



**ANNUAL HYDROLOGIC
DATA REPORT
VOLUME I: PRECIPITATION
WATER YEAR 2008**

PREFACE

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

The data contained in this report were collected, compiled and edited by the Flood Warning Branch of the Engineering Division. Precipitation data include daily, monthly, and annual totals for 305 stations owned and maintained by FCDMC. The ALERT base station computers also collect data from various stations not owned by FCDMC - data from these stations are not included in this report.

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 3 volume suite entitled "ALERT Annual Hydrologic Data Report - Water Year 2008". Volumes 2 & 3 in order are [2] Surface Water Report; and [3] Weather Data Summary. Additional copies of this report, and copies of the companion volumes, may be purchased from:

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2801 W. Durango St.
Phoenix, AZ 85009
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or can be downloaded from our Web page at:

www.fcd.maricopa.gov/Rainfall/publications.aspx

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Precipitation Data

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(In Order of Station ID Number)	



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 "2008 Water Year" which began Oct. 1st, 2007 and ended Sep. 30th, 2008. Each data page represents one gage, and lists daily precipitation totals, monthly totals, cumulative rainfall by month, maximum daily values for each month, and the number of days with rain. The data pages are arranged in ascending order by gage 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 have been reviewed and/or edited in an attempt to provide the most accurate data possible. Inaccurate data or recording time gaps are 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 5550 down from 2/12 03:40 (92) through 2/14 13:30 (94) due to a lightning strike; assigned 2 mm to 2/13", where the values in parentheses are the beginning and ending rainfall counts in millimeters.
5. Snow gages were in service during Water-Year 2008, consisting of a 4-foot tube mounted vertically above and attached to the tipping-bucket funnel. Consequently, gages above approximately 5,000 feet will show meltwater following the colder winter precipitation events.
6. Table II lists the sensors installed in the FCDMC ALERT System during Water Year 2008 and their installation dates. Table IV lists the annual rainfall total for each gage, sorted by ID number, along with Water-Year totals for 2007, 2006, and 2005. Table IV 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 rainfall values from nearby gages and/or weather-radar estimates.
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 Branch at (602) 506-1501. Data can also be downloaded from our web site at www.fcd.maricopa.gov/Rainfall/rainfall.aspx.
8. Note on data compilation: All the automatic rain gages in this network (except #6525) measure rainfall depth in 1mm increments. The base station computer that collects the data uses the relation $1\text{mm} = 1/25.4$ 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 in english units (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 IV 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 probable 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 - these are noted where known to cause inaccuracies.

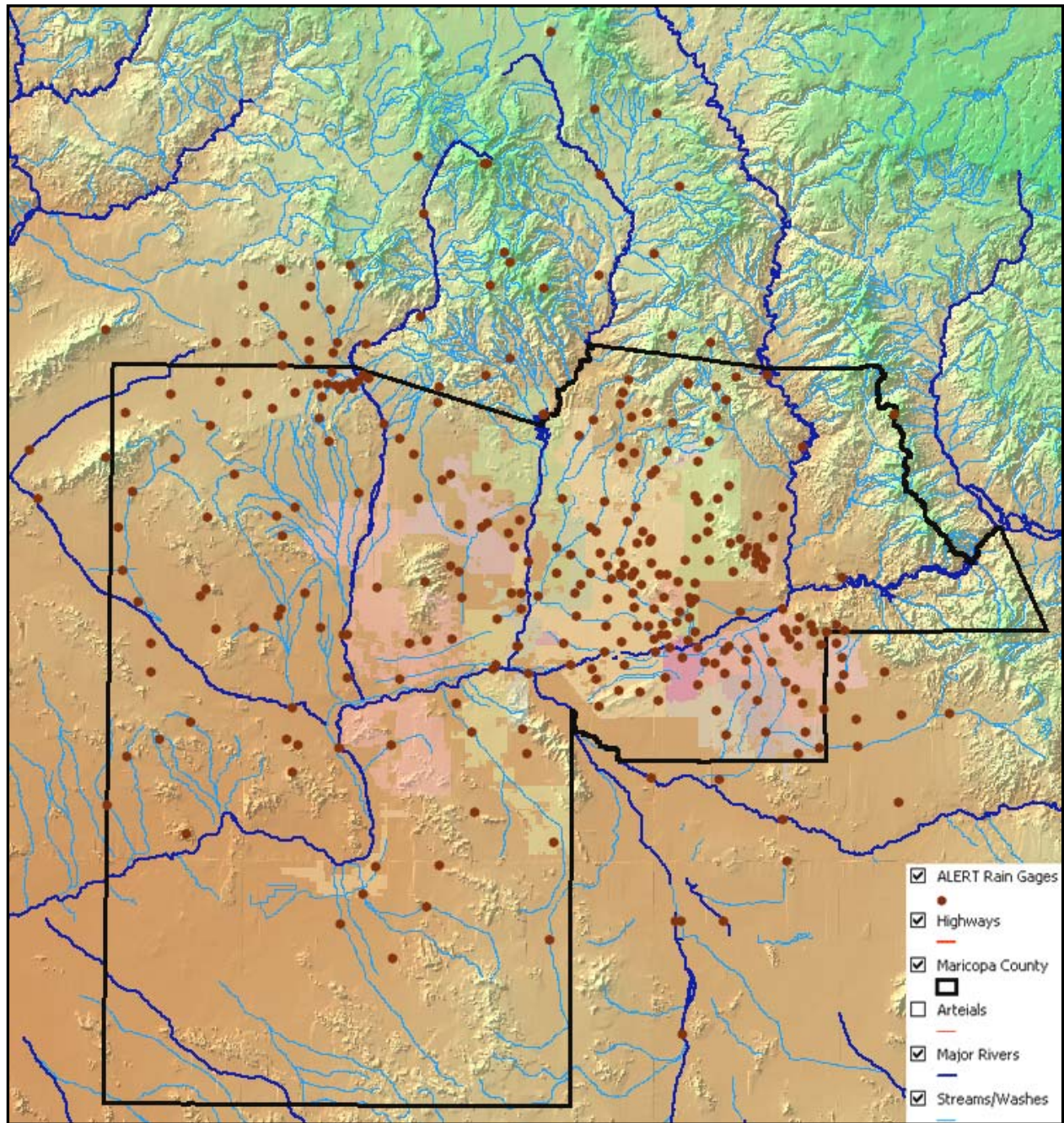


Figure 1

General Map of ALERT Rain Gage Locations
as of 09/30/2008

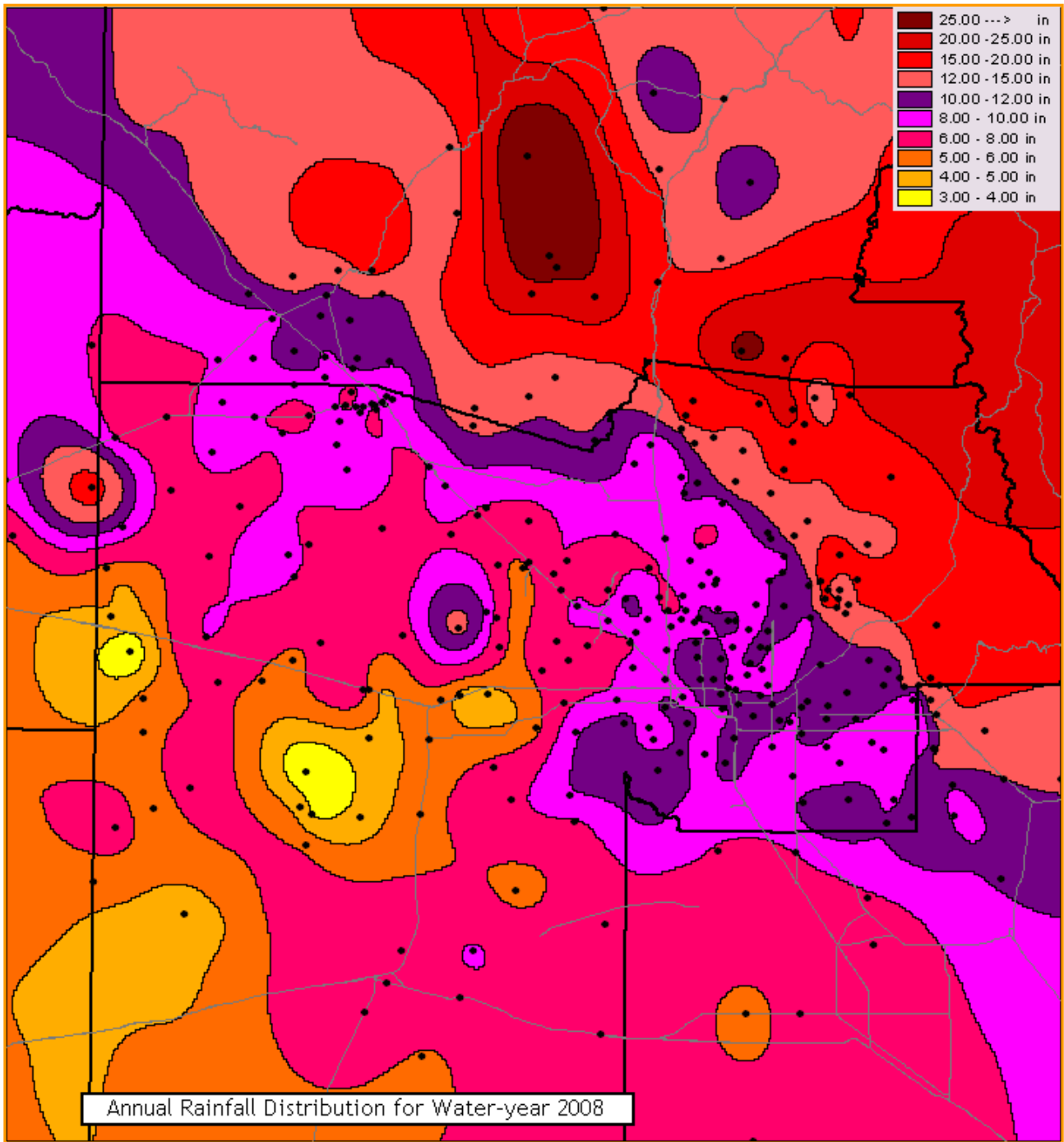


Figure 2

Water-Year 2008
 Rainfall Depth Map Created From ALERT Station Totals

Flood Control District of Maricopa County
ALERT System Sensor Database - Precipitation Sensors as of 09/30/2008
*Sensors in **RED** were installed during water-year 2008*

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-03	33 22 22	112 08 08	1070	South end of park, 35th Ave. and Baseline Rd.
Gateway C. College	4505	12/16/03	1N-3E-12	33 27 01	111 59 53	1130	40 th St. at Van Buren
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
Granite Reef	4565	7/21/05	2N-7E-18	33 30 43	111 41 02	1330	Bush Highway at Granite Reef Dam
Price Drain @ 202	4570	02/13/01	1N-5E-18	33 26 04	111 53 25	1215	Loop 202 at Loop 101
Laveen Basin	4575	11/7/06	1N-2E-34	33 23 25	112 09 03	1015	Southern Ave. at 43 rd Ave.
Salt River Landfill	4580	01/30/98	2N-5E-24	33 30 16	111 47 13	1200	1/4 mi. N of Gilbert
Reata Pass Wash	4585	05/15/01	4N-5E-17	33 41 52	111 51 51	2170	1.6 mi. east of Pima Rd. on Pinnacle Peak Road
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 th St.	4605	10/22/97	2N-4E-27	33 29 05	111 56 33	1290	200 yards east of Osborn Rd. @ 64 th 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 th St.	4625	11/13/97	2N-4E-22	33 30 28	111 56 10	1290	1/4 mi. north of Highland @ 68 th 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.

Sensor Name	Sensor ID	Installed	T-R-S	Latitude	Longitude	Elevation	Location
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 th Ave.	4665	05/08/97	3N-6E-05	33 37 43	112 04 50	1325	Near 7 th Ave., 1/2 mi. South of Greenway Rd.
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 nd 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	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-08	33 27 08	112 04 48	1080	County Building, 4th Ave. and Jefferson St.
Grand @ 27 th Ave.	4715	10/11/96	2N-3E-35	33 29 00	112 08 28	1100	Near 28 th Ave. and Grand Ave.
Thomas @ 16th St.	4720	01/17/91	1N-3E-24	33 28 37	112 02 27	1120	16 th St. at Thomas Rd.
Granite Reef Wash	4725	06/26/06	2N-4E-36	33 27 58	111 53 55	1195	McDowell Rd, 200 yards E of Granite Reef 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-05	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 th Ave.	4755	04/23/98	1N-1E-25	33 24 00	112 12 10	1000	67 th 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-06	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 th Ave. and Olive Ave.
Paradise Valley CC	4790	07/13/89	2N-4E-09	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-04	33 32 31	112 02 35	1230	1/2 mi. North of Glendale Ave. and 14th St.
10 th 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.
Phoenix Basin #3	4825	12/18/01	3N-3E-22	33 35 12	112 02 49	1365	Cave Creek Road at 16th St.
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 rd Ave.
Greenway @ 32nd Ave.	4840	01/31/91	3N-2E-02	33 37 31	112 07 45	1300	1/4 mi. East of Greenway Rd. and 32nd Ave.
T-bird @ 7 th Street	4850	10/17/96	3N-3E-16	33 36 16	112 04 09	1092	1/4 mi. SW of Thunderbird Rd. and 7 th Street
Phoenix West Park	4855	11/29/01	3N-3E-29	33 35 02	112 04 55	1320	Peoria at 7th Ave.
Rawhide Wash	4860	07/22/99	5N-4E-36	33 44 27	111 53 55	2205	1/3 mile west of Pima Rd. on Dynamite Blvd.
Desert Mtn. School	4875	07/19/06	5N-3E-05	33 48 34	112 04 38	1810	1/4 mile SE of Cloud Road and 7 th Ave.

Sensor Name	Sensor ID	Installed	T-R-S	Latitude	Longitude	Elevation	Location
Skunk Tank Wash	4885	03/02/06	6N-3E-29	33 50 25	112 04 58	1865	0.2 miles S of 7 th Ave. and Desert Hills Rd.
Cave Creek	4890	05/29/03	6N-4E-29	33 49 48	111 58 04	1995	1 mile west of Cave Creek Town Hall
Desert Hills Wash	4895	03/02/06	6N-3E-28	33 49 42	112 02 54	1860	Joy Ranch Road at 16 th St.
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
Stagecoach Wash	4910	06/13/01	5N-5E-06	33 48 42	111 53 27	2550	On Pima Road about 1/2 mile south of Cave Creek Rd.
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-06	33 58 48	111 47 56	5198	13 mi. NE of the Town of Cave Creek
Cave Creek Fire	4945	07/18/05	7N-4E-11	33-58-11	111-54-58	3080	9 miles N of Cave Creek
Seven Springs	4950	11/12/81	8N-5E-08	34 03 06	111 51 17	4595	15 mi. NNE of the Town of Cave Creek
Seven Springs Wash	4960	03/12/02	7N-5E-09	33 57 39	111 50 45	3530	11 miles NE 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
Columbus Wash	5010	9/21/99	4S-10W-6	33 06 27	113 19 57	690	8 miles north of Agua Caliente
Copper Wash	5030	02/20/01	2S-10W-3	33 12 17	113 17 07	1070	15 miles north of Agua Caliente
4th of July Wash	5040	03/14/02	2S-9W-01	33 16 39	113 07 48	1110	21 mi. W of Old US 80 on Agua Caliente Rd.
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.
Sugarloaf Mountain	5055	5/27/04	4N-8W-17	33 41 28	113 05 37	2760	16 miles NW of Tonopah
G&F Woolsey Peak	5060	06/25/03	3S-6W-09	33 10 39	112 52 55	1660	8 miles southwest of Gillespie Dam
Eagle Eye Rd. @ CAP	5065	06/17/03	3N-10W-21	33 35 07	113 18 01	1400	1.5 miles S of Salome Hwy. on Eagle Eye Rd.
I-10 @ 355 th Ave.	5070	09/07/01	2N-6W-31	33 28 15	112 48 58	1090	3 miles NW of the Hassayampa River crossing of I-10
Cruff Wash	5075	05/14/02	2S-6W-20	33 14 46	112 53 41	990	6 miles W of Agua Caliente Road and Old US 80
Buckeye @ 547 th Ave.	5080	06/13/00	1N-10W-07	33 26 06	113 13 49	1205	Buckeye Road @ 547 th Ave.
Baseline @ 547 th Ave.	5085	05/24/00	1S-9W-06	33 22 37	113 13 44	1225	SW Corner of Baseline and 547 th Ave.
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
Webb Mountain	5095	05/22/02	2S-6W-28	33 13 55	112 52 08	1030	4 miles W of Aguila Caliente Rd. and Old US 80
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
Delaney Wash	5105	12/22/99	2N-7W-33	33 28 11	112 58 30	1130	3 miles SSW of Tonopah
Saddleback FRS	5110	12/16/88	2N-7W-33	33 28 11	112 58 30	1130	7 mi. WSW of Tonopah in Harquahala Valley
Winters Wash	5115	07/11/00	2N-6W-30	33 30 33	112 54 44	1120	1 mi. N of Indian School Rd. and 403 rd Ave.
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-02	33 48 40	113 10 25	2198	11 mi. S. of Aguila off Eagle Eye Road
Four Mile Wash	5135	07/05/01	2N-6W-03	33 32 24	112 51 13	1210	Near the alignments of 371 st Ave. and Glendale Ave.
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
Upper Grass Wash	5145	11/01/02	6N-8W-09	33 52 39	113 05 26	2290	7 miles SE of Aguila
Narrows Dam	5150	09/01/94	4N-12W-04	33 43 29	113 30 45	1960	5 mi. SE of Salome off Salome Highway
Grass Wash @ US 60	5155	09/19/01	7N-9W-22	33 56 24	113 11 21	2155	1 mile west of Aguila on US 60
Tiger Wash	5160	09/15/99	5N-10W-2	33 44 30	113 16 43	1960	10 mi. N of the Eagle Eye Rd. / Salome Highway intersection
Outlaw Hill	5165	05/13/02	7N-7W-25	33 54 52	112 56 21	2670	South of US 60, 14 miles east of Aguila

Sensor Name	Sensor ID	Installed	T-R-S	Latitude	Longitude	Elevation	Location
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 near Aguila	5175	06/05/01	7N-8W-11	33 58 02	113 04 09	2340	5 mi. NNE of the US 60 / SR 71 junction
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-01	34 04 00	113 21 03	5131	Harcuvar Mtns., 13 mi. NW of Aguila
Dead Horse Wash	5195	11/01/00	5N-7W-18	33 46 51	113 01 44	2350	Near Aguila Road, 14 miles SE of Aguila
Buckeye FRS #1	5200	07/26/83	1N-5W-03	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
Belmont Mountains	5240	12/16/02	4N-6W-30	33 39 26	112 54 42	1860	4.8 miles SW of the Aguila/Wickenburg Roads intersection
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
Twin Peaks	5250	03/27/03	6N-5W-06	33 53 37	112 49 25	2675	6 miles southwest of Wickenburg
Vulture Mine	5260	10/14/81	7N-5W-15	33 56 42	112 46 07	2311	3 mi. SW of Wickenburg
Coyote Wash	5265	11/27/02	4N-7W-13	33 41 49	112 55 25	1805	3.5 mi. SW of the intersection of Aguila and Wickenburg Roads
Box Wash	5270	03/11/03	6N-5W-20	33 50 57	112 47 57	2260	9 miles southwest of Wickenburg
Sols Wash @ SR 71	5275	09/24/81	9N-7W-14	34 07 07	112 57 45	2740	1/2 mile SW of the SR 71 / US 93 intersection
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
Sun Valley @ Northern	5300	08/02/05	3N-4W-32	33-33-12	112-40-41	1395	Sun Valley Parkway at Northern Ave.
Hassy R. @ Box Canyon	5305	11/17/83	8N-4W-07	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-09	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-01	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-09	33 32 01	112 28 14	1190	4 mi. N of I-10 on Jackrabbit Trail alignment
Ford Canyon Wash	5425	02/05/02	3N-2W-18	33 35 48	112 29 57	1470	Alignments of Cactus Road and Tuthill Road
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 South	5440	02/13/02	3N-2W-21	33 35 13	112 28 37	1640	1/2 mi. N of the Peoria and 195th Ave. alignments
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

Sensor Name	Sensor ID	Installed	T-R-S	Latitude	Longitude	Elevation	Location
Chrysler P. Grounds	5460	10/31/90	5N-2W-07	33 47 04	112 30 03	1720	3 mi. ESE of Circle City, 1.5 mi. N of Wittmann
NW Regional Landfill	5465	04/27/93	4N-2W-17	33 39 40	112 29 30	1890	Near 195th Ave. and Deer Valley Rd.
CAP @ 163 rd Ave.	5470	12/10/02	5N-1W-19	33 45 32	112 24 42	1540	CAP canal at 163 rd Ave.
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
El Mirage Drain	5480	02/16/06	4N-1W-14	33 41 27	112 19 41	1265	1/2 mile S of Pinnacle Peak and El Mirage Roads
Upper Trilby Wash	5485	09/25/01	7N-3W-12	33 57 38	112 31 45	3230	On Trilby Wash, 2.2 miles N of Castle Hot Springs Road
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.
Daggs Wash	5495	11/08/07	5N-5W-25	33 44 45	112 43 30	1680	9.5 miles SW of Circle City
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-08	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.
Upper Cline Creek	5545	11/21/01	7N-3E-35	33 54 38	112 00 57	2520	8 miles east of New River
Deer Valley Airport	5550	01/23/91	4N-3E-18	33 41 06	112 04 59	1445	Deer Valley Rd. and 7th Ave.
Fig Springs	5555	11/14/01	7N-3E-17	33 56 56	112 04 29	2380	3.5 miles east of New River
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-05	33 53 35	112 04 05	2109	4 mi. E of New River
Skunk Cr. nr New River	5585	06/28/01	7N-3E-30	33 55 35	112 04 59	2185	Skunk Cr. at Fig Springs Road, 3.5 miles E of New River
New River @ Bell Rd.	5595	04/04/90	3N-1E-03	33 38 18	112 14 27	1200	Bell Road 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
New River Fire	5635	07/20/05	7N-3E-04	33-58-34	112-03-38	2475	5 miles NE of New River
Cooks Mesa	5640	03/21/84	8N-4E-04	34 03 34	111 57 06	4565	10 mi. E of Black Canyon City in the New River Mtns.
Lake Pleasant North	5660	04/24/01	7N-1E-33	33 54 17	112 16 15	1750	On Deer Island, north end of Lake Pleasant
Garfias Mtn.	5670	04/14/81	7N-2W-01	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-04	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-03	34 31 10	112 00 02	4750	I-17 at SR 169 (Cherry Rd.)
Dewey	5805	06/18/81	13N-2E-08	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.
Horseshoe Lake	5890	09/06/00	7N-6E-09	33 59 02	111 42 44	2000	Horseshoe Lake- Sw Corner near Boat Ramp
Asher Hills	5900	08/02/90	4N-6E-01	33 43 03	111 41 01	1680	Off Asher Dr. in McDowell Mtn. Park, 1 mi. W of Rio Verde

Sensor Name	Sensor ID	Installed	T-R-S	Latitude	Longitude	Elevation	Location
Bartlett Lake	5910	08/31/00	6N-7E-28	33 50 20	111 38 06	1670	Bartlett Lake Sheriff Sub-station
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
McDowell Mtn. Road	5920	5/18/04	4N-6E-26	33 39 24	111 42 23	1620	In McDowell Mtn. Park, 2 mi. NE of Fountain Hills
Fraesfield Mountain	5930	07/28/89	5N-5E-23	33 45 41	111 48 51	2661	Alignments of Dixaleta Dr. and 128th St.
Rackensack Canyon	5940	06/28/07	7N-5E-33	33 54 06	111 50 42	4520	8 miles NE of Cave Creek
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 xsecl with Fntn. Hills Blvd.
Camp Creek	5955	07/18/05	7N-5E-23	33-56-07	111-49-14	3720	4 miles SE of Seven Springs Campground
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.
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-05	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-07	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 th Ave.
Chandler @ Alma School	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.
Williams Field Rd.	6575	07/03/01	1S-7E-25	33 18 35	111 35 01	1460	1/4 mi. N of Williams Field Rd. and Meridian
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.
Chandler Airport	6585	01/26/06	2S-5E-14	33 15 31	111 49 23	1225	1/4 mi. S of Queen Creek Rd. and McQueen
Elliot @ Hawes Rd.	6590	06/26/01	1S-7E-09	33 21 02	111 39 11	1380	NE corner of Elliot Rd. and Hawes 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.
McDowell @ Hawes	6630	04/13/06	2N-7E-32	33 28 03	111 39 04	1750	100 yds. W of Hawes Rd. and McDowell Rd.
Spookhill McKellips	6635	06/19/08	1N-7E-07	33 27 04	111 40 04	1585	McKellips Road at Loop 202
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

Sensor Name	Sensor ID	Installed	T-R-S	Latitude	Longitude	Elevation	Location
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-08	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-09	33 21 06	111 32 34	1582	Alignments of Tomahawk Rd. and Williams Field Rd.
Spookhill Brown	6690	06/04/08	1N-7E-16	33 26 12	111 38 53	1595	Brown Rd. at Hawes Rd. alignment
McDowell @ Meridian	6695	04/23/06	1N-8E-06	33 27 56	111 34 39	1910	125 yds. E of McDowell Rd. and Meridian Rd.
Rittenhouse FRS	6700	09/27/88	2S-8E-02	33 17 22	111 30 26	1580	Alignments of Goldfield Rd. and Germann Rd.
Powerline Floodway	6705	02/13/08	1S-7E-28	33 19 16	111 38 10	1385	Ellsworth Rd. and Ray Rd. alignment
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
Queen Cr. @ CAP	6720	01/14/99	2S-8E-26	33 12 22	111 30 15	1565	Queen Creek at Central AZ Project
Wolverine Pass	6725	07/12/07	2N-8E-34	33 28 04	111 31 53	2050	2 mi. NW of the alignments of McDowell & Tomahawk
Florence Junction	6730	04/18/86	1S-9E-35	33 17 51	111 23 43	1840	1.5 mi. NW of Florence Junction
Bulldog Canyon	6735	07/11/07	2N-8E-32	33 28 47	111 33 10	2065	2 mi. NW of the alignments of McDowell & Tomahawk
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
Weekes Wash Baseline	6750	05/27/08	1S-8E-04	33 22 44	111 32 15	1630	Baseline at Royal Palm Lane
Saguaro Lake	6780	01/24/00	2N-8E-27	33 34 26	111 32 17	1550	MCSO yard, NW corner of the Lake
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-05	33 27 04	112 29 40	1044	1/4 mi. NE of Tuthill Rd. and Van Buren St.
Waterman @ Rainbow	6830	03/18/99	2S-2W-14	33 15 40	112 36 38	1085	Rainbow Valley Rd. at Queen Creek Rd.
Buckeye Rd. @ SR 85	6835	09/20/00	1S-4W-01	33 22 05	112 37 11	990	1/4 mi. E of SR 85 on Buckeye Rd.
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
Bullard @ Indian School	6865	06/27/06	2N-1W-29	33 29 33	112 22 54	1025	Indian School Rd. @ Wigwam Blvd.
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
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 Tank @ I-8	6930	06/28/01	6S-4W-06	32 55 59	112 42 20	775	On I-8 bridge south of Gila Bend
Sand Tank Wash	6940	07/21/83	7S-4W-14	32 48 06	112 37 55	1108	9 mi. SSE of Gila Bend
Gila R. @ 116 th Ave.	6845	12/16/98	1N-1W-36	33 23 24	112 18 28	940	¼ mile NNW of 115 th Ave. and Baseline Rd.
Rainbow Valley Wash	6950	11/06/00	2S-4W-23	33 14 08	112 38 22	900	9 miles south of Buckeye on SR 85
Maricopa Mountains	6955	04/21/05	3S-5W-13	325926	1123122	1210	11 miles ENE of Gila Bend
Mobile	6965	12/15/04	4S-1E-34	33 02 19	112 14 38	1340	2 miles SE of Mobile
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-03	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

Sensor Name	Sensor ID	Installed	T-R-S	Latitude	Longitude	Elevation	Location
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
Sols Trib @ SR 93	7025	05/02/95	8N-6W-03	34 03 10	112 50 59	2585	3.32 miles 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-06	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 west of the US60 / US93 junction
Centennial Divide	7135	08/21/01	8N-6W-31	34 00 01	112 54 55	2465	7 miles west of the US89 / US93 junction
Ritter Dam	7140	11/21/02	8N-7W-08	34 02 40	113 00 27	2345	9 miles NE of Aguila
Wood Tank	7145	11/20/02	8N-8W-10	34 02 42	113 04 43	2480	8 miles NNE of Aguila
Joshua Tree	7150	03/05/02	10N-7W-32	34 09 48	113 00 55	2840	4.5 miles NW of the SR71 / US93 junction
Burton Tank	7155	03/19/02	9N-6W-15	34 07 25	112 51 40	2860	3 miles SSW of Congress
Bucks Well	7160	12/11/02	10N-6W-19	34 11 47	112 55 15	3290	3.5 miles west of Congress
Antelope Creek	7165	07/09/03	8N-5W-09	34 02 56	112 46 46	2470	6.5 miles NNW of Wickenburg
Upper Martinez Cr.	7170	02/26/02	10N-5W-18	34 12 18	112 49 23	3235	4.5 miles WSW of Yarnell

Flood Control District of Maricopa County ALERT System

Table II - Precipitation Sensors Installed in Water-Year 2008

Sensor Name	Sensor ID	Date Installed	Location
Daggs Wash	5495	11/08/2007	9.5 miles SW of Circle City
Powerline Floodway	6705	02/13/2008	Ellsworth Rd. at Ray Rd. alignment
Weekes Wash Baseline	6750	05/27/2008	Baseline Rd. at Royal Palm Lane
Spookhill Brown	6690	06/04/2008	Brown Rd. at Hawes Rd. alignment
Spookhill McKellips	6635	06/19/2008	McKellips Road at Loop 202

Table III - Rain Gage Failure Statistics for Water-Year 2008

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

FAILURE TYPE	Failures - 2008	Failures - 2007	Failures - 2006	Failures - 2005
Data Collision	78	29	---	---
Transmitter	24	23	30	21
Unknown	14	52	62	46
Tipping Bucket / Plugged Funnel	13	9	12	5
Programming Error	9	24	23	22
Battery	3	9	22	17
Antenna	3	6	4	6
Repeater	2	0	67	61
Winds/Lightning/Fire/Flooding	2	1	0	1
Vandalism	1	1	3	10
Radio Path	1	0	1	0
Radio	1	0	0	0
Solar Panel	0	0	0	0

Table IV

ALERT Rain Gages: Water-Year Totals for 2008, 2007, 2006 & 2005

Gage Name	ID #	Inches - 2008	Notes	Inches - 2007	Inches - 2006	Inches-2005
Sacaton Peak	0750	6.22	3	2.44	2.48	8.82
Tat Momolikot Dam	0770	5.00		2.05	NA	8.07
Gila @ Maricopa Rd	0775	7.87		5.12	3.74	9.21
Gila @ Olberg	0780	7.76		4.65	6.81	9.72
Santa Cruz @ SR 84	0785	6.42		4.06	6.65	7.32
Santa Rosa @ SR 84	0795	5.71		2.91	4.92	9.09
Cesar Chavez Park	4500	9.29		2.56	4.06	10.43
Gateway C. College	4505	11.46		3.07	4.21	9.76
Roeser @ 2nd St.	4510	10.28		2.91	4.25	10.51
Salt R. @ 40th St.	4515	9.45		2.17	4.09	7.60
Salt R. @ Priest Dr.	4520	12.13		3.78	6.10	11.02
ASU South	4525	11.42		4.33	6.69	12.24
Kleinman Park	4530	9.41		5.16	6.73	10.63
Broadway @ Dobson	4535	11.02		5.47	6.69	11.26
Fitch Park	4540	10.71		4.80	5.71	10.98
Brown Rd. @ Horne	4545	10.91		5.51	5.35	11.30
Mountain View Park	4550	10.71		5.00	5.87	14.13
Falcon Field	4555	11.54		4.92	4.96	11.65
Spookhill FRS	4560	----	2	4.06	6.73	11.42
Granite Reef	4565	11.54		3.66	5.12	3.35
Price Drain @ 202	4570	10.67		4.57	6.18	11.81
Laveen Basin	4575	8.46		2.95	NA	NA
Salt River Landfill	4580	11.14		5.16	4.72	15.28
Reata Pass Wash	4585	10.00		5.00	7.68	18.07
Pima @ Union Hills	4590	10.04		4.25	6.93	15.20
Pinnacle Peak Vista	4595	10.04		4.09	6.57	16.61
IBW @ McKellips Rd.	4600	10.00		3.39	5.08	10.94
Osborn @ 64 th St.	4605	9.13		4.45	5.20	10.71
IBW @ Indian Bend Rd.	4610	10.63		4.25	6.14	13.03
IBW @ Indian School	4615	9.09		3.94	3.86	10.51
IBW Interceptor	4620	9.92		3.50	5.75	12.28
Highland @ 68 th St.	4625	10.59		3.98	5.04	11.57
Thunderbird Academy	4630	8.78		3.58	6.22	12.28
Tatum Basin Rain	4635	11.10	3	4.45	6.18	12.17
IBW @ Sweetwater	4640	9.41	3	3.98	6.30	12.01
East Fork CC #1	4645	9.61		4.21	9.02	14.33
Paradise Valley Park	4650	8.78		3.39	8.07	12.83
East Fork CC #4	4655	8.90		3.58	8.19	13.35
Lost Dog Wash	4660	10.28		3.82	5.00	12.80
EFCC nr 7 th Ave.	4665	8.46		3.46	7.01	14.25
Pima @ Jomax	4670	10.75		6.97	7.01	18.27
Lake Margarite	4675	10.55		4.41	5.31	13.70
East Fork CC #3	4680	9.06		3.62	8.62	14.65
Berneil Wash	4685	9.33		4.06	5.39	12.99
IBW @ Shea Blvd	4690	10.31		4.33	6.06	12.48
Aztec Park	4695	11.54		3.27	5.75	13.94
Durango Complex	4700	10.31		2.80	4.33	12.09
Jefferson @ 4th Ave.	4710	9.61		2.83	3.98	12.52
Grand @ 27 th Ave.	4715	9.53		4.21	5.83	11.73
Thomas @ 16th St.	4720	11.02		3.39	3.50	10.83
Granite Reef Wash	4725	9.33		1.26	NA	NA
Perry Park	4730	11.42		3.74	3.82	9.65
Papago Park	4740	9.37		3.62	4.53	9.29

Gage Name	ID #	Inches - 2008	Notes	Inches - 2007	Inches - 2006	Inches-2005
Old X-cut @ McDowell	4745	9.61		3.50	4.21	9.02
Thomas @ 48th St.	4750	8.98		4.09	4.02	10.00
Salt River @ 67 th Ave	4755	10.67		2.72	5.12	11.81
Maryvale Muni Golf	4760	9.02		2.99	7.40	11.30
Buckeye @ 75th Ave.	4765	8.54		1.65	4.57	12.09
City of Glendale	4770	7.83	3	3.23	7.09	11.69
Maryland @ 27th Ave.	4775	9.37		5.04	5.71	12.48
Missouri @ 16th St.	4780	12.17		4.13	3.54	12.52
Butler Park	4785	9.17		2.76	6.50	12.24
Paradise Valley CC	4790	8.86		4.33	4.76	11.81
Dreamy Draw Dam	4800	9.33		3.54	5.31	12.17
ACDC @ 36th St.	4805	10.83		5.20	3.50	10.75
ACDC @ 14th St.	4810	10.94		3.54	3.82	12.83
10 th St. Wash Basin #1	4815	8.35		3.03	4.13	10.47
ACDC @ 43rd Ave.	4820	9.53	3	3.66	6.10	13.07
Phoenix Basin # 3	4825	10.24		3.39	4.76	11.26
Cave Creek @ Cactus	4830	7.72		3.46	6.42	11.69
ACDC @ Cave Creek	4835	8.98		3.39	6.57	11.22
Greenway @ 32nd Ave.	4840	7.87		2.95	4.72	14.33
Phoenix Basin # 7	4850	8.35		3.03	5.24	12.72
Phoenix West Park	4855	8.66		2.83	5.39	11.54
Rawhide Wash	4860	11.18		8.15	7.87	17.91
Desert Mtn. School	4875	10.20		3.90	3.62	NA
Skunk Tank Wash	4885	9.57		4.09	5.67	NA
Cave Creek	4890	13.78		9.02	6.89	23.90
Desert Hills Wash	4895	10.79		3.31	5.59	NA
Cave Buttes Dam	4900	7.91		4.13	5.98	13.54
Stagecoach Wash	4910	13.66		10.51	6.61	19.37
Cave Creek Landfill	4915	9.45		5.63	5.35	17.40
Cave Cr. @ Spur Cross	4920	12.87		9.09	8.58	16.14
Carefree Ranch	4930	15.79		9.45	9.21	19.49
Reata Pass Dam	4935	13.15		6.42	8.62	16.89
Humboldt Mtn.	4940	12.28		6.81	7.09	17.24
Cave Creek Fire	4945	18.94		7.83	10.79	5.35
Seven Springs	4950	21.46		12.01	9.53	30.31
Seven Springs Wash	4960	21.34		8.23	11.65	28.78
Mt. Oatman	5000	4.61		3.90	6.65	13.39
Columbus Wash	5010	5.35		1.77	5.71	11.42
Copper Wash	5030	6.50		1.22	6.38	12.28
4th of July Wash	5040	6.69		5.28	3.27	13.15
Gila Bend Mountains	5050	5.43		3.15	5.16	11.34
Sugarloaf Mountain	5055	7.32		4.25	6.26	18.15
G&F Woolsey Peak	5060	5.71		6.14	7.01	12.80
Eagle Eye Rd. @ CAP	5065	4.84		1.89	6.38	15.28
I-10 @ 355 th Ave.	5070	7.01		4.09	4.06	14.37
Cruff Wash	5075	4.53		5.98	8.58	12.09
Buckeye @ 547 th Ave.	5080	5.31		2.36	5.91	16.73
Baseline @ 547 th Ave.	5085	5.67		3.82	6.26	15.16
Centennial @ Wenden	5090	6.46		3.31	4.76	14.57
Webb Mountain	5095	4.02		6.46	8.74	10.94
Centennial Railroad	5100	3.19		3.74	4.92	12.68
Delaney Wash	5105	5.83		5.59	4.88	14.09
Saddleback FRS	5110	6.34		2.68	3.82	13.86
Winters Wash	5115	5.83		4.29	4.72	13.35
Centennial Levee	5120	3.39		1.61	5.12	16.18
Harquahala FRS	5125	7.99		2.20	2.91	13.50
Upper Tiger Wash	5130	7.05		7.01	6.77	17.87
Four Mile Wash	5135	6.30		7.17	3.54	16.14

Gage Name	ID #	Inches - 2008	Notes	Inches - 2007	Inches - 2006	Inches-2005
Tiger Wash Fan	5140	5.67		1.73	4.53	17.80
Upper Grass Wash	5145	8.50		4.61	9.45	17.13
Narrows Damsite	5150	6.42		4.84	4.57	15.79
Grass Wash @ US 60	5155	7.20		4.09	7.09	19.25
Tiger Wash	5160	9.29		3.82	7.28	19.09
Outlaw Hill	5165	8.03		5.04	7.40	19.33
Gladden	5170	7.95		5.16	5.83	16.93
Centennial near Aguila	5175	8.62	3	2.56	7.28	18.43
Centennial Wash	5180	8.07		3.46	6.42	19.61
Harquahala Mtn.	5185	16.42		9.13	8.46	30.04
Smith Peak	5190	7.87		3.46	7.01	20.91
Dead Horse Wash	5195	7.32		5.28	5.87	18.94
Buckeye FRS #1	5200	5.55		2.17	2.56	10.98
Buckeye FRS #2	5205	5.55		2.32	5.55	9.80
Hassayampa Landfill	5210	4.69		4.21	2.01	10.87
Jackrabbit Wash	5215	7.05		6.02	6.10	18.39
Morristown	5220	8.19		5.00	4.37	15.67
Hassy R. @ US 60	5225	10.43		6.81	5.47	19.57
Sunset FRS	5230	8.35		7.48	4.25	19.37
Belmont Mountains	5240	7.87		4.84	6.97	17.64
Sunnycove FRS	5245	7.87		6.65	3.98	17.80
Twin Peaks	5250	8.98		6.02	7.24	19.25
Vulture Mine Rd.	5260	8.50	3	6.93	4.53	14.69
Coyote Wash	5265	9.53		3.19	6.61	17.60
Box Wash	5270	9.69		7.99	4.72	16.54
Sols Wash @ SR 71	5275	9.65		6.77	7.40	24.25
Hassayampa R. @ I-10	5280	6.26		2.99	2.76	12.28
Yarnell Hill	5290	15.59		8.39	8.98	33.43
Sun Valley @ Northern	5300	7.05		3.54	3.46	4.41
Hassy R. @ Box Canyon	5305	10.43		7.56	8.31	19.88
O'Brien Gulch	5320	----	2	6.38	7.64	25.67
Minnehaha	5335	22.76		10.55	13.11	34.25
Towers Mountain	5340	30.31		11.81	16.89	40.20
Hassy R. @ Wagoner Rd.	5350	14.61		10.24	13.39	25.35
Wilhoit	5365	13.15		10.08	14.88	25.47
Mt. Union	5380	32.36		14.53	17.09	47.80
Agua Fria @ Buckeye	5400	7.40		2.13	4.65	11.14
Colter @ El Mirage	5405	6.89		2.83	5.20	10.55
Dysart Drain @ LAFB	5410	7.40		3.46	4.45	12.17
White Tank FRS #3	5415	6.34		2.99	3.19	11.42
Ford Canyon Wash	5425	9.21		2.91	5.20	15.98
White Tank Peak	5430	12.52	3	5.47	4.76	16.65
McMicken Floodway	5435	6.81		4.72	3.35	12.05
McMicken Dam South	5440	7.01		2.87	2.68	12.64
McMicken Dam	5445	5.59	3	3.11	2.76	10.87
Patton Rd.	5450	7.80		4.96	6.10	12.44
Wittmann	5455	7.68		5.24	3.43	13.46
Chrysler Proving Ground	5460	7.87		4.41	3.46	13.62
NW Regional Landfill	5465	6.81		4.21	2.80	14.09
CAP @ 163 rd Ave.	5470	7.20		4.06	3.43	15.47
Circle City	5475	9.17		4.41	5.20	16.93
El Mirage Drain	5480	7.91		3.23	4.92	NA
Upper Trilby Wash	5485	14.13		4.96	9.37	19.09
Castle Hot Springs	5490	12.64		6.18	6.34	17.56
Daggs Wash	5495	7.01	1	NA	NA	NA
Agua Fria @ Grand Ave.	5500	8.31		3.39	5.43	14.92
New River @ Glendale	5505	7.36		0.87	NA	8.94
Dysart @ Bell Rd.	5510	7.36		3.31	5.59	13.50

Gage Name	ID #	Inches - 2008	Notes	Inches - 2007	Inches - 2006	Inches-2005
Sun City West	5515	7.52		4.09	3.39	14.21
ACDC @ 67th Ave.	5520	10.20		2.52	5.08	13.70
Grand @ Peoria Ave.	5525	8.54		2.01	5.63	12.52
Adobe Dam	5535	7.87		2.87	4.29	12.60
Upper Cline Creek	5545	14.49		6.57	8.11	16.46
Deer Valley Airport	5550	9.06		3.35	7.60	15.63
Fig Springs	5555	16.30		4.13	6.22	20.39
Skunk Creek @ I-17	5565	8.62		3.94	7.52	13.62
Cline Creek	5580	12.99		5.43	7.56	18.66
Skunk Cr. near New R.	5585	13.07	3	5.12	9.29	19.02
New River @ Bell Rd.	5595	7.24		2.76	4.80	14.13
New River Dam	5610	7.99	3	2.99	5.59	14.96
Sunup Ranch	5625	8.90		4.21	5.63	14.37
New River Landfill	5630	9.45		4.45	5.16	14.09
New River Fire	5635	15.43		7.60	9.53	6.06
Cooks Mesa	5640	26.02		8.70	11.34	34.96
Lake Pleasant North	5660	11.73		4.76	5.31	14.72
Garfias Mtn.	5670	12.68		6.02	4.72	22.36
Columbia Hill	5685	13.11		9.49	9.92	23.07
Horsethief Basin	5700	23.39		10.98	10.43	41.18
Crown King	5715	27.24		10.12	14.80	46.22
Sunset Point	5730	16.34		7.48	6.02	24.69
Horseshoe Ranch	5745	13.94		6.89	5.75	22.05
Horner Mtn. Ranch	5760	11.14		12.28	8.78	16.06
Arizona Hunt Club	5775	14.17		5.28	8.11	20.91
I-17 @ SR 169	5790	13.23		7.48	9.76	21.65
Dewey	5805	10.43		7.48	9.88	23.07
Prescott Valley	5820	8.39		8.62	8.23	22.40
Horseshoe Lake	5890	19.61		8.94	8.58	21.30
Asher Hills	5900	14.17		7.68	6.77	17.09
Bartlett Lake	5910	17.60	3	6.10	6.73	22.48
McDowell Mtn. Park	5915	15.71		6.93	7.40	16.97
McDowell Mtn. Road	5920	16.02		5.43	7.76	17.60
Fraesfield Mountain	5930	14.06	3	9.45	8.15	19.96
Rackensack Canyon	5940	17.95		2.64	NA	NA
Thompson Peak	5945	11.14	4	3.70	6.06	12.36
Fountain Hills FD	5950	14.76		5.20	6.61	17.05
Camp Creek	5955	17.48		7.95	10.94	7.80
Mt. Ord	5960	23.50		11.06	6.73	20.79
Stone Ridge Dam	5965	13.94		3.54	4.45	15.51
SunRidge Canyon Dam	5970	15.04		4.92	8.74	17.40
Cloudburst Wash	5975	16.02		5.12	9.25	16.50
North Heights Dam	5980	14.84		4.45	8.35	15.59
Golden Eagle Blvd.	5985	14.61		4.53	8.70	16.57
Hesperus Dam	5990	12.99		3.27	6.69	12.36
Hesperus Wash	5995	16.22		6.02	7.48	19.25
Guadalupe FRS	6500	11.34		2.64	3.90	9.06
South Mountain Park	6510	9.29		3.46	5.98	13.27
Carriage Lane Park	6520	8.62		3.74	4.72	10.79
South Mtn. Park HQ	6525	10.18		3.90	5.03	11.47
Chandler @ Alma School	6530	8.27	3	4.41	6.81	11.42
Mesa Tower	6540	10.59		4.80	5.35	10.04
Broadway @ Lindsay	6545	10.71		4.02	7.76	13.66
Ahwatukee	6550	10.47		3.27	4.25	13.94
South Mountain Fan	6560	10.79		3.50	3.62	11.02
EMF @ Broadway	6570	10.12		3.98	6.38	11.65
Williams Field Road	6575	9.72		5.08	10.31	11.34
EMF @ Queen Creek Rd.	6580	11.50		5.87	4.88	10.00

Gage Name	ID #	Inches - 2008	Notes	Inches - 2007	Inches - 2006	Inches-2005
Chandler Airport	6585	10.43		4.92	4.53	NA
Elliot @ Hawes Road	6590	9.37		5.31	8.70	10.04
EMF @ Arizona Ave.	6595	8.03		3.39	4.76	10.91
Guadalupe Channel	6600	9.33		4.96	7.91	9.92
Freestone Basin	6605	9.49		3.82	6.93	12.05
Queen Creek Rd.	6610	9.80		5.04	7.80	11.10
Queen Creek Landfill	6615	10.08		5.43	7.32	11.46
Crossroads Park	6620	8.27		3.19	7.24	13.07
Signal Butte FRS	6625	8.19	3	3.23	8.31	12.52
McDowell @ Hawes	6630	11.81		4.65	5.67	NA
Spookhill McKellips	6635	5.67	1	NA	NA	NA
Usery Mtn. Park	6640	12.36		2.72	6.93	13.62
Usery Park WS	6650	11.97		3.62	7.60	14.41
Thunder Mtn.	6655	10.94		2.20	4.57	10.16
Apache Junction FRS	6670	13.74		4.65	5.67	12.17
Apache Trail	6675	13.39		4.29	6.61	13.66
Powerline FRS	6680	11.22		4.45	5.55	11.57
Vineyard FRS	6685	12.09		4.84	6.73	11.97
Spookhill Brown	6690	5.55	1	NA	NA	NA
McDowell @ Meridian	6695	12.95		4.65	6.34	NA
Rittenhouse FRS	6700	10.24		4.06	8.43	10.28
Powerline Floodway	6705	4.25	1	NA	NA	NA
Queen Cr. @ Rittenhouse	6710	11.69		4.29	10.63	13.11
Magma FRS	6715	10.16		6.57	7.99	12.32
Queen Creek @ CAP	6720	9.80		4.25	7.64	11.93
Wolverine Pass	6725	15.08		1.93	NA	NA
Florence Junction	6730	12.01		7.01	9.96	14.88
Bulldog Canyon	6735	16.69		1.34	NA	NA
Whitlow Ranch Dam	6740	15.43		7.83	11.02	14.33
Kings Ranch	6745	14.17		6.38	7.48	14.25
Weekes Wash Baseline	6750	2.95	1	NA	NA	NA
Saguaro Lake	6780	18.15		6.93	3.11	16.46
Buckeye FRS #3	6810	4.76		1.89	4.57	9.06
White Tank FRS #4	6820	4.76		1.34	2.91	7.83
Waterman @ Rainbow	6830	7.60		2.24	3.94	9.37
Buckeye Rd. @ SR 85	6835	5.28		1.54	2.40	10.47
Tuthill @ Ray Rd.	6840	6.34		2.09	2.95	8.78
Gila @ 116 th Ave.	6845	9.72		3.07	4.53	14.06
Gila @ Estrella Pkwy.	6850	5.75		3.54	3.54	9.49
Bullard @ Indian School	6865	6.50		3.31	2.56	NA
Waterman Wash	6880	7.87		1.10	9.76	12.17
Estrella Fan	6890	9.72		3.43	6.97	12.80
Upper Waterman Wash	6900	5.59	3	2.09	7.24	8.27
Gillespie Dam	6905	4.45		2.72	4.92	11.85
Gila Bend Landfill	6910	7.05		2.24	3.78	8.03
Sauceda Wash	6920	7.28		3.66	4.09	8.86
Sand Tank @ I-8	6930	7.76		3.74	2.99	8.98
Sand Tank Wash	6940	5.87		3.11	7.24	7.80
Rainbow Wash	6950	5.51		3.50	3.66	11.93
Maricopa Mountains	6955	8.11		1.97	3.70	2.20
Bender Wash	6960	7.32		4.65	4.96	8.74
Mobile	6965	7.44		3.03	6.73	7.32
Vekol Wash	6980	7.64		3.35	5.75	11.89
Stanton	7000	12.09		7.05	7.20	24.69
Mid-Martinez Creek	7005	10.94		7.13	8.39	22.20
Martinez Creek	7010	9.76	3	6.73	5.08	19.17
Congress	7020	10.98		6.34	6.81	20.24
Sols Trib. @ US 93	7025	9.76		6.02	8.35	20.39

Gage Name	ID #	Inches - 2008	Notes	Inches - 2007	Inches - 2006	Inches-2005
Sols Tank	7030	11.50		5.63	7.36	21.69
Black Hill	7035	9.76		7.05	7.05	21.54
Sols Wash near Matthie	7040	7.68		5.55	4.21	18.98
Black Mountain	7050	7.80		9.09	8.82	21.10
Hartman Wash	7060	8.31		5.59	6.42	21.30
Flying E Tank	7070	8.98		5.20	6.18	22.80
Flying E Wash	7080	8.46		6.89	4.96	19.69
Casandro Wash	7090	9.06		7.52	5.00	20.24
Constellation Road	7100	9.17		5.20	5.08	18.15
Powder House Wash	7110	8.58		5.28	4.72	17.95
Wickenburg Airport	7120	7.64		5.28	5.31	21.30
Casandro Dam	7130	8.23		7.64	4.80	19.57
Centennial Divide	7135	8.70		6.57	6.42	19.69
Ritter Dam	7140	9.13		4.65	7.80	20.00
Wood Tank	7145	8.15		4.02	6.34	17.20
Joshua Tree	7150	10.91		5.91	8.07	21.57
Burton Tank	7155	10.94		8.15	5.04	24.33
Bucks Well	7160	13.50		6.14	8.94	26.42
Antelope Creek	7165	11.46		7.60	7.80	20.00
Upper Martinez Creek	7170	13.66		5.47	9.69	27.56

Notes Apply to Water-Year 2008 Values Only

Note 1: Gage installed during Water-Year 2008, total given is not complete.

Note 2: Total is inaccurate due to gage failure during an event at one or more times during the Water-Year, or the gage was taken out of service.

Note 3: Water-Year total contains one or more estimated event totals. Estimated totals are included in the data set used to produce the annual rainfall plot (Figure 2).

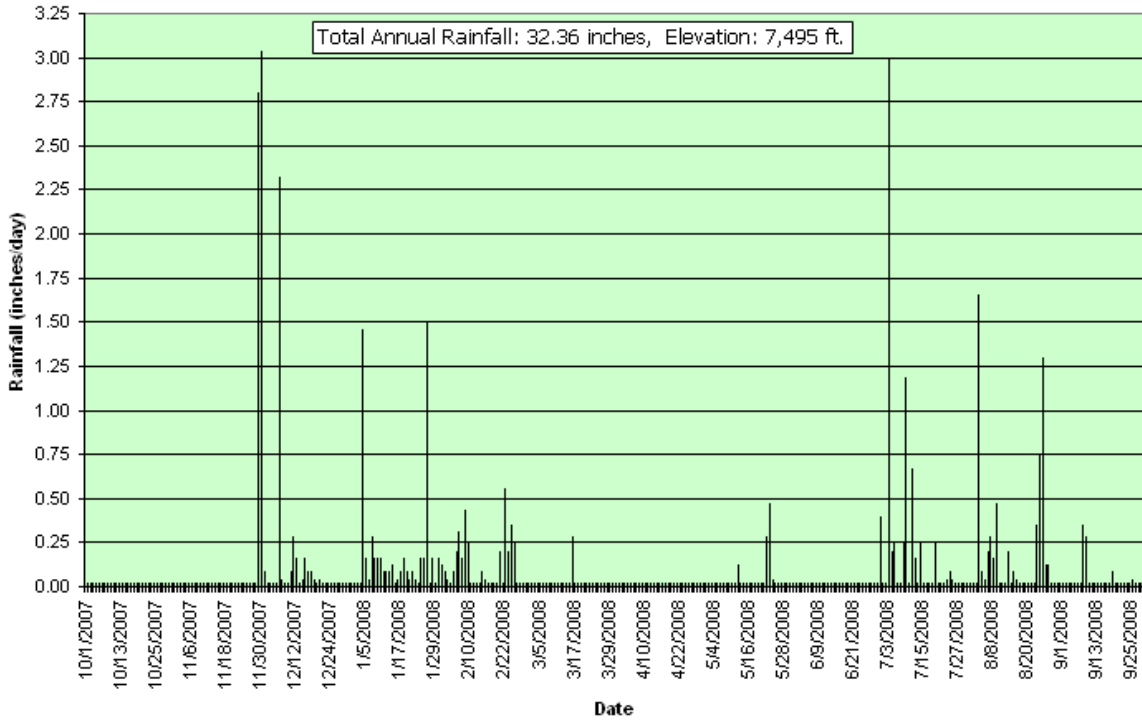
Note 4: Total not included in annual rainfall plot (Figure 2) by reason of high-wind profile or other detrimental physical condition.

TABLE V – Rainfall Statistics for Water-Years 2002 through 2008

Statistic	Value	Location	Date
Highest Maximum Daily Rainfall	5.00" - 2008	Crown King	Dec. 7th
	2.68" - 2007	Stagecoach Wash	July 31st
	3.86" - 2006	Upper Grass Wash	Aug. 11th
	5.08" - 2005	Towers Mountain	Dec. 29th
	3.78" - 2004	Horsethief Basin	Nov. 12th
	3.94" - 2003	Mt. Union	Feb. 13th
	2.87" - 2002	Horner Mtn. Ranch	Sep. 6th
Lowest Maximum Daily Rainfall	0.83" - 2008	Prescott Valley	Nov. 30th
	0.31" - 2007	Sacaton Peak	Aug. 25th
	0.63" - 2006	Sols Wash near Matthie	Aug. 11th
	0.59" - 2005	Maryvale Muni Golf	Jan. 3rd
	0.31" - 2004	Mt. Oatman	Feb. 23rd
	0.51" - 2003	Rittenhouse FRS	Feb. 13th
	0.16" - 2002	Sauceda Wash	Sep. 7th
Highest Maximum Monthly Rainfall	8.62" - 2008	Cooks Mesa	Jan.
	5.55" - 2007	Mt. Union	July
	6.10" - 2006	Towers Mountain	Aug.
	12.17" - 2005	Mt. Union	Feb.
	4.61" - 2004	Mt. Union	July
	7.68" - 2003	Mt. Union, Yarnell Hill	Mar., Feb.
	5.87" - 2002	Horsethief Basin	Sep.
Lowest Maximum Monthly Rainfall	1.02" - 2008	Centennial Levee	Jan.
	0.39" - 2007	Copper Wash	Mar.
	0.87" - 2006	McMicken Dam South	Sep.
	1.93" - 2005	Santa Cruz @ SR 84	Feb.
	0.47" - 2004	Mt. Oatman	Apr.
	1.22" - 2003	Sacaton Peak	Feb.
	0.28" - 2002	Sauceda Wash	Dec.
Highest Annual Total Rainfall	32.36" - 2008	Mt. Union	
	14.53" - 2007	Mt. Union	
	17.09" - 2006	Mt. Union	
	47.80" - 2005	Mt. Union	
	25.39" - 2004	Mt. Union	
	31.54" - 2003	Mt. Union	
	12.36" - 2002	Horsethief Basin	
Lowest Annual Rainfall Total	3.19" - 2008	Centennial Railroad	
	1.22" - 2007	Copper Wash	
	2.40" - 2006	Buckeye @ SR 85	
	7.32" - 2005	Santa Cruz @ SR 84	
	2.01" - 2004	Columbus Wash	
	3.58" - 2003	Vineyard FRS	
	0.39" - 2002	Gila Bend Mtns.	
Highest Number of Days with Rain	90 - 2008	Mt. Union	
	60 - 2007	Mt. Union	
	61 - 2006	Mt. Union	
	115 - 2005	Mt. Union	
	70 - 2004	Mt. Union	
	81 - 2003	Mt. Union	
	44 - 2002	Mt. Union	
Lowest Number of Days with Rain	11 - 2008	Centennial Railroad	
	5 - 2007	Tiger Wash Fan	
	10 - 2006	Saddleback FRS	
	28 - 2005	Mt. Oatman	
	10 - 2004	McMicken Dam	
	16 - 2003	Copper Wash	
	4 - 2002	Gila Bend Mtns.	
Average Number of Days with Rain for All Sensors	28.7 - 2008		
	22.6 - 2007		
	20.7 - 2006		
	44.8 - 2005		
	25.1 - 2004		
	29.8 - 2003		
	15.2 - 2002		
Median Number of Days with Rain for All Sensors	28 - 2008		
	22 - 2007		
	19 - 2006		
	44 - 2005		
	24 - 2004		
	28 - 2003		
	14 - 2002		

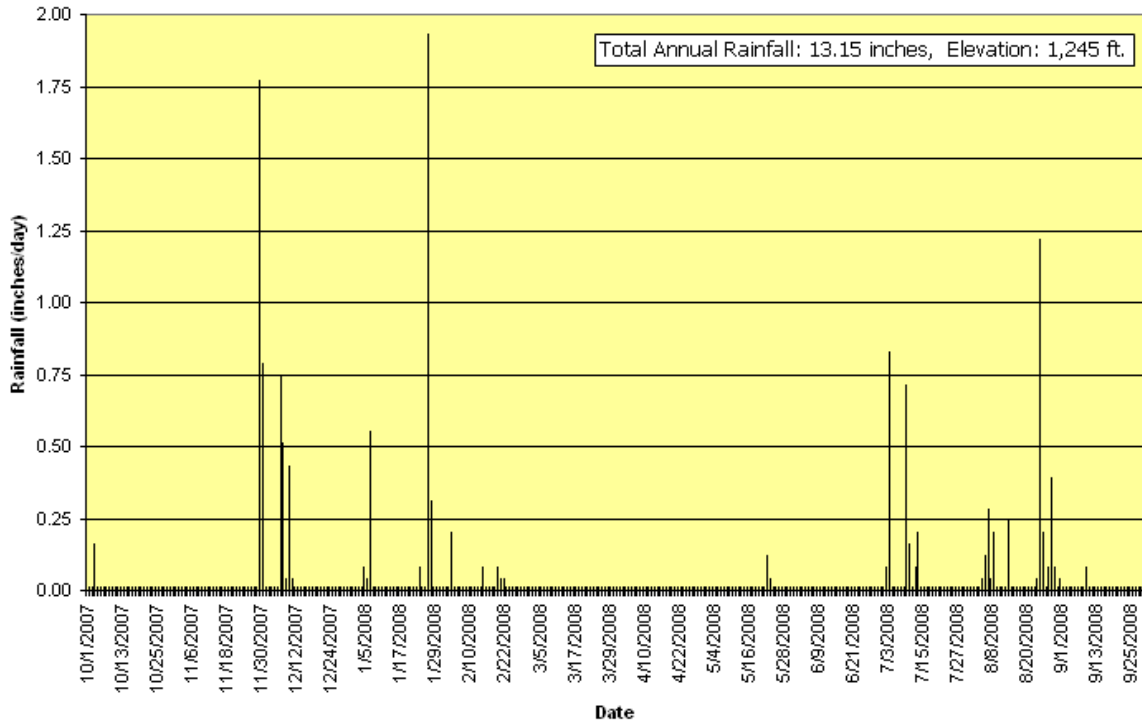
Statistic	Value	Location	Date
Average Annual Total for All Stations	10.23" - 2008 4.86" - 2007 8.68" - 2006 15.48" - 2005 7.07" - 2004 8.98" - 2003 3.50" - 2002		
Median Annual Total for All Stations	9.45" - 2008 4.29" - 2007 7.95" - 2006 13.70" - 2005 6.38" - 2004 7.80" - 2003 3.31" - 2002		
Average Percent of Annual Mean for All Stations	121.1% - 2008 59.8% - 2007 72.9% - 2006 172.0% - 2005 84.0% - 2004 102.0% - 2003 41.5% - 2002		
Highest Percent of Annual Mean Using only stations with 10 or more complete water-years of record (Total" / Mean")	187% - 2008 98% - 2007 146% - 2006 285% - 2005 130% - 2004 166% - 2003 83% - 2002	Salt River @ Priest Dr. Horner Mtn. Ranch Queen Cr. @ Rittenhouse Centennial Levee Apache Trail Circle City Holly Acres	
Lowest Percent of Annual Mean Using only stations with 10 or more complete water-years of record (Total" / Mean")	57% - 2008 27% - 2007 35% - 2006 118% - 2005 35% - 2004 44% - 2003 8% - 2002	Centennial Railroad White Tank FRS #4 Garfias Mtn. Ranch Sand Tank Wash Mt. Oatman Vineyard FRS Gila Bend Mtns.	

**Mt. Union Precipitation Gage No. 5380
Water-Year 2008**

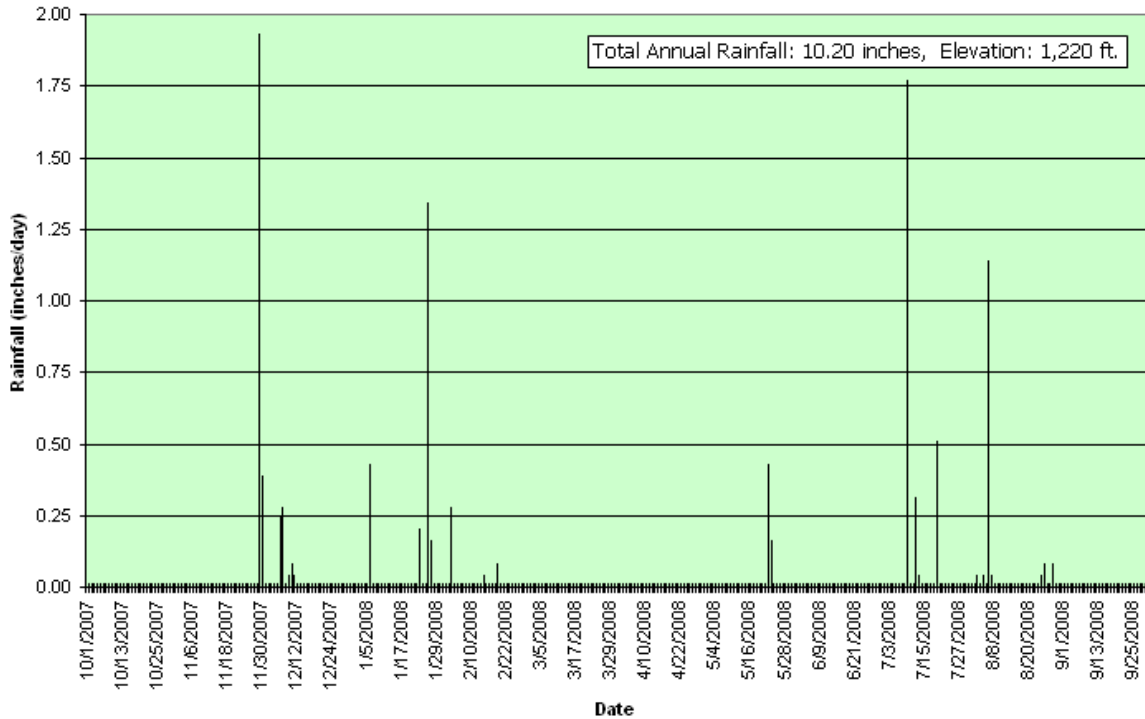


Water-Year
Hyetographs for
Six Selected Gages

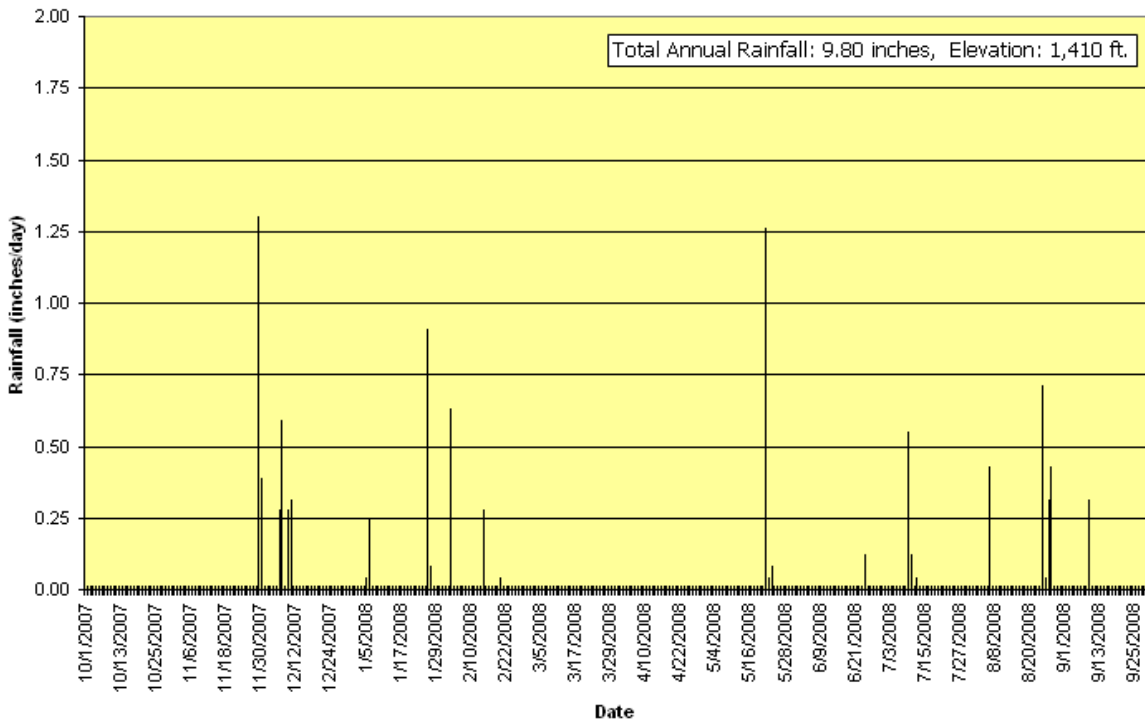
**Reata Pass Dam Precipitation Gage No. 4935
Water-Year 2008**



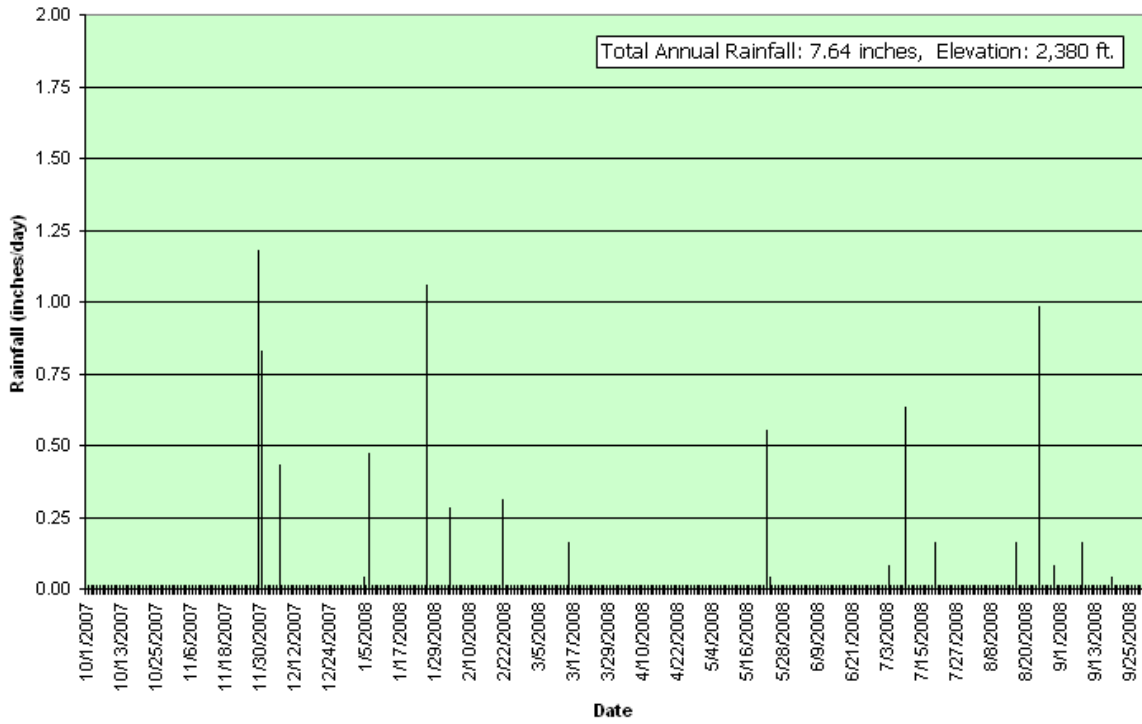
**AZ Canal Diversion Channel at 67th Ave. Precipitation Gage No. 5520
Water-Year 2008**



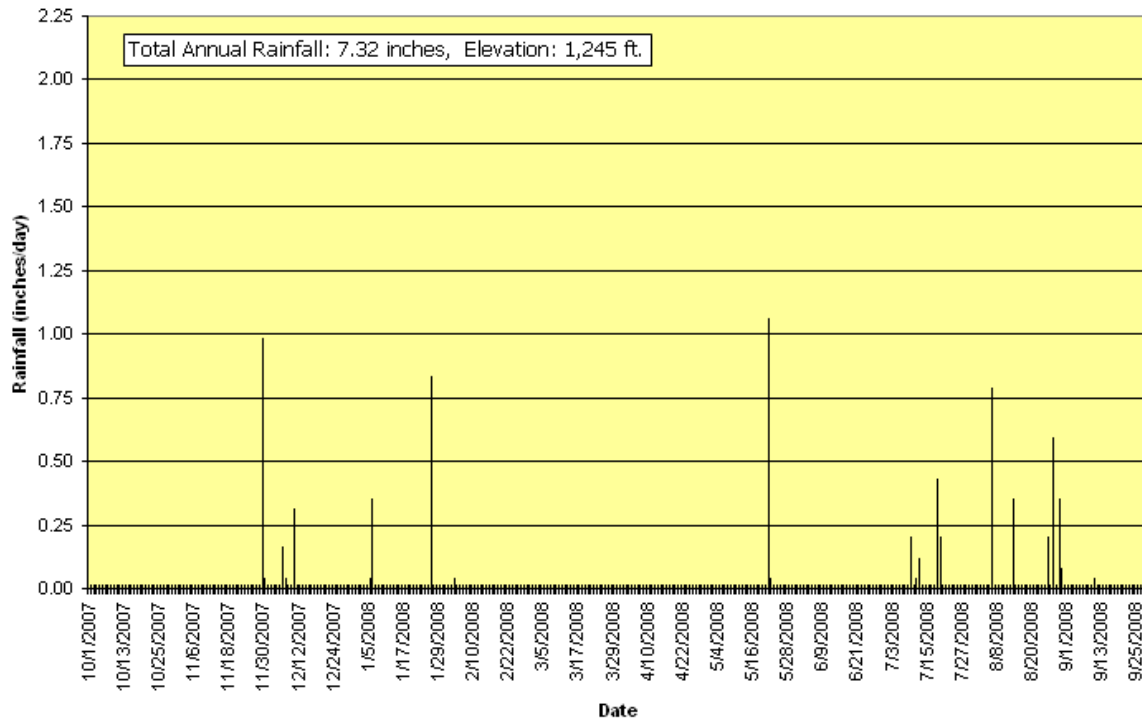
**Queen Creek Road Precipitation Gage No. 6610
Water-Year 2008**



**Wickenburg Airport Precipitation Gage No. 7120
Water-Year 2008**



**Bender Wash Precipitation Gage No. 6960
Water-Year 2008**



Flood Control District of Maricopa County ALERT System
Daily Rainfall at Salt R. @ 40th St. (gage # 4515) for Water Year 2008

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			.08									
2												
3												
4	.08				.20							
5											.55	
6											.04	
7			.63	.43							.63	
8			.31									
9												
10										.55		
11			.04							.20		
12												
13										1.18		
14											.28	
15					.04							
16												
17												
18												
19												
20					.08							
21												
22		----						.24				
23		----						.12				
24		----						.04				
25		----									.39	
26											.08	
27				.71							.04	
28				.12							1.34	
29												
30		1.06			----							
31		----			----		----		----			----
SUM	0.08	1.06	1.06	1.26	0.31	0.00	0.00	0.39	0.00	1.93	3.35	0.00
ACC	0.08	1.14	2.20	3.46	3.78	3.78	3.78	4.17	4.17	6.10	9.45	9.45
MAX	0.08	1.06	0.63	0.71	0.20	0.00	0.00	0.24	0.00	1.18	1.34	0.00
NO.	1	1	4	3	3	0	0	3	0	3	8	0
											Maximum Daily Rainfall	1.34
											Maximum Monthly Rainfall	3.35
											Total Annual Rainfall	9.45
											Number of Days with Rain	26

Notes:

Annual rainfall in millimeters: 240 Total down-time: 5.18 days
 Gage 4515 down from 11/21 07:50 (2) through 11/26 12:11 (2) due to data collision; no rain fell.

Flood Control District of Maricopa County ALERT System
 Daily Rainfall at Spookhill McKellips (gage # 6635) for Water Year 2008

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1	----	----	----	----	----	----	----	----	----				
2	----	----	----	----	----	----	----	----	----				
3	----	----	----	----	----	----	----	----	----				
4	----	----	----	----	----	----	----	----	----				
5	----	----	----	----	----	----	----	----	----				
6	----	----	----	----	----	----	----	----	----		.04		
7	----	----	----	----	----	----	----	----	----		.43		
8	----	----	----	----	----	----	----	----	----		.04		
9	----	----	----	----	----	----	----	----	----				
10	----	----	----	----	----	----	----	----	----	2.64		.43	
11	----	----	----	----	----	----	----	----	----	.28		.04	
12	----	----	----	----	----	----	----	----	----				
13	----	----	----	----	----	----	----	----	----				
14	----	----	----	----	----	----	----	----	----				
15	----	----	----	----	----	----	----	----	----				
16	----	----	----	----	----	----	----	----	----				
17	----	----	----	----	----	----	----	----	----				
18	----	----	----	----	----	----	----	----	----				
19	----	----	----	----	----	----	----	----	----				
20	----	----	----	----	----	----	----	----	----				
21	----	----	----	----	----	----	----	----	----	.87			
22	----	----	----	----	----	----	----	----	----				
23	----	----	----	----	----	----	----	----	----				
24	----	----	----	----	----	----	----	----	----				
25	----	----	----	----	----	----	----	----	----		.28		
26	----	----	----	----	----	----	----	----	----		.20		
27	----	----	----	----	----	----	----	----	----		.04		
28	----	----	----	----	----	----	----	----	----		.35		
29	----	----	----	----	----	----	----	----	----		.04		
30	----	----	----	----	----	----	----	----	----				
31	----	----	----	----	----	----	----	----	----			----	
SUM	----	----	----	----	----	----	----	----	0.00	3.78	1.42	0.47	
ACC	----	----	----	----	----	----	----	----	0.00	3.78	5.20	5.67	
MAX	----	----	----	----	----	----	----	----	0.00	2.64	0.43	0.43	
NO.	----	----	----	----	----	----	----	----	0	3	8	2	
												Maximum Daily Rainfall	2.64
												Maximum Monthly Rainfall	3.78
												Partial Annual Rainfall	5.67
												Number of Days with Rain	13

Notes:

Annual rainfall in millimeters: 144
 Station installed on 06/19/2008.

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Powerline Floodway (gage # 6705) for Water Year 2008

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep		
1	----	----	----	----	----									
2	----	----	----	----	----									
3	----	----	----	----	----									
4	----	----	----	----	----									
5	----	----	----	----	----									
6	----	----	----	----	----									
7	----	----	----	----	----						.16			
8	----	----	----	----	----									
9	----	----	----	----	----									
10	----	----	----	----	----			----		.08		.12		
11	----	----	----	----	----			----		.20		.04		
12	----	----	----	----	----									
13	----	----	----	----	----									
14	----	----	----	----	----									
15	----	----	----	----	.20			.04						
16	----	----	----	----	----						----			
17	----	----	----	----	----						----			
18	----	----	----	----	----									
19	----	----	----	----	----									
20	----	----	----	----	.12									
21	----	----	----	----	----									
22	----	----	----	----	.04			.94						
23	----	----	----	----	----			.12			.04			
24	----	----	----	----	----			.08						
25	----	----	----	----	----				.12		.39			
26	----	----	----	----	----							.43		
27	----	----	----	----	----						.28			
28	----	----	----	----	----						.71			
29	----	----	----	----	----						.16			
30	----	----	----	----	----									
31	----	----	----	----	----		----		----			----		
SUM	----	----	----	----	0.35	0.00	0.00	1.18	0.12	0.28	1.73	0.59		
ACC	----	----	----	----	0.35	0.35	0.35	1.54	1.65	1.93	3.66	4.25		
MAX	----	----	----	----	0.20	0.00	0.00	0.94	0.12	0.20	0.71	0.43		
NO.	----	----	----	----	3	0	0	4	1	2	6	3		
												Maximum Daily Rainfall	0.94	
													Maximum Monthly Rainfall	1.73
													Partial Annual Rainfall	4.25
													Number of Days with Rain	19

Notes:

Annual rainfall in millimeters: 108 Total down-time: 5.75 days
 Gage 6705 down from 5/09 22:54 (9) through 5/12 09:07 (9) for unknown reason; no rain fell.
 Gage 6705 down from 8/15 01:44 (53) through 8/18 09:28 (53) due to data collision; no rain fell.
 Station installed on 02/13/2008.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Florence Junction (gage # 6730) for Water Year 2008

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1			.20									.04	
2													
3													
4					.63								
5				.08	.04								
6				.12									
7			.43	.43							.55		
8			.71										
9													
10			.47							1.73			
11			.16							.75		.08	
12													
13													
14													
15					.35								
16					.04								
17													
18													
19													
20													
21					.04								
22					.04			.79					
23								.55					
24													
25									.12		.55		
26											.20		
27				1.18									
28				.08							.16		
29													
30		1.34			----								
31		----			----		----		----		.16	----	
SUM	0.00	1.34	1.97	1.89	1.14	0.00	0.00	1.34	0.12	2.48	1.61	0.12	
ACC	0.00	1.34	3.31	5.20	6.34	6.34	6.34	7.68	7.80	10.28	11.89	12.01	
MAX	0.00	1.34	0.71	1.18	0.63	0.00	0.00	0.79	0.12	1.73	0.55	0.08	
NO.	0	1	5	5	6	0	0	2	1	2	5	2	
												Maximum Daily Rainfall	1.73
												Maximum Monthly Rainfall	2.48
												Total Annual Rainfall	12.01
												Number of Days with Rain	29

Notes:

Annual rainfall in millimeters: 305

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Bulldog Canyon (gage # 6735) for Water Year 2008

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1			.43										
2													
3													
4					.87								
5				.12							.16		
6				.16									
7			.55	.91							.12		
8			1.57										
9													
10			.47							1.54		.08	
11			.35							.28			
12													
13					.08						.04		
14											.59		
15					.55								
16			.16										
17													
18													
19													
20					.24								
21			.04							.12			
22					.12			.91					
23								.51					
24				.04				.12					
25											.71		
26											.16		
27				1.65							.08		
28				.28							.43		
29													
30		2.17			----								
31		----			----		----		----		.12	----	
SUM	0.00	2.17	3.58	3.15	1.85	0.00	0.00	1.54	0.00	1.93	2.40	0.08	
ACC	0.00	2.17	5.75	8.90	10.75	10.75	10.75	12.28	12.28	14.21	16.61	16.69	
MAX	0.00	2.17	1.57	1.65	0.87	0.00	0.00	0.91	0.00	1.54	0.71	0.08	
NO.	0	1	7	6	5	0	0	3	0	3	9	1	
												Maximum Daily Rainfall	2.17
												Maximum Monthly Rainfall	3.58
												Total Annual Rainfall	16.69
												Number of Days with Rain	35

Notes:

Annual rainfall in millimeters: 424

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Whitlow Ranch Dam (gage # 6740) for Water Year 2008

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1			.20										
2													
3													
4					.63					.04			
5											.43		
6				.47									
7			.83	.55									
8			.83										
9												.12	
10			.39							2.56		.35	
11			.20							.35		.04	
12													
13								.08		.24			
14											.28		
15					.51								
16					.04								
17													
18													
19													
20													
21													
22					.04			1.26					
23								.35					
24													
25											.59		
26											.51		
27				1.38							.16	.16	
28				.16							.28		
29				.04									
30		1.34			----								
31		----			----		----		----		.04	----	
SUM	0.00	1.34	2.44	2.60	1.22	0.00	0.00	1.69	0.00	3.19	2.28	0.67	
ACC	0.00	1.34	3.78	6.38	7.60	7.60	7.60	9.29	9.29	12.48	14.76	15.43	
MAX	0.00	1.34	0.83	1.38	0.63	0.00	0.00	1.26	0.00	2.56	0.59	0.35	
NO.	0	1	5	5	4	0	0	3	0	4	7	4	
												Maximum Daily Rainfall	2.56
												Maximum Monthly Rainfall	3.19
												Total Annual Rainfall	15.43
												Number of Days with Rain	33

Notes:

Annual rainfall in millimeters: 392

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Upper Waterman (gage # 6900) for Water Year 2008

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1												
2												
3												
4												
5												
6				.04								
7			.16	.24							.16	
8												.12
9										.04		
10										.08		
11			.24							.12		
12										.24		
13												
14											.31	
15					.04							
16												
17												
18												
19												
20					.04							
21												
22								.94				
23								.08				
24												
25										.04	.12	
26												
27				.94							.04	
28				.04							.28	
29												
30		1.10			----						.12	
31		----			----		----		----		.04	----
SUM	0.00	1.10	0.39	1.26	0.08	0.00	0.00	1.02	0.00	0.51	1.06	0.12
ACC	0.00	1.10	1.50	2.76	2.83	2.83	2.83	3.86	3.86	4.41	5.47	5.59
MAX	0.00	1.10	0.24	0.94	0.04	0.00	0.00	0.94	0.00	0.24	0.31	0.12
NO.	0	1	2	4	2	0	0	2	0	5	7	1
											Maximum Daily Rainfall	1.10
											Maximum Monthly Rainfall	1.26
											Estimated Annual Rainfall	5.59
											Number of Days with Rain	24

Notes:

Annual rainfall in millimeters: 142 Total down-time: 1.50 days
 Gage 6900 failed to record the event of 11/30 because of vandalism – rain total **estimated** from radar and nearby gages.

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Mid-Martinez Creek (gage # 7005) for Water Year 2008

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			.24									
2												
3					.51							
4					.04					.24		
5				.04								
6											.16	
7			.47	.91								
8			.04								.12	
9												.12
10										.55		
11			.04							.04		
12												
13										.24		
14										.28	.08	
15											.35	
16						.31						
17											.08	
18												
19												
20					.04					1.18		
21					.04							
22					.43							
23								.47				
24								.04				
25											1.06	
26												
27				1.22								
28												
29												
30		1.38			----						.16	
31		----			----		----		----		.08	----
SUM	0.00	1.38	0.79	2.17	1.06	0.31	0.00	0.51	0.00	2.52	2.09	0.12
ACC	0.00	1.38	2.17	4.33	5.39	5.71	5.71	6.22	6.22	8.74	10.83	10.94
MAX	0.00	1.38	0.47	1.22	0.51	0.31	0.00	0.47	0.00	1.18	1.06	0.12
NO.	0	1	4	3	5	1	0	2	0	6	8	1
											Maximum Daily Rainfall	1.38
											Maximum Monthly Rainfall	2.52
											Total Annual Rainfall	10.94
											Number of Days with Rain	31

Notes:

Annual rainfall in millimeters: 278

Total down-time: 0.00 days

Flood Control District of Maricopa County ALERT System
Daily Rainfall at Martinez Creek (gage # 7010) for Water Year 2008

DAY	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1			.20									
2												
3					.04							
4					.12					.28		
5				.08								
6				.04								
7			.16	.83								
8			.04									
9											.24	.43
10										.47		
11										.12		
12												
13										.39		
14												
15		----										
16		----				.20						
17		----									.20	
18				----								
19				----								
20				----	.12					.28		
21				----								
22					.35							
23								.55				
24								.04				
25											2.09	
26	----										.12	
27	----			1.02								
28	----			.04								
29	----											
30	----	1.14									.20	
31	----	----					----		----			----

SUM	0.00	1.14	0.39	2.01	0.63	0.20	0.00	0.59	0.00	1.54	2.83	0.43
ACC	0.00	1.14	1.54	3.54	4.17	4.37	4.37	4.96	4.96	6.50	9.33	9.76
MAX	0.00	1.14	0.20	1.02	0.35	0.20	0.00	0.55	0.00	0.47	2.09	0.43
NO.	0	1	3	5	4	1	0	2	0	5	5	1

Maximum Daily Rainfall 2.09

Maximum Monthly Rainfall 2.83

Estimated Annual Rainfall 9.76

Number of Days with Rain 27

Notes:

Annual rainfall in millimeters: 248 Total down-time: 16.54 days
 Gage 7010 down from 1/06 04:14 (42) through 1/08 11:52 (?) due to transmitter failure; **estimated** the 6th-7th total from radar and nearby gages.
 Gage 7010 down from 1/17 07:04 (63) through 1/22 13:03 (63) due to a programming error; no rain fell.
 Gage 7010 down from 10/25 15:04 (0) through 10/31 08:21 (0) due to transmitter failure, no rain fell.
 Gage 7010 down from 11/14 22:12 (0) through 11/18 04:12 (0) due to data collision; no rain fell.

