	12.28	
Horseshoe Ranch	5745	14.45	10.67	9.06	20.20	
Hartman Wash	7060	14.41	9.61	4.84	12.64	
Reata Pass Dam	4935	14.25	5.71	9.96	16.81	
Golden Eagle Blvd.	5985	14.25	3.82	NA	NA	
Wickenburg Airport	7120	14.25	8.58	5.87	11.77	
Flores West	7025	14.21	8.11	6.06	NA	
Kings Ranch	6745	13.94	4.61	5.75	11.54	
Casandro Wash	7090	13.78	9.88	6.14	12.72	
McDowell Mtn. Park	5915	13.62	7.28	6.34	13.90	
Castle Hot Springs	5490	13.50	6.81	6.81	13.31	
Flying E Wash	7080	13.35	8.70	6.89	12.80	
Vekol Wash	6980	13.31	4.37	5.24	8.11	
Powder House Wash	7110	13.27	6.77	4.88	NA	
Pima @ Jomax	4670	13.23	4.84	7.40	13.54	
Mid-Martinez Creek	7005	13.19	9.84	6.14	NA	
Hassy R. @ US 60	5225	13.15	9.61	6.73	12.91	
Black Mountain	7050	13.03	7.40	3.35	11.54	

Gage Name	ID #	Inches-1998	Inches-1997*	Inches-1996*	Inches-1995*	Notes
SunRidge Canyon Dam	5970	12.99	3.27	NA	NA	
Deer Valley Airport	5550	12.91	5.08	9.06	12.05	
Hesperus Dam	5990	12.87	4.88	NA	NA	
Fountain Hills	5950	12.80	5.51	7.24	13.11	
Constellation Road	7100	12.76	7.24	5.16	10.75	
Morristown	5220	12.68	6.97	5.87	12.95	
Sols Wash nr Matthie	7040	12.64	7.91	6.10	NA	
North Heights Dam	5980	12.48	4.80	NA	NA	
Patton Rd.	5450	12.24	5.08	4.76	10.31	
Centennial Wash	5180	12.20	10.98	4.06	10.71	
Circle City	5475	12.20	5.79	4.61	10.55	
Stone Ridge Dam	5965	12.20	4.88	NA	NA	
Signal Peak	6760	11.89	8.35	13.19	14.57	2
East Fork CC #3	4680	11.81	3.39	6.06	12.48	2
Usery Park WS	6650	11.81	3.94	5.20	13.46	
East Fork CC #1	4645	11.73	3.82	7.72	11.77	
New River Landfill	5630	11.73	4.65	5.55	13.90	
Usery Mtn. Park	6640	11.73	3.54	4.25	12.52	
Holly Acres	6860	11.65	3.31	4.09	6.69	
Highland @ 68 <sup>th</sup> St.	4625	11.61	NA	NA	NA	1
Cave Creek Landfill	4915	11.61	4.45	8.35	15.16	
Sunset FRS	5230	11.61	8.31	5.63	12.05	
Vulture Mine	5260	11.61	7.83	5.63	10.35	
Chrysler P. Grounds	5460	11.61	6.10	3.90	14.69	
Apache Trail	6675	11.61	4.13	5.55	13.27	
Casandro Dam	7130	11.61	8.98	NA	NA	
Martinez Creek	7010	11.54	7.72	3.35	NA	
IBW @ McKellips Rd.	4600	11.46	7.44	6.65	9.49	
Lake Margarite	4675	11.42	NA	NA	NA	1
Maryland @ 27th Ave.	4775	11.42	3.54	6.54	7.80	
Wittmann	5455	11.42	5.91	4.06	12.95	
ACDC @ 14th St.	4810	11.38	3.11	6.10	10.98	
Greenway @ 32nd Ave.	4840	11.38	2.99	7.80	8.98	
White Tanks 3	5415	11.34	3.74	4.17	9.13	
Sunup Ranch	5625	11.34	5.35	5.71	14.02	
Bender Wash	6960	11.30	5.35	4.41	5.67	
Sand Tanks Wash	6940	11.14	5.71	6.02	5.16	
Brown Rd. @ Horne	4545	11.10	3.95	NA	NA	
Whitlow Ranch Dam	6740	11.10	NA	NA	NA	1
East Fork CC #4	4655	11.06	3.27	4.65	10.71	
Spookhill FRS	4560	11.02	2.32	5.51	10.59	
Sunnycove FRS	5245	10.98	7.72	5.39	11.65	
Asher Hills	5900	10.94	6.73	5.20	12.36	
Florence Junction	6730	10.94	3.78	9.06	13.23	
IBW @ Indian Bend Rd.	4610	10.91	5.35	7.13	9.72	
Lost Dog Wash	4660	10.91	5.12	7.99	10.55	
Broadway @ Dobson	4535	10.87	4.58	NA	NA	
ACDC @ Cave Creek	4835	10.87	2.01	NA	NA	
Magma FRS	6715	10.83	3.11	5.16	8.50	
Adobe Dam	5535	10.71	3.19	7.52	10.31	
Skunk Creek @ I-17	5565	10.67	3.23	6.73	10.75	
EFCC nr 7 <sup>th</sup> Ave.	4665	10.59	1.77	NA	NA	2
Thunderbird @ 7 <sup>th</sup> St.	4850	10.59	3.35	NA	NA	
Broadway @ Lindsay	6545	10.59	3.98	NA	NA	
NW Regional Landfill	5465	10.55	5.39	7.48	9.29	
Santa Cruz @ SR 84	785	10.47	2.60	3.19	8.74	
Dreamy Draw Dam	4800	10.47	3.11	5.20	10.79	
New River Dam	5610	10.47	2.95	6.61	12.83	
Thompson Peak	5945	10.47	5.28	6.69	11.10	

Gage Name	ID #	Inches-1998	<i>Inches-1997*</i>	<i>Inches-1996*</i>	<i>Inches-1995*</i>	Notes
Gladden	5170	10.39	10.08	2.32	7.24	
ASU South	4525	10.35	5.39	6.10	NA	
Crossroads Park	6620	10.28	2.76	NA	NA	
Upper Tiger Wash	5130	10.20	9.13	3.23	10.08	
Grand @ Peoria Ave.	5525	10.20	2.60	NA	NA	
Tatum Wash @ 40th St.	4635	10.12	3.54	4.53	7.80	
Cave Creek @ Cactus	4830	10.12	2.83	5.75	9.76	
Thunder Mtn.	6655	10.12	2.52	4.29	10.35	
Apache Junction FRS	6670	10.08	4.02	4.96	NA	
IBW @ Interceptor	4620	10.04	5.83	7.72	NA	
Paradise Valley Park	4650	10.04	3.23	4.80	11.42	
S. Mtn. Park HQ	6525	10.00	1.92	NA	NA	
Estrella Fan	6890	10.00	4.25	6.42	8.74	
10 <sup>th</sup> St. Wash Basin #1	4815	9.88	1.65	NA	NA	
Vineyard FRS	6685	9.84	3.58	8.46	10.98	
Osborn @ 64 <sup>th</sup> St.	4605	9.80	NA	NA	NA	1
Smith Peak	5190	9.80	8.46	4.06	9.57	
IBW @ Indian School	4615	9.72	NA	NA	NA	1
Salt R. @ 40th St.	4515	9.65	3.11	NA	NA	
Pima @ Union Hills	4590	9.65	NA	NA	NA	1
Old X-cut @ McDowell	4745	9.57	4.25	5.24	11.14	
Mountain View Park	4550	9.49	3.66	4.72	9.37	
Perry Park	4730	9.49	5.04	4.88	10.79	
Saddleback FRS	5110	9.49	4.96	2.40	4.41	
Signal Butte FRS	6625	9.49	4.09	3.82	12.17	
Gila Bend Mountains	5050	9.45	5.63	2.60	6.61	
South Mountain Park	6510	9.41	4.49	4.41	11.42	
Sauceda Wash	6920	9.37	2.80	4.02	5.12	
Dysart Drain @ LAFB	5410	9.33	3.46	NA	NA	
Harquahala FRS	5125	9.29	3.43	2.01	7.13	
ACDC @ 67th Ave.	5520	9.25	3.07	8.54	9.13	
Durango Complex	4700	9.17	3.54	5.47	8.86	
Missouri @ 16th St.	4780	9.17	3.54	6.57	11.10	
Jackrabbit Wash	5215	9.17	6.85	4.25	7.60	
Mesa Tower	6540	9.17	3.03	4.72	8.66	
EMF @ Arizona Ave.	6595	9.17	4.09	4.76	8.94	
Freestone Basin	6605	9.17	2.76	NA	NA	
Thomas @ 16th St.	4720	9.13	4.21	4.88	9.65	
Waterman Wash	6880	9.13	3.39	4.02	9.92	
New River @ Bell Rd.	5595	9.09	3.58	9.13	8.58	
Ahwatukee	6550	9.09	3.98	NA	NA	
McMicken Dam	5445	9.02	3.78	6.02	6.10	
Upper Waterman Wash	6900	8.98	2.40	4.06	7.76	
Tiger Wash Fan	5140	8.90	8.19	3.46	8.54	
Colter @ El Mirage	5405	8.90	2.99	4.17	6.73	
Chandler @ Alma School	6530	8.90	2.72	NA	NA	
Gila Bend Landfill	6910	8.90	3.50	4.25	6.06	2
Maryvale Muni Golf	4760	8.86	4.06	6.06	8.82	
Agua Fria @ Buckeye	5400	8.86	3.50	6.34	6.77	
Buckeye @ 75th Ave.	4765	8.78	4.45	NA	NA	
City of Glendale	4770	8.78	3.35	7.60	8.11	
ACDC @ 36th St.	4805	8.74	4.45	4.29	9.02	
ACDC @ 43rd Ave.	4820	8.74	3.19	7.95	7.52	
Buckeye FRS #3	6810	8.74	4.49	6.02	6.89	
Gillespie Dam	6905	8.74	5.24	2.64	6.38	
Thunderbird Academy	4630	8.66	4.72	5.83	9.49	
Grand @ 27 <sup>th</sup> Ave.	4715	8.58	3.94	NA	NA	
Cave Buttes Dam	4900	8.54	3.54	4.92	8.94	
Centennial Levee	5120	8.54	6.26	2.40	5.16	



Gage Name	ID #	Inches-1998	<i>Inches-1997*</i>	<i>Inches-1996*</i>	<i>Inches-1995*</i>	Notes
Buckeye FRS #2	5205	8.54	6.34	5.28	7.17	
Falcon Field	4555	8.46	4.86	NA	NA	2
Salt River Landfill	4580	8.39	NA	NA	NA	1
Upper Estrella Fan	6870	8.35	2.71	NA	NA	
Fitch Park	4540	8.31	3.11	4.80	9.25	
Jefferson @ 4th Ave.	4710	8.27	4.13	5.28	8.03	
Agua Fria @ Grand Ave.	5500	8.27	3.27	5.20	7.72	
South Mountain Fan	6560	8.27	3.74	3.86	8.03	
Durango Complex .01	4699	8.26	2.77	5.43	8.44	
Mt. Oatman	5000	8.23	5.04	2.56	5.28	
New River @ Glendale	5505	8.23	2.13	5.79	8.19	
Hassy R. @ I-10	5280	8.15	8.58	4.92	NA	
Powerline FRS	6680	8.15	2.64	7.36	9.80	
Kleinman Park	4530	8.11	3.35	4.88	9.45	
Narrows Dam	5150	8.11	4.57	2.44	7.87	
Rittenhouse FRS	6700	8.11	2.95	7.01	8.90	
McMicken Floodway	5435	8.07	4.02	5.79	7.83	
Sun City West	5515	8.03	4.69	5.59	NA	
EMF @ Broadway	6570	8.03	2.52	4.53	8.31	
Aztec Park	4695	7.99	NA	NA	NA	1
Santa Rosa @ SR 84	795	7.95	3.31	5.39	8.46	
Queen Cr. @ Rittenhouse	6710	7.95	3.50	7.87	10.51	
Papago Park	4740	7.87	4.41	4.88	10.67	
Centennial Railroad	5100	7.87	4.02	2.80	5.98	
Gila @ Olberg	780	7.80	3.39	3.43	NA	
Queen Creek Rd.	6610	7.76	3.58	6.81	10.16	
Queen Creek Landfill	6615	7.68	2.44	6.65	8.50	
Tuthill @ Ray Rd.	6840	7.52	5.04	5.28	NA	
Cesar Chavez Park	4500	7.28	3.58	4.17	6.93	
White Tanks 4	6820	7.13	3.62	4.41	7.95	
Sacaton Peak	750	7.09	2.17	NA	NA	
Gila @ Estrella Pkwy.	6850	7.09	2.83	5.91	7.40	
Gila @ Maricopa Rd	775	6.97	5.83	3.74	NA	
Buckeye FRS #1	5200	6.97	7.05	4.69	6.30	
Dysart @ Bell Rd.	5510	6.97	4.21	4.72	9.53	
Salt R. @ Priest Dr.	4520	6.93	4.80	4.97	NA	2
Paradise Valley CC	4790	6.93	3.86	4.61	8.78	
Hassayampa Landfill	5210	6.50	4.49	NA	7.91	
Carriage Lane Park	6520	6.38	2.52	4.33	8.86	
Tat Momolikot Dam	770	5.92	NA	NA	NA	1
Thomas @ 48th St.	4750	5.55	4.02	5.98	10.94	2
Guadalupe FRS	6500	5.39	1.81	4.37	10.39	2
EMF @ Queencreek Rd.	6580	4.76	2.13	5.35	7.83	
IBW @ Shea Blvd	4690	2.99	NA	NA	NA	1
Roeser @ 2nd St.	4510	2.80	2.83	4.80	7.60	2
Salt R. @ I-10	4505	2.44	2.44	NA	NA	4
Guadalupe Channel	6600	2.13	NA	NA	NA	1
IBW @ Sweetwater	4640	1.69	2.13	4.96	10.75	2
Salt River @ 67 <sup>th</sup> Ave	4755	1.50	NA	NA	NA	1
Pinnacle Peak Vista	4595	1.26	NA	NA	NA	1
Berneil Wash	4685	1.14	NA	NA	NA	1
Centennial @ Wenden	5090	0.71	NA	NA	NA	1
Butler Park	4785	0.59	NA	NA	NA	1

Note 1: Gage installed during water-year 1998, total given is for period of record.

Note 2: Total is inaccurate due to gage failure one or more times during the water-year.

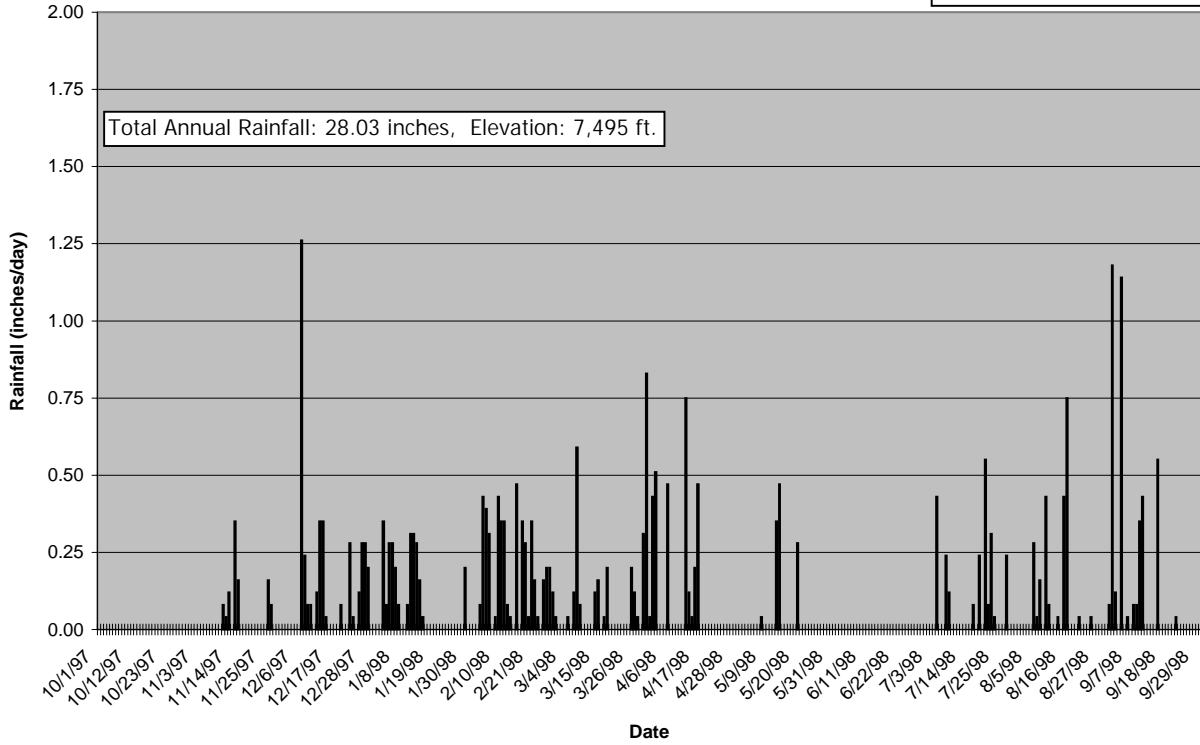
Note 3: Water-year total contains one or more estimated daily values.

Note 4: Station was removed during the water-year.

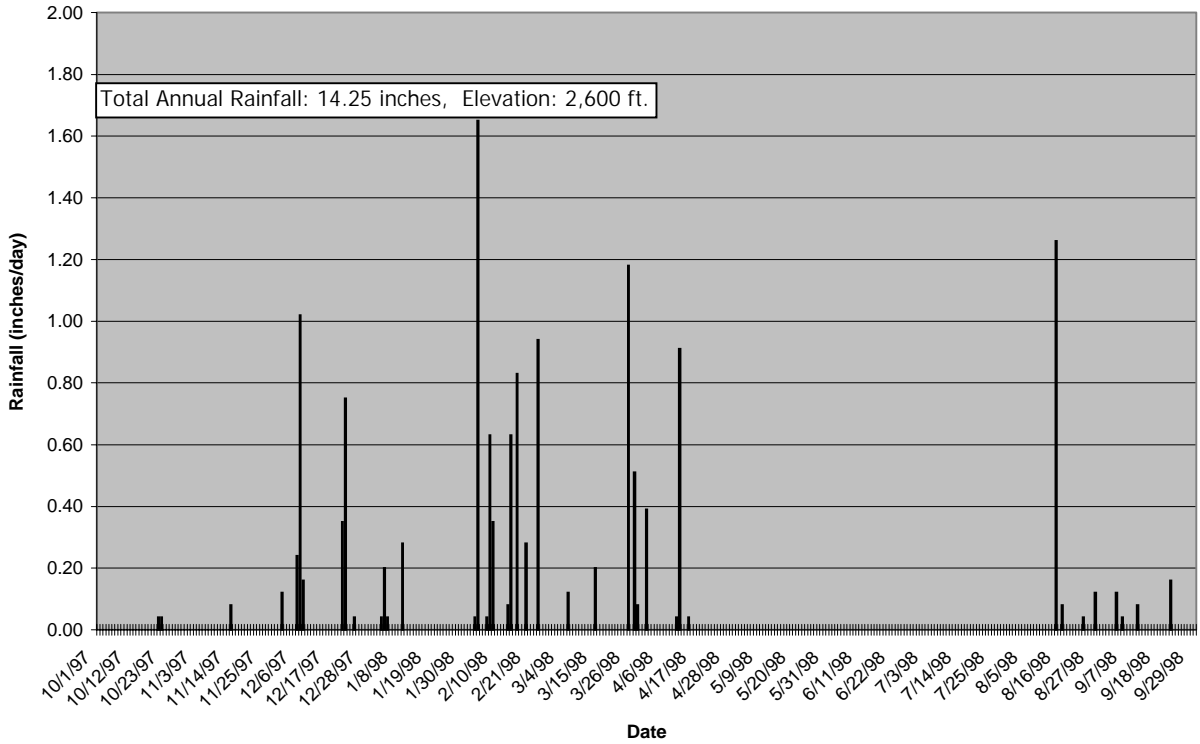
\* Estimated totals are included, partial totals are shown as "NA".

**Mt. Union Precipitation Gage No. 5380  
Water-Year 1998**

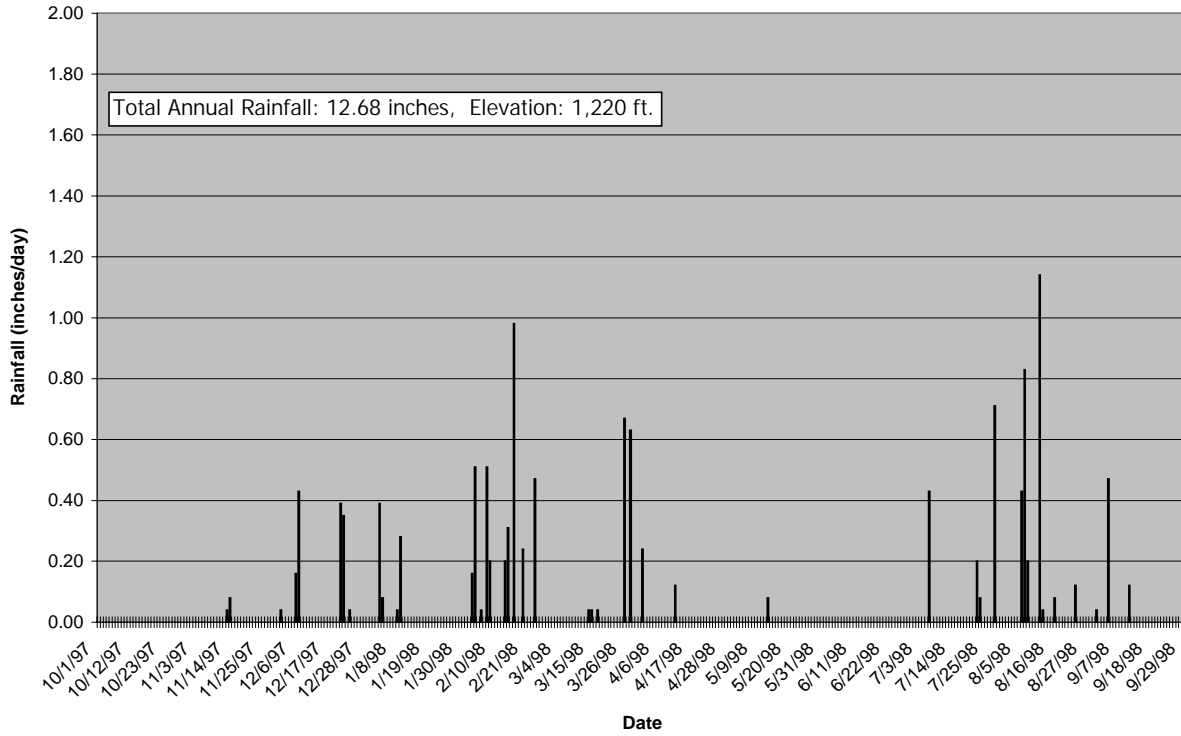
Water-Year  
Hyetographs for  
Six Selected Gages



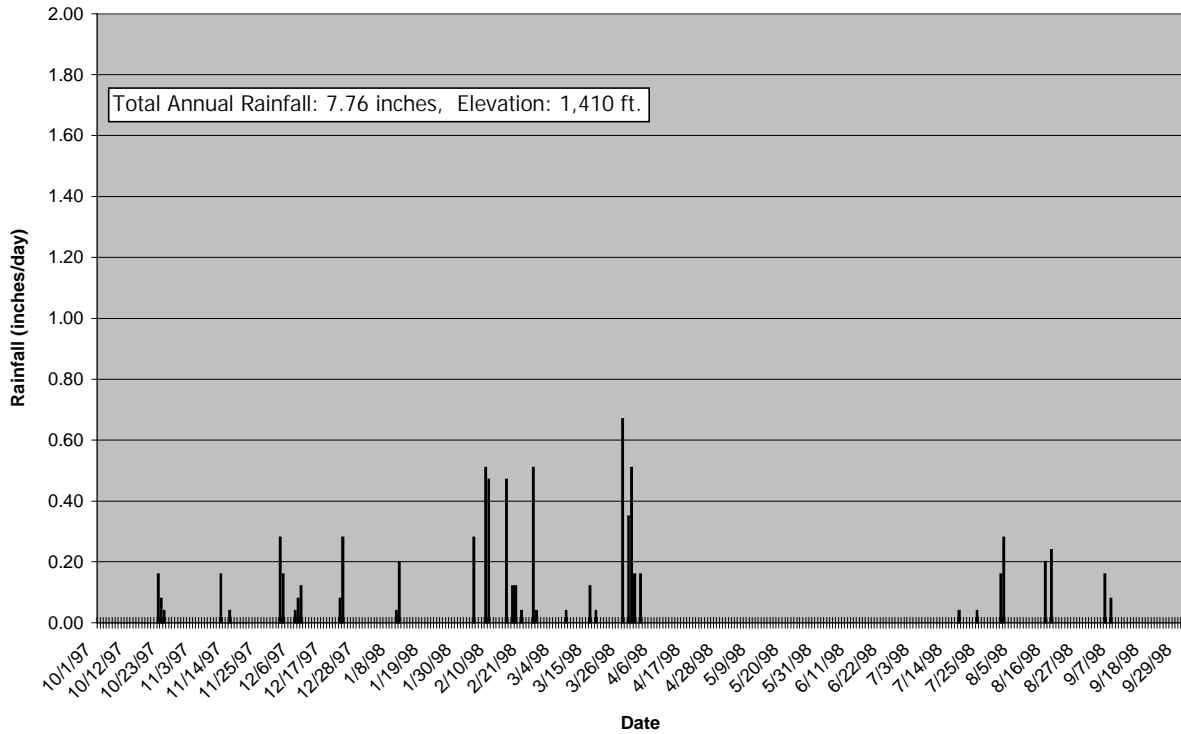
**Reata Pass Dam Precipitation Gage No. 4935  
Water-Year 1998**



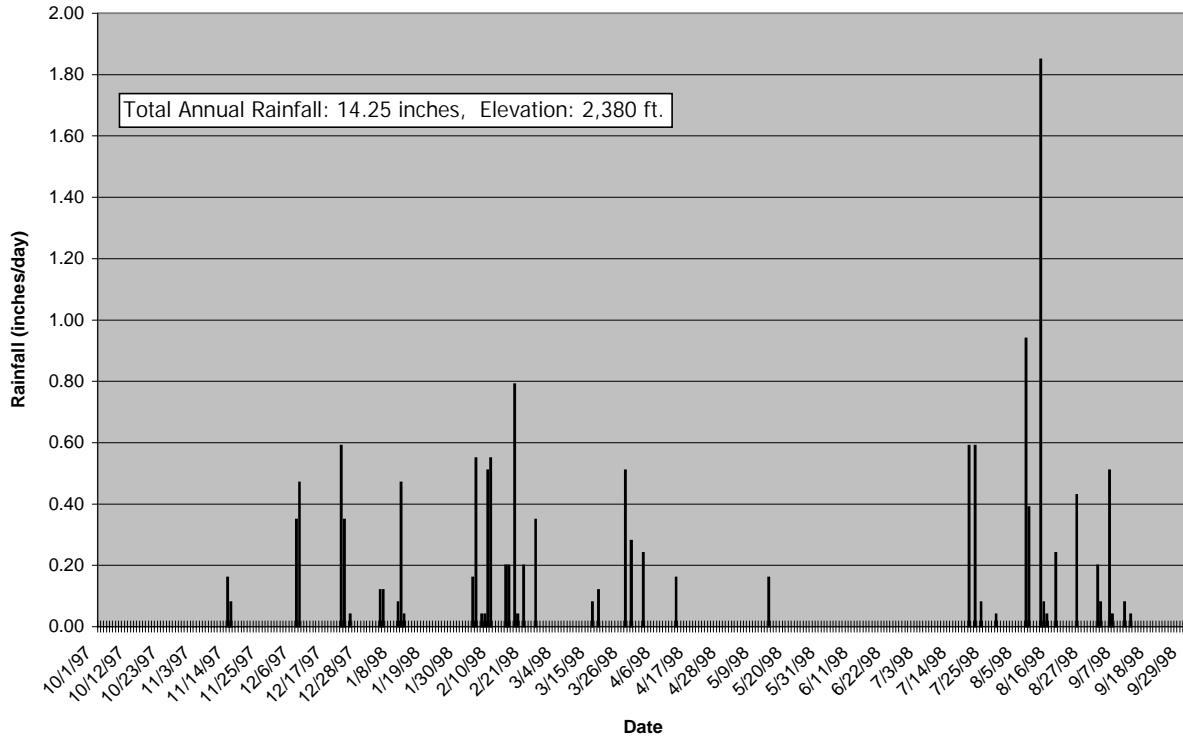
**AZ Canal Diversion Channel at 67th Ave. Precipitation Gage No. 5520  
Water-Year 1998**



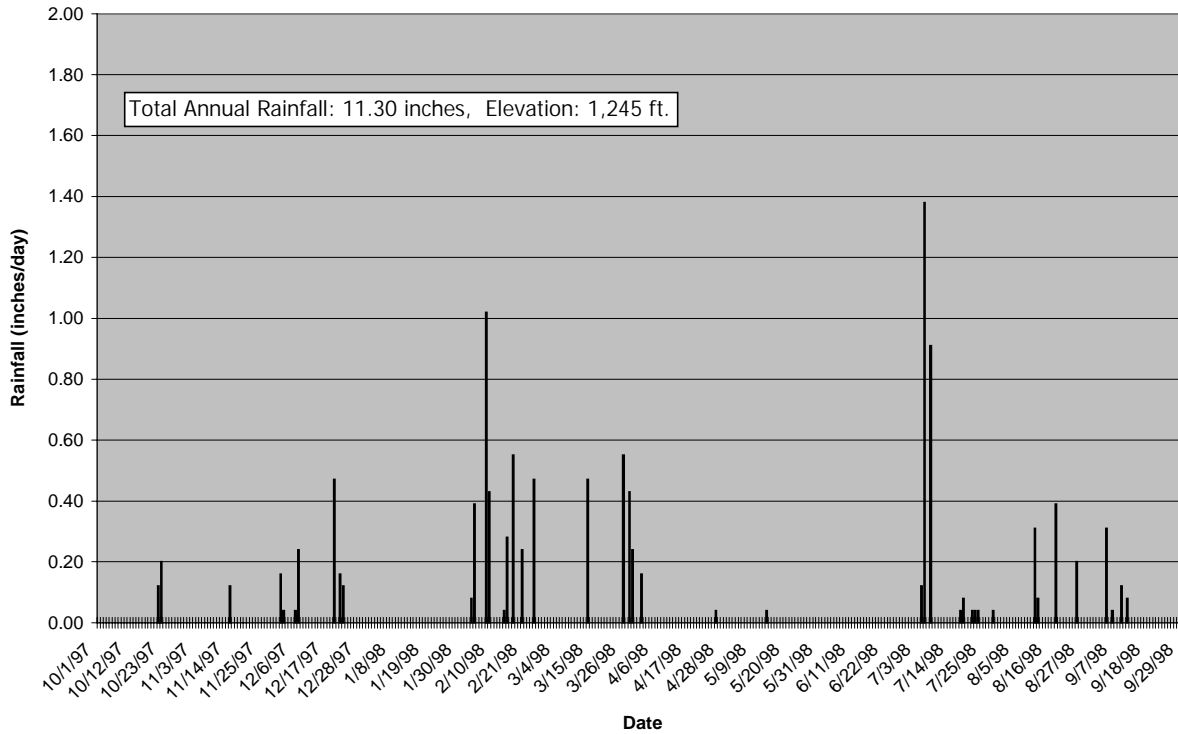
**Queen Creek Rd. Precipitation Gage No. 6610  
Water-Year 1998**



**Wickenburg Airport Precipitation Gage No. 7120  
Water-Year 1998**



**Bender Wash Precipitation Gage No. 6960  
Water-Year 1998**





**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at Tat Momolikot Dam (gage # 770) for Water Year 1998**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP		
1	----	----	----	----		----	. 12	----						
2	----	----	----	----		----		----						
3	----	----	----	----	. 02	----		----						
4	----	----	----	----	. 07	----		----		. 12				
5	----	----	----	----		----		----		. 71				
6	----	----	----	----		----		----				. 04		
7	----	----	----	----		----		----		. 24		. 04		
8	----	----	----	----		----		----			. 16	. 08		
9	----	----	----	----		----		----				. 12		
10	----	----	----	----		----		----				. 08		
11	----	----	----	----		----		----			. 39	. 04		
12	----	----	----	----		----		----			. 16			
13	----	----	----	----		----		----						
14	----	----	----	----		----		----			. 08			
15	----	----	----	----		----		----						
16	----	----	----	----		----		----		. 51	. 08			
17	----	----	----	----		----		----						
18	----	----	----	----		----	----	----		. 04				
19	----	----	----	----		----	----	----		. 59				
20	----	----	----	----		----	----	----		. 04				
21	----	----	----	----		----	----	----		. 08				
22	----	----	----	----		----	----	----		. 35				
23	----	----	----	----		----	----	----						
24	----	----	----	----		----	----	----						
25	----	----	----	----		----	----	----			. 08			
26	----	----	----	----		. 91	----	----						
27	----	----	----	----			----	----						
28	----	----	----	----		. 12				. 04				
29	----	----	----	----		. 24								
30	----	----	----	----		. 28			----	----				
31	----	----	----	----			----		----	. 04		----		
SUM	----	----	----	0. 00	0. 09	1. 54	0. 12	0. 00	0. 00	2. 76	0. 94	0. 39		
ACC	----	----	----	0. 00	0. 09	1. 63	1. 74	1. 74	1. 74	4. 50	5. 52	5. 92		
MAX	----	----	----	0. 00	0. 07	0. 91	0. 12	0. 00	0. 00	0. 71	0. 39	0. 12		
NO.	----	----	----	0	2	4	1	0	0	11	6	6		
												Maximum Daily Rainfall	0. 91	
													Maximum Monthly Rainfall	2. 76
													<b>Partial</b> Annual Rainfall	5. 92
													Number of Days with Rain	30

**Notes:**

Partial annual rainfall in millimeters: 150

Total down-time: 66.7 days

Station installed on 1/29/98, but tipping-bucket malfunctioned through 3/19/98.

Gage down from 4/17 - 4/21, 4/24 - 4/28 and 4/30 - 5/09 due to radio path problems.

Gage down from 6/28 5:07 (42) through 7/02 5:08 for unknown reason; no rain fell.

**Flood Control District of Maricopa County ALERT System**  
Daily Rainfall at Gila River @ Maricopa Rd (gage # 775) for Water Year 1998

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1			.16				.08						
2			.04										
3					.04								
4					.55							.08	
5										.04			
6			.04			.04						.20	
7			.24							.39	.28		
8			.04		.59								
9					.39								
10				.04									
11													
12				.04									
13								.04					
14		.08			.12	.24							
15					.35	.04							
16													
17					.39	.04					.39		
18					.04								
19										.28			
20					.16								
21			.08										
22	.35		.12									.31	
23													
24					.35								
25													
26						.28							
27				----									
28													
29					----	----							
30					----	.04							
31		----			----		----		----			----	
SUM	0.35	0.08	0.71	0.08	2.99	0.67	0.08	0.04	0.00	0.71	0.67	0.59	
ACC	0.35	0.43	1.14	1.22	4.21	4.88	4.96	5.00	5.00	5.71	6.38	6.97	
MAX	0.35	0.08	0.24	0.04	0.59	0.28	0.08	0.04	0.00	0.39	0.39	0.31	
NO.	1	1	7	2	10	6	1	1	0	3	2	3	
												Maximum Daily Rainfall	0.59
												Maximum Monthly Rainfall	2.99
												Total Annual Rainfall	6.97
												Number of Days with Rain	37

**Notes:**

Annual rainfall in millimeters: 177

Total down-time: 2.9 days

Gage down from 3/28 10:04 (123) through 3/31 8:41 (124) for unknown reason; assigned 1mm to 3/30.







## Flood Control District of Maricopa County ALERT System

### Daily Rainfall at Santa Rosa @ SR 84 (gage # 795) for Water Year 1998

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			.47				.12					
2			.08									
3					.04							
4					.20							
5										.59		
6												.35
7	.12		.20							.59		
8					.83							
9					.47							.04
10				.12								
11				.04								
12		.04										
13											.12	
14		.04			.04	.24					.20	
15					.35							
16												
17					.12						.12	
18										.04		
19												
20					.35							
21	.20		.08									
22	.08		.08							.16		
23												
24					.20							
25												
26						.67						
27												
28						.35						
29					----	.24					----	
30					----						----	
31		----			----		----		----			----
SUM	0.39	0.08	0.91	0.16	2.60	1.50	0.12	0.00	0.00	1.38	0.43	0.39
ACC	0.39	0.47	1.38	1.54	4.13	5.63	5.75	5.75	5.75	7.13	7.56	7.95
MAX	0.20	0.04	0.47	0.12	0.83	0.67	0.12	0.00	0.00	0.59	0.20	0.35
NO.	3	2	5	2	9	4	1	0	0	4	3	2
							Maximum Daily Rainfall					0.83
							Maximum Monthly Rainfall					2.60
							Total Annual Rainfall					7.95
							Number of Days with Rain					35

**Notes:**

Annual rainfall in millimeters: 202

Total down-time: 2.5 days

Gage down from 8/28 22:39 (192) through 8/31 10:39 (192) for unknown reason; no rain fell.



**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at Roeser @ 2nd St. (gage # 4510) for Water Year 1998**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			.04									
2			.04									
3												
4					.35							
5												
6												
7			.16									
8			.04		.28							
9					.24							
10				.20								
11												
12												
13												
14		.04				.04						
15					.28	.08						
16												
17					.12							
18					.08							
19												
20					.16							
21	.16		.08									
22	.08		.08									
23												
24					.28							
25												
26												
27												
28												
29												
30												
31												
SUM	0.24	0.04	0.43	0.20	1.77	0.12						
ACC	0.24	0.28	0.71	0.91	2.68	2.80	2.80	2.80	2.80	2.80	2.80	2.80
MAX	0.16	0.04	0.16	0.20	0.35	0.08						
NO.	2	1	6	1	8	2						

Maximum Daily Rainfall            0.35  
Maximum Monthly Rainfall        1.77  
**Partial** Annual Rainfall            2.80  
Number of Days with Rain         20

**Notes:**

Partial annual rainfall in millimeters: 71

Total down-time: 196 days

Gage removed from service on Mar. 17 for construction project.

**Flood Control District of Maricopa County ALERT System**  
 Daily Rainfall at Salt River @ 40th St. (gage # 4515) for Water Year 1998

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			.08				.24					
2			.04									
3												
4					.91							.04
5										.04		
6										.59	.04	.28
7	----		.35							.04		
8	----		.04		.39							
9	----				.39							
10	----			.35								
11	----											
12	----						.12					
13	----											
14		.04				.04						
15					.39	.04					.59	
16												
17					.51						.39	
18					.04							
19			.04							.08		
20					.12							
21	.24		.12									
22			.20							1.65		
23												
24					.20							
25												
26						.28						
27												
28						.28						
29					----	.47						
30					----							
31		----			----		----		----			----
SUM	0.24	0.04	0.87	0.35	2.95	1.10	0.35	0.00	0.00	2.40	1.02	0.31
ACC	0.24	0.28	1.14	1.50	4.45	5.55	5.91	5.91	5.91	8.31	9.33	9.65
MAX	0.24	0.04	0.35	0.35	0.91	0.47	0.24	0.00	0.00	1.65	0.59	0.28
NO.	1	1	7	1	8	5	2	0	0	5	3	2
										Maximum Daily Rainfall		1.65
										Maximum Monthly Rainfall		2.95
										Total Annual Rainfall		9.65
										Number of Days with Rain		35

**Notes:**

Annual rainfall in millimeters: 245

Total down-time: 8.4 days

Gage down from 10/06 1:04 (0) through 10/14 10:12 (0) for unknown reason; no rain fell.

**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at Salt R. @ Priest Dr (gage # 4520) for Water Year 1998**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			. 08				. 12					
2			. 04									
3												
4					. 83							. 08
5										. 04		
6						. 04				. 04		
7			. 39		. 04							. 39
8			. 04		. 47							
9					. 43							
10				. 47								
11												. 04
12							. 08					
13												
14		. 04				. 12						
15					. 31	. 08					. 04	
16												
17					. 75							
18					. 04							
19			. 08									
20					. 24					. 04		
21	. 08		. 20									
22			. 31							. 04		. 20
23												
24					. 20							
25												
26						. 20						
27												
28						. 20					. 04	
29					----	. 12						
30					----							
31		----			----		----		----			----
SUM	0. 08	0. 04	1. 14	0. 47	3. 31	0. 75	0. 20	0. 00	0. 00	0. 16	0. 08	0. 71
ACC	0. 08	0. 12	1. 26	1. 73	5. 04	5. 79	5. 98	5. 98	5. 98	6. 14	6. 22	6. 93
MAX	0. 08	0. 04	0. 39	0. 47	0. 83	0. 20	0. 12	0. 00	0. 00	0. 04	0. 04	0. 39
NO.	1	1	7	1	9	6	2	0	0	4	2	4
	Maximum Daily Rainfall											0. 83
	Maximum Monthly Rainfall											3. 31
	<b>Partial Annual Rainfall</b>											6. 93
	Number of Days with Rain											37

**Notes:**

Partial annual rainfall in millimeters: 176

Total down-time: 3.0 days

Gage down from 7/20 12:00 (155) through 7/23 12:00 (?) due to plugged tipping bucket funnel; assume events missed, therefore inaccurate monthly and annual totals.

**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at ASU South (gage # 4525) for Water Year 1998**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			.20				.20				.12	
2			.04									
3												
4					.87							.08
5				.04						.04		
6						.08				.16		.31
7			.51									
8			.12		.59							
9					.35							
10				.24								
11												
12							.04				.67	
13		.04						.04				
14		.04			.04	.12						
15					.47	.08					.75	
16												
17					.79						.28	
18					.12							
19			.08							.04		
20					.24							
21	.04		.16		.04							
22			.31							.24		.35
23												
24					.47							
25												
26						.39						
27												
28						.31						
29					----	.24						
30					----							
31		----			----		----		----	.04		----
SUM	0.04	0.08	1.42	0.28	3.98	1.22	0.24	0.04	0.00	0.51	1.81	0.75
ACC	0.04	0.12	1.54	1.81	5.79	7.01	7.24	7.28	7.28	7.80	9.61	10.35
MAX	0.04	0.04	0.51	0.24	0.87	0.39	0.20	0.04	0.00	0.24	0.75	0.35
NO.	1	2	7	2	10	6	2	1	0	5	4	3
	Maximum Daily Rainfall											0.87
	Maximum Monthly Rainfall											3.98
	Total Annual Rainfall											10.35
	Number of Days with Rain											43

**Notes:**

Annual rainfall in millimeters: 263

Total down-time: 0 days



**Flood Control District of Maricopa County ALERT System**  
 Daily Rainfall at Kleinman Park (gauge # 4530) for Water Year 1998

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			.12				.20					
2			.08									
3												
4					.87							.08
5										.04		
6			.04			.08						.04
7			.24			.08						
8			.12		.51							
9					.43						----	.08
10				.51							----	
11				.04								.08
12											.04	
13								.04				
14		.04			.04	.12						
15					.39	.04					.24	
16												
17		----			.59						.28	
18		----			.16					.04		
19		----	.04									
20		----			.35							
21	.04	----	.16									
22	.04	----	.31									.04
23		----	.04									
24					.43							
25												
26						.35						
27												
28						.35					.12	
29					----	.08						
30					----							
31		----			----		----		----			----
SUM	0.08	0.04	1.14	0.55	3.78	1.10	0.20	0.04	0.00	0.08	0.67	0.31
ACC	0.08	0.12	1.26	1.81	5.63	6.81	7.01	7.05	7.05	7.13	7.80	8.11
MAX	0.04	0.04	0.31	0.51	0.87	0.35	0.20	0.04	0.00	0.04	0.28	0.08
NO.	2	1	9	2	9	7	1	1	0	2	4	5
	Maximum Daily Rainfall											0.87
	Maximum Monthly Rainfall											3.82
	Total Annual Rainfall											8.11
	Number of Days with Rain											43

**Notes:**  
 Annual rainfall in millimeters: 206 Total down-time: 10.2 days  
 Gage down from 11/16 18:31 (3) through 11/24 10:25 (3) due to transmitter failure; no rain fell.  
 Gage down from 8/08 22:20 (181) through 8/11 10:20 (181) due to transmitter failure; no rain fell.



**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at Fitch Park (gage # 4540) for Water Year 1998**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			.16				.16					
2			.12									
3												
4					.83							
5										.04		
6			.04			.08				.04		.04
7			.31									
8			.12		.39							.04
9					.55							.08
10				.47								
11												.04
12				.04							.08	
13								.08			.04	
14		.04			.04	.12						
15					.35	.08					.24	
16												
17					.59	.16				.08	.28	
18					.12							
19												
20					.31							
21	.04		.16									
22	.04		.39									.20
23												
24					.47							
25												
26						.35						
27												
28						.31					.04	
29					----	.08						
30					----	.04						
31		----			----		----		----	.04		----
SUM	0.08	0.04	1.30	0.51	3.66	1.22	0.16	0.08	0.00	0.20	0.67	0.39
ACC	0.08	0.12	1.42	1.93	5.59	6.81	6.97	7.05	7.05	7.24	7.91	8.31
MAX	0.04	0.04	0.39	0.47	0.83	0.35	0.16	0.08	0.00	0.08	0.28	0.20
NO.	2	1	7	2	9	8	1	1	0	4	5	5
							Maximum Daily Rainfall					0.83
							Maximum Monthly Rainfall					3.66
							Total Annual Rainfall					8.31
							Number of Days with Rain					45

**Notes:**

Annual rainfall in millimeters: 211

Total down-time: 0 days















**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at Pinnacle Peak Vista (gage # 4595) for Water Year 1998**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	----	----	----	----	----	----	----					
2	----	----	----	----	----	----	----					
3	----	----	----	----	----	----	----					
4	----	----	----	----	----	----	----					
5	----	----	----	----	----	----	----					
6	----	----	----	----	----	----	----			.04		.24
7	----	----	----	----	----	----	----					
8	----	----	----	----	----	----	----					
9	----	----	----	----	----	----	----					
10	----	----	----	----	----	----	----					
11	----	----	----	----	----	----	----					.04
12	----	----	----	----	----	----	----					
13	----	----	----	----	----	----	----					
14	----	----	----	----	----	----	----					
15	----	----	----	----	----	----	----				.24	
16	----	----	----	----	----	----	----					
17	----	----	----	----	----	----	----				.12	
18	----	----	----	----	----	----	----					
19	----	----	----	----	----	----	----					
20	----	----	----	----	----	----	----					
21	----	----	----	----	----	----	----					
22	----	----	----	----	----	----	----					.08
23	----	----	----	----	----	----	----			.08		
24	----	----	----	----	----	----	----			.08		
25	----	----	----	----	----	----	----					
26	----	----	----	----	----	----	----					
27	----	----	----	----	----	----	----					
28	----	----	----	----	----	----	----				.35	
29	----	----	----	----	----	----	----					
30	----	----	----	----	----	----	----					
31	----	----	----	----	----	----	----					
SUM	----	----	----	----	----	----	0.00	0.00	0.00	0.20	0.71	0.35
ACC	----	----	----	----	----	----	0.00	0.00	0.00	0.20	0.91	1.26
MAX	----	----	----	----	----	----	0.00	0.00	0.00	0.08	0.35	0.24
NO.	----	----	----	----	----	----	0	0	0	3	3	3
							Maximum Daily Rainfall					0.35
							Maximum Monthly Rainfall					0.71
							Partial Annual Rainfall					1.26
							Number of Days with Rain					9

**Notes:**

Partial annual rainfall in millimeters: 32

Total down-time: 0 days

Station installed 4/21/98.





**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at IBW @ Indian Bend (gage # 4610) for Water Year 1998**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			.12				.28					
2			.04				.04					
3			.04		.04							
4					1.34							.08
5												
6			.08			.04				.20		.31
7			.24		.04							
8			.04		.51							
9					.31							
10				.39								
11				.04								.04
12							.20					
13								.04				
14		.08			.08	.16						
15					.47	.12					.16	
16												
17					.59	.04					.20	
18					.04							
19												
20					.24							
21	.04		.24									
22	.04		.55							.43		.24
23												
24					.55							
25			.04									
26						1.50						
27												
28							.35				.04	
29					----		.28					
30					----							
31		----			----		----		----			----
SUM	0.08	0.08	1.38	0.43	4.21	2.48	0.51	0.04	0.00	0.63	0.39	0.67
ACC	0.08	0.16	1.54	1.97	6.18	8.66	9.17	9.21	9.21	9.84	10.24	10.91
MAX	0.04	0.08	0.55	0.39	1.34	1.50	0.28	0.04	0.00	0.43	0.20	0.31
NO.	2	1	9	2	11	7	3	1	0	2	3	4
							Maximum Daily Rainfall					1.50
							Maximum Monthly Rainfall					4.21
							Total Annual Rainfall					10.91
							Number of Days with Rain					45

**Notes:**

Annual rainfall in millimeters: 277

Total down-time: 0 days





**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at Highland @ 68th St. (gage # 4625) for Water Year 1998**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	----	----	.08				.28					
2	----	----	.04									
3	----	----			.04							
4	----	----			1.14							.04
5	----	----										
6	----	----	.08							.67		.51
7	----	----	.20		.08							
8	----	----	.08		.51							
9	----	----			.35							
10	----	----		.35								
11	----	----		.04								
12	----	----					.20					
13	----	----										
14	----	.08			.08	.16						
15	----				.51	.12					.16	
16	----											
17	----				.67					.51	.35	
18	----				.08	.04						
19	----		.04									
20	----				.24							
21	----		.16									
22	----		.47							.08		.12
23	----											
24	----				.43						.16	
25	----											
26	----					.98						
27	----											
28	----					.35				.43	.16	
29	----				----	.43					----	
30	----				----	.04					----	
31	----	----			----		----		----			----
SUM	----	0.08	1.14	0.39	4.13	2.13	0.47	0.00	0.00	1.77	0.83	0.67
ACC	----	0.08	1.22	1.61	5.75	7.87	8.35	8.35	8.35	10.12	10.94	11.61
MAX	----	0.08	0.47	0.35	1.14	0.98	0.28	0.00	0.00	0.67	0.35	0.51
NO.	----	1	8	2	11	7	2	0	0	5	4	3
							Maximum Daily Rainfall					1.14
							Maximum Monthly Rainfall					4.13
							<b>Partial</b> Annual Rainfall					11.61
							Number of Days with Rain					43

**Notes:**

Partial annual rainfall in millimeters: 295

Total down-time: 3.0 days

Station installed on 11/13/97.

Gage down from 8/28 10:14 (274) through 8/31 9:16 (278) due to battery failure; assigned 4mm to 8/28.





**Flood Control District of Maricopa County ALERT System**  
 Daily Rainfall at Tatum Basin Rain (gage # 4635) for Water Year 1998

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP		
1			.08				.16							
2										----				
3										----				
4					1.34					----		.08		
5										----				
6			.12							.91		.04		
7			.47							.16				
8			.04		.51									
9				.04	.16									
10				.35										
11												.12		
12							.31							
13														
14		.08			.08	.16								
15					.63	.12					.16			
16														
17					.67	.08					.04			
18					.04									
19			.04											
20					.20									
21	.04		.20											
22			.59									.20		
23														
24			.04		.71									
25									----					
26						.71			----					
27														
28					----	.35								
29					----	.12			----					
30					----				----					
31		----			----		----		----			----		
SUM	0.04	0.08	1.57	0.39	4.33	1.54	0.47	0.00	0.00	1.06	0.20	0.43		
ACC	0.04	0.12	1.69	2.09	6.42	7.95	8.43	8.43	8.43	9.49	9.69	10.12		
MAX	0.04	0.08	0.59	0.35	1.34	0.71	0.31	0.00	0.00	0.91	0.16	0.20		
NO.	1	1	8	2	9	6	2	0	0	2	2	4		
												Maximum Daily Rainfall	1.34	
													Maximum Monthly Rainfall	4.33
													Total Annual Rainfall	10.12
													Number of Days with Rain	37

**Notes:**

Annual rainfall in millimeters: 257

Total down-time: 11.5 days

Gage down from 6/24 0:14 (214) through 6/27 0:14 (214) due to battery failure; no rain fell.  
 Gage down from 6/28 0:14 (214) through 7/01 0:15 (214) due to battery failure; no rain fell.  
 Gage down from 7/01 0:15 (214) through 7/06 11:19 (214) due to battery failure; no rain fell.

**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at IBW @ Sweetwater (gage # 4640) for Water Year 1998**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1	----	----	----	----	----	----	----						
2	----	----	----	----	----	----	----						
3	----	----	----	----	----	----	----						
4	----	----	----	----	----	----	----					. 04	
5	----	----	----	----	----	----	----						
6	----	----	----	----	----	----	----			. 43		. 04	
7	----	----	----	----	----	----	----			. 20			
8	----	----	----	----	----	----	----			. 08			
9	----	----	----	----	----	----	----						
10	----	----	----	----	----	----	----						
11	----	----	----	----	----	----	----					. 08	
12	----	----	----	----	----	----	----						
13	----	----	----	----	----	----	----						
14	----	----	----	----	----	----	----						
15	----	----	----	----	----	----	----				. 39		
16	----	----	----	----	----	----	----						
17	----	----	----	----	----	----	----			. 28	. 12		
18	----	----	----	----	----	----	----						
19	----	----	----	----	----	----	----						
20	----	----	----	----	----	----	----						
21	----	----	----	----	----	----	----						
22	----	----	----	----	----	----	----					. 04	
23	----	----	----	----	----	----	----						
24	----	----	----	----	----	----	----						
25	----	----	----	----	----	----	----						
26	----	----	----	----	----	----	----						
27	----	----	----	----	----	----	----						
28	----	----	----	----	----	----	----						
29	----	----	----	----	----	----	----						
30	----	----	----	----	----	----	----						
31	----	----	----	----	----	----	----		----			----	
SUM	----	----	----	----	----	----	0. 00	0. 00	0. 00	0. 98	0. 51	0. 20	
ACC	----	----	----	----	----	----	0. 00	0. 00	0. 00	0. 98	1. 50	1. 69	
MAX	----	----	----	----	----	----	0. 00	0. 00	0. 00	0. 43	0. 39	0. 08	
NO.	----	----	----	----	----	----	0	0	0	4	2	4	
												Maximum Dai l y Rai nfall	0. 43
												Maximum Monthl y Rai nfall	0. 98
												<b>Parti al</b> Annual Rai nfall	1. 69
												Number of Days wi th Rai n	10

**Notes:**

Partial annual rainfall in millimeters: 43

Total down-time: 212 days

Station returned to service following bridge construction on 4/30/98.



### Flood Control District of Maricopa County ALERT System

#### Daily Rainfall at Paradise Valley Park (gage # 4650) for Water Year 1998

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			.08				.20					
2												
3					.04							
4				.04	1.42							.04
5									----			
6			.08			.04			----	.63	.04	
7			.35		.04				----	.28		
8			.04		.63							
9					.43							.04
10				.20								
11				.04								.08
12							.16					
13								.04				
14		.04			.08	.04						
15					.63	.12					.12	
16												
17					.63	.20				.24	.04	
18						.04						
19												
20					.24							
21	.04		.28				----					
22			.43									.12
23												
24					.67						.08	
25					.04							
26						.55						
27						.04						
28						.31						
29					----	.16						
30					----							
31		----			----		----		----			----
SUM	0.04	0.04	1.26	0.28	4.84	1.50	0.35	0.04	0.00	1.14	0.28	0.28
ACC	0.04	0.08	1.34	1.61	6.46	7.95	8.31	8.35	8.35	9.49	9.76	10.04
MAX	0.04	0.04	0.43	0.20	1.42	0.55	0.20	0.04	0.00	0.63	0.12	0.12
NO.	1	1	6	3	11	9	2	1	0	3	4	4
	Maximum Daily Rainfall											1.42
	Maximum Monthly Rainfall											4.84
	Total Annual Rainfall											10.04
	Number of Days with Rain											45

**Notes:**

Annual rainfall in millimeters: 255

Total down-time: 6.4 days

Gage down from 4/20 9:02 (211) through 4/22 13:58 (211) due to transmitter failure; no rain fell.

Gage down from 6/04 6:39 (212) through 6/08 12:14 (212) due to battery failure; no rain fell.









**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at Pima @ Jomax (gage # 4670) for Water Year 1998**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			.12			----	.35					
2												
3				.16	.12							
4				.24	1.61							.12
5												.04
6			.24			.08				.08		
7			.71		.04							
8			.20		.71							
9					.39							
10				.28								
11												.04
12							.04					
13							.47					
14		.04			.08	.08		.04				
15		.08			.75	.08		.04				.16
16												
17					.71							
18												
19												
20					.28							
21	.04		.35									
22	.08		.67									
23												.24
24					.98							
25												
26						1.26	.08					
27					----							
28					----	.55					.47	
29					----	.04						
30					----	.04						
31		----			----		----		----			----
SUM	0.12	0.12	2.28	0.67	5.67	2.13	0.94	0.08	0.00	0.08	0.63	0.43
ACC	0.12	0.24	2.52	3.19	8.86	10.98	11.97	12.05	12.05	12.13	12.80	13.23
MAX	0.08	0.08	0.71	0.28	1.61	1.26	0.47	0.04	0.00	0.08	0.47	0.24
NO.	2	2	6	3	10	7	4	2	0	1	2	4
	Maximum Daily Rainfall											1.61
	Maximum Monthly Rainfall											5.67
	Total Annual Rainfall											13.23
	Number of Days with Rain											43

**Notes:**

Annual rainfall in millimeters: 336

Total down-time: 5.8 days

Gage down from 2/26 14:17 (225) through 3/02 10:08 (225) for unknown reason; no rain fell.

Gage down from 3/13 10:22 (227) through 3/15 8:32 (230) for unknown reason; assigned 2mm to 3/14 and 1mm to 3/15.



**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at E.Fork Cave Cr. #3 (gage # 4680) for Water Year 1998**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1			.04				.20					----	
2												----	
3					.04							----	
4				.04	2.05							----	
5				----	----					.04	.04	----	
6			.12	----	----	.04				1.10		----	
7			.39		.04					.71		----	
8			.08		.59					.04			
9					.35							.04	
10				.24									
11							.04					.08	
12							.08			----			
13	----							.04	----	----			
14	----	.04			.08	.12							
15					.67	.12					.28		
16													
17					.59	.16				.24	.04		
18					.04								
19													
20					.20								
21			.31										
22			.43									.12	
23													
24			.04		.71								
25													
26						.75							
27													
28						.35							
29					----	.12							
30					----								
31		----			----		----		----			----	
SUM	0.00	0.04	1.42	0.28	5.35	1.65	0.31	0.04	0.00	2.13	0.35	0.24	
ACC	0.00	0.04	1.46	1.73	7.09	8.74	9.06	9.09	9.09	11.22	11.57	11.81	
MAX	0.00	0.04	0.43	0.24	2.05	0.75	0.20	0.04	0.00	1.10	0.28	0.12	
NO.	0	1	7	2	11	7	3	1	0	5	3	3	
												Maximum Daily Rainfall	2.05
												Maximum Monthly Rainfall	5.35
												<b>Partial Annual Rainfall</b>	11.81
												Number of Days with Rain	43

**Notes:**

Partial annual rainfall in millimeters: 300

Total down-time: 16.8 days

- Gage down from 10/12 20:10 (0) through 10/15 8:09 (0) for unknown reason; no rain fell.
- Gage down from 2/04 20:24 (96) through 2/07 2:31 (97) for unknown reason; assigned 1mm to 2/04.
- Gage down from 6/11 8:10 (231) through 6/15 10:24 (231) for unknown reason; no rain fell.
- Gage down from 8/31 9:14 (294) through 9/08 9:15 (?) due to programming error; possible event missed, therefore inaccurate monthly and annual totals.

**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at Berneil Wash (gage # 4685) for Water Year 1998**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1	----	----	----	----	----	----	----	----	----	----			
2	----	----	----	----	----	----	----	----	----	----			
3	----	----	----	----	----	----	----	----	----	----			
4	----	----	----	----	----	----	----	----	----	----		. 16	
5	----	----	----	----	----	----	----	----	----	----			
6	----	----	----	----	----	----	----	----	----	----		. 31	
7	----	----	----	----	----	----	----	----	----	----			
8	----	----	----	----	----	----	----	----	----	----			
9	----	----	----	----	----	----	----	----	----	----			
10	----	----	----	----	----	----	----	----	----	----			
11	----	----	----	----	----	----	----	----	----	----			
12	----	----	----	----	----	----	----	----	----	----	. 04		
13	----	----	----	----	----	----	----	----	----	----			
14	----	----	----	----	----	----	----	----	----	----			
15	----	----	----	----	----	----	----	----	----	----	. 08		
16	----	----	----	----	----	----	----	----	----	----			
17	----	----	----	----	----	----	----	----	----	----	. 20		
18	----	----	----	----	----	----	----	----	----	----			
19	----	----	----	----	----	----	----	----	----	----			
20	----	----	----	----	----	----	----	----	----	----			
21	----	----	----	----	----	----	----	----	----	----			
22	----	----	----	----	----	----	----	----	----	----		. 24	
23	----	----	----	----	----	----	----	----	----	----			
24	----	----	----	----	----	----	----	----	----	----	. 04		
25	----	----	----	----	----	----	----	----	----	----			
26	----	----	----	----	----	----	----	----	----	----			
27	----	----	----	----	----	----	----	----	----	----			
28	----	----	----	----	----	----	----	----	----	----	. 08		
29	----	----	----	----	----	----	----	----	----	----			
30	----	----	----	----	----	----	----	----	----	----			
31	----	----	----	----	----	----	----	----	----	----		----	
SUM	----	----	----	----	----	----	----	----	----	0. 00	0. 43	0. 71	
ACC	----	----	----	----	----	----	----	----	----	0. 00	0. 43	1. 14	
MAX	----	----	----	----	----	----	----	----	----	0. 00	0. 20	0. 31	
NO.	----	----	----	----	----	----	----	----	----	0	5	3	
												Maximum Dai l y Rai nfall	0. 31
												Maximum Monthl y Rai nfall	0. 71
												Total Annual Rai nfall	1. 14
												Number of Days wi th Rai n	8

**Notes:**

Annual rainfall in millimeters: 29

Total down-time: 0 days

Station installed on 7/30/98.

**Flood Control District of Maricopa County ALERT System**  
Daily Rainfall at IBW @ Shea Blvd. (gage # 4690) for Water Year 1998

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	----	----	----	----	----	----	----	----	----			. 08
2	----	----	----	----	----	----	----	----	----			. 12
3	----	----	----	----	----	----	----	----	----			. 08
4	----	----	----	----	----	----	----	----	----			. 20
5	----	----	----	----	----	----	----	----	----		. 04	. 12
6	----	----	----	----	----	----	----	----	----	. 75		. 08
7	----	----	----	----	----	----	----	----	----	. 08		. 08
8	----	----	----	----	----	----	----	----	----			. 12
9	----	----	----	----	----	----	----	----	----			. 12
10	----	----	----	----	----	----	----	----	----		. 04	. 12
11	----	----	----	----	----	----	----	----	----			. 12
12	----	----	----	----	----	----	----	----	----			. 08
13	----	----	----	----	----	----	----	----	----			
14	----	----	----	----	----	----	----	----	----			. 08
15	----	----	----	----	----	----	----	----	----		. 24	. 08
16	----	----	----	----	----	----	----	----	----			
17	----	----	----	----	----	----	----	----	----		. 12	
18	----	----	----	----	----	----	----	----	----		. 04	
19	----	----	----	----	----	----	----	----	----			
20	----	----	----	----	----	----	----	----	----			
21	----	----	----	----	----	----	----	----	----		. 04	
22	----	----	----	----	----	----	----	----	----			. 16
23	----	----	----	----	----	----	----	----	----			
24	----	----	----	----	----	----	----	----	----			
25	----	----	----	----	----	----	----	----	----			
26	----	----	----	----	----	----	----	----	----			
27	----	----	----	----	----	----	----	----	----			
28	----	----	----	----	----	----	----	----	----		. 04	
29	----	----	----	----	----	----	----	----	----			
30	----	----	----	----	----	----	----	----	----			
31	----	----	----	----	----	----	----	----	----			----
SUM	----	----	----	----	----	----	----	----	0. 00	0. 83	0. 55	1. 61
ACC	----	----	----	----	----	----	----	----	0. 00	0. 83	1. 38	2. 99
MAX	----	----	----	----	----	----	----	----	0. 00	0. 75	0. 24	0. 20
NO.	----	----	----	----	----	----	----	----	0	2	7	15
									Maximum Dai l y Rai nfall			0. 75
									Maximum Monthl y Rai nfall			1. 61
									<b>Parti al</b> Annual Rai nfall			2. 99
									Number of Days wi th Rai n			24

**Notes:**

Partial annual rainfall in millimeters: 76

Total down-time: 0 days

Station installed on 6/09/98.

Gage readings inaccurate on Sep. 1-14 due to sprinklers.



**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at Durango Precip .01 (gage # 4699) for Water Year 1998**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP			
1			.04				.17								
2			.01												
3				.12	.02										
4					.92							.11			
5										.06					
6			.03			.02				.26		.24			
7			.23		.04					.42	.01				
8			.02		.44										
9				.02	.36							.03			
10				.37											
11		.08		.01								.06			
12							.07								
13		.03						.01							
14		.03			.06	.05									
15					.58	.07									
16															
17					.53						.05				
18					.05										
19			.01												
20					.12										
21	.20		.07												
22			.18							.25		.16			
23															
24					.33										
25															
26						.51									
27															
28						.33									
29					----	.46									
30				.02	----										
31		----			----		----		----			----			
SUM	0.20	0.14	0.59	0.54	3.45	1.44	0.24	0.01	0.00	0.99	0.06	0.60			
ACC	0.20	0.34	0.93	1.47	4.92	6.36	6.60	6.61	6.61	7.60	7.66	8.26			
MAX	0.20	0.08	0.23	0.37	0.92	0.51	0.17	0.01	0.00	0.42	0.05	0.24			
NO.	1	3	8	5	11	6	2	1	0	4	2	5			
														Maximum Daily Rainfall	0.92
														Maximum Monthly Rainfall	3.45
														Total Annual Rainfall	8.26
														Number of Days with Rain	48

**Notes:**

Annual rainfall in millimeters: 210

Total down-time: 0 days

**Flood Control District of Maricopa County ALERT System**  
Daily Rainfall at Durango Precip 1mm (gage # 4700) for Water Year 1998

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			.04				.20					
2												
3				.16	.04							
4					1.10							.12
5										.04		
6			.04							.39		.47
7			.24		.04					.43		
8			.04		.43							
9				.04	.39							.04
10				.43								
11		.08										.12
12				.04			.08					
13		.04										
14					.08	.04						
15					.51	.08						
16												
17					.59						.04	
18					.04							
19												
20					.16							
21	.28		.08									
22			.20							.24		.12
23												
24					.35							
25												
26						.55						
27												
28						.31						
29					----	.47						
30					----							
31		----			----		----		----			----
SUM	0.28	0.12	0.63	0.67	3.74	1.46	0.28	0.00	0.00	1.10	0.04	0.87
ACC	0.28	0.39	1.02	1.69	5.43	6.89	7.17	7.17	7.17	8.27	8.31	9.17
MAX	0.28	0.08	0.24	0.43	1.10	0.55	0.20	0.00	0.00	0.43	0.04	0.47
NO.	1	2	6	4	11	5	2	0	0	4	1	5
	Maximum Daily Rainfall											1.10
	Maximum Monthly Rainfall											3.74
	Total Annual Rainfall											9.17
	Number of Days with Rain											41

**Notes:**

Annual rainfall in millimeters: 233

Total down-time: 0 days



**Flood Control District of Maricopa County ALERT System**  
Daily Rainfall at Jefferson @ 4th Ave (gage # 4710) for Water Year 1998

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			.04				.16					
2												
3				.12								
4				.04	.98							.08
5										.04		
6			.04							.87		.20
7			.16		.04					.08		
8					.39					.04		
9					.24							.04
10				.39								
11				.04								.08
12							.16					
13		.04										
14		.04			.04	.04						
15					.55	.08					.04	
16												.04
17					.59						.04	
18					.04							
19										.04		
20					.12							
21	.20		.16									
22			.16							.24		.16
23												
24					.35							
25												
26						.47						
27												
28						.35						
29					----	.28						
30					----							
31		----			----		----		----			----

SUM	0.20	0.08	0.55	0.59	3.35	1.22	0.31	0.00	0.00	1.30	0.08	0.59
ACC	0.20	0.28	0.83	1.42	4.76	5.98	6.30	6.30	6.30	7.60	7.68	8.27
MAX	0.20	0.04	0.16	0.39	0.98	0.47	0.16	0.00	0.00	0.87	0.04	0.20
NO.	1	2	5	4	10	5	2	0	0	6	2	6

Maximum Dai ly Rai nfa l l                         0. 98  
Maximum Monthl y Rai nfa l l                        3. 35  
Total Annual Rai nfa l l                               8. 27  
Number of Days wi th Rai n                         43

**Notes:**

Annual rainfall in millimeters: 210

Total down-time: 0 days





**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at Perry Park (gage # 4730) for Water Year 1998**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			.16				.12					
2												
3												
4					.98							.04
5										.04		
6			.04							.67		.12
7			.28		.04					.04		
8			.04		.51							
9					.31							
10				.39								
11												.16
12							.24					
13		.04										
14		.04			.08	.12						
15					.55	.08					.08	
16												.04
17					.63						.08	
18					.04					.08		
19			.08							.39		
20					.20							
21	.08		.24									
22			.28							.43		.16
23												
24					.35							
25												
26						.47						
27												
28					----	.35						
29					----	.39						
30				.04	----							
31		----			----		----		----			----

SUM	0.08	0.08	1.10	0.43	3.70	1.42	0.35	0.00	0.00	1.65	0.16	0.51
ACC	0.08	0.16	1.26	1.69	5.39	6.81	7.17	7.17	7.17	8.82	8.98	9.49
MAX	0.08	0.04	0.28	0.39	0.98	0.47	0.24	0.00	0.00	0.67	0.08	0.16
NO.	1	2	7	2	10	5	2	0	0	6	2	5

Maximum Daily Rainfall 0.98  
Maximum Monthly Rainfall 3.70  
Total Annual Rainfall 9.49  
Number of Days with Rain 42

**Notes:**

Annual rainfall in millimeters: 241

Total down-time: 0 days

**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at Papago Park (gage # 4740) for Water Year 1998**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP		
1			.08				.20					----		
2			.04				.04					----		
3														
4					.79							.04		
5										.04				
6			.04							.08		.24		
7			.24							.04				
8					.43									
9					.31									
10				.39										
11														
12							.16				.04			
13														
14		.04			.08	.12								
15					.28	.08					.24			
16														
17					.51						.35			
18					.08									
19			.08							.24				
20					.24									
21	.04		.16											
22			.24							.51		.04		
23														
24					.28									
25														
26						.35								
27														
28						.31								
29					----	.43								
30					----									
31		----			----		----		----			----		
SUM	0.04	0.04	0.87	0.39	2.99	1.30	0.39	0.00	0.00	0.91	0.63	0.31		
ACC	0.04	0.08	0.94	1.34	4.33	5.63	6.02	6.02	6.02	6.93	7.56	7.87		
MAX	0.04	0.04	0.24	0.39	0.79	0.43	0.20	0.00	0.00	0.51	0.35	0.24		
NO.	1	1	7	1	9	5	3	0	0	5	3	3		
												Maximum Daily Rainfall	0.79	
													Maximum Monthly Rainfall	2.99
													Total Annual Rainfall	7.87
													Number of Days with Rain	38

**Notes:**

Annual rainfall in millimeters: 200

Total down-time: 3.4 days

Gage down from 8/30 23:57 (192) through 9/03 9:59 (192) for unknown reason; no rain fell.

**Flood Control District of Maricopa County ALERT System**  
Daily Rainfall at Old Xcut @ McDowell (gage # 4745) for Water Year 1998

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1			.08				.24						
2													
3													
4					.94							.08	
5													
6			.08							.59	.04	.43	
7			.28		.04								
8					.51								
9					.31								
10				.47									
11													
12							.16				.04		
13											.04		
14		.04			.04	.12							
15					.51	.08					.20		
16													
17					.63						.39		
18					.04								
19			.08							.20			
20					.20								
21	.08		.20										
22			.28							.59		.04	
23													
24					.31								
25													
26						.43							
27													
28						.31							
29					----	.47							
30					----								
31		----			----		----		----			----	
SUM	0.08	0.04	0.98	0.47	3.54	1.42	0.39	0.00	0.00	1.38	0.71	0.55	
ACC	0.08	0.12	1.10	1.57	5.12	6.54	6.93	6.93	6.93	8.31	9.02	9.57	
MAX	0.08	0.04	0.28	0.47	0.94	0.47	0.24	0.00	0.00	0.59	0.39	0.43	
NO.	1	1	6	1	10	5	2	0	0	3	5	3	
												Maximum Daily Rainfall	0.94
												Maximum Monthly Rainfall	3.54
												Total Annual Rainfall	9.57
												Number of Days with Rain	37

**Notes:**

Annual rainfall in millimeters: 243

Total down-time: 0 days



**Flood Control District of Maricopa County ALERT System**  
 Daily Rainfall at Salt R. @ 67th Ave (gage # 4755) for Water Year 1998

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	----	----	----	----	----	----	----					
2	----	----	----	----	----	----	----					
3	----	----	----	----	----	----	----					
4	----	----	----	----	----	----	----					. 16
5	----	----	----	----	----	----	----			. 12		
6	----	----	----	----	----	----	----					. 51
7	----	----	----	----	----	----	----			. 04		
8	----	----	----	----	----	----	----					
9	----	----	----	----	----	----	----					
10	----	----	----	----	----	----	----					
11	----	----	----	----	----	----	----					. 43
12	----	----	----	----	----	----	----					
13	----	----	----	----	----	----	----					
14	----	----	----	----	----	----	----					
15	----	----	----	----	----	----	----					
16	----	----	----	----	----	----	----					
17	----	----	----	----	----	----	----			. 04	. 12	
18	----	----	----	----	----	----	----					
19	----	----	----	----	----	----	----			. 08		
20	----	----	----	----	----	----	----					
21	----	----	----	----	----	----	----					
22	----	----	----	----	----	----	----					
23	----	----	----	----	----	----	----					
24	----	----	----	----	----	----	----					
25	----	----	----	----	----	----	----	----				
26	----	----	----	----	----	----	----	----				
27	----	----	----	----	----	----	----	----				
28	----	----	----	----	----	----	----					
29	----	----	----	----	----	----	----					
30	----	----	----	----	----	----	----					
31	----	----	----	----	----	----	----	----	----			----
SUM	----	----	----	----	----	----	0. 00	0. 00	0. 00	0. 28	0. 12	1. 10
ACC	----	----	----	----	----	----	0. 00	0. 00	0. 00	0. 28	0. 39	1. 50
MAX	----	----	----	----	----	----	0. 00	0. 00	0. 00	0. 12	0. 12	0. 51
NO.	----	----	----	----	----	----	0	0	0	4	1	3
							Maximum Dai l y Rai nfall					0. 51
							Maximum Monthl y Rai nfall					1. 10
							<b>Partial</b> Annual Rai nfall					1. 50
							Number of Days wi th Rai n					8

**Notes:**

Partial annual rainfall in millimeters: 38

Total down-time: 4.6 days

Station installed on 4/23/98.

Gage down from 5/23 23:02 (0) through 5/28 12:53 (0) due to transmitter failure; no rain fell.



**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at Maryvale Muni Golf (gage # 4760) for Water Year 1998**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			.04				.16					
2												
3												
4					1.10							.08
5										.12		
6			.08							.20		.12
7			.35		.04					.35	.04	
8			.04		.63							
9				.04	.20							
10				.35								
11							.04					.24
12							.04					
13								.08				
14		.04			.08	.04						
15					.67	.08					.12	
16												
17					.91					.04	.08	
18												
19												
20					.16							
21	.04		.08									
22			.28							.04		
23												
24					.59							
25												
26						.67						
27												
28						.31						
29					----	.28						
30					----	.04						
31		----			----		----		----			----
SUM	0.04	0.04	0.87	0.39	4.37	1.42	0.24	0.08	0.00	0.75	0.24	0.43
ACC	0.04	0.08	0.94	1.34	5.71	7.13	7.36	7.44	7.44	8.19	8.43	8.86
MAX	0.04	0.04	0.35	0.35	1.10	0.67	0.16	0.08	0.00	0.35	0.12	0.24
NO.	1	1	6	2	9	6	3	1	0	5	3	3
	Maximum Daily Rainfall											1.10
	Maximum Monthly Rainfall											4.37
	Total Annual Rainfall											8.86
	Number of Days with Rain											40

**Notes:**

Annual rainfall in millimeters: 225

Total down-time: 0 days

**Flood Control District of Maricopa County ALERT System**  
 Daily Rainfall at Buckeye @ 75th Ave. (gage # 4765) for Water Year 1998

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			.04				.16					
2											----	
3				.20							----	
4					.94							.08
5										.12		
6			.04								.08	.04
7			.31							.28		
8					.63							
9					.31				----			
10				.35								
11		.04		.04			.08					.39
12							.04				.28	
13								.08				
14		.04			.08	.24						
15					.59	.08					.08	
16												.04
17					.71					.08	.47	
18												
19										.04		
20					.12							
21			.12									
22			.12									
23												
24					.28							
25												
26						.28			----			
27									----			
28					----	.31						
29					----	.59						
30					----							
31		----			----		----		----			----
SUM	0.00	0.08	0.63	0.59	3.66	1.50	0.28	0.08	0.00	0.51	0.91	0.55
ACC	0.00	0.08	0.71	1.30	4.96	6.46	6.73	6.81	6.81	7.32	8.23	8.78
MAX	0.00	0.04	0.31	0.35	0.94	0.59	0.16	0.08	0.00	0.28	0.47	0.39
NO.	0	2	5	3	8	5	3	1	0	4	4	4
							Maximum Daily Rainfall					0.94
							Maximum Monthly Rainfall					3.66
							Total Annual Rainfall					8.78
							Number of Days with Rain					39

**Notes:**

Annual rainfall in millimeters: 223

Total down-time: 7.7 days

Gage down from 6/07 17:40 (173) through 6/10 8:06 (173) due to battery failure; no rain fell.

Gage down from 6/25 12:35 (173) through 6/28 1:33 (173) due to battery failure; no rain fell.

Gage down from 8/01 15:00 (186) through 8/04 3:59 (186) due to programming error; no rain fell.

**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at City of Glendale (gage # 4770) for Water Year 1998**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			.04				.16					.04
2												
3				.16								
4					1.22							.04
5										.12		
6			.04							.43		.08
7			.35							.08		
8			.04		.51							
9					.08							
10		----		.35								
11		----										
12							.04					.43
13							.12					
14		.04			.04	.04			.08			
15					.71	.08						
16												
17					.87					.04	.24	
18					.04					.04		
19												
20					.08							
21	.04		.04									
22	.04		.35									
23												
24					.55							
25												
26							.43					
27							.08					
28							.31					
29					----		.28					
30					----							
31		----			----		----		----			----
SUM	0.08	0.04	0.87	0.51	4.09	1.22	0.31	0.08	0.00	0.71	0.24	0.59
ACC	0.08	0.12	0.98	1.50	5.59	6.85	7.17	7.24	7.24	7.95	8.19	8.78
MAX	0.04	0.04	0.35	0.35	1.22	0.43	0.16	0.08	0.00	0.43	0.24	0.43
NO.	2	1	6	2	9	6	3	1	0	5	1	4
							Maximum Daily Rainfall					1.22
							Maximum Monthly Rainfall					4.09
							Total Annual Rainfall					8.78
							Number of Days with Rain					40

**Notes:**

Annual rainfall in millimeters: 223 Total down-time: 2.7 days

Gage down from 11/09 17:16 (2) through 11/12 9:52 (2) due to battery failure; no rain fell.



**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at Missouri @ 16th St. (gage # 4780) for Water Year 1998**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			.08				.16					
2												
3												
4					1.42							.08
5										.04		
6			.04							.71		.08
7			.20							.04		.04
8					.51							
9					.28							
10				.35								
11												
12							.16					
13		.04										
14		.04			.08	.08						
15					.59	.08					.16	
16												.04
17					.51							
18					.08							
19			.08									
20					.24							
21	.04		.28									
22			.35									.12
23												.04
24			.04		.63							
25												
26						.75						
27										.04		
28						.35						
29					----	.35						
30					----							
31		----			----		----		----			----

SUM	0.04	0.08	1.06	0.35	4.33	1.61	0.31	0.00	0.00	0.83	0.16	0.39
ACC	0.04	0.12	1.18	1.54	5.87	7.48	7.80	7.80	7.80	8.62	8.78	9.17
MAX	0.04	0.04	0.35	0.35	1.42	0.75	0.16	0.00	0.00	0.71	0.16	0.12
NO.	1	2	7	1	9	5	2	0	0	4	1	6

Maxi mum Dai l y Rai nfa l l 1.42  
 Maxi mum Monthl y Rai nfa l l 4.33  
 Total Annual Rai nfa l l 9.17  
 Number of Days wi th Rai n 38

**Notes:**

Annual rainfall in millimeters: 233 Total down-time: 0 days

**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at Butler Park (gage # 4785) for Water Year 1998**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1	----	----	----	----	----	----	----	----	----	----	----	----	
2	----	----	----	----	----	----	----	----	----	----	----	----	
3	----	----	----	----	----	----	----	----	----	----	----	----	
4	----	----	----	----	----	----	----	----	----	----	----	. 08	
5	----	----	----	----	----	----	----	----	----	----	----	----	
6	----	----	----	----	----	----	----	----	----	----	----	. 04	
7	----	----	----	----	----	----	----	----	----	----	----	----	
8	----	----	----	----	----	----	----	----	----	----	----	----	
9	----	----	----	----	----	----	----	----	----	----	----	----	
10	----	----	----	----	----	----	----	----	----	----	----	----	
11	----	----	----	----	----	----	----	----	----	----	----	. 47	
12	----	----	----	----	----	----	----	----	----	----	----	----	
13	----	----	----	----	----	----	----	----	----	----	----	----	
14	----	----	----	----	----	----	----	----	----	----	----	----	
15	----	----	----	----	----	----	----	----	----	----	----	----	
16	----	----	----	----	----	----	----	----	----	----	----	----	
17	----	----	----	----	----	----	----	----	----	----	----	----	
18	----	----	----	----	----	----	----	----	----	----	----	----	
19	----	----	----	----	----	----	----	----	----	----	----	----	
20	----	----	----	----	----	----	----	----	----	----	----	----	
21	----	----	----	----	----	----	----	----	----	----	----	----	
22	----	----	----	----	----	----	----	----	----	----	----	----	
23	----	----	----	----	----	----	----	----	----	----	----	----	
24	----	----	----	----	----	----	----	----	----	----	----	----	
25	----	----	----	----	----	----	----	----	----	----	----	----	
26	----	----	----	----	----	----	----	----	----	----	----	----	
27	----	----	----	----	----	----	----	----	----	----	----	----	
28	----	----	----	----	----	----	----	----	----	----	----	----	
29	----	----	----	----	----	----	----	----	----	----	----	----	
30	----	----	----	----	----	----	----	----	----	----	----	----	
31	----	----	----	----	----	----	----	----	----	----	----	----	
SUM	----	----	----	----	----	----	----	----	----	----	----	0. 59	
ACC	----	----	----	----	----	----	----	----	----	----	----	0. 59	
MAX	----	----	----	----	----	----	----	----	----	----	----	0. 47	
NO.	----	----	----	----	----	----	----	----	----	----	----	3	
												Maximum Dai l y Rai nfa l l	0. 47
												Maximum Monthl y Rai nfa l l	0. 59
												<b>Parti al</b> Annual Rai nfa l l	0. 59
												Number of Days wi th Rai n	3

**Notes:**

Partial annual rainfall in millimeters: 15

Total down-time: 0 days

Station installed on 9/4/98.

**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at P.V. Country Club (gage # 4790) for Water Year 1998**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP		
1			. 12											
2														
3														
4					1. 22									
5														
6			. 08							. 08				
7			. 24							. 16				
8			. 04		. 47									
9				. 04	. 31									
10				. 31										
11				. 04										
12							. 08							
13														
14		. 08			. 04	. 16								
15					. 59	. 16								
16														
17					. 63						. 12			
18					. 04						. 04			
19			. 04											
20					. 12									
21			. 12											
22			. 55									. 12		
23														
24					. 47						. 08			
25											. 04			
26						. 16								
27						. 08								
28											. 04			
29					----	. 08								
30					----									
31		----			----		----		----			----		
SUM	0. 00	0. 08	1. 18	0. 39	3. 90	0. 63	0. 08	0. 00	0. 00	0. 24	0. 31	0. 12		
ACC	0. 00	0. 08	1. 26	1. 65	5. 55	6. 18	6. 26	6. 26	6. 26	6. 50	6. 81	6. 93		
MAX	0. 00	0. 08	0. 55	0. 31	1. 22	0. 16	0. 08	0. 00	0. 00	0. 16	0. 12	0. 12		
NO.	0	1	7	3	9	5	1	0	0	2	5	1		
												Maximum Dai ly Rai nfall	1. 22	
													Maximum Monthl y Rai nfall	3. 90
													Total Annual Rai nfall	6. 93
													Number of Days wi th Rai n	34

**Notes:**

Annual rainfall in millimeters: 176

Total down-time: 0 days

**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at Dreamy Draw (gage # 4800) for Water Year 1998**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP		
1			.08				.12							
2														
3					.04									
4					1.54							.04		
5														
6			.08							.43		.08		
7			.59		.04					.08				
8			.04		.55									
9				.04	.16									
10				.35										
11												.08		
12							.16							
13														
14		.04			.08	.12								
15					.67	.12					.63			
16														
17					.59	.04				.08	.12			
18	----				.08									
19	----		.08											
20	----				.24									
21			.39											
22			.67									.16		
23														
24			.04		.71						.04			
25														
26						.67								
27														
28						.28								
29					----	.16								
30					----									
31		----			----		----		----			----		
SUM	0.00	0.04	1.97	0.39	4.69	1.38	0.28	0.00	0.00	0.59	0.79	0.35		
ACC	0.00	0.04	2.01	2.40	7.09	8.46	8.74	8.74	8.74	9.33	10.12	10.47		
MAX	0.00	0.04	0.67	0.35	1.54	0.67	0.16	0.00	0.00	0.43	0.63	0.16		
NO.	0	1	8	2	11	6	2	0	0	3	3	4		
													Maximum Daily Rainfall	1.54
													Maximum Monthly Rainfall	4.69
													Total Annual Rainfall	10.47
													Number of Days with Rain	40

**Notes:**

Annual rainfall in millimeters: 266

Total down-time: 4.0 days

Gage down from 10/17 8:18 (0) through 10/21 7:45 (0) due to transmitter failure; no rain fell.









**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at ACDC @ 43rd Ave. (gage # 4820) for Water Year 1998**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			.04				.08					
2												
3				.04	.04							
4					.63							.12
5					.04					.08		
6			.04			.04				.87		
7			.43							.16	.12	
8			.04		.47							
9					.16							
10				.31								
11							.04					.43
12							.04					
13								.04				
14		.04			.04	.04						
15					.63	.04						
16												
17					.75					.04		
18					.08							
19												
20					.08							
21	.08		.12									
22			.35									
23												
24					.63						.04	
25												
26						1.10						
27												
28						.35						
29					----	.04						
30					----	.04						
31		----			----		----		----			----
SUM	0.08	0.04	1.02	0.35	3.54	1.65	0.16	0.04	0.00	1.14	0.16	0.55
ACC	0.08	0.12	1.14	1.50	5.04	6.69	6.85	6.89	6.89	8.03	8.19	8.74
MAX	0.08	0.04	0.43	0.31	0.75	1.10	0.08	0.04	0.00	0.87	0.12	0.43
NO.	1	1	6	2	11	7	3	1	0	4	2	2
							Maximum Daily Rainfall					1.10
							Maximum Monthly Rainfall					3.54
							Total Annual Rainfall					8.74
							Number of Days with Rain					40

**Notes:**

Annual rainfall in millimeters: 222

Total down-time: 0 days



**Flood Control District of Maricopa County ALERT System**  
Daily Rainfall at ACDC @ Cave Creek (gage # 4835) for Water Year 1998

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1			.04				.16						
2													
3					.08								
4					1.26							.16	
5										.08			
6			.08						1.46	.04			
7			.31		.04				.16			.04	
8			.04		.51								
9					.12								
10				.31									
11							.04					.24	
12							.04						
13								.04					
14		.08			.08	.08							
15					.55	.08					.35		
16													
17					.71					.28			
18					.04					.08			
19			.04										
20					.12								
21	.08		.16		.04								
22			.55									.12	
23													
24					.63								
25					.04								
26						1.14							
27													
28						.24							
29					----	.16							
30					----								
31		----			----		----		----			----	
SUM	0.08	0.08	1.22	0.31	4.21	1.69	0.24	0.04	0.00	2.05	0.35	0.59	
ACC	0.08	0.16	1.38	1.69	5.91	7.60	7.83	7.87	7.87	9.92	10.28	10.87	
MAX	0.08	0.08	0.55	0.31	1.26	1.14	0.16	0.04	0.00	1.46	0.35	0.24	
NO.	1	1	7	1	13	5	3	1	0	5	1	5	
												Maximum Daily Rainfall	1.46
												Maximum Monthly Rainfall	4.21
												Total Annual Rainfall	10.87
												Number of Days with Rain	43

**Notes:**

Annual rainfall in millimeters: 276

Total down-time: 0 days



## Flood Control District of Maricopa County ALERT System

### Daily Rainfall at T-bird @ 7th St. (gage # 4850) for Water Year 1998

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1			.04				.16						
2													
3					.04							.04	
4					1.38							.04	
5										.04	.04		
6			.12	----					.87	.04	.04	.04	
7			.35	----	.04				.12				
8			.16		.59						----		
9					.08						----		
10				.28							----		
11												.04	
12							.08						
13													
14		.08			.08	.08		.04					
15					.67	.12					.91		
16													
17					.63	.04				.39			
18					.04					.04			
19			.04										
20					.12								
21			.28		.04								
22			.51									.08	
23													
24			.04		.59								
25													
26						.83							
27													
28						.24							
29					----	.16							
30					----								
31		----			----		----		----			----	
SUM	0.00	0.08	1.54	0.28	4.29	1.46	0.24	0.04	0.00	1.46	0.98	0.24	
ACC	0.00	0.08	1.61	1.89	6.18	7.64	7.87	7.91	7.91	9.37	10.35	10.59	
MAX	0.00	0.08	0.51	0.28	1.38	0.83	0.16	0.04	0.00	0.87	0.91	0.08	
NO.	0	1	8	1	12	6	2	1	0	5	3	5	
												Maximum Daily Rainfall	1.38
												Maximum Monthly Rainfall	4.29
												Total Annual Rainfall	10.59
												Number of Days with Rain	44

**Notes:**

Annual rainfall in millimeters: 269

Total down-time: 6.0 days

Gage down from 1/05 20:55 (41) through 1/08 9:29 (41) due to battery failure; no rain fell.

Gage down from 8/07 20:54 (240) through 8/11 9:10 (240) due to transmitter failure; no rain fell.



**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at Cave Buttes Dam (gage # 4900) for Water Year 1998**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP		
1							.12							
2														
3					.08									
4					1.10	----						.04		
5						----				.04	.04			
6			.16							.16				
7			.51		.08					.04	.35			
8			.04		.43									
9					.20									
10				.28										
11							.04					.08		
12							.04							
13								.04						
14		.04	----		.08									
15			----		.47	.12	.04				.43			
16			----											
17			----		.67						.08			
18					.04	.04								
19														
20					.24									
21			.20											
22			.47									.08		
23														
24					.47									
25														
26						.55								
27						----								
28					----	.24								
29					----	.24								
30					----	.20								
31		----			----		----		----			----		
SUM	0.00	0.04	1.38	0.28	3.86	1.38	0.24	0.04	0.00	0.24	0.91	0.20		
ACC	0.00	0.04	1.42	1.69	5.55	6.93	7.17	7.20	7.20	7.44	8.35	8.54		
MAX	0.00	0.04	0.51	0.28	1.10	0.55	0.12	0.04	0.00	0.16	0.43	0.08		
NO.	0	1	5	1	11	6	4	1	0	3	4	3		
												Maximum Daily Rainfall	1.10	
													Maximum Monthly Rainfall	3.86
													Total Annual Rainfall	8.54
													Number of Days with Rain	39

**Notes:**

Annual rainfall in millimeters: 217

Total down-time: 12.0 days

Gage down from 12/13 0:33 (19) through 12/18 12:46 (19) due to radio path problem; no rain fell.

Gage down from 3/03 13:33 (141) through 3/06 1:36 (141) due to vandalism; no rain fell.

Gage down from 3/26 9:27 (159) through 3/30 10:59 (171) due to lightning strike; assigned 6mm each to 3/28 and 3/29.











**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at Seven Springs (gage # 4950) for Water Year 1998**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1							.12					.08
2							.12					
3				.39	.20		.04					
4				.35	1.30		----					.28
5					.04		----					
6			.39		.08	.16	----			.20		.04
7			1.34		.04		.04				.24	
8			.28		.63		----				.04	
9				.08	1.02		----					.12
10				.39								.04
11		.12					.39					.55
12		.16					.59					
13		.04					----	.31				
14		.08			.16	.35	----	.04				
15					.87	.28						
16												
17					.04	.28						
18					.67							
19										.94		
20					.28							
21	.08		.39									
22	.08		.94									.28
23										1.02		
24			.04		.79							
25					.35							
26			.28			1.50						
27		.04				.28				.04		
28						.94					.04	
29					----	.12						
30					----	.31						
31		----			----	.04	----		----		.08	----
SUM	0.16	0.43	3.66	1.22	6.46	4.25	1.30	0.35	0.00	2.20	0.39	1.38
ACC	0.16	0.59	4.25	5.47	11.93	16.18	17.52	17.87	17.87	20.08	20.47	21.85
MAX	0.08	0.16	1.34	0.39	1.30	1.50	0.59	0.31	0.00	1.02	0.24	0.55
NO.	2	5	7	4	14	10	6	2	0	4	4	7
Maximum Daily Rainfall												1.50
Maximum Monthly Rainfall												6.46
Total Annual Rainfall												21.85
Number of Days with Rain												65

**Notes:**

Annual rainfall in millimeters: 555

Total down-time: 9.6 days

Gage down from 4/03 17:41 (418) through 4/10 10:21 (419) due to transmitter failure; assigned 1mm to 4/07.  
Gage down from 4/12 13:31 (445) through 4/15 10:14 (455) due to transmitter failure; no rain fell.

**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at Mt. Oatman (gage # 5000) for Water Year 1998**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			.08				.24					
2												
3					.28							.24
4					.16							.51
5												
6			.04									
7			.35									
8					.59							
9					.24						.04	.08
10				.08						.04		
11							.43				.55	
12											.04	
13												
14		.12				.39						
15					.31							
16												
17					.59					----	.08	
18						.04				----		
19			.39							.16		
20					.28							
21			.31									
22			.12							.04		
23										.04		
24					.12							
25												
26						.39	.04					
27												
28						.28						
29					----	.43						
30					----							
31		----			----		----		----			----
SUM	0.00	0.12	1.30	0.08	2.56	1.54	0.71	0.00	0.00	0.28	0.71	0.83
ACC	0.00	0.12	1.42	1.50	4.06	5.67	6.42	6.42	6.42	6.69	7.40	8.23
MAX	0.00	0.12	0.39	0.08	0.59	0.43	0.43	0.00	0.00	0.16	0.55	0.51
NO.	0	1	6	1	8	5	3	0	0	4	4	3
							Maximum Daily Rainfall					0.59
							Maximum Monthly Rainfall					2.56
							Total Annual Rainfall					8.23
							Number of Days with Rain					35

**Notes:**

Annual rainfall in millimeters: 209

Total down-time: 3.0 days

Gage down from 7/16 20:55 (164) through 7/19 20:55 (164) due to battery failure; no rain fell.



**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at Gila Bend Mountains (gage # 5050) for Water Year 1998**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			.04				.31					.08
2												.08
3					.28							.16
4					.16							.39
5										.04		
6			.20		.04							
7			.51									
8					.55							
9					.31						.04	.04
10				.12								.04
11											.35	
12											.43	
13												
14					.08	.35						
15					.39							
16												
17					.75	.04						
18												
19			.51							.51		
20					.35					.08		
21			.98									
22	.04		.35									
23										.08		
24					.16						.04	
25												
26						.43						
27												
28						.12						
29					----							
30				----	----							
31		----		----	----		----		----			----
SUM	0.04	0.00	2.60	0.12	3.07	0.94	0.31	0.00	0.00	0.71	0.87	0.79
ACC	0.04	0.04	2.64	2.76	5.83	6.77	7.09	7.09	7.09	7.80	8.66	9.45
MAX	0.04	0.00	0.98	0.12	0.75	0.43	0.31	0.00	0.00	0.51	0.43	0.39
NO.	1	0	6	1	10	4	1	0	0	4	4	6
	Maximum Daily Rainfall											0.98
	Maximum Monthly Rainfall											3.07
	Total Annual Rainfall											9.45
	Number of Days with Rain											37

**Notes:**

Annual rainfall in millimeters: 240

Total down-time: 3.0 days

Gage down from 1/28 9:27 (84) through 1/31 9:27 (84) for unknown reason; no rain fell.

**Flood Control District of Maricopa County ALERT System**  
 Daily Rainfall at Centennial @ Wenden (gage # 5090) for Water Year 1998

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1	----	----	----	----	----	----	----	----	----	----	----	----	
2	----	----	----	----	----	----	----	----	----	----	----	----	
3	----	----	----	----	----	----	----	----	----	----	----	.04	
4	----	----	----	----	----	----	----	----	----	----	----	.67	
5	----	----	----	----	----	----	----	----	----	----	----		
6	----	----	----	----	----	----	----	----	----	----	----		
7	----	----	----	----	----	----	----	----	----	----	----		
8	----	----	----	----	----	----	----	----	----	----	----		
9	----	----	----	----	----	----	----	----	----	----	----		
10	----	----	----	----	----	----	----	----	----	----	----		
11	----	----	----	----	----	----	----	----	----	----	----		
12	----	----	----	----	----	----	----	----	----	----	----		
13	----	----	----	----	----	----	----	----	----	----	----		
14	----	----	----	----	----	----	----	----	----	----	----		
15	----	----	----	----	----	----	----	----	----	----	----		
16	----	----	----	----	----	----	----	----	----	----	----		
17	----	----	----	----	----	----	----	----	----	----	----		
18	----	----	----	----	----	----	----	----	----	----	----		
19	----	----	----	----	----	----	----	----	----	----	----		
20	----	----	----	----	----	----	----	----	----	----	----		
21	----	----	----	----	----	----	----	----	----	----	----		
22	----	----	----	----	----	----	----	----	----	----	----		
23	----	----	----	----	----	----	----	----	----	----	----		
24	----	----	----	----	----	----	----	----	----	----	----		
25	----	----	----	----	----	----	----	----	----	----	----		
26	----	----	----	----	----	----	----	----	----	----	----		
27	----	----	----	----	----	----	----	----	----	----	----		
28	----	----	----	----	----	----	----	----	----	----	----		
29	----	----	----	----	----	----	----	----	----	----	----		
30	----	----	----	----	----	----	----	----	----	----	----		
31	----	----	----	----	----	----	----	----	----	----	----	----	
SUM	----	----	----	----	----	----	----	----	----	----	----	0.71	
ACC	----	----	----	----	----	----	----	----	----	----	----	0.71	
MAX	----	----	----	----	----	----	----	----	----	----	----	0.67	
NO.	----	----	----	----	----	----	----	----	----	----	----	2	
												Maximum Daily Rainfall	0.67
												Maximum Monthly Rainfall	0.71
												<b>Partial</b> Annual Rainfall	0.71
												Number of Days with Rain	2

**Notes:**

Partial annual rainfall in millimeters: 18

Total down-time: 0 days

Station installed on 9/4/98.











**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at Tiger Wash Fan (gage # 5140) for Water Year 1998**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1							.16					
2												
3					.28							
4				.08	.16							.47
5										.51		
6			.63									
7			.39		.04							
8					.51						.24	
9				.04	.04						.08	.16
10				.24								
11												
12											.24	
13		.08										
14		.04			.43	.24						
15					.20	.04						
16												
17					.79					.04	.24	
18												
19			.28									
20					.47					.04		
21			.87							.12		
22			.08							.04		
23												
24					.20							
25												
26						.39						
27												
28						.08						
29					----							
30					----							
31		----			----		----		----			----
SUM	0.00	0.12	2.24	0.35	3.11	0.75	0.16	0.00	0.00	0.75	0.79	0.63
ACC	0.00	0.12	2.36	2.72	5.83	6.57	6.73	6.73	6.73	7.48	8.27	8.90
MAX	0.00	0.08	0.87	0.24	0.79	0.39	0.16	0.00	0.00	0.51	0.24	0.47
NO.	0	2	5	3	10	4	1	0	0	5	4	2
							Maximum Daily Rainfall					0.87
							Maximum Monthly Rainfall					3.11
							Total Annual Rainfall					8.90
							Number of Days with Rain					36

**Notes:**

Annual rainfall in millimeters: 226

Total down-time: 0 days





















**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at Jackrabbit Wash (gage # 5215) for Water Year 1998**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1							. 24					
2												
3					. 20							
4				. 04	. 59							. 28
5										. 04		
6			. 24									
7			. 63									
8					. 51					. 43	. 28	
9					. 16							. 04
10				. 12								
11												
12							. 12				. 20	
13		. 04									. 28	
14		. 04			. 24							
15					. 39	. 04						
16												
17					1. 06						. 08	
18					. 04							
19										. 16		
20					. 55							
21			. 35									
22			. 20									
23										. 20		
24					. 12							
25												
26						. 94						
27												
28						. 12						
29					----							
30					----							
31		----			----		----		----		. 24	----
SUM	0. 00	0. 08	1. 42	0. 16	3. 86	1. 10	0. 35	0. 00	0. 00	0. 83	1. 06	0. 31
ACC	0. 00	0. 08	1. 50	1. 65	5. 51	6. 61	6. 97	6. 97	6. 97	7. 80	8. 86	9. 17
MAX	0. 00	0. 04	0. 63	0. 12	1. 06	0. 94	0. 24	0. 00	0. 00	0. 43	0. 28	0. 28
NO.	0	2	4	2	10	3	2	0	0	4	5	2
							Maximum Dai l y Rai nfal l					1. 06
							Maxi mum Monthl y Rai nfal l					3. 86
							Total Annual Rai nfal l					9. 17
							Number of Days wi th Rai n					34

**Notes:**

Annual rainfall in millimeters: 233

Total down-time: 0 days





**Flood Control District of Maricopa County ALERT System**  
 Daily Rainfall at Sunset FRS (gage # 5230) for Water Year 1998

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1							. 20						
2													
3				. 12	. 20								
4				. 12	. 75							. 47	
5													
6			. 28									. 04	
7			. 59		. 04					. 43			
8					. 55					. 28			
9				. 04	. 35								
10				. 43									
11												. 04	
12	----						. 16				. 55		
13	----	. 16						. 20			. 35		
14	----	. 04			. 16								
15	----				. 24	. 04							
16	----												
17	----				. 98	. 24					. 20		
18	----												
19	----									. 39			
20					. 24								
21			. 59							. 16			
22			. 51										
23										. 04			
24					. 24						. 28		
25							. 04						
26						. 43							
27													
28						. 24							
29					----								
30					----								
31		----			----		----		----		. 24	----	
SUM	0. 00	0. 20	1. 97	0. 71	3. 74	0. 94	0. 39	0. 20	0. 00	0. 59	2. 32	0. 55	
ACC	0. 00	0. 20	2. 17	2. 87	6. 61	7. 56	7. 95	8. 15	8. 15	8. 74	11. 06	11. 61	
MAX	0. 00	0. 16	0. 59	0. 43	0. 98	0. 43	0. 20	0. 20	0. 00	0. 39	0. 55	0. 47	
NO.	0	2	4	4	10	4	3	1	0	3	7	3	
												Maximum Dai l y Rai nfa l l	0. 98
												Maxi mum Monthl y Rai nfa l l	3. 74
												Total Annual Rai nfa l l	11. 61
												Number of Days wi th Rai n	41

**Notes:**

Annual rainfall in millimeters: 295

Total down-time: 8.6 days

Gage down from 10/11 21:52 (0) through 10/20 13:03 (0) due to transmitter failure; no rain fell.

**Flood Control District of Maricopa County ALERT System**  
Daily Rainfall at Sunnycove FRS (gage # 5245) for Water Year 1998

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1							.20						
2													
3				.08	.20								
4				.08	.79							.43	
5													
6			.24										
7			.51		.04						.55		
8					.55						.24		
9				.04	.35								
10				.43									
11												.08	
12							.28				.51		
13		.16						.24			.24		
14		.04			.20								
15					.24	.04							
16													
17					.91	.12					.20		
18													
19										.28			
20					.28								
21			.39							.12			
22			.43										
23													
24					.20						.35		
25							.08						
26						.35							
27													
28						.20							
29					----	.04							
30					----								
31		----			----		----		----		.28	----	
SUM	0.00	0.20	1.57	0.63	3.74	0.75	0.55	0.24	0.00	0.39	2.36	0.51	
ACC	0.00	0.20	1.77	2.44	6.18	6.93	7.48	7.72	7.72	8.11	10.47	10.98	
MAX	0.00	0.16	0.51	0.43	0.91	0.35	0.28	0.24	0.00	0.28	0.55	0.43	
NO.	0	2	4	4	10	5	3	1	0	2	7	2	
							Maximum Daily Rainfall						0.91
							Maximum Monthly Rainfall						3.74
							Total Annual Rainfall						10.98
							Number of Days with Rain						40

**Notes:**

Annual rainfall in millimeters: 279

Total down-time: 0 days



**Flood Control District of Maricopa County ALERT System**  
 Daily Rainfall at Sols Wash (gage # 5275) for Water Year 1998

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			.04				.55					.28
2												
3					.31							
4				1.14	.98							.47
5												.08
6			.98									.20
7			.35		.04							
8					.75						.28	
9				.08	.43							.71
10				.47								
11				.04								.12
12							.12					
13		.04						.08			.20	
14		.12			.43							
15					.31							
16												
17					.63	.24						
18												
19										.51		
20					.51			.04				
21			.67									
22			.55								1.18	
23										.20		
24			.04		.55						.12	
25							.04					
26						.79						
27												
28						.16						
29					----	.04						
30					----							
31		----			----		----		----			----
SUM	0.00	0.16	2.64	1.73	4.96	1.22	0.71	0.12	0.00	1.89	0.59	1.85
ACC	0.00	0.16	2.80	4.53	9.49	10.71	11.42	11.54	11.54	13.43	14.02	15.87
MAX	0.00	0.12	0.98	1.14	0.98	0.79	0.55	0.08	0.00	1.18	0.28	0.71
NO.	0	2	6	4	10	4	3	2	0	3	3	6
							Maximum Daily Rainfall					1.18
							Maximum Monthly Rainfall					4.96
							Total Annual Rainfall					15.87
							Number of Days with Rain					43

**Notes:**

Annual rainfall in millimeters: 403

Total down-time: 0 days

**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at Hassayampa R @ I-10 (gage # 5280) for Water Year 1998**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			.04				.20					
2												
3				.04								
4					.75							.16
5												
6			.04		.04							.20
7			.47		.04						.04	
8					1.38			.04	----		.08	
9					.12				----			.04
10				.43					----		.08	
11									----			
12												
13		.04										
14					.08	.04						
15					.63							
16												
17					.94						.08	
18												
19												
20					.31							
21			.35									
22			.04									
23												
24					.20							
25							.04					
26						.43						
27												
28						.24						
29						.55						
30												
31												
SUM	0.00	0.04	0.94	0.47	4.49	1.26	0.24	0.04	0.00	0.00	0.28	0.39
ACC	0.00	0.04	0.98	1.46	5.94	7.20	7.44	7.48	7.48	7.48	7.76	8.15
MAX	0.00	0.04	0.47	0.43	1.38	0.55	0.20	0.04	0.00	0.00	0.08	0.20
NO.	0	1	5	2	10	4	2	1	0	0	4	3
							Maximum Daily Rainfall					1.38
							Maximum Monthly Rainfall					4.49
							Total Annual Rainfall					8.15
							Number of Days with Rain					32

**Notes:**

Annual rainfall in millimeters: 207

Total down-time: 4.5 days

Gage down from 6/07 13:32 (94) through 6/12 1:32 (94) for unknown reason; no rain fell.











**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at Towers Mtn. (gage # 5340) for Water Year 1998**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			.04				.04					.47
2							.43					.16
3				.08			.12					
4				.04	.24							.24
5				.12	.35					.59		
6			.12	.08	.08	.04				.20	.79	
7	.20		1.34	.08	.12	.24	.12				.28	
8			.79		.04	.08	.04	.08		1.42	.04	.04
9			.08		.63					.16	.04	.12
10				.04	.31							
11				.43	.04							.63
12		.04		.04			.24					
13			.04				.24	.43			.47	
14		.12	.12			.04	.04	.12				
15		.08			.12	.43						
16		.04		.04	.24		.04				1.26	
17											.51	
18					.12	.04						
19										.71		
20			.04		.12			.12		.04		
21										.12		
22	.39									.47		
23			.47							.51		
24												
25			.04		.35						.04	
26		.12			.16	.55						
27			.20		.12	.31						
28					.04					1.14		
29					----	.04						
30				.08	----	.59					.94	
31		----			----	.47	----		----		.20	----

SUM	0.59	0.39	3.27	0.94	3.07	2.83	1.30	0.75	0.00	5.35	4.57	1.65
ACC	0.59	0.98	4.25	5.20	8.27	11.10	12.40	13.15	13.15	18.50	23.07	24.72
MAX	0.39	0.12	1.34	0.43	0.63	0.59	0.43	0.43	0.00	1.42	1.26	0.63
NO.	2	5	11	9	16	11	9	4	0	10	10	6
	Maximum Daily Rainfall											1.42
	Maximum Monthly Rainfall											5.35
	Total Annual Rainfall											24.72
	Number of Days with Rain											93

**Notes:**

Annual rainfall in millimeters: 628

Total down-time: 0 days









**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at Agua Fria @ Buckeye (gage # 5400) for Water Year 1998**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1							.12					
2												
3				.04								
4					.91							.16
5										.16		
6			.08							.39	.04	.08
7			.16		.04					.12		
8					.75							
9					.31							.24
10				.16								
11		.04					.04					.91
12							.04					
13												
14					.08	.31						
15					.71	.04						
16												
17					.83					.24	.04	
18					.08							
19										.08		
20					.12							
21			.08									
22			.12									
23										.04		
24					.20							
25												
26						.31						
27												
28						.35						
29						.47						
30												
31												
SUM	0.00	0.04	0.43	0.20	4.02	1.50	0.20	0.00	0.00	0.91	0.20	1.38
ACC	0.00	0.04	0.47	0.67	4.69	6.18	6.38	6.38	6.38	7.28	7.48	8.86
MAX	0.00	0.04	0.16	0.16	0.91	0.47	0.12	0.00	0.00	0.39	0.12	0.91
NO.	0	1	4	2	10	5	3	0	0	5	3	4
							Maximum Daily Rainfall					0.91
							Maximum Monthly Rainfall					4.02
							Total Annual Rainfall					8.86
							Number of Days with Rain					37

**Notes:**

Annual rainfall in millimeters: 225

Total down-time: 2.9 days

Gage down from 5/08 21:31 (162) through 5/11 19:36 (162) due to programming error; no rain fell.

**Flood Control District of Maricopa County ALERT System**  
Daily Rainfall at Colter @ El Mirage Rd. (gage # 5405) for Water Year 1998

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1							.08					
2												
3				.04								
4					.83							.16
5										.12		
6			.04			.04					.04	.08
7			.35			----				.47	.55	
8					.47	----						
9					.12	----						.20
10				.24								
11		.08						.04				.87
12							.04					
13												
14		.08			.08	.24						
15					.59	.04						
16												
17					.91							
18												
19										.47		
20					.08							
21			.31									
22			.16									
23												
24					.20							
25												
26						.31						
27												
28						.31						
29					----	.28						
30					----							
31		----			----		----		----			----
SUM	0.00	0.16	0.87	0.28	3.27	1.22	0.16	0.00	0.00	1.06	0.59	1.30
ACC	0.00	0.16	1.02	1.30	4.57	5.79	5.94	5.94	5.94	7.01	7.60	8.90
MAX	0.00	0.08	0.35	0.24	0.91	0.31	0.08	0.00	0.00	0.47	0.55	0.87
NO.	0	2	4	2	8	6	3	0	0	3	2	4
							Maximum Daily Rainfall				0.91	
							Maximum Monthly Rainfall				3.27	
							Total Annual Rainfall				8.90	
							Number of Days with Rain				34	

**Notes:**

Annual rainfall in millimeters: 226

Total down-time: 4.0 days

Gage down from 3/06 11:51 (116) through 3/10 11:06 (117) due to battery failure; assigned 1mm to 3/06.

**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at Dysart Drain @ LAFB (gage # 5410) for Water Year 1998**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1							.08					
2												
3				.04								
4					1.18							.12
5										.04	.16	
6	----		.04			.04				.08	.08	.04
7	----		.39		.04					.43	.59	
8					.55							
9					.08							.08
10				.35								
11		.08					.04					.63
12												
13												
14		.08			.12	.28						
15					.59	.04						
16												
17					.87						.12	
18												
19										.16		
20					.08							
21	.04											
22			.51									
23												
24					.31							
25												
26						.31						
27												
28						.39						
29					----	.24						
30					----							
31		----			----		----		----			----
SUM	0.04	0.16	0.94	0.39	3.82	1.30	0.12	0.00	0.00	0.71	0.94	0.87
ACC	0.04	0.20	1.14	1.54	5.35	6.65	6.77	6.77	6.77	7.48	8.46	9.33
MAX	0.04	0.08	0.51	0.35	1.18	0.39	0.08	0.00	0.00	0.43	0.59	0.63
NO.	1	2	3	2	9	6	2	0	0	4	4	4
							Maximum Daily Rainfall					1.18
							Maximum Monthly Rainfall					3.82
							Total Annual Rainfall					9.33
							Number of Days with Rain					37

**Notes:**

Annual rainfall in millimeters: 237

Total down-time: 2.5 days

Gage down from 10/05 21:22 (0) through 10/08 9:22 (0) for unknown reason; no rain fell.

## Flood Control District of Maricopa County ALERT System

### Daily Rainfall at White Tanks #3 (gage # 5415) for Water Year 1998

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1							.08					
2												
3				.08								
4					1.34							.24
5										.04		
6												.16
7			.47							.71	.79	
8			.12		.87						.04	
9					.08							.28
10				.39								
11							.12					.24
12												
13		.04										
14					.12	.16						
15					.63	.04						
16												
17					1.93						.31	
18												
19										.12		
20					.12							
21			.20									
22			.28									
23												
24					.47							
25												
26						.31						
27												
28						.35						
29					----	.20						
30					----							
31		----			----		----		----		.04	----
SUM	0.00	0.04	1.06	0.47	5.55	1.06	0.20	0.00	0.00	0.87	1.18	0.91
ACC	0.00	0.04	1.10	1.57	7.13	8.19	8.39	8.39	8.39	9.25	10.43	11.34
MAX	0.00	0.04	0.47	0.39	1.93	0.35	0.12	0.00	0.00	0.71	0.79	0.28
NO.	0	1	4	2	8	5	2	0	0	3	4	4
Maximum Daily Rainfall												1.93
Maximum Monthly Rainfall												5.55
Total Annual Rainfall												11.34
Number of Days with Rain												33

**Notes:**

Annual rainfall in millimeters: 288

Total down-time: 0 days



## Flood Control District of Maricopa County ALERT System

### Daily Rainfall at McMicken Floodway (gage # 5435) for Water Year 1998

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1							.12					
2												
3				.08	.16							
4					.75							.16
5											.08	
6			.04		.04						.04	.12
7			.51							.24	.91	
8					.35							
9					.16							
10				.28								
11												.20
12												
13												
14					.12	.08						
15					.55	.08						
16												
17					1.10							
18												
19												
20					.12							
21			.39									
22			.39									
23												
24					.31						.20	
25												
26						.24						
27												
28						.20						
29					----	.08						
30					----							
31		----			----		----		----			----
SUM	0.00	0.00	1.34	0.35	3.66	0.67	0.12	0.00	0.00	0.24	1.22	0.47
ACC	0.00	0.00	1.34	1.69	5.35	6.02	6.14	6.14	6.14	6.38	7.60	8.07
MAX	0.00	0.00	0.51	0.28	1.10	0.24	0.12	0.00	0.00	0.24	0.91	0.20
NO.	0	0	4	2	10	5	1	0	0	1	4	3
	Maximum Daily Rainfall											1.10
	Maximum Monthly Rainfall											3.66
	Total Annual Rainfall											8.07
	Number of Days with Rain											30

**Notes:**

Annual rainfall in millimeters: 205

Total down-time: 0 days

**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at McMicken Dam (gage # 5445) for Water Year 1998**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1							.12					
2												
3				.16	.16							
4					.71							.08
5												
6										.08	.04	.28
7			.67						.20	1.65		
8			.04		.35							
9					.20							
10				.28								
11												.12
12												
13												
14					.12	.08						
15					.63	.08						
16												
17					1.26							
18												
19												
20					.12							
21			.43									
22			.43									
23												
24					.28						.04	
25												
26						.16						
27												
28						.20						
29					----	.04						
30					----							
31		----			----		----		----			----
SUM	0.00	0.00	1.57	0.43	3.82	0.55	0.12	0.00	0.00	0.28	1.73	0.47
ACC	0.00	0.00	1.57	2.01	5.87	6.42	6.54	6.54	6.54	6.81	8.54	9.02
MAX	0.00	0.00	0.67	0.28	1.26	0.20	0.12	0.00	0.00	0.20	1.65	0.28
NO.	0	0	4	2	9	5	1	0	0	2	3	3
							Maximum Daily Rainfall					1.65
							Maximum Monthly Rainfall					3.86
							Total Annual Rainfall					9.02
							Number of Days with Rain					29

**Notes:**

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Annual rainfall in millimeters: 229

Total down-time: 0 days

## Flood Control District of Maricopa County ALERT System

### Daily Rainfall at Patton Rd. (gage # 5450) for Water Year 1998

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1							.20					
2												
3				.20	.04							
4				.04	.98							.24
5											.12	
6			.20		.04						.24	.04
7			.75							.59	1.34	
8					.51				1.22	.12		
9				.04	.24							.16
10				.28								
11												.12
12				.04			.28				.12	
13		.04										
14					.16	.08						
15					.47	.08						
16												
17					.98						.04	
18												
19										.04		
20					.24							
21			.43									
22			.24									
23												
24					.31						.08	
25												
26						.51						
27												
28						.31						
29					----	.12						
30					----							
31		----			----		----		----			----
SUM	0.00	0.04	1.61	0.59	3.98	1.10	0.47	0.00	0.00	1.85	2.05	0.55
ACC	0.00	0.04	1.65	2.24	6.22	7.32	7.80	7.80	7.80	9.65	11.69	12.24
MAX	0.00	0.04	0.75	0.28	0.98	0.51	0.28	0.00	0.00	1.22	1.34	0.24
NO.	0	1	4	5	10	5	2	0	0	3	7	4
	Maximum Daily Rainfall											1.34
	Maximum Monthly Rainfall											3.98
	Total Annual Rainfall											12.24
	Number of Days with Rain											41

**Notes:**

Annual rainfall in millimeters: 311

Total down-time: 0 days



### Flood Control District of Maricopa County ALERT System Daily Rainfall at Wittmann (gage # 5455) for Water Year 1998

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			.04				.20					
2												
3				.28	.20							
4				.04	.55							.28
5											.12	
6			.16		.04						.16	.31
7			.59							.04	1.50	
8			.04		.51					.24		
9				.08	.31							.20
10				.20								
11												.20
12							.08				.04	
13								.04				
14		.08			.16	.08						
15					.51	.08						
16												
17					.91						.08	
18												
19												
20					.20							
21			.43									
22			.39									
23												
24					.24						.24	
25												
26						1.18						
27												
28						.28						
29					----	.16						
30					----							
31		----			----		----		----			----
SUM	0.00	0.08	1.65	0.59	3.62	1.77	0.28	0.04	0.00	0.28	2.13	0.98
ACC	0.00	0.08	1.73	2.32	5.94	7.72	7.99	8.03	8.03	8.31	10.43	11.42
MAX	0.00	0.08	0.59	0.28	0.91	1.18	0.20	0.04	0.00	0.24	1.50	0.31
NO.	0	1	6	4	10	5	2	1	0	2	6	4
	Maximum Daily Rainfall											1.50
	Maximum Monthly Rainfall											3.62
	Total Annual Rainfall											11.42
	Number of Days with Rain											41

**Notes:**

Annual rainfall in millimeters: 290

Total down-time: 0 days





**Flood Control District of Maricopa County ALERT System**  
Daily Rainfall at Circle City (gage # 5475) for Water Year 1998

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			.08				.20					
2												
3				.28	.12							
4				.08	.79							.39
5												
6			.24								.31	
7			.43		.04					1.69		
8					.51				.12	.04		.08
9				.08	.24							
10				.20								.04
11												.08
12							.16				.51	
13								.12			.20	
14		.04			.20	.08						
15					.39	.04						
16												
17					.91	.04						
18												
19												
20					.28							
21			.59									
22			.35							.47		
23												
24					.24						.28	
25												
26						.83						
27												
28						.43						
29					----	.04						
30					----							
31		----			----		----		----			----

SUM	0.00	0.04	1.69	0.63	3.70	1.46	0.35	0.12	0.00	0.59	3.03	0.59
ACC	0.00	0.04	1.73	2.36	6.06	7.52	7.87	7.99	7.99	8.58	11.61	12.20
MAX	0.00	0.04	0.59	0.28	0.91	0.83	0.20	0.12	0.00	0.47	1.69	0.39
NO.	0	1	5	4	10	6	2	1	0	2	6	4

Maximum Daily Rainfall	1.69
Maximum Monthly Rainfall	3.70
Total Annual Rainfall	12.20
Number of Days with Rain	41

**Notes:**

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Annual rainfall in millimeters: 310 Total down-time: 0 days



**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at Agua Fria @ Grand (gage # 5500) for Water Year 1998**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1							. 20					
2												
3				. 04	. 08							
4				. 04	1. 22		----					. 08
5							----			. 04	. 04	
6			. 04						. 04	. 08		
7			. 43		. 04				. 04			
8			. 08		. 47							
9					. 12							. 04
10				. 28								
11		. 16										. 20
12												
13		. 04										
14		. 04			. 08	. 04	. 04					
15					. 59							
16						. 04						. 04
17					. 94							
18												
19												
20					. 08							
21	. 08		. 43									
22			. 35									
23												
24			. 16		. 43						. 04	
25												
26						. 31						
27												
28					----	. 31						
29					----	. 31						
30					----							
31		----			----		----		----			----
SUM	0. 08	0. 24	1. 50	0. 35	4. 06	1. 02	0. 24	0. 00	0. 00	0. 12	0. 16	0. 35
ACC	0. 08	0. 31	1. 81	2. 17	6. 22	7. 40	7. 64	7. 64	7. 64	7. 76	7. 91	8. 27
MAX	0. 08	0. 16	0. 43	0. 28	1. 22	0. 31	0. 20	0. 00	0. 00	0. 04	0. 08	0. 20
NO.	1	3	6	3	10	5	2	0	0	3	3	4
							Maximum Dai l y Rai nfall					1. 22
							Maximum Monthl y Rai nfall					4. 06
							Total Annual Rai nfall					8. 27
							Number of Days wi th Rai n					40

**Notes:**

Annual rainfall in millimeters: 210

Total down-time: 2.5 days

Gage down from 4/03 12:11 (193) through 4/06 0:10 (193) due to antenna failure; no rain fell.









**Flood Control District of Maricopa County ALERT System**  
 Daily Rainfall at ACDC @ 67th Ave. (gauge # 5520) for Water Year 1998

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1							. 08					
2			. 04									
3				. 08	. 08					----		
4				. 08	1. 22					----		. 08
5										. 04		
6			. 04							. 79		. 04
7			. 47		. 04					. 12		. 04
8			. 08		. 59					----		
9					. 04					----		
10				. 24						----		
11				. 04			. 04			----		. 47
12							. 08			----		
13								. 04		----		
14		. 04			. 12	. 04				----		
15					. 55	. 04				----		
16												
17					. 98						. 04	
18												
19												
20					. 08							
21	. 08		. 08									
22			. 51									
23												
24					. 51						. 08	
25					. 04							
26						. 71						
27												
28						. 28			----			
29					----	. 20			----			
30					----				----			
31		----			----		----		----			----
SUM	0. 08	0. 04	1. 22	0. 43	4. 25	1. 26	0. 20	0. 04	0. 00	0. 94	0. 12	0. 63
ACC	0. 08	0. 12	1. 34	1. 77	6. 02	7. 28	7. 48	7. 52	7. 52	8. 50	8. 62	9. 25
MAX	0. 08	0. 04	0. 51	0. 24	1. 22	0. 71	0. 08	0. 04	0. 00	0. 79	0. 08	0. 47
NO.	1	1	6	4	11	5	3	1	0	3	2	4
							Maximum Daily Rainfall					1. 22
							Maximum Monthly Rainfall					4. 25
							Total Annual Rainfall					9. 25
							Number of Days with Rain					41

**Notes:**

Annual rainfall in millimeters: 235

Total down-time: 14.7 days

Gage down from 6/27 19:51 (191) through 7/01 19:51 (191) for unknown reason; no rain fell.

Gage down from 7/02 19:51 (191) through 7/05 7:51 (191) for unknown reason; no rain fell.

Gage down from 7/06 21:06 (208) through 7/15 1:31 (216) for unknown reason; assigned 5mm to 7/06 and 3mm to 7/07.

**Flood Control District of Maricopa County ALERT System**  
 Daily Rainfall at Grand @ Peoria Ave. (gage # 5525) for Water Year 1998

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP		
1			.04				.08					.04		
2														
3				.04										
4				.04	1.30							.08		
5										.08				
6			.04						.24	.16		.12		
7			.35		.04				.12	.47				
8			.24		.79									
9					.08									
10			----	.28								.08		
11			----				.04					.55		
12							.04							
13		.04												
14					.12	.04								
15					.59	.08								
16												.04		
17					.98						.12			
18														
19														
20					.08									
21	.04		.04											
22			.43							.08				
23														
24			.12		.55									
25														
26						.94								
27														
28						.35								
29					----	.24								
30					----									
31		----			----		----		----			----		
SUM	0.04	0.04	1.26	0.35	4.53	1.65	0.16	0.00	0.00	0.51	0.75	0.91		
ACC	0.04	0.08	1.34	1.69	6.22	7.87	8.03	8.03	8.03	8.54	9.29	10.20		
MAX	0.04	0.04	0.43	0.28	1.30	0.94	0.08	0.00	0.00	0.24	0.47	0.55		
NO.	1	1	7	3	9	5	3	0	0	4	3	6		
												Maximum Daily Rainfall	1.30	
													Maximum Monthly Rainfall	4.53
													Total Annual Rainfall	10.20
													Number of Days with Rain	42

**Notes:**

Annual rainfall in millimeters: 259

Total down-time: 2.4 days

Gage down from 12/09 23:25 (19) through 12/12 7:57 (19) due to battery failure; no rain fell.



**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at Deer Valley Airport (gage # 5550) for Water Year 1998**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1							.16					
2			.04									.08
3					.04							
4				.08	1.22							.08
5										.08		
6			.12							1.34		.04
7			.63		.08	.04				.31	.67	
8			.04		.55							
9					.24							
10				.28								
11							.04					.43
12							.04					
13								.04				
14		.04			.08	.16						
15					.67	.08	.04				.83	
16												
17					.75	.12						
18					.04							
19												
20					.16							
21	.04		.31									
22			.35									.16
23												
24					.75					.04		
25												
26						.98						
27												
28						.39						
29					----	.24						
30					----							
31		----			----		----		----			----
SUM	0.04	0.04	1.50	0.35	4.57	2.01	0.28	0.04	0.00	1.77	1.50	0.79
ACC	0.04	0.08	1.57	1.93	6.54	8.54	8.82	8.86	8.86	10.63	12.13	12.91
MAX	0.04	0.04	0.63	0.28	1.22	0.98	0.16	0.04	0.00	1.34	0.83	0.43
NO.	1	1	6	2	11	7	4	1	0	4	2	5
	Maximum Daily Rainfall											1.34
	Maximum Monthly Rainfall											4.61
	Total Annual Rainfall											12.91
	Number of Days with Rain											44

**Notes:**

Annual rainfall in millimeters: 328

Total down-time: 0 days



**Flood Control District of Maricopa County ALERT System**  
 Daily Rainfall at Upper Skunk Creek (gage # 5580) for Water Year 1998

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1							. 35					. 04
2							. 39					
3				. 12	. 31							
4				. 12	1. 22							. 04
5										. 04		
6			. 08		. 04							. 08
7			. 87		. 04					. 20	. 35	
8			. 04		. 43							
9				. 04	. 51							. 20
10				. 43								
11		. 43					. 20					. 35
12		. 04					. 20					
13								. 08				
14		. 12			. 12	. 04		. 04				
15					. 71	. 16	. 04				. 16	
16												
17					. 87	. 08					. 04	
18					. 04							
19												
20					. 20							
21			. 39									
22	. 04		. 59							. 39		. 16
23										. 20		
24					. 79						. 28	
25												
26						1. 42						
27												
28						. 59						
29					----	. 20						
30					----							
31		----			----		----		----			----
SUM	0. 04	0. 59	1. 97	0. 71	5. 28	2. 48	1. 18	0. 12	0. 00	0. 83	0. 83	0. 87
ACC	0. 04	0. 63	2. 60	3. 31	8. 58	11. 06	12. 24	12. 36	12. 36	13. 19	14. 02	14. 88
MAX	0. 04	0. 43	0. 87	0. 43	1. 22	1. 42	0. 39	0. 08	0. 00	0. 39	0. 35	0. 35
NO.	1	3	5	4	12	6	5	2	0	4	4	6
												1. 42
												5. 28
												14. 88
												52

**Notes:**

Annual rainfall in millimeters: 378

Total down-time: 0 days

## Flood Control District of Maricopa County ALERT System

### Daily Rainfall at New River @ Bell (gage # 5595) for Water Year 1998

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1			.04				.12						
2													
3					.08								
4				.08	.83							.08	
5													
6			.04							.79	.28		
7			.43		.08						.31		
8			.04		.63								
9					.08				----			.08	
10				.31					----				
11							.04					.47	
12													
13													
14		.04			.12								
15					.59	.08							
16													
17					1.02						.12		
18					.04								
19													
20					.04								
21			.04										
22			.47							.16			
23													
24					.59								
25													
26						.39							
27													
28						.35							
29					----	.24							
30					----								
31		----			----		----		----			----	
SUM	0.00	0.04	1.06	0.39	4.09	1.06	0.16	0.00	0.00	0.94	0.71	0.63	
ACC	0.00	0.04	1.10	1.50	5.59	6.65	6.81	6.81	6.81	7.76	8.46	9.09	
MAX	0.00	0.04	0.47	0.31	1.02	0.39	0.12	0.00	0.00	0.79	0.31	0.47	
NO.	0	1	6	2	11	4	2	0	0	2	3	3	
							Maximum Daily Rainfall					1.02	
							Maximum Monthly Rainfall					4.09	
							Total Annual Rainfall					9.09	
							Number of Days with Rain					34	

**Notes:**

Annual rainfall in millimeters: 231

Total down-time: 2.5 days

Gage down from 6/08 20:29 (173) through 6/11 8:29 (173) due to programming error; no rain fell.



**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at New River Dam (gage # 5610) for Water Year 1998**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1							. 16					
2									----			
3					. 12				----			
4					1. 34				----			. 12
5									----			
6			. 04						----	. 87	. 24	
7			. 43		. 04					. 12	. 51	
8			. 04		. 47							
9					. 31							. 04
10				. 39								
11				. 04								. 39
12							. 04					
13								. 04				
14					. 12							
15					. 67	. 08						
16												
17					. 91						. 16	
18												
19												
20					. 12							
21			. 04									
22			. 47									
23												
24					. 51							
25												
26						. 98						
27												
28						. 43						
29					----	. 24						
30					----							
31		----			----		----		----			----

SUM	0. 00	0. 00	1. 02	0. 43	4. 61	1. 73	0. 20	0. 04	0. 00	0. 98	0. 91	0. 55
ACC	0. 00	0. 00	1. 02	1. 46	6. 06	7. 80	7. 99	8. 03	8. 03	9. 02	9. 92	10. 47
MAX	0. 00	0. 00	0. 47	0. 39	1. 34	0. 98	0. 16	0. 04	0. 00	0. 87	0. 51	0. 39
NO.	0	0	5	2	10	4	2	1	0	2	3	3
										Maxi mum Dai l y Rai nfa l l		1. 34
										Maxi mum Monthl y Rai nfa l l		4. 61
										Total Annual Rai nfa l l		10. 47
										Number of Days wi th Rai n		32

**Notes:**

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Annual rainfall in millimeters: 266 Total down-time: 6.1 days

Gage down from 6/01 8:29 (204) through 6/07 9:52 (204) for unknown reason!; no rain fell.

**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at Sunup Ranch (gage # 5625) for Water Year 1998**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1							. 24					
2							. 04					
3					. 24							
4				. 04	. 75							. 24
5												
6			. 08		. 04					. 16		
7			. 63							1. 14		
8					. 47							
9				. 04	. 43							. 12
10				. 31								
11		. 04			----		. 12					. 28
12					----		. 04					
13												
14		. 04			. 12							
15					. 75	. 12						
16												
17					. 83	. 08					. 35	
18					. 04							
19										. 04		
20					. 24							
21			. 31									
22			. 51									
23												
24					. 59		----					----
25							----					----
26						. 91	----					
27												
28						. 79						
29				----	----	. 08						
30					----							
31		----			----		----		----			----
SUM	0. 00	0. 08	1. 54	0. 39	4. 49	1. 97	0. 43	0. 00	0. 00	1. 34	0. 35	0. 63
ACC	0. 00	0. 08	1. 61	2. 01	6. 50	8. 46	8. 94	8. 94	8. 94	10. 31	10. 71	11. 34
MAX	0. 00	0. 04	0. 63	0. 31	0. 83	0. 91	0. 24	0. 00	0. 00	1. 14	0. 35	0. 28
NO.	0	2	4	3	11	5	4	0	0	3	1	3
	Maximum Daily Rainfall											1. 14
	Maximum Monthly Rainfall											4. 49
	Total Annual Rainfall											11. 34
	Number of Days with Rain											36

**Notes:**

Annual rainfall in millimeters: 288

Total down-time: 9.0 days

Gage down from 2/10 21:30 (100) through 2/13 9:53 (100) for unknown reason; no rain fell.

Gage down from 4/23 21:31 (227) through 4/27 8:17 (227) due to transmitter failure; no rain fell.

Gage down from 9/23 20:22 (288) through 9/26 20:22 (288) for unknown reason; no rain fell.

## Flood Control District of Maricopa County ALERT System

### Daily Rainfall at New River Landfill (gage # 5630) for Water Year 1998

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1							. 20					
2												
3					. 20							
4					. 71							. 08
5												
6			. 08		. 04					. 28		. 04
7			. 79							. 35	. 08	. 04
8					. 47							
9					. 24							. 04
10				. 39								
11		. 12		. 04			. 12					. 47
12							. 04					
13								. 04				
14		. 08			. 12	. 04						
15					. 79	. 08						
16												
17					. 87	. 16					. 39	
18					. 04							
19												
20					. 20							
21			. 20									
22			. 59									. 08
23												
24					. 59						. 24	
25									----		. 04	
26						1. 38			----			
27												
28					----	. 83						
29					----	. 20						
30					----							
31		----			----		----		----			----
SUM	0. 00	0. 20	1. 65	0. 43	4. 25	2. 68	0. 35	0. 04	0. 00	0. 63	0. 75	0. 75
ACC	0. 00	0. 20	1. 85	2. 28	6. 54	9. 21	9. 57	9. 61	9. 61	10. 24	10. 98	11. 73
MAX	0. 00	0. 12	0. 79	0. 39	0. 87	1. 38	0. 20	0. 04	0. 00	0. 35	0. 39	0. 47
NO.	0	2	4	2	11	6	3	1	0	2	4	6
	Maxi mum Dai l y Rai nfall											1. 38
	Maxi mum Monthl y Rai nfall											4. 25
	Total Annual Rai nfall											11. 73
	Number of Days wi th Rai n											41

**Notes:**

Annual rainfall in millimeters: 298

Total down-time: 3.1 days

Gage down from 6/24 6:34 (244) through 6/27 7:45 (244) for unknown reason; no rain fell.

**Flood Control District of Maricopa County ALERT System**  
Daily Rainfall at Cooks Mesa (gage # 5640) for Water Year 1998

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1							.24					
2			.04				.12					
3				.43	.31							
4				.51	1.42							.12
5										.12		.04
6			.47		.04	.12				.75		
7	.20		1.10								.43	
8			.24		.51						.04	
9				.08	.67							.28
10				.35								
11		.28					.28					.35
12		.04					.94				.08	
13		.04						.35			.04	
14		.12			.20	.28						
15					.91	.20						
16												.16
17											.12	
18					.63	.04						
19										.12		
20					.24							
21			.28									
22			.83									.20
23										.08		
24			.12		1.06					.04	.04	
25			.08									
26		.08				2.09						
27						.20						
28						2.01					.16	
29					----	.04						
30					----	.24					.12	
31		----			----		----		----			----
SUM	0.20	0.55	3.15	1.38	5.98	5.20	1.57	0.35	0.00	1.10	1.02	1.14
ACC	0.20	0.75	3.90	5.28	11.26	16.46	18.07	18.43	18.43	19.53	20.55	21.69
MAX	0.20	0.28	1.10	0.51	1.42	2.09	0.94	0.35	0.00	0.75	0.43	0.35
NO.	1	5	8	4	10	9	4	1	0	5	8	6
	Maximum Daily Rainfall											2.09
	Maximum Monthly Rainfall											5.98
	Total Annual Rainfall											21.69
	Number of Days with Rain											61

**Notes:**

Annual rainfall in millimeters: 551

Total down-time: 0 days

## Flood Control District of Maricopa County ALERT System Daily Rainfall at Garfias Mtn. Ranch (gage # 5670) for Water Year 1998

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1							.24						
2													
3				.20	.43								
4				.08	.91							.55	
5													
6			.28		.04	.04				.47	.04	.28	
7			.59		.04						1.02		
8					.75					.24	.20	.20	
9				.08	.43								
10				.39									
11												.63	
12							.28						
13								.08					
14					.24	.16							
15					.51								
16													
17					1.06	.28				.28	.28		
18					.04								
19										.04			
20					.20								
21			.59		.04								
22			1.06										
23										.20			
24					.43						.08		
25													
26						.87							
27													
28						.71				.47			
29					----	.08							
30					----								
31		----			----		----		----			----	
SUM	0.00	0.00	2.52	0.75	5.12	2.13	0.51	0.08	0.00	1.69	1.61	1.65	
ACC	0.00	0.00	2.52	3.27	8.39	10.51	11.02	11.10	11.10	12.80	14.41	16.06	
MAX	0.00	0.00	1.06	0.39	1.06	0.87	0.28	0.08	0.00	0.47	1.02	0.63	
NO.	0	0	4	4	13	6	2	1	0	6	5	4	
												Maximum Daily Rainfall	1.06
												Maximum Monthly Rainfall	5.12
												Total Annual Rainfall	16.06
												Number of Days with Rain	45

**Notes:**

Annual rainfall in millimeters: 408

Total down-time: 0 days



**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at Horsethief Basin (gage # 5700) for Water Year 1998**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			. 12			----	. 04					. 08
2							. 39					. 08
3				. 31	. 08							
4				. 75	. 51							. 98
5				. 04	. 87					. 04		
6			. 51		. 24	. 08				. 87	. 47	. 20
7			1. 57		. 04	. 04				. 43	. 12	
8			. 24		. 12			. 04			. 28	
9					. 35							. 24
10				. 20	. 04							
11		. 20		. 12			. 08					. 83
12							. 59				. 31	
13								. 31				
14		. 20				. 16						
15					. 39	. 24	. 04					
16					. 16		. 04				. 08	
17					. 08					. 04	. 43	
18					1. 18	. 04						
19										1. 42		
20			. 08		. 28			. 08				
21	. 12				. 04							
22	. 12		. 59									. 08
23			. 67							. 75		
24			. 20							. 12		
25			. 35		. 12						. 31	
26		. 04	. 24			. 83						
27				----		. 43						
28					----	. 55				. 04		
29					----	. 16						
30					----	. 47					1. 30	
31		----			----	. 08	----		----		. 04	----
SUM	0. 24	0. 43	4. 57	1. 42	4. 49	3. 07	1. 18	0. 43	0. 00	3. 70	3. 35	2. 48
ACC	0. 24	0. 67	5. 24	6. 65	11. 14	14. 21	15. 39	15. 83	15. 83	19. 53	22. 87	25. 35
MAX	0. 12	0. 20	1. 57	0. 75	1. 18	0. 83	0. 59	0. 31	0. 00	1. 42	1. 30	0. 98
NO.	2	3	10	5	15	11	6	3	0	8	9	7
							Maximum Dai l y Rai nfal l					1. 57
							Maximum Monthl y Rai nfal l					4. 57
							Total Annual Rai nfal l					25. 35
							Number of Days wi th Rai n					79

**Notes:**

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Annual rainfall in millimeters: 644 Total down-time: 2.5 days

Gage down from 2/27 21:48 (283) through 3/02 9:48 (283) for unknown reason; no rain fell.

**Flood Control District of Maricopa County ALERT System  
Daily Rainfall at Crown King (gage # 5715) for Water Year 1998**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			.04				.08					.20
2							.28					.39
3				.24	.04							
4				.47	.47							.35
5				.04	.31					.51		
6			.28			.12				1.42	.43	.12
7	.16		1.65		.08	.08	.04				.39	
8			.31		.28					1.14	.16	.04
9			.04		.39					.04		.12
10				.28								
11				.20			.16					1.57
12		.04					.39				.04	
13								.43			.04	
14		.24				.35		.08				
15					.28	.39	.04					
16					.08						.04	
17					.04	.04					.59	
18					.43	.04						
19										.91		
20			.04		.24			.16				
21												
22	.59		.43							.67		
23			.59							.20		
24			.04									
25			.04		.31						.28	
26		.04				.79						
27						.35						
28			.04			.28				2.01		
29					----	.04				----		
30					----	.39					.55	
31		----			----		----		----		.12	----
SUM	0.75	0.31	3.50	1.22	2.95	2.87	0.98	0.67	0.00	6.89	2.64	2.80
ACC	0.75	1.06	4.57	5.79	8.74	11.61	12.60	13.27	13.27	20.16	22.80	25.59
MAX	0.59	0.24	1.65	0.47	0.47	0.79	0.39	0.43	0.00	2.01	0.59	1.57
NO.	2	3	11	5	12	11	6	3	0	8	10	7
							Maximum Daily Rainfall					2.01
							Maximum Monthly Rainfall					6.89
							Total Annual Rainfall					25.59
							Number of Days with Rain					78

**Notes:**

Annual rainfall in millimeters: 650

Total down-time: 1.5 days

Gage down from 7/28 22:02 (512) through 7/30 10:02 (512) due to transmitter failure; no rain fell.





**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at Horseshoe Ranch (gage # 5745) for Water Year 1998**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP		
1							.20					.08		
2							.35							
3				.28	.24									
4				.24	.63									
5						.16				.31				
6			.35			.08				.91		.04		
7	.16		.55		.04									
8			.04		.12						.04			
9				.20	.51							.04		
10				.28										
11		.35					.04					.51		
12							.63				.08			
13		.04									.31			
14		.04			.12	.16								
15					.59	.16								
16														
17					.28					.43	.04			
18					.04	.12								
19										.28				
20					.24					.08				
21	.04		.28								.08			
22			.47									.16		
23										.24				
24					.59									
25			.04		.04									
26						.98								
27						.04								
28					----	.94								
29					----	.04								
30				.04	----						.04			
31		----			----		----		----		.04	----		
SUM	0.20	0.43	1.73	1.02	3.43	2.68	1.22	0.00	0.00	2.24	0.63	0.83		
ACC	0.20	0.63	2.36	3.39	6.85	9.53	10.75	10.75	10.75	12.99	13.62	14.45		
MAX	0.16	0.35	0.55	0.28	0.63	0.98	0.63	0.00	0.00	0.91	0.31	0.51		
NO.	2	3	6	5	12	9	4	0	0	6	7	5		
													Maximum Daily Rainfall	0.98
													Maximum Monthly Rainfall	3.46
													Total Annual Rainfall	14.45
													Number of Days with Rain	59

**Notes:**

Annual rainfall in millimeters: 367

Total down-time: 0 days

**Flood Control District of Maricopa County ALERT System**  
 Daily Rainfall at Horner Mtn. Ranch (gage # 5760) for Water Year 1998

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1							. 12					. 04
2							. 28					
3				. 35	. 16							
4				. 20	. 51							
5						. 04				. 91		
6			. 39			. 08				. 51	. 67	
7	. 43		. 51									
8			. 20		. 16							
9				. 16	. 24					. 67	. 16	. 12
10				. 24								
11							. 04					. 51
12							. 43				. 12	
13											. 28	
14												
15					. 39	. 16						
16												. 08
17					. 04	. 16				. 28	. 08	
18												
19										. 59		
20					. 16							
21	. 04		. 28								. 08	
22	. 39		. 51							. 04		. 20
23			. 04							. 04	. 04	
24	. 04				. 43							
25												
26						1. 06						
27						. 04						
28						. 67						
29					----	. 08				. 04		
30					----							
31		----			----		----		----			----
SUM	0. 91	0. 00	1. 93	0. 94	2. 09	2. 28	0. 87	0. 00	0. 00	3. 07	1. 42	0. 94
ACC	0. 91	0. 91	2. 83	3. 78	5. 87	8. 15	9. 02	9. 02	9. 02	12. 13	13. 58	14. 53
MAX	0. 43	0. 00	0. 51	0. 35	0. 51	1. 06	0. 43	0. 00	0. 00	0. 91	0. 67	0. 51
NO.	4	0	6	4	8	8	4	0	0	8	7	5
	Maximum Daily Rainfall											1. 06
	Maximum Monthly Rainfall											3. 11
	Total Annual Rainfall											14. 53
	Number of Days with Rain											54

**Notes:**

Annual rainfall in millimeters: 369

Total down-time: 0 days





**Flood Control District of Maricopa County ALERT System  
Daily Rainfall at Dewey (gage # 5805) for Water Year 1998**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP		
1							.08					.24		
2							.20							
3					.20									
4				.20	.47							.08		
5										.04				
6			.12			.24				.35	.91	.04		
7			.31								.31			
8			.16		.08									
9			.08	.04	.20					.16		.08		
10				.16										
11							.04					1.61		
12							.43							
13								.12			.12			
14					.16	.08					.04			
15					.51									
16														
17					.12	.51					.04			
18					.16	.04								
19										.12				
20			.08		.28			.08		.04				
21	.04		.35											
22	.04		.47							.08		.08		
23			.55							.04				
24					.24					.59	.28			
25					.24									
26						1.10					.12			
27						.08								
28						.71								
29					----	.04				.04				
30					----						.16			
31		----			----		----		----			----		
SUM	0.08	0.00	2.13	0.39	2.64	2.80	0.75	0.20	0.00	1.46	1.97	2.13		
ACC	0.08	0.08	2.20	2.60	5.24	8.03	8.78	8.98	8.98	10.43	12.40	14.53		
MAX	0.04	0.00	0.55	0.20	0.51	1.10	0.43	0.12	0.00	0.59	0.91	1.61		
NO.	2	0	8	3	11	8	4	2	0	9	8	6		
													Maximum Daily Rainfall	1.61
													Maximum Monthly Rainfall	2.80
													Total Annual Rainfall	14.53
													Number of Days with Rain	61

**Notes:**

Annual rainfall in millimeters: 369

Total down-time: 0 days











**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at Thompson Peak (gage # 5945) for Water Year 1998**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			. 12				. 20					
2												
3					. 04							
4					1. 42							. 12
5												. 08
6			. 16		. 04					. 04		. 24
7	. 08		. 35									
8			. 24		. 51							
9					. 39							. 04
10				. 24								
11												
12		. 04					. 28					
13		. 04						. 08				
14		. 08			. 04	. 08						
15					. 35	. 16					. 67	
16						. 04						
17					. 91						. 04	
18					. 08							
19												
20					. 24							
21	. 08		. 24									
22	. 08		. 71									. 08
23										. 12		
24			. 04		. 47							
25			. 04									
26						. 91						
27												
28						. 12					. 04	
29					----	. 12						
30					----	. 04						
31		----			----		----		----			----
SUM	0. 24	0. 16	1. 89	0. 24	4. 49	1. 46	0. 47	0. 08	0. 00	0. 16	0. 75	0. 55
ACC	0. 24	0. 39	2. 28	2. 52	7. 01	8. 46	8. 94	9. 02	9. 02	9. 17	9. 92	10. 47
MAX	0. 08	0. 08	0. 71	0. 24	1. 42	0. 91	0. 28	0. 08	0. 00	0. 12	0. 67	0. 24
NO.	3	3	8	1	11	7	2	1	0	2	3	5
	Maximum Dai l y Rai nfall											1. 42
	Maximum Monthl y Rai nfall											4. 49
	Total Annual Rai nfall											10. 47
	Number of Days wi th Rai n											46

**Notes:**

Annual rainfall in millimeters: 266

Total down-time: 0 days

**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at Fountain Hills Fire (gage # 5950) for Water Year 1998**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			. 20				. 35					
2			. 04									
3					. 04							
4					1. 61							. 24
5												
6			. 08			. 04				. 04		. 12
7			. 39									
8			. 43		. 63							. 04
9					. 75							
10				. 43								
11												. 12
12		. 08					. 04					
13		. 04						. 04				
14		. 08			. 04	. 08						
15					. 63	. 08					. 12	
16												
17					. 94						. 04	
18					. 04							
19												
20					. 12							
21	. 16		. 16									
22	. 16		. 55									. 04
23												
24			. 28		1. 18							
25					. 04							
26						1. 46						
27												
28						. 55					. 04	
29					----	. 28						
30					----							
31		----			----		----		----			----
SUM	0. 31	0. 20	2. 13	0. 43	6. 02	2. 48	0. 39	0. 04	0. 00	0. 04	0. 20	0. 55
ACC	0. 31	0. 51	2. 64	3. 07	9. 09	11. 57	11. 97	12. 01	12. 01	12. 05	12. 24	12. 80
MAX	0. 16	0. 08	0. 55	0. 43	1. 61	1. 46	0. 35	0. 04	0. 00	0. 04	0. 12	0. 24
NO.	2	3	8	1	11	6	2	1	0	1	3	5
							Maximum Dai ly Rai nfall					1. 61
							Maximum Monthl y Rai nfall					6. 02
							Total Annual Rai nfall					12. 80
							Number of Days wi th Rai n					43

**Notes:**

Annual rainfall in millimeters: 325

Total down-time: 0 days

**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at Mt. Ord (gage # 5960) for Water Year 1998**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1						----	----					. 20
2			. 20			----	----				. 39	. 12
3				. 04	. 16	----	----					
4				. 20		----	----					. 47
5				. 35	----	----	----			. 83	. 08	. 51
6			. 16		----	----	----					. 20
7	. 16		2. 64		----	----	----					
8			3. 27		----	----	----			. 20		
9			. 04		----	----	----					. 12
10				. 31	----	----	----					
11		. 91		. 16	----	----	----				. 16	
12		. 31		. 04	----	----	----				. 20	
13		. 08			----	----	----	. 12				
14		. 28			----	----	----				. 04	
15					----	----	----				. 04	
16					----	----	----					. 12
17					----	----	----			. 20		
18					----	----	----			. 08		
19				. 04	----	----	----			. 04		
20			. 08		----	----	----				. 04	
21	. 39				----	----	----					
22	. 35		. 16		----	----	----			. 04		
23			. 31		----	----	----			. 16	. 08	
24	. 12				----	----	----			. 04		
25	. 04		. 12		----	----	----					
26			. 08		----	----	----					
27	. 04	. 08	. 28		----	----	----					
28					----	----	----				. 08	
29					----	----	----					
30				. 08	----	----	----					
31		----			----	----	----		----		. 04	----
SUM	1. 10	1. 65	7. 32	1. 22	0. 16	----	0. 00	0. 12	0. 00	1. 57	1. 14	1. 73
ACC	1. 10	2. 76	10. 08	11. 30	11. 46	11. 46	11. 46	11. 57	11. 57	13. 15	14. 29	16. 02
MAX	0. 39	0. 91	3. 27	0. 35	0. 16	----	0. 00	0. 12	0. 00	0. 83	0. 39	0. 51
NO.	6	5	11	8	1	----	0	1	0	8	10	7
											Maximum Daily Rainfall	3. 27
											Maximum Monthly Rainfall	7. 32
											<b>Partial</b> Annual Rainfall	16. 02
											Number of Days with Rain	57

**Notes:**

Partial annual rainfall in millimeters: 407

Total down-time: 76 days

Gage down from 2/03 - 4/20 due to damage from high winds; station could not be repaired because of heavy snowfall; Feb., Mar., Apr. and annual totals are inaccurate.



**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at SunRidge Canyon Dam (gage # 5970) for Water Year 1998**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			.16				.31					
2			.04									
3					.04							
4					1.69							.16
5												
6			.08			.12						.28
7			.47									
8			.28		.63							
9					.67							.12
10				.39								
11												.12
12		.08					.04				.08	
13								.04				
14		.08			.04	.08						
15					.67	.12					.35	
16												
17					1.02						.08	
18					.08							
19												
20					.16							
21	.16		.16									
22	.16		.63									.04
23												
24			.12		1.26							
25												
26						1.30						
27												
28						.43						
29					----	.24						
30					----	.04						
31		----			----		----		----			----
SUM	0.31	0.16	1.93	0.39	6.26	2.32	0.35	0.04	0.00	0.00	0.51	0.71
ACC	0.31	0.47	2.40	2.80	9.06	11.38	11.73	11.77	11.77	11.77	12.28	12.99
MAX	0.16	0.08	0.63	0.39	1.69	1.30	0.31	0.04	0.00	0.00	0.35	0.28
NO.	2	2	8	1	10	7	2	1	0	0	3	5
							Maximum Daily Rainfall				1.69	
							Maximum Monthly Rainfall				6.26	
							Total Annual Rainfall				12.99	
							Number of Days with Rain				41	

**Notes:**

Annual rainfall in millimeters: 330

Total down-time: 0 days

**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at Cloudburst Wash (gage # 5975) for Water Year 1998**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			. 16				. 43					
2			. 04									
3					. 04							
4					1. 77							. 12
5				. 04								
6			. 12			. 08						. 12
7			. 87		. 04							
8			. 51		. 59							
9					. 79							. 12
10				. 35	. 08							
11												. 08
12		. 08					. 20				. 04	
13								. 08				
14		. 12			. 04	. 08						
15					. 71	. 12					1. 02	
16												
17					1. 06						. 08	
18					. 12							
19												
20					. 28							
21	. 20		. 12									
22	. 12		. 67									. 12
23												
24			. 04		1. 14							
25												
26						1. 14						
27												
28						. 47					. 04	
29					----	. 24						
30				. 04	----							
31		----			----		----		----			----
SUM	0. 31	0. 20	2. 52	0. 43	6. 65	2. 13	0. 63	0. 08	0. 00	0. 00	1. 18	0. 55
ACC	0. 31	0. 51	3. 03	3. 46	10. 12	12. 24	12. 87	12. 95	12. 95	12. 95	14. 13	14. 69
MAX	0. 20	0. 12	0. 87	0. 35	1. 77	1. 14	0. 43	0. 08	0. 00	0. 00	1. 02	0. 12
NO.	2	2	8	3	12	6	2	1	0	0	4	5
							Maximum Dai ly Rai nfall					1. 77
							Maximum Monthl y Rai nfall					6. 65
							Total Annual Rai nfall					14. 69
							Number of Days wi th Rai n					45

**Notes:**

Annual rainfall in millimeters: 373

Total down-time: 0 days





## Flood Control District of Maricopa County ALERT System

### Daily Rainfall at Golden Eagle Blvd. (gage # 5985) for Water Year 1998

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1			. 16				. 51						
2			. 04										
3					. 04								
4				. 04	2. 20							. 20	
5													
6			. 12									. 12	
7			. 67										
8			. 35		. 71								
9					. 59							. 12	
10				. 28									
11												. 04	
12		. 08					. 24						
13		. 04						. 08					
14		. 08			. 04	. 08							
15					. 75	. 08					. 59		
16													
17					1. 10						. 08		
18					. 04								
19													
20					. 20								
21	. 20		. 20										
22	. 08		. 67									. 08	
23													
24			. 04		1. 06								
25													
26						1. 38							
27													
28							. 51				. 04		
29					----		. 31						
30				. 04	----								
31		----			----		----		----			----	
SUM	0. 28	0. 20	2. 24	0. 35	6. 73	2. 36	0. 75	0. 08	0. 00	0. 00	0. 71	0. 55	
ACC	0. 28	0. 47	2. 72	3. 07	9. 80	12. 17	12. 91	12. 99	12. 99	12. 99	13. 70	14. 25	
MAX	0. 20	0. 08	0. 67	0. 28	2. 20	1. 38	0. 51	0. 08	0. 00	0. 00	0. 59	0. 20	
NO.	2	3	8	3	10	5	2	1	0	0	3	5	
												Maximum Dai ly Rai nfal l	2. 20
												Maxi mum Monthl y Rai nfal l	6. 73
												Total Annual Rai nfal l	14. 25
												Number of Days wi th Rai n	42

**Notes:**

Annual rainfall in millimeters: 362

Total down-time: 0 days





**Flood Control District of Maricopa County ALERT System**  
Daily Rainfall at Guadalupe FRS (gage # 6500) for Water Year 1998

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP		
1			.08				.12							
2														
3														
4					.43									
5														
6						.08				.20		.24		
7			.12							.04				
8					.28									
9					.24									
10				.31										
11														
12							.04				.71			
13														
14						.04				----				
15					.31	.04				----	.12			
16														
17					.16						.51			
18														
19														
20					.08									
21	.08		.04											
22												.24		
23														
24					.16									
25														
26						.16	.04							
27														
28						.31								
29					----	.24								
30					----									
31		----			----		----		----			----		
SUM	0.08	0.00	0.24	0.31	1.65	0.87	0.20	0.00	0.00	0.24	1.34	0.47		
ACC	0.08	0.08	0.31	0.63	2.28	3.15	3.35	3.35	3.35	3.58	4.92	5.39		
MAX	0.08	0.00	0.12	0.31	0.43	0.31	0.12	0.00	0.00	0.20	0.71	0.24		
NO.	1	0	3	1	7	6	3	0	0	2	3	2		
													Maximum Daily Rainfall	0.71
													Maximum Monthly Rainfall	1.65
													Total Annual Rainfall	5.39
													Number of Days with Rain	28

**Notes:**

Annual rainfall in millimeters: 137

Total down-time: 2.5 days

Gage down from 7/13 12:52 (91) through 7/16 0:52 (91) for unknown reason; no rain fell.

NOTE: this gage may read artificially low because of an attached shield which blocks sprinkler water.

**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at South Mountain Park (gauge # 6510) for Water Year 1998**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			. 24				. 12					
2												
3												
4					. 94							. 12
5										. 08		
6			. 04			. 08				. 83		. 47
7			. 28							. 39		
8			. 04		. 59							
9					. 35							
10				. 55								
11												
12											. 20	
13								. 04				
14		. 04			. 04	. 12						
15					. 43	. 08					. 12	
16												
17					. 67						. 31	
18					. 04							
19												
20					. 16							
21	. 24		. 12									
22			. 20									. 16
23												
24					. 24							
25												
26						. 31						
27												
28						. 28						
29					----	. 51						
30					----							
31		----			----		----		----			----

SUM	0. 24	0. 04	0. 91	0. 55	3. 46	1. 38	0. 12	0. 04	0. 00	1. 30	0. 63	0. 75	
ACC	0. 24	0. 28	1. 18	1. 73	5. 20	6. 57	6. 69	6. 73	6. 73	8. 03	8. 66	9. 41	
MAX	0. 24	0. 04	0. 28	0. 55	0. 94	0. 51	0. 12	0. 04	0. 00	0. 83	0. 31	0. 47	
NO.	1	1	6	1	9	6	1	1	0	3	3	3	
												Maximum Daily Rainfall	0. 94
												Maximum Monthly Rainfall	3. 46
												Total Annual Rainfall	9. 41
												Number of Days with Rain	35

**Notes:**

Annual rainfall in millimeters: 239

Total down-time: 0 days

**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at Carriage Lane Park (gage # 6520) for Water Year 1998**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			.16				.12					
2			.04									
3												
4					.79							.08
5										.04		
6			.04			.08						
7			.28									
8			.08		.31							
9					.24							
10				.55								
11												
12			----									
13			----					.04				
14		.04	----		.04	.08						
15			----		.24	.12					.24	
16			----									
17			----		.35					.04	.08	
18			----		.16		----					
19			.04				----					
20					.39		----					
21			.35				----					
22	.04		.24									.08
23			.04									
24					.31							
25												
26						.28						
27												
28						.24						
29					----	.08						
30				.04	----							
31		----			----		----		----	.04		----
SUM	0.04	0.04	1.26	0.59	2.83	0.87	0.12	0.04	0.00	0.12	0.31	0.16
ACC	0.04	0.08	1.34	1.93	4.76	5.63	5.75	5.79	5.79	5.91	6.22	6.38
MAX	0.04	0.04	0.35	0.55	0.79	0.28	0.12	0.04	0.00	0.04	0.24	0.08
NO.	1	1	9	2	9	6	1	1	0	3	2	2
	Maximum Daily Rainfall											0.79
	Maximum Monthly Rainfall											2.83
	Total Annual Rainfall											6.38
	Number of Days with Rain											37

**Notes:**

Annual rainfall in millimeters: 162

Total down-time: 11.6 days

Gage down from 12/12 through 12/18 for building construction; no rain fell.

Gage down from 4/17 19:01 (146) through 4/22 8:47 (146) due to vandalism; no rain fell.





**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at Chandler @ Alma School (gage # 6530) for Water Year 1998**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1			.16				.12						
2			.24										
3													
4					.87							.20	
5										.08			
6			.08			.08						.04	
7	.16		.43										
8			.31		.63								
9					.59								
10				.35									
11													
12				.04									
13													
14		.04			.04	.12							
15					.35						.04		
16						.04							
17					.43					.12	1.02		
18					.12					.04			
19			.04							.04			
20					.28								
21	.04		.16										
22	.16		.24									.04	
23													
24					.28								
25													
26						.35							
27													
28						.28					.04		
29					----	.12							
30					----	.08							
31		----			----		----		----			----	
SUM	0.35	0.04	1.65	0.39	3.58	1.06	0.12	0.00	0.00	0.28	1.10	0.28	
ACC	0.39	0.43	2.09	2.48	6.06	7.13	7.24	7.24	7.24	7.52	8.62	8.90	
MAX	0.16	0.04	0.43	0.35	0.87	0.35	0.12	0.00	0.00	0.12	1.02	0.20	
NO.	3	1	8	2	9	7	1	0	0	4	3	3	
												Maximum Daily Rainfall	1.02
												Maximum Monthly Rainfall	3.58
												Total Annual Rainfall	8.90
												Number of Days with Rain	41

**Notes:**

Annual rainfall in millimeters: 226

Total down-time: 0 days

**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at Mesa Tower (gage # 6540) for Water Year 1998**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			.24				.16					
2			.16									
3												
4					.98							
5										.04		
6			.08			.31						.04
7	.08		.24									
8			.16		.43							
9					.55							.24
10				.55								
11		.08		.04								
12												
13								.04				
14		.04			.08	.12						
15					.39	.08					.16	
16												
17					.59					.04	.28	
18					.16							
19												
20					.31							
21	.04		.16									
22	.12		.39									.24
23												
24					.31							
25												
26						.31						
27												
28						.31					.12	
29					----	.04						
30					----	.04						
31		----			----		----		----	.43		----
SUM	0.24	0.12	1.42	0.59	3.82	1.22	0.16	0.04	0.00	0.51	0.55	0.51
ACC	0.24	0.35	1.77	2.36	6.18	7.40	7.56	7.60	7.60	8.11	8.66	9.17
MAX	0.12	0.08	0.39	0.55	0.98	0.31	0.16	0.04	0.00	0.43	0.28	0.24
NO.	3	2	7	2	9	7	1	1	0	3	3	3
	Maximum Daily Rainfall											0.98
	Maximum Monthly Rainfall											3.82
	Total Annual Rainfall											9.17
	Number of Days with Rain											41

**Notes:**

Annual rainfall in millimeters: 233

Total down-time: 0 days



## Flood Control District of Maricopa County ALERT System

### Daily Rainfall at Ahwatukee (gage # 6550) for Water Year 1998

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			.16				.24					
2			.04									
3												
4					.79							.04
5										.04		
6						.04				.12		.51
7			.31			.04						
8			.04		.63							
9					.39							
10				.59								
11												
12											.28	
13								.04				
14		.04			.08	.04						
15					.55	.16					.31	
16												
17					.71						.75	
18					.04							
19			.04									
20					.12							
21	.04		.08									
22	.04		.20									.24
23	.04									.04		
24					.28							
25					.04							
26						.35						
27												
28						.31					.12	
29					----	.16						
30				.04	----							
31		----			----		----		----			----
SUM	0.12	0.04	0.87	0.63	3.62	1.10	0.24	0.04	0.00	0.20	1.46	0.79
ACC	0.12	0.16	1.02	1.65	5.28	6.38	6.61	6.65	6.65	6.85	8.31	9.09
MAX	0.04	0.04	0.31	0.59	0.79	0.35	0.24	0.04	0.00	0.12	0.75	0.51
NO.	3	1	7	2	10	7	1	1	0	3	4	3
Maximum Daily Rainfall												0.79
Maximum Monthly Rainfall												3.62
Total Annual Rainfall												9.09
Number of Days with Rain												42

**Notes:**

Annual rainfall in millimeters: 231

Total down-time: 0 days





**Flood Control District of Maricopa County ALERT System**  
 Daily Rainfall at EMF @ Queen Creek (gage # 6580) for Water Year 1998

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			. 20				. 04					
2			. 08									
3				. 04								
4				. 04	. 20							. 04
5												
6												. 12
7	. 04		. 12									
8			. 04		. 31							. 04
9					. 24							. 04
10				. 08								
11		. 12										
12				. 04								
13												
14		. 04				. 12						
15					. 28							
16											. 12	
17					. 12	. 04					. 16	
18					. 12					. 04		
19												
20					. 08							
21	. 04		. 04									
22	. 31		. 08									
23												
24					. 47							
25												
26						. 35						
27												
28						. 12					. 08	
29					----	. 35						
30					----							
31		----			----		----		----	----		----
SUM	0. 39	0. 16	0. 55	0. 20	1. 81	0. 98	0. 04	0. 00	0. 00	0. 04	0. 35	0. 24
ACC	0. 39	0. 55	1. 10	1. 30	3. 11	4. 09	4. 13	4. 13	4. 13	4. 17	4. 53	4. 76
MAX	0. 31	0. 12	0. 20	0. 08	0. 47	0. 35	0. 04	0. 00	0. 00	0. 04	0. 16	0. 12
NO.	3	2	6	4	8	5	1	0	0	1	3	4
	Maximum Dai l y Rai nfall											0. 47
	Maximum Monthl y Rai nfall											1. 81
	Total Annual Rai nfall											4. 76
	Number of Days wi th Rai n											37

**Notes:**

Annual rainfall in millimeters: 121

Total down-time: 0 days

**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at EMF @ Arizona Ave. (gage # 6595) for Water Year 1998**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP		
1			. 75				. 16	----						
2			. 20					----						
3														
4					. 87							. 20		
5										. 04				
6			. 04							. 39	. 04			
7	. 08		. 20											
8			. 08		. 51									
9					. 63									
10				. 08										
11														
12				. 04										
13		. 04												
14		. 04			. 08	. 20								
15					. 39						. 24			
16						. 04								
17					. 16	. 04								
18					. 08									
19			. 08											
20					. 20									
21	. 08		. 24											
22	1. 06		. 12											
23														
24					. 35									
25														
26						. 71								
27														
28						. 28					. 16			
29					----	. 28								
30					----									
31		----			----		----		----			----		
SUM	1. 22	0. 08	1. 69	0. 12	3. 27	1. 54	0. 16	0. 00	0. 00	0. 43	0. 43	0. 20		
ACC	1. 22	1. 30	2. 99	3. 11	6. 38	7. 91	8. 07	8. 07	8. 07	8. 54	8. 98	9. 17		
MAX	1. 06	0. 04	0. 75	0. 08	0. 87	0. 71	0. 16	0. 00	0. 00	0. 39	0. 24	0. 20		
NO.	3	2	8	2	9	6	1	0	0	2	3	1		
												Maximum Dai l y Rai nfall	1. 06	
													Maximum Monthl y Rai nfall	3. 27
													Total Annual Rai nfall	9. 17
													Number of Days wi th Rai n	37

**Notes:**

Annual rainfall in millimeters: 233

Total down-time: 2.5 days

Gage down from 4/30 22:31 (205) through 5/03 10:31 (205) for unknown reason; no rain fell.



**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at Guadalupe Channel (gage # 6600) for Water Year 1998**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1	----	----	----	----	----	----	----	----	----	----	----	----	
2	----	----	----	----	----	----	----	----	----	----	----	----	
3	----	----	----	----	----	----	----	----	----	----	----	----	
4	----	----	----	----	----	----	----	----	----	----	----	. 16	
5	----	----	----	----	----	----	----	----	----	----	----	----	
6	----	----	----	----	----	----	----	----	----	----	----	. 12	
7	----	----	----	----	----	----	----	----	----	----	----	----	
8	----	----	----	----	----	----	----	----	----	----	----	. 04	
9	----	----	----	----	----	----	----	----	----	----	----	. 20	
10	----	----	----	----	----	----	----	----	----	----	----	----	
11	----	----	----	----	----	----	----	----	----	----	----	----	
12	----	----	----	----	----	----	----	----	----	----	----	----	
13	----	----	----	----	----	----	----	----	----	----	----	----	
14	----	----	----	----	----	----	----	----	----	----	. 04	----	
15	----	----	----	----	----	----	----	----	----	----	1. 26	----	
16	----	----	----	----	----	----	----	----	----	----	----	----	
17	----	----	----	----	----	----	----	----	----	----	----	----	
18	----	----	----	----	----	----	----	----	----	----	----	----	
19	----	----	----	----	----	----	----	----	----	----	----	----	
20	----	----	----	----	----	----	----	----	----	----	----	----	
21	----	----	----	----	----	----	----	----	----	----	----	----	
22	----	----	----	----	----	----	----	----	----	----	----	----	
23	----	----	----	----	----	----	----	----	----	----	----	----	
24	----	----	----	----	----	----	----	----	----	----	----	----	
25	----	----	----	----	----	----	----	----	----	----	----	----	
26	----	----	----	----	----	----	----	----	----	----	----	----	
27	----	----	----	----	----	----	----	----	----	----	----	----	
28	----	----	----	----	----	----	----	----	----	----	. 28	----	
29	----	----	----	----	----	----	----	----	----	----	----	----	
30	----	----	----	----	----	----	----	----	----	----	----	----	
31	----	----	----	----	----	----	----	----	----	----	----	----	
SUM	----	----	----	----	----	----	----	----	----	----	1. 57	0. 51	
ACC	----	----	----	----	----	----	----	----	----	----	1. 57	2. 13	
MAX	----	----	----	----	----	----	----	----	----	----	1. 26	0. 20	
NO.	----	----	----	----	----	----	----	----	----	----	3	4	
												Maximum Dai l y Rai nfa l l	1. 26
												Maximum Monthl y Rai nfa l l	1. 57
												<b>Parti al</b> Annual Rai nfa l l	2. 13
												Number of Days wi th Rai n	7

**Notes:**

Partial annual rainfall in millimeters: 54

Total down-time: 5.3 days

Station installed 8/7/98.

Gage down from 8/31 22:39 (40) through 9/06 5:26 (44) due to programming error; assigned 4mm to 9/04.

**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at Freestone Basin (gage # 6605) for Water Year 1998**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			. 28				. 16				. 08	
2			. 12									
3												
4					. 87							. 08
5										. 04		
6			. 08			. 04						. 08
7	. 04		. 31			. 04						
8			. 24		. 55							. 04
9					. 43							
10				. 35								. 04
11												
12				. 04								
13		. 04										
14		. 04			. 08	. 12						
15					. 39	. 04					1. 14	
16						. 04						
17					. 43						. 43	
18					. 16					. 12		
19												
20					. 24							
21	. 08		. 16									
22	. 12		. 24									. 04
23												
24					. 35							
25												
26						. 35						
27												
28						. 31					. 16	
29					----	. 08						
30					----							
31		----			----		----		----	. 12		----
SUM	0. 24	0. 08	1. 42	0. 39	3. 50	1. 02	0. 16	0. 00	0. 00	0. 28	1. 81	0. 28
ACC	0. 24	0. 31	1. 73	2. 13	5. 63	6. 65	6. 81	6. 81	6. 81	7. 09	8. 90	9. 17
MAX	0. 12	0. 04	0. 31	0. 35	0. 87	0. 35	0. 16	0. 00	0. 00	0. 12	1. 14	0. 08
NO.	3	2	7	2	9	8	1	0	0	3	4	5
	Maximum Daily Rainfall											1. 14
	Maximum Monthly Rainfall											3. 50
	Total Annual Rainfall											9. 17
	Number of Days with Rain											44

**Notes:**

Annual rainfall in millimeters: 233

Total down-time: 0 days

**Flood Control District of Maricopa County ALERT System**  
Daily Rainfall at Queen Creek Rd. (gage # 6610) for Water Year 1998

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP		
1			. 28				. 16				. 28			
2			. 16											
3														
4					. 28							. 16		
5														
6			. 04									. 08		
7			. 08			. 04								
8			. 12		. 51									
9				. 04	. 47				----					
10				. 20					----	----				
11		. 16							----	----				
12										----				
13														
14		. 04												
15					. 47	. 12					. 20			
16														
17					. 12	. 04				. 04	. 24			
18					. 12									
19														
20					. 04									
21	. 16		. 08											
22	. 08		. 28											
23	. 04									. 04				
24					. 51									
25					. 04									
26						. 67								
27														
28						. 35								
29					----	. 51								
30					----	. 16								
31		----			----		----		----	. 16		----		
SUM	0. 28	0. 20	1. 02	0. 24	2. 56	1. 89	0. 16	0. 00	----	0. 24	0. 71	0. 24		
ACC	0. 28	0. 47	1. 50	1. 73	4. 41	6. 30	6. 46	6. 46	6. 46	6. 81	7. 52	7. 76		
MAX	0. 16	0. 16	0. 28	0. 20	0. 51	0. 67	0. 16	0. 00	----	0. 16	0. 28	0. 16		
NO.	3	2	7	2	9	7	1	0	----	3	3	2		
												Maximum Daily Rainfall	0. 67	
													Maximum Monthly Rainfall	2. 68
													Total Annual Rainfall	7. 76
													Number of Days with Rain	39

**Notes:**

Annual rainfall in millimeters: 197

Total down-time: 8.5 days

Gage down from 7/08 1:09 (164) through 7/12 13:09 (164) for unknown reason; no rain fell.

Gage down from 8/09 1:09 (180) through 8/13 1:10 (180) due to antenna problem; no rain fell.



**Flood Control District of Maricopa County ALERT System**  
Daily Rainfall at Crossroads Park (gage # 6620) for Water Year 1998

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1			.35				.20				.08		
2			.16									.04	
3													
4					.83							.04	
5										.04		.04	
6			.04			.16						.04	
7	.04		.24										
8			.47		.63								
9				.04	.47							.04	
10				.31									
11		.08											
12				.04									
13		.04											
14		.04			.04	.16							
15					.39	.04					.79		
16													
17					.24					.08	.16		
18					.16								
19													
20					.47								
21	.08		.08										
22	.20		.24										
23													
24					.59								
25													
26						.55							
27													
28						.43					.12		
29					----	.16							
30					----	.08							
31		----			----		----		----	.79		----	
SUM	0.31	0.16	1.57	0.39	3.82	1.57	0.20	0.00	0.00	0.91	1.14	0.20	
ACC	0.31	0.47	2.05	2.44	6.26	7.83	8.03	8.03	8.03	8.94	10.08	10.28	
MAX	0.20	0.08	0.47	0.31	0.83	0.55	0.20	0.00	0.00	0.79	0.79	0.04	
NO.	3	3	7	3	9	7	1	0	0	3	4	5	
							Maximum Dai ly Rai nfal l					0.83	
							Maximum Monthl y Rai nfal l					3.82	
							Total Annual Rai nfal l					10.28	
							Number of Days wi th Rai n					45	

**Notes:**

Annual rainfall in millimeters: 261

Total down-time: 0 days









**Flood Control District of Maricopa County ALERT System**  
Daily Rainfall at Thunder Mountain (gage # 6655) for Water Year 1998

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			. 20				. 04				. 04	
2			. 04									. 35
3					. 04							
4				. 04	. 83							. 12
5												
6												. 12
7			. 28									
8			. 43		. 55							
9					. 51							. 04
10				. 67								
11												
12							. 04					
13		. 04										
14					. 04	. 04						
15					. 39	. 04						
16												
17					. 59	. 20				. 04	. 31	
18					. 12							
19										. 12		
20					. 39					. 04		
21	. 08		. 12									
22	. 47		. 63							. 08		
23												
24					. 20					. 20	. 24	
25												
26						. 59						
27												
28						. 04					. 04	
29					----	. 59						
30					----	. 04						
31		----			----		----		----	. 12		----
SUM	0. 55	0. 04	1. 69	0. 71	3. 66	1. 54	0. 08	0. 00	0. 00	0. 59	0. 63	0. 63
ACC	0. 55	0. 59	2. 28	2. 99	6. 65	8. 19	8. 27	8. 27	8. 27	8. 86	9. 49	10. 12
MAX	0. 47	0. 04	0. 63	0. 67	0. 83	0. 59	0. 04	0. 00	0. 00	0. 20	0. 31	0. 35
NO.	2	1	6	2	10	7	2	0	0	6	4	4
							Maximum Dai l y Rai nfall					0. 83
							Maximum Monthl y Rai nfall					3. 66
							Total Annual Rai nfall					10. 12
							Number of Days wi th Rai n					44

**Notes:**

Annual rainfall in millimeters: 257

Total down-time: 0 days



**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at Apache Trail (gauge # 6675) for Water Year 1998**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			.16				.20				.12	
2			.08									.04
3												
4				.04	.67							.20
5												.47
6						.16						.04
7			.55							.08		
8			.35		.55							
9				.04	.55		----					.08
10			----	.39			----					
11		.04	----									
12		.04										
13												
14		.04			.04	.08						
15					.47	.04						
16										.04		
17					.20					.16		
18					.12							
19												
20					.39							
21	.24		.08								.20	
22	.24		.43							.39		
23												
24			.04		.63						.04	
25												
26						.79						
27												
28						.35					.83	
29					----	.35						
30					----	.35						
31		----			----		----		----	.16		----
SUM	0.47	0.12	1.69	0.47	3.62	2.13	0.20	0.00	0.00	0.83	1.18	0.83
ACC	0.47	0.59	2.28	2.76	6.38	8.50	8.70	8.70	8.70	9.53	10.71	11.61
MAX	0.24	0.04	0.55	0.39	0.67	0.79	0.20	0.00	0.00	0.39	0.83	0.47
NO.	2	3	7	3	9	7	1	0	0	5	4	5
							Maximum Daily Rainfall				0.83	
							Maximum Monthly Rainfall				3.62	
							Total Annual Rainfall				11.61	
							Number of Days with Rain				46	

**Notes:**

Annual rainfall in millimeters: 295

Total down-time: 5.0 days

Gage down from 12/09 21:17 (44) through 12/12 9:17 (44) due to transmitter failure; no rain fell.  
 Gage down from 4/08 21:18 (221) through 4/11 9:18 (221) for unknown reason; no rain fell.

**Flood Control District of Maricopa County ALERT System  
Daily Rainfall at Powerline FRS (gage # 6680) for Water Year 1998**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			. 12				. 16				. 04	----
2			. 04									
3												
4					. 51							. 12
5												. 28
6			. 04			. 08						. 04
7			. 16									
8			. 16		. 24							
9					. 51							. 04
10				. 20								
11		. 04										
12												
13		. 04									. 04	
14					. 04	. 12						
15					. 43						. 43	
16										. 04		
17					. 20	. 08				. 20		
18					. 08							
19												
20					. 39							
21	. 12		. 08								. 39	
22	. 12		. 31							. 28		
23			. 04									
24					. 47						. 08	
25												
26						. 67						
27												
28						. 31						
29					----	. 16					----	
30					----	. 28					----	
31		----			----		----		----		----	----
SUM	0. 24	0. 08	0. 94	0. 20	2. 87	1. 69	0. 16	0. 00	0. 00	0. 51	0. 98	0. 47
ACC	0. 24	0. 31	1. 26	1. 46	4. 33	6. 02	6. 18	6. 18	6. 18	6. 69	7. 68	8. 15
MAX	0. 12	0. 04	0. 31	0. 20	0. 51	0. 67	0. 16	0. 00	0. 00	0. 28	0. 43	0. 28
NO.	2	2	8	1	9	7	1	0	0	3	5	4
							Maximum Daily Rainfall					0. 67
							Maximum Monthly Rainfall					2. 87
							Total Annual Rainfall					8. 15
							Number of Days with Rain					42

**Notes:**

Annual rainfall in millimeters: 207

Total down-time: 3.5 days

Gage down from 8/28 23:16 (195) through 9/01 11:16 (195) for unknown reason; no rain fell.

**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at Vineyard FRS (gage # 6685) for Water Year 1998**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			. 31				. 16				. 04	
2												
3												
4				. 04	. 55							. 16
5												. 24
6			. 04			. 08						. 08
7			. 47									
8			. 35		. 39							
9					. 43							. 04
10				. 24								
11		. 08		. 04								
12												
13		. 04									. 08	
14		. 04				. 08						
15					. 55	. 04					. 55	
16										. 08		
17					. 20	. 04				. 24		
18					. 12							
19												
20					. 31							
21	. 20		. 08								. 43	
22	. 12		. 43							. 39		
23												
24					. 47						. 08	
25												
26						. 67						
27												
28						. 35						
29					----	. 08						
30					----	. 39						
31		----			----		----		----			----
SUM	0. 31	0. 16	1. 69	0. 31	3. 03	1. 73	0. 16	0. 00	0. 00	0. 71	1. 18	0. 51
ACC	0. 31	0. 47	2. 17	2. 48	5. 55	7. 28	7. 44	7. 44	7. 44	8. 15	9. 33	9. 84
MAX	0. 20	0. 08	0. 47	0. 24	0. 55	0. 67	0. 16	0. 00	0. 00	0. 39	0. 55	0. 24
NO.	2	3	6	3	8	8	1	0	0	3	5	4
							Maximum Daily Rainfall					0. 67
							Maximum Monthly Rainfall					3. 07
							Total Annual Rainfall					9. 84
							Number of Days with Rain					43

**Notes:**

Annual rainfall in millimeters: 250

Total down-time: 0 days



### Flood Control District of Maricopa County ALERT System Daily Rainfall at Queen Ck.@ Rittenhouse (gage # 6710) for Water Year 1998

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			.28				.20				.28	
2			.08				.04					
3												
4				.04	.47							.20
5												.12
6												.08
7	.04		.16									
8			.08		.55							
9					.63							.08
10			----	.12								
11		.12	----									
12				.04								
13		.04										
14		.04				.08						
15					.43							
16												
17					.12					.04	.24	
18					.16							
19						.04						
20					.24							
21	.28		.08									
22	.12		.31									
23	.04											
24					.43							
25												
26						.67						
27												
28						.35						
29					----	.43						
30				.08	----	.16						
31		----			----		----		----			----
SUM	0.47	0.20	0.98	0.28	3.03	1.73	0.24	0.00	0.00	0.04	0.51	0.47
ACC	0.47	0.67	1.65	1.93	4.96	6.69	6.93	6.93	6.93	6.97	7.48	7.95
MAX	0.28	0.12	0.31	0.12	0.63	0.67	0.20	0.00	0.00	0.04	0.28	0.20
NO.	4	3	6	4	8	6	2	0	0	1	2	4
											Maximum Daily Rainfall	0.67
											Maximum Monthly Rainfall	3.03
											Total Annual Rainfall	7.95
											Number of Days with Rain	40

**Notes:**

Annual rainfall in millimeters: 202

Total down-time: 2.5 days

Gage down from 12/09 22:52 (32) through 12/12 11:08 (32) due to transmitter failure; no rain fell.

**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at Magma FRS (gage # 6715) for Water Year 1998**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			. 47				. 08					
2			. 04									
3												
4					. 43							. 55
5										. 16		. 04
6												. 04
7			. 28									. 04
8			. 12		. 43							
9					. 87							. 12
10				. 12								
11		. 55										
12		. 04										
13											. 12	
14		. 04				. 20					. 08	
15					. 51							
16										. 31		
17					. 35	. 08				. 16		
18					. 24							
19												
20					. 43						. 16	
21	. 24		. 04								. 08	
22	. 04		. 43									
23												
24					. 47							
25					. 04							
26						. 91						
27												
28						. 28				. 04	. 98	
29					----	. 12						
30					----	. 08						
31		----			----		----		----			----
SUM	0. 28	0. 63	1. 38	0. 12	3. 78	1. 65	0. 08	0. 00	0. 00	0. 67	1. 42	0. 79
ACC	0. 28	0. 91	2. 28	2. 44	6. 22	7. 87	7. 95	7. 95	7. 95	8. 62	10. 04	10. 83
MAX	0. 24	0. 55	0. 47	0. 12	0. 87	0. 91	0. 08	0. 00	0. 00	0. 31	0. 98	0. 55
NO.	2	3	6	1	9	6	1	0	0	4	5	5
Maximum Dai l y Rai nfall												0. 98
Maximum Monthl y Rai nfall												3. 78
Total Annual Rai nfall												10. 83
Number of Days wi th Rai n												42

**Notes:**

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Annual rainfall in millimeters: 275 Total down-time: 0 days







































**Flood Control District of Maricopa County ALERT System**  
Daily Rainfall at Sand Tanks Wash (gage # 6940) for Water Year 1998

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			.20				.12					.04
2												
3					.12			----				
4					.31			----		.20		.12
5								----		.63		
6			.04			.04				.04	.67	
7			.12							.04		
8					1.14					.04		
9					.39							.08
10												
11											1.18	
12											.12	
13								.04				
14						.31						
15					.28							
16												
17					.47							
18										.24	.04	
19			.28									
20					.24					.08		
21			.35							.04		
22	.31		.08							.04		
23										.20		
24					.39						.04	
25							.08				.24	
26						.63						
27												
28						.31						
29					----	.20						
30					----	.12					.51	
31		----			----		----		----			----
SUM	0.31	0.00	1.06	0.00	3.35	1.61	0.20	0.04	0.00	2.05	2.28	0.24
ACC	0.31	0.31	1.38	1.38	4.72	6.34	6.54	6.57	6.57	8.62	10.91	11.14
MAX	0.31	0.00	0.35	0.00	1.14	0.63	0.12	0.04	0.00	0.63	1.18	0.12
NO.	1	0	6	0	8	6	2	1	0	11	6	3
	Maximum Daily Rainfall											1.18
	Maximum Monthly Rainfall											3.35
	Total Annual Rainfall											11.14
	Number of Days with Rain											44

**Notes:**

Annual rainfall in millimeters: 283

Total down-time: 4.6 days

Gage down from 5/02 7:58 (166) through 5/06 21:26 (166) due to battery failure; no rain fell.



**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at Vekol Wash (gauge # 6980) for Water Year 1998**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			. 31				. 20				----	. 16
2			. 04								----	
3					. 12							
4					. 35					. 04		1. 18
5										. 12		
6			. 04			. 04						. 75
7			. 24							. 63		. 04
8					. 79						. 04	
9					. 31				----			. 35
10				. 04					----		. 75	
11											. 16	. 67
12		. 04									. 04	
13								. 31				
14		. 04			. 04	. 20					. 12	
15					. 28	. 04					. 16	
16												
17					. 31						. 08	
18												
19			. 12									
20					. 08							
21	. 04		. 16							. 43		
22	. 04		. 08							. 83		. 16
23												
24					. 31							
25							. 08				. 24	
26						. 59						
27												
28						. 51				. 31		
29					----	. 28						
30					----	. 04				----		
31		----			----		----		----	----		----
SUM	0. 08	0. 08	0. 98	0. 04	2. 60	1. 69	0. 28	0. 31	0. 00	2. 36	1. 57	3. 31
ACC	0. 08	0. 16	1. 14	1. 18	3. 78	5. 47	5. 75	6. 06	6. 06	8. 43	10. 00	13. 31
MAX	0. 04	0. 04	0. 31	0. 04	0. 79	0. 59	0. 20	0. 31	0. 00	0. 83	0. 75	1. 18
NO.	2	2	7	1	9	7	2	1	0	6	8	7
							Maximum Dai ly Rai nfall					1. 18
							Maximum Monthl y Rai nfall					3. 31
							Total Annual Rai nfall					13. 31
							Number of Days wi th Rai n					52

**Notes:**

Annual rainfall in millimeters: 338

Total down-time: 8.1 days

Gage down from 6/08 21:03 (154) through 6/11 10:49 (154) due to programming error; no rain fell.  
Gage down from 7/29 9:36 (214) through 8/03 21:26 (214) due to transmitter failure; no rain fell.

**Flood Control District of Maricopa County ALERT System**  
Daily Rainfall at Stanton (gage # 7000) for Water Year 1998

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			.16				.55					.35
2							.39					.04
3				.16	.31							
4				.75	.67							.43
5										.04		
6			.55		.04							.12
7			.59								.28	
8			.08		.67						.55	
9				.08	.43					.08		.04
10				.43								.20
11												.04
12							.12					
13		.04						.04			.47	
14		.08			.35			----				
15					.39	.04	.04	----				
16								----				.04
17					.94	.28				.04	.08	
18										.39		
19										.16		
20					.39			.08				
21			.43							.04		
22			.39							1.02		
23			.04									
24					.63					.04	.12	
25											.04	
26						1.02						
27												
28						.28						
29				.04	----							
30					----							
31		----			----		----		----			----
SUM	0.00	0.12	2.24	1.46	4.84	1.61	1.10	0.12	0.00	1.81	1.54	1.26
ACC	0.00	0.12	2.36	3.82	8.66	10.28	11.38	11.61	11.61	13.43	14.96	16.22
MAX	0.00	0.08	0.59	0.75	0.94	1.02	0.55	0.08	0.00	1.02	0.55	0.43
NO.	0	2	7	5	10	4	4	2	0	8	6	8
	Maximum Daily Rainfall											1.02
	Maximum Monthly Rainfall											4.84
	Total Annual Rainfall											16.22
	Number of Days with Rain											56

**Notes:**

Annual rainfall in millimeters: 412

Total down-time: 3.9 days

Gage down from 5/13 13:48 (293) through 5/17 10:34 (293) due to battery failure; no rain fell.



**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at Martinez Creek (gage # 7010) for Water Year 1998**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP		
1							. 24					. 08		
2														
3				. 16	. 20									
4				. 20	. 59							. 39		
5				. 04										
6			. 43		. 04									
7			. 55								. 12			
8			. 04		. 63						. 59			
9				. 04	. 47							. 04		
10				. 39								. 04		
11				. 04										
12							. 04				. 20			
13		. 08						. 08						
14		. 08			. 31	. 04								
15					. 20	. 04								
16												. 04		
17					. 75	. 12					. 08			
18														
19										. 20				
20					. 28					----				
21			. 47							. 16				
22			. 51							. 12				
23														
24					. 28					. 31	. 55			
25														
26						. 91								
27														
28						. 31								
29					----	. 04								
30					----									
31		----			----		----		----		. 04	----		
SUM	0. 00	0. 16	2. 01	0. 87	3. 74	1. 46	0. 28	0. 08	0. 00	0. 79	1. 57	0. 59		
ACC	0. 00	0. 16	2. 17	3. 03	6. 77	8. 23	8. 50	8. 58	8. 58	9. 37	10. 94	11. 54		
MAX	0. 00	0. 08	0. 55	0. 39	0. 75	0. 91	0. 24	0. 08	0. 00	0. 31	0. 59	0. 39		
NO.	0	2	5	6	10	6	2	1	0	4	6	5		
												Maximum Dai l y Rai nfall	0. 91	
													Maximum Monthl y Rai nfall	3. 74
													Total Annual Rai nfall	11. 54
													Number of Days wi th Rai n	47

**Notes:**

Annual rainfall in millimeters: 293

Total down-time: 1.9 days

Gage down from 7/19 13:54 (218) through 7/21 10:17 (223) due to battery failure; assigned 5mm to 7/19.

**Flood Control District of Maricopa County ALERT System**  
 Daily Rainfall at Congress (gage # 7020) for Water Year 1998

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1			.04				.59					.24	
2							.04					.04	
3					.28								
4				.98	.87							.47	
5													
6			.71									.20	
7			.31								.79		
8			.04		.67						.39		
9				.04	.35							.83	
10				.43								.04	
11		.04									.04		
12							.12						
13		.08									.20		
14		.08			.28								
15					.31		.04						
16													
17					.67	.47					.04		
18													
19										.31			
20					.28			.04					
21			.47										
22			.55							.20			
23			.04							.04			
24					.47					.04	.43		
25											.16		
26						.63					.04		
27													
28						.24							
29				.08	----	.04							
30				.04	----								
31		----			----		----		----		.16	----	
SUM	0.00	0.20	2.17	1.57	4.17	1.38	0.79	0.04	0.00	0.59	2.24	1.81	
ACC	0.00	0.20	2.36	3.94	8.11	9.49	10.28	10.31	10.31	10.91	13.15	14.96	
MAX	0.00	0.08	0.71	0.98	0.87	0.63	0.59	0.04	0.00	0.31	0.79	0.83	
NO.	0	3	7	5	9	4	4	1	0	4	9	6	
												Maximum Daily Rainfall	0.98
												Maximum Monthly Rainfall	4.17
												Total Annual Rainfall	14.96
												Number of Days with Rain	52

**Notes:**

Annual rainfall in millimeters: 380

Total down-time: 0 days

**Flood Control District of Maricopa County ALERT System**  
 Daily Rainfall at Flores West (gage # 7025) for Water Year 1998

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			.04				.31					.16
2												
3					.16							
4				.63	.63							.43
5												.04
6			.63									.08
7			.47		.04						.83	
8			.04		.51						.39	
9				.04	.39						----	.08
10				.28							----	.04
11											.20	.04
12												
13		.08									.12	
14		.08			.31							
15					.24	.04						
16												
17					.59	.75				.08	.12	
18												
19										.71		
20					.24			.12		.04		
21			.31							.79		
22			.79							.43		
23										.04		
24			.04		.35					.04	.51	
25												
26						.59						
27												
28						.28						
29					----							
30					----							
31		----			----		----		----		.08	----
SUM	0.00	0.16	2.32	0.94	3.46	1.65	0.31	0.12	0.00	2.13	2.24	0.87
ACC	0.00	0.16	2.48	3.43	6.89	8.54	8.86	8.98	8.98	11.10	13.35	14.21
MAX	0.00	0.08	0.79	0.63	0.63	0.75	0.31	0.12	0.00	0.79	0.83	0.43
NO.	0	2	7	3	10	4	1	1	0	7	7	7
							Maximum Daily Rainfall					0.83
							Maximum Monthly Rainfall					3.46
							Total Annual Rainfall					14.21
							Number of Days with Rain					49

**Notes:**

Annual rainfall in millimeters: 361

Total down-time: 3.9 days

Gage down from 8/07 21:39 (284) through 8/11 19:05 (313) for unknown reason; assigned 19mm to 8/07 and 10mm to 8/08.





**Flood Control District of Maricopa County ALERT System**  
Daily Rainfall at Black Hill (gage # 7035) for Water Year 1998

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			.04				.24					.35
2												
3				.20	.20							
4				.39	.67							.47
5												.04
6			.51									
7			.59		.04						.16	
8			.04		.71					.08	.47	
9				.04	.47							.08
10				.51								
11												.04
12											.24	
13		.08						.04			.08	
14		.12			.28							
15					.20	.04						
16												.39
17					.79	.16					.08	
18												
19										1.38		
20					.35							
21			.43							1.77		
22			.51							.12		
23			.04							.08		
24					.28					.24	.67	
25												
26						.55						
27												
28						.28						
29					----							
30					----							
31		----			----		----		----		.04	----
SUM	0.00	0.20	2.17	1.14	3.98	1.02	0.24	0.04	0.00	3.66	1.73	1.38
ACC	0.00	0.20	2.36	3.50	7.48	8.50	8.74	8.78	8.78	12.44	14.21	15.59
MAX	0.00	0.12	0.59	0.51	0.79	0.55	0.24	0.04	0.00	1.77	0.67	0.47
NO.	0	2	7	4	10	4	1	1	0	6	7	6
							Maximum Daily Rainfall					1.77
							Maximum Monthly Rainfall					3.98
							Total Annual Rainfall					15.59
							Number of Days with Rain					48

**Notes:**

Annual rainfall in millimeters: 396

Total down-time: 0 days









**Flood Control District of Maricopa County ALERT System**  
**Daily Rainfall at Flying E Wash (gage # 7080) for Water Year 1998**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1							.24					.08
2												
3				.28	.24							
4				.04	.63							.59
5												
6			.31		.04							
7			.55		.04						1.02	
8					.75						.35	
9				.08	.43							.04
10				.51								.04
11												
12							.16				1.18	
13		.16						.12			.28	
14		.08			.24	.04						
15					.24							
16											.04	
17					.87	.12					.16	
18												
19										.35		
20					.24					.04		
21			.59							.24		
22			.39									
23												
24					.35						.24	
25												
26						.39						
27												
28					----	.35				.04		
29					----							
30					----							
31		----			----		----		----		.20	----
SUM	0.00	0.24	1.85	0.91	4.06	0.91	0.39	0.12	0.00	0.67	3.46	0.75
ACC	0.00	0.24	2.09	2.99	7.05	7.95	8.35	8.46	8.46	9.13	12.60	13.35
MAX	0.00	0.16	0.59	0.51	0.87	0.39	0.24	0.12	0.00	0.35	1.18	0.59
NO.	0	2	4	4	11	4	2	1	0	4	8	4
											Maximum Daily Rainfall	1.18
											Maximum Monthly Rainfall	4.06
											Total Annual Rainfall	13.35
											Number of Days with Rain	44

**Notes:**

Annual rainfall in millimeters: 339

Total down-time: 0 days

**Flood Control District of Maricopa County ALERT System**  
Daily Rainfall at Casandro Wash (gage # 7090) for Water Year 1998

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP		
1							. 24					. 04		
2														
3				. 20	. 24									
4				. 08	. 71							. 47		
5														
6			. 24									. 16		
7			. 63		. 04						. 71			
8					. 83						. 35			
9				. 08	. 51							. 04		
10				. 47								. 08		
11				. 04										
12							. 20				1. 06			
13		. 16						. 08			. 31			
14		. 08			. 12						. 04			
15					. 35	. 04								
16										----				
17					. 98	. 16				----	. 24			
18														
19										. 63				
20					. 28									
21			. 55							. 24				
22			. 51											
23			. 04											
24					. 35						. 20			
25							. 04							
26						. 43								
27														
28						. 31								
29					----									
30					----									
31		----			----		----		----		. 24	----		
SUM	0. 00	0. 24	1. 97	0. 87	4. 41	0. 94	0. 47	0. 08	0. 00	0. 87	3. 15	0. 79		
ACC	0. 00	0. 24	2. 20	3. 07	7. 48	8. 43	8. 90	8. 98	8. 98	9. 84	12. 99	13. 78		
MAX	0. 00	0. 16	0. 63	0. 47	0. 98	0. 43	0. 24	0. 08	0. 00	0. 63	1. 06	0. 47		
NO.	0	2	5	5	10	4	3	1	0	2	8	5		
												Maximum Daily Rainfall	1. 06	
													Maximum Monthly Rainfall	4. 41
													Total Annual Rainfall	13. 78
													Number of Days with Rain	45

**Notes:**

Annual rainfall in millimeters: 350

Total down-time: 3.0 days

Gage down from 7/15 1:02 (228) through 7/18 1:02 (228) for unknown reason; no rain fell.



**Flood Control District of Maricopa County ALERT System**  
Daily Rainfall at Constellation Road (gage # 7100) for Water Year 1998

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP		
1			.04				.24					.04		
2												.04		
3				.04	.24									
4				.04	.55							.39		
5												.04		
6			.24		.04						.20	.04		
7			.67		.04						.24			
8					.47					.43	.24			
9				.08	.31							.04		
10				.47								.04		
11		.12									.91	.08		
12							.16				.35			
13		.12						.35			.16			
14		.08			.20									
15					.20	.04								
16														
17					.87	.16					.39			
18														
19										.47				
20					.24									
21			.31							.12				
22			.43							.12				
23			.04							.04				
24					.28						.47			
25														
26						.39								
27														
28						.20								
29					----									
30					----									
31		----			----		----		----		.28	----		
SUM	0.00	0.31	1.73	0.63	3.43	0.79	0.39	0.35	0.00	1.18	3.23	0.71		
ACC	0.00	0.31	2.05	2.68	6.10	6.89	7.28	7.64	7.64	8.82	12.05	12.76		
MAX	0.00	0.12	0.67	0.47	0.87	0.39	0.24	0.35	0.00	0.47	0.91	0.39		
NO.	0	3	6	4	11	4	2	1	0	5	9	8		
													Maximum Daily Rainfall	0.91
													Maximum Monthly Rainfall	3.43
													Total Annual Rainfall	12.76
													Number of Days with Rain	53

**Notes:**

Annual rainfall in millimeters: 324

Total down-time: 0 days



**Flood Control District of Maricopa County ALERT System**  
Daily Rainfall at Wickenburg Airport (gage # 7120) for Water Year 1998

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1							.24					.08
2												
3				.12	.16							
4				.12	.55							.51
5												.04
6			.35		.04							
7			.47		.04						.94	
8					.51						.39	
9				.08	.55							.08
10				.47								
11				.04								.04
12							.16				1.85	
13		.16						.16			.08	
14		.08			.20						.04	
15					.20	.08						
16												
17					.79	.12					.24	
18					.04							
19										.59		
20					.20							
21			.59							.59		
22			.35									
23										.08		
24			.04		.35						.43	
25												
26						.51						
27												
28						.28				.04		
29					----							
30					----							
31		----			----		----		----		.20	----
SUM	0.00	0.24	1.81	0.83	3.62	0.98	0.39	0.16	0.00	1.30	4.17	0.75
ACC	0.00	0.24	2.05	2.87	6.50	7.48	7.87	8.03	8.03	9.33	13.50	14.25
MAX	0.00	0.16	0.59	0.47	0.79	0.51	0.24	0.16	0.00	0.59	1.85	0.51
NO.	0	2	5	5	12	4	2	1	0	4	8	5
							Maximum Daily Rainfall					1.85
							Maximum Monthly Rainfall					4.17
							Total Annual Rainfall					14.25
							Number of Days with Rain					48

**Notes:**

Annual rainfall in millimeters: 362

Total down-time: 0 days

**Flood Control District of Maricopa County ALERT System**  
Daily Rainfall at Casandro Dam (gage # 7130) for Water Year 1998

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			.04				.20					
2												
3				.16	.24							
4				.12	.75							.47
5												
6			.24									.04
7			.59		.04						.39	
8			.04		.59						.28	
9				.08	.43							
10				.47								
11												.04
12							.20				.59	
13		.16									.31	
14		.08			.20			.16				
15					.24	.04						
16												
17					.91	.08					.28	
18					.04							
19										.39		
20					.24							
21			.39							.16		
22			.51									
23												
24					.28						.24	
25												
26						.47						
27												
28						.24						
29					----							
30					----							
31		----			----		----		----		.24	----
SUM	0.00	0.24	1.81	0.83	3.94	0.83	0.39	0.16	0.00	0.55	2.32	0.55
ACC	0.00	0.24	2.05	2.87	6.81	7.64	8.03	8.19	8.19	8.74	11.06	11.61
MAX	0.00	0.16	0.59	0.47	0.91	0.47	0.20	0.16	0.00	0.39	0.59	0.47
NO.	0	2	6	4	11	4	2	1	0	2	7	3
	Maximum Daily Rainfall											0.91
	Maximum Monthly Rainfall											3.94
	Total Annual Rainfall											11.61
	Number of Days with Rain											42

**Notes:**

Annual rainfall in millimeters: 295

Total down-time: 0 days