ANNUAL HYDROLOGIC DATA REPORT

VOLUME II
SURFACE WATER DATA

WATER YEAR 1999

PREFACE

This publication presents the surface water data collected by the Flood Control District of Maricopa County's automated water level gage network. This telemetered network is located primarily throughout Maricopa County, Arizona with additional gages in Yavapai, Pinal, and La Paz Counties.

The surface water data contained in this report was collected, compiled and edited by the Flood Warning and Water Quality Branch of the Engineering Division. Data includes mean daily, total, maximum, and minimum discharges at the flow sites; mean daily, maximum, and minimum pool levels at the storage locations; and mean daily, maximum, and minimum volumes stored at the storage locations. Also included are maximum discharges, pool levels, and storage volumes for flood events of interest at each site. In addition, a few hydrographs from significant floods are also presented. Furthermore, flood flow frequency tables are included at sites where information is available either from statistical analysis of gage records or from rainfall-runoff models. These estimates of flood flow frequency do not necessarily correspond to regulatory discharges for the channel reaches near the gage sites. Always refer to official regulatory documents for such discharge information.

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

Revisions to any of these data for any reason will be published in the following years' reports immediately following the data for the current year for the site where the revisions have been made.

Additional copies of this report may be purchased from:

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

or downloaded from the World Wide Web at http://www.fcd.maricopa.gov/alert/alert.htm**.**

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INTRODUCTION

The Flood Control District of Maricopa County in cooperation with federal, state, and local agencies collects a large amount of data pertaining to surface water runoff in and around Maricopa County. These data provide a valuable resource for information not otherwise furnished by the traditional sources of this type of material. To make these data readily available to interested parties outside the Flood Control District, the data are published annually in this report entitled "Annual Hydrologic Data Report, Volume II -- Surface Water Data."

This report includes records on discharge at stream gages and at flood control storage structures, on depths at flood control storage structures, and on contents at flood control storage structures. Specifically it contains: (1) Streamflow records at 58 stream gages and 34 flood control storage structures; (2) Pool levels of stored water at 36 flood control storage structures; and (3) Storage volumes at 35 flood control storage structures where stage-storage relationships are available. Records included are only a small fraction of those obtained for each site during this water year.

Several streamflow gages are operated cooperatively between the FCDMC and the United States Geological Survey (USGS). Although real-time data for these sites are collected by the FCDMC ALERT System for the purposes of flood event monitoring, quality control for the data at these gages lies with the USGS. The official records for these sites are published in the USGS Surface Water Data Reports each water year. The cooperative gages collected jointly for Water Year 1999 were:

USGS Gage Name	FCDMC ID	USGS ID
Gila River near Maricopa, AZ	0778	09479350
Salt River at Priest Drive	4523	09512165
Cave Cr. below Cottonwood Cr.	4923	09512280
Agua Fria River at El Mirage	5503	09513650
Skunk Creek near Phoenix, AZ	5568	09513860
Gila River @ Estrella Parkway	6853	09514100
Hassayampa River nr Morristown	5223	09516500
Centennial Wash at SPRR	5103	09517490

In addition to the continous cooperative stations, the FCDMC also cooperates with the USGS in the collection of peak discharges at a number of crest stage gage sites. The data for these crest stage gage sites are also published by the USGS in their Surface Water Data Reports each water year.

The cooperative crest stage gage sites for Water Year 1999 were:

Gage Site Name	USGS ID
Vekol Wash near Stanfield, AZ	09488650
Tortilla Creek at Tortilla Flat	09501300
Camp Creek near Sunflower	09510170
Rock Creek near Sunflower	09510180
Indian Bend Wash at Shea Blvd	09512090
Salt River Trib in South Mountain Park	09512200
Agua Fria R. Trib. No. 2	09512700
Deadman Wash near New River	09513820
Waterman Wash near Buckeye	09514200
Hartman Wash near Wickenburg	09515800
Ox Wash near Morristown	09516600
Jackrabbit Wash near Tonopah	09516800
Centennial Wash Trib. nr Wenden	09517200
Tiger Wash near Aguila	09517280
Winters Wash near Tonopah	09517400
Rainbow Wash Trib. near Buckeye	09519600
Bender Wash near Gila Bend	09519750
Sauceda Wash near Gila Bend	09519760
Military Wash near Sentinel	09520100
Crater Range Wash near Ajo	09520230

There are two sensors located on Corps of Engineer structures. Tat Momolikot and Whitlow Ranch Dams are monitored by the Corps of Engineers. Again, these data are collected in real-time by the FCDMC for the purpose of flood monitoring. Please refer to the Los Angeles District office for official data for these sites.

This is the sixth annual surface water report published by the District. Prior to water year 1994, surface water data collected by the FCDMC ALERT System were not quality controlled, and therefore, not published. However, there are data resident in archives prior to water year 1994 that may have value to specific individuals. Data are available back to November 1987 for some streamflow sites.

The data are collected as a depth of flow in feet (or stage). The discharge and/or contents is then obtained by applying the stage to a rating curve of stage versus discharge in cubic feet per second (cfs), or stage versus contents in acre-feet (ac-ft). The discharge rating curves have been developed at stream gages by using field surveyed cross sections in a HEC-2 or HECRAS step backwater computer model to obtain a range of stage versus discharge points to be plotted on a curve. These step backwater ratings are refined whenever possible using direct and/or indirect measurements made at or near the gage site. For flood

control storage structues, discharge ratings were obtained in one of two ways. First, the design ratings may be used. In most cases however, the discharge rating curves were developed by application of the Federal Highway Administration's HY-8 computer model for culvert flow and U.S. Geological Survey methods for weir flow over the uncontrolled emergency spillways. The storage rating curves were obtained from published as-built or construction plans or developed from digital elevation data.

Daily mean discharges are computed by applying the daily mean stages (gage heights) to the stage-discharge curves or tables. The same is similarly true for storage facility contents. The minimum and maximum values are based on instantaneous readings and the volumes for discharge stations are based on accumulations of daily means. Those gages in section 2, Pool Levels at Storage Facilities, which show a continuous gage height during obvious periods of no storage, do so because the orifice to the pressure transducer is set at that gage height above or below 0.0 feet gage datum.

All of the data in this report have been reviewed and edited in an attempt to provide the most accurate data possible. A blank or blanks within the data set is an indication that data was lost either due to hardware, software, or radio problems, or that the gage had not yet been installed. Where possible, these data are flagged with footnotes describing the time the gage was down. In the event that published records require revision, revisions are printed in later reports. Listed in the heading for each gage where records have been revised are all the reports in which revisions have been published for the station and the water years to which the revisions apply (e.g. WY1999: WY1994-95 means that the data for Water Years 1994-1995 were revised in the report for Water Year 1999).

Comments about this report or errors discovered may be forwarded to the Flood Warning and Water Quality Branch using the comment/errata sheet found at the back of this document. Alternately, comments or errors may be sent via Internet e-mail from the FCDMC ALERT System Home Page or directly to deg@mail.maricopa.gov.

An index of gage names, numbers, locations, and other descriptors is included following the Definition of Terms in this report.

Additional or more detailed surface water 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 and Data Collection Branch at (602) 506-1501.

DEFINITION OF TERMS

Terms related to streamflow and other hydrologic data, as used in this report are defined below.

Acre-foot (ac-ft) is the quantity of water required to cover 1 acre to a depth of 1 foot and is equivalent to 43,560 cubic feet or about 326,000 gallons or 1,233 cubic meters.

Contents is the volume of water in a reservoir or lake. Unless otherwise indicated, volume is computed on the basis of a level pool.

Control designates a feature downstream from the gage that determines the stage-discharge relation at the gage. This feature may be a natural constriction of the channel, an artificial structure, or a uniform cross section over a long reach of the channel.

Control structure as used in this report is a structure on a stream or canal that is used to regulate the flow or stage of the stream.

Cubic foot per second (cfs) is the rate of discharge representing a volume of 1 cubic foot passing a given point during 1 second and is equivalent to approximately 7.48 gallons per second or 448.8 gallons per minute or 0.02832 cubic meters per second.

Cubic foot per second-day is the volume of water represented by a flow of 1 cubic foot per second for 24 hours. It is equivalent to 86,400 cubic feet, approximately 1.9835 acre-feet, or about 646,000 gallons or 2,445 cubic meters.

Daily mean discharge is the average discharge in cfs for a 24 hour period from midnight to midnight the following day.

Discharge is the volume of water (or more broadly, total fluid plus suspended sediment), that passes a given point within a given period of time.

Drainage area of a stream at a specified location is that area, measured in a horizontal plane, enclosed by a topographic divide from which direct surface runoff from precipitation normally drains by gravity into the stream above the specified point.

Drainage basin is a part of the surface of the Earth that is occupied by a drainage system, which consists of a surface stream or body of impounded surface water, together with all tributary surface streams and bodies of impounded surface water.

El Niño is a condition where sea surface temperatures are warmer in the eastern Pacific Ocean and cooler in the western Pacific Ocean in the lower latitudes. Normal conditions of sea surface temperatures are opposite with warmer waters in the western Pacific and cooler waters in the eastern Pacific. El Niño conditions usually results in a higher than normal precipitation in the southwestern United States.

Flood Elevation Frequency refers to the magnitude (in terms of depth or elevation) and probability of floods at a given flood control impoundment structure. The flood elevation frequency is usually given as a depth or elevation of impoundment associated with a given recurrence interval at a particular flood control impoundment structure.

Flood Flow Frequency refers to the magnitude (in terms of peak discharge) and probability of floods at a given gaging station. The flood flow frequency is usually given as a peak discharge associated with a given recurrence interval at a particular gaging station.

Gage datum is the elevation of the zero point of the reference gage from which gage height is determined. This elevation is established by a system of levels from known bench marks or by approximation from topographic maps or arbitrarily established to a known point such as a culvert invert elevation.

Gage height is the water-surface elevation referred to some arbitrary gage datum. Gage height is often used interchangeably with the more general term "stage," although gage height is more appropriate when used with a reading on a gage.

Gaging station is a particular site on a river, stream, canal, lake, or reservoir where systematic observations of hydrologic data are obtained.

Instantaneous discharge is the discharge at a particular instant of time.

La Niña is when above normal sea surface temperatures exist in the western Pacific Ocean and cooler than normal sea surface temperatures exist in the eastern Pacific Ocean. La Niña conditions usually result in drier than normal conditions in the southwestern United States.

Maximum Level is the highest pool level recorded or observed at a particular gaging station at a flood control impoundment structure for a given event.

Maximum Storage is the greatest volume of water stored behind or within a flood control impoundment structure for a given event. This occurs at the maximum pool level and is obtained from the stage-storage relation for that maximum level for a particular flood control impoundment structure.

Mean discharge (MEAN) is the arithmetic mean of individual daily mean discharges during a specific period.

National Geodetic Vertical Datum of 1929 (NGVD 1929) is a geodetic datum derived from a general adjustment of the first order level nets of both the United States and Canada. It was formerly called "Sea Level Datum of 1929" or "mean sea level." Although the datum was derived from the average sea level over a period of many years at 26 tide stations along the Atlantic, Gulf of Mexico, and Pacific Coasts, it does not necessarily represent local mean sea level at any particular place.

North American Vertical Datum of 1988 (NAVD 1988) is a datum based on the mass or density of the Earth instead of the varying values of the heights of the seas. Measurements of the acceleration of gravity are made at observation points in a network. Only one point is defined as the datum point. The vertical reference surface is then defined by the surface on which the gravity values are equal to the datum point value. This is called an equipotential surface.

Peak Discharge is the maximum instantaneous discharge for a given flood event.

Period of Record is the time period for which data exists for a given stream gaging station.

Pressure transducer is an instrument used to measure the depth of water. It is an analog instrument which measures a pressure change over a diaphragm. The depth of water is related to the change in pressure over the diaphragm created by the weight of the water over the instrument.

Recurrence interval is the reciprocal of the probability of a flood occurring in any given year. Thus, the flood having a 1% (1/100) chance of occurring in any given year has a recurrence interval of 100 years and is referred to as the 100-year flood. Similarly, the flood having a 50% (1/2) chance of occuring in any given year has a recurrence interval of 2 years and is referred to as the 2-year flood.

Staff gage is a device located at the gaging station to provide a visual reference to the depth of water at a the gage in terms of gage height above the water level measuring instrument.

Stage-discharge relation is the relation between gage height (stage) and the volume of water, per unit of time, flowing in a channel.

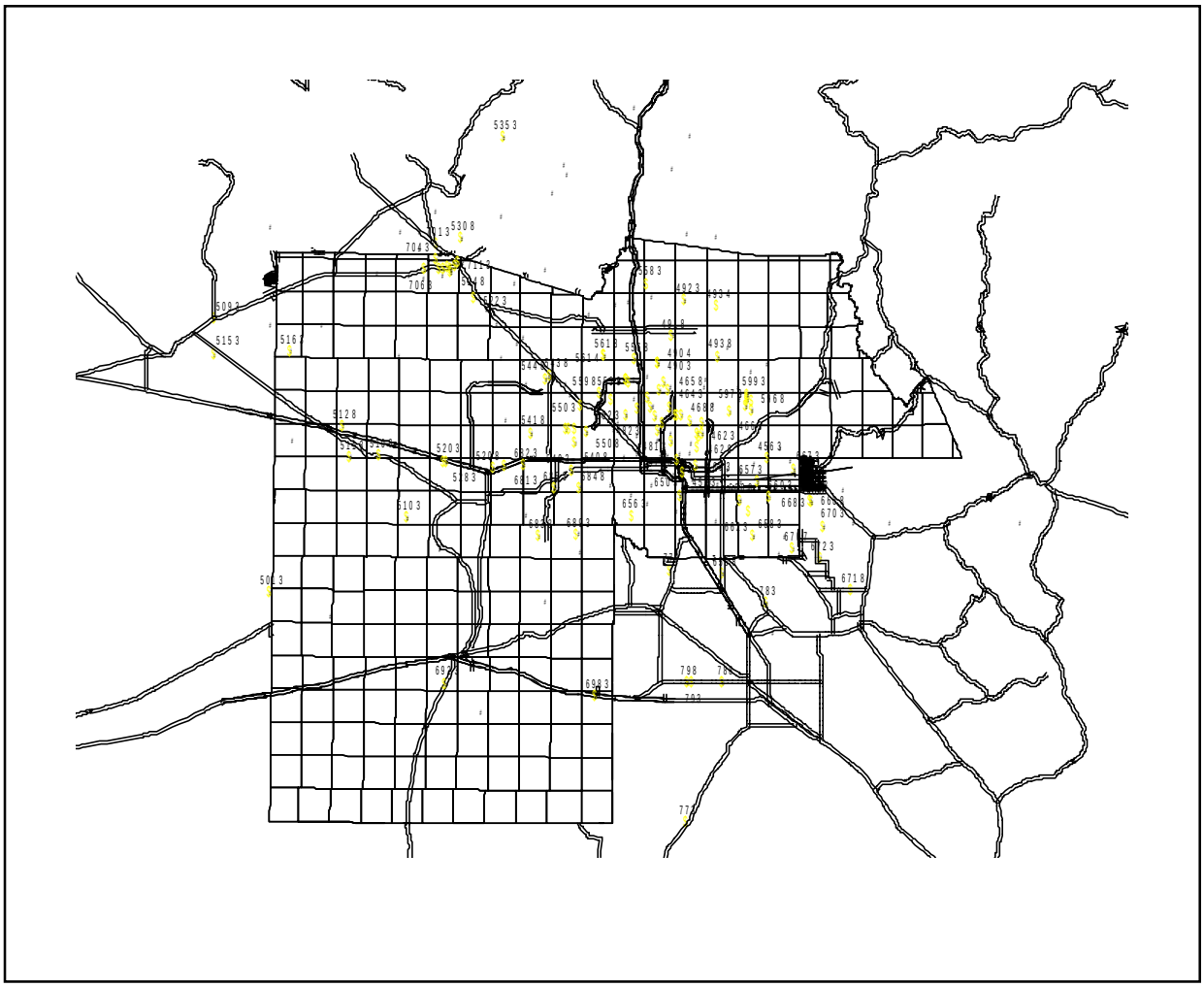
Stage-storage relation is the relation between gage height (stage) and the volume of water stored behind or within a flood control impoundment structure.
Streamflow is the discharge that occurs in a natural channel. Although the term "discharge" can be applied to the flow of a canal, the word "streamflow" uniquely describes the discharge in a surface stream course. The term "streamflow" is

more general than "runoff" as streamflow may be applied to discharge whether or not it is affected by diversion or regulation.

Water year dealing with surface-water data is the 12-month period, October 1 through September 30. The water year is designated by the calendar year in which it ends and which includes 9 of the 12 months. Thus, the year ending September 30, 1999, is called the "1999 Water Year."

Flood Control District of Maricopa County

ALERT Stage Gauges



Legend

Telemetry Stage

Precipitation

Precip/Temp/Humidity/Dew Point

Weather

New Installations in Water Year 1999

Several new streamgages were installed and one gage was removed during Water Year 1999. The table below lists the new gages installed during the Water Year.

ID #	Gage Name	Installed	T-R-S	Latitude	Longitude	Elev.	Page #s
4643	IBW at Sweetwater	11/18/98	3N-3E-13	33 36 15	112 00 18	1400	1:15, 16
4863	Rawhide Wash	07/27/99	5N-4E-36	33 44 27	111 53 55	2205	1:36
5013	Columbus Wash	09/22/99	4S-10W-6	33 06 27	113 19 57	685	1:40
5163	Tiger Wash	09/15/99	5N-10W-26	33 45 30	113 16 43	1960	1:45
6723	Queen Creek at CAP	1/14/99	2S-8E-26	33 12 22	111 30 15	1565	1:95
6833	Waterman at Rainbow	3/22/99	2S-2W-14	33 15 40	112 26 38	1085	1:99,100
6848	Gila River at 116th Ave.	12/16/98	1N-1W-36	33 23 24	112 18 28	940	1:101

Three gages that appeared in previous reports are not in the 1999 report or only include a partial record. All three gages have been permanently removed.

4938 Reatta Pass Dam (removed during Water Year 1999)
5153 Narrows Dam (removed during Water Year 1998)
6863 Gila River at 115th Avenue (moved to new bridge, gage # 6848)

NOTE: At gage 4643, IBW at Sweetwater, a new gage was installed on the 36th Street bridge over Indian Bend Wash on November 18, 1998. The gage was formerly on the Sweetwater Avenue bridge, approximately 500 feet upstream from the new location.

Flood Control District of Maricopa County

ALERT System Water Level Sensors WY 1999 -- Sorted by Sensor ID

ID #	Gage Name	Installed	T-R-S	Latitude	Longitude	Elev.	Page #s
769	Tat Momolikot Dam	1/21/98	9S-4E-30	32 30 46	111 57 06	1540	1:1; 2:1; 3:1
778	Gila @ Maricopa Rd	4/9/95	3S-3E-13	33 10 19	112 00 20	1120	1:2
783	Gila R. @ Olberg	4/12/95	4S-6E-12	33 05 15	111 41 11	1290	1:3
788	Santa Cruz @ SR 84	3/16/94	7S-5E-21	32 52 47	111 49 43	1311	1:4
793	Greene Wash @ SR 84	3/23/94	7S-4E-21	32 52 48	111 56 01	1350	1:5
798	Santa Rosa @ SR 84	3/16/94	7S-4E-20	32 52 49	111 56 46	1305	1:6
4523	Salt R. @ Priest Dr.	12/7/93	1N-4E-17	33 26 00	111 57 43	1133	1:7
4563	Spookhill FRS	3/13/84	2N-7E-31	33 28 01	111 40 48	1595	1:8; 2:2; 3:2
4603	IBW nr McKellips Rd.	5/21/85	1N-4E-11	33 26 58	111 54 58	1187	1:9
4613	IBW @ Indian Bend Rd.	9/28/83	2N-4E-11	33 32 01	111 54 48	1280	1:10
4618	IBW @ Indian School Rd	11/25/97	2N-4E-23	33 29 42	111 54 38	1235	1:11
4623	IBW @ Interceptor	4/21/94	2N-4E-12	33 32 00	111 53 55	1280	1:12
4628	IBW @ McDonald	11/24/97	2N-4E-11	33 31 26	111 54 33	1262	1:13
4638	Tatum Wash Basin Inflow	5/6/98	3N-4E-30	33 34 54	111 59 01	1397	1:14
4643	IBW @ Sweetwater	12/27/90	3N-3E-13	33 36 15	112 00 18	1400	1:15,16
4648	East Fork CC #1	3/2/94	4N-3E-23	33 40 11	112 01 29	1515	1:17; 2:3; 3:3
4653	Tatum Wash Basin	5/8/98	3N-4E-30	33 34 57	111 58 58	1394	1:18; 2:4, 3:4
4658	East Fork CC #4	1/18/94	4N-3E-25	33 38 55	112 00 35	1456	1:19; 2:5; 3:5
4668	EFCC nr 7th Ave.	5/21/97	3N-3E-5	33 37 40	112 04 49	1325	1:20, 21
4678	Lake Marguerite	11/25/97	3N-4E-36	33 33 49	111 53 56	1325	1:22
4683	East Fork CC #3	9/13/94	4N-3E-34	33 38 45	112 02 19	1456	1:23; 2:6; 3:6
4688	Berneil Wash	7/30/98	3N-4E-34	33 34 01	111 56 17	1320	1:24
4693	IBW @ Shea	6/9/98	3N-4E-29	33 34 55	111 58 03	1350	1:25, 26
4748	Old X-cut @ McDowell	7/27/94	1N-4E-06	33 27 56	111 58 48	1250	1:27
4803	Dreamy Draw Dam	1/24/84	3N-3E-34	33 33 45	112 01 54	1407	1:28; 2:7; 3:7
4808	ACDC @ 36th St.	2/24/94	2N-3E-13	33 30 49	111 59 56	1260	1:29
4813	ACDC @ 14th St.	2/9/94	2N-3E-4	33 32 31	112 02 35	1230	1:30
4818	10th Street Wash Basin #1	11/26/96	3N-3E-28	33 34 47	112 03 14	1150	1:31; 2:8, 3:8
4823	ACDC @ 43rd Ave.	11/14/90	3N-2E-22	33 35 03	112 09 16	1225	1:32, 33
4833	Cave Creek @ Cactus	6/27/91	3N-2E-13	33 35 59	112 06 39	1280	1:34, 35
4863	Rawhide Wash	7/26/99	5N-4E-36	33 44 27	111 53 55	2205	1:36
4903	Cave Buttes Outlet	1/25/84	4N-3E-15	33 42 58	112 02 43	1649	1:37
4904	Cave Buttes Pool	1/25/84	4N-3E-15	33 42 58	112 02 43	1649	2:9; 3:9
4918	Cave Cr. nr Cave Cr.	5/27/94	5N-3E-12	33 47 28	112 00 05	1800	1:38
4923	Cave Cr.@ Spur Cross	6/16/93	6N-4E-04	33 53 05	111 57 17	2280	1:39
5013	Columbus Wash	9/22/99	4S-10W-06	33 06 27	113 19 57	685	1:40
5093	Centennial @ Wenden	9/16/98	6N-12W-32	33 49 30	113 31 55	1860	1:41
5103	Centennial Railroad	2/9/90	1S-6W-28	33 18 35	112 52 56	850	1:42
5113	Saddleback FRS	12/16/88	2N-10W-34	33 27 55	113 04 21	1177	1:43; 2:11; 3:10
5128	Harquahala FRS	3/1/94	2N-8W-05	33 32 56	113 05 47	1420	1:44; 2:12; 3:11
5163	Tiger Wash	9/15/99	5N-10W-26	33 45 30	113 16 43	1960	1:45
5203	Buckeye FRS #1	7/26/83	1N-5W-3	33 27 31	112 45 02	1097	1:46; 2:13; 3:12
5208	Buckeye FRS #2	11/11/92	1N-3W-07	33 26 26	112 35 47	1150	1:47; 2:14; 3:13
5223	Hassy R. nr Morristown	5/7/96	6N-4W-03	33 53 05	112 39 42	1830	1:48
5228	Hassy R. @ US 60	3/14/94	7N-5W-12	33 58 13	112 43 31	2035	1:49, 50

Flood Control District of Maricopa County

ALERT System Water Level Sensors WY 1999 -- Sorted by Sensor ID

ID #	Gage Name	Installed	T-R-S	Latitude	Longitude	Elev.	Page #s
5233	Sunset FRS	2/12/89	7N-5W-11	33 57 50	112 44 33	2100	1:51; 2:15; 3:14
5248	Sunnycove FRS	7/31/86	7N-5W-11	33 57 25	112 44 24	2200	1:52; 2:16; 3:15
5283	Hassy R. @ I-10	11/9/94	1N-5W-03	33 27 27	112 45 43	1035	1:53
5308	Hassy R. @ Box Canyon	11/17/83	8N-4W-7	34 02 41	112 42 32	2245	1:54, 55
5353	Hassy R. @ Wagoner Rd.	9/26/91	11N-3W-9	34 18 38	112 34 05	3785	1:56
5403	Agua Fria @ Buckeye	10/12/88	1N-1W-14	33 26 05	112 19 55	940	1:57
5408	Colter @ El Mirage	6/29/94	2N-1W-13	33 30 28	112 19 24	1025	1:58
5413	Dysart Drain @ LAFB	8/22/96	2N-1W-03	33 32 38	112 20 59	1090	1:59
5418	White Tanks 3	3/12/86	2N-2W-9	33 32 01	112 28 14	1190	1:60; 2:17; 3:16
5423	Dysart Chnl @ El Mirage	3/7/97	2N-1W-1	33 32 36	112 19 24	1023	1:61
5438	McMicken Floodway	9/3/92	4N-1E-18	33 41 04	112 24 24	1337	1:62
5448	McMicken Dam	3/24/83	4N-2W-24	33 40 38	112 25 23	1361	1:63; 2:18; 3:17
5503	Agua Fria @ Grand Ave.	4/27/94	3N-1E-18	33 36 26	112 18 16	1125	1:64
5508	New River @ Glendale	3/21/90	3N-1E-8	33 32 14	112 17 00	1050	1:65, 66
5523	ACDC @ 67th Ave.	6/7/90	3N-1E-12	33 37 26	112 12 10	1220	1:67, 68
5538	Adobe Dam Outlet	10/28/82	4N-2E-21	33 40 37	112 09 12	1413	1:69
5539	Adobe Dam Pool	10/28/82	4N-2E-21	33 40 37	112 09 12	1413	2:19; 3:18
5543	Scatter Wash	9/18/96	4N-2E-27	33 40 09	112 08 25	1340	1:70
5568	Skunk Creek @ I-17	10/26/89	5N-2E-35	33 43 47	112 07 21	1475	1:71
5583	Skunk Cr. nr New R.	6/21/95	7N-3E-29	33 55 34	112 04 56	1854	1:72, 73
5598	New River @ Bell Rd.	4/4/90	3N-1E-3	33 38 18	112 14 27	1200	1:74
5613	New River Outlet	4/15/86	5N-1E-35	33 44 09	112 13 31	1498	1:75
5614	New River Pool	4/15/86	5N-1E-35	33 44 09	112 13 31	1498	2:20; 3:19
5968	Stoneridge Dam	12/11/96	3N-6E-22	33 35 41	111 43 57	1710	1:76; 2:21; 3:20
5973	Sunridge Canyon Dam	2/4/97	3N-6E-16	33 36 23	111 45 01	1932	1:77; 2:22; 3:21
5978	Golden Eagle Park Dam	12/12/96	3N-6E-10	33 37 08	111 44 04	1722	1:78; 2:23: 3:22
5983	North Heights Dam	10/11/96	3N-6E-9	33 37 17	111 44 52	1819	1:79; 2:24; 3:23
5988	Aspen Dam	1/2/97	3N-6E-4	33 37 34	111 44 41	1840	1:80; 2:25; 3:24
5993	Hesperus Dam	12/18/96	3N-6E-4	33 38 11	111 44 44	1894	1:81; 2:26; 3:25
6503	Guadalupe FRS	6/29/89	1S-4E-5	33 22 16	111 58 10	1250	1:82; 2:27; 3:26
6563	South Mountain Fan	6/9/93	1S-2E-26	33 18 56	112 07 59	1420	1:83, 84
6573	EMF @ Broadway	8/10/89	1N-6E-26	33 24 21	111 42 42	1349	1:85
6583	EMF @ Queen Creek Rd.	1/18/89	2S-6E-15	33 15 50	111 43 35	1317	1:86
6598	EMF @ Arizona Ave.	2/10/89	3S-5E-15	33 09 57	111 49 56	1214	1:87
6603	Guadalupe Channel	8/07/98	1S-7E-6	33 21 55	111 40 32	1345	1:88
6608	Freestone Park Basin	12/19/95	1S-6E-8	33 21 28	111 46 19	1450	2:28; 3:27
6623	Crossroads Park Basin	12/18/95	1S-6E-21	33 19 39	111 44 40	1270	2:29; 3:28
6628	Signal Butte FRS	11/10/87	1N-7E-12	33 26 25	111 35 25	1650	1:89; 2:30; 3:29
6673	Apache Junction FRS	12/16/81	1N-8E-8	33 26 28	111 33 07	1989	1:90; 2:31; 3:30
6683	Powerline FRS	12/3/92	1S-8E-9	33 21 22	111 32 14	1580	1:91; 2:32; 3:31
6688	Vineyard FRS	11/2/83	1S-8E-9	33 21 10	111 32 06	1582	1:92; 2:33; 3:32
6703	Rittenhouse FRS	9/27/88	2S-8E-2	33 17 22	111 29 49	1580	1:93; 2:34; 3:33
6707	Queen Ck @ Rittenhouse	9/14/93	2S-7E-25	33 13 50	111 35 41	1400	1:94
6723	Queen Creek at CAP	1/14/99	2S-8E-26	33 12 22	111 30 15	1565	1:95
6739	Whitlow Ranch Dam	1/8/98	1S-10E-36	33 17 55	111 16 35	2199	1:96; 2:35; 3:34
6813	Buckeye FRS #3	11/23/92	1N-3W-10	33 26 49	112 33 20	1200	1:97; 2:36; 3:35

Flood Control District of Maricopa County

ALERT System Water Level Sensors WY 1999 -- Sorted by Sensor ID

ID #	Gage Name	Installed	T-R-S	Latitude	Longitude	Elev.	Page #s
6823	White Tanks 4	1/9/86	1N-2W-5	33 27 04	112 29 40	1044	1:98; 2:37; 3:36
6833	Waterman at Rainbow	3/18/99	2S-2W-14	33 15 40	112 26 38	1085	1:99,100
6848	Gila @ 116th Ave.	12/16/98	1N-1W-36	33 23 24	112 18 28	940	1:101
6853	Gila @ Estrella Pkwy.	12/2/92	1N-1W-31	33 23 19	112 23 33	900	1:102
6893	Estrella Fan	4/30/93	2S-1W-12	33 16 02	112 18 53	1425	1:103
6923	Sauceda Wash	2/28/90	6S-5W-4	32 52 27	112 44 57	726	1:104
6983	Vekol Wash	3/7/90	7S-1E-3	32 50 30	112 14 58	1720	1:105, 106
7013	Martinez Creek	11/23/94	8N-5W-17	34 01 44	112 47 30	2300	1:107
7043	Sols Wash nr Matthie	8/4/95	8N-5W-32	33 59 14	112 47 33	2220	1:108
7063	Hartman Wash	7/6/94	7N-5W-12	33 57 45	112 49 42	2488	1:109
7083	Flying E Wash	7/12/94	7N-5W-09	33 57 44	112 46 55	2302	1:110, 111
7093	Casandro Wash	7/12/94	7N-5W-10	33 57 44	112 45 55	2240	1:112
7113	Powder House Wash	5/18/95	7N-4W-06	33 58 50	112 42 59	2120	1:113
7133	Casandro Dam	8/15/96	7N-5W-11	33 57 57	112 45 01	2163	1:114; 2:38; 3:37

Flood Control District of Maricopa County

ALERT System Water Level Sensors WY 1999 – Sorted by Name

ID #	Gage Name	Installed	T-R-S	Latitude	Longitude	Elev.	Page #s
4818	10th Street Wash Basin #1	11/26/96	3N-3E-28	33 34 47	112 03 14	1150	1:31; 2:8, 3:8
4813	ACDC @ 14th St.	2/9/94	2N-3E-4	33 32 31	112 02 35	1230	1:30
4808	ACDC @ 36th St.	2/24/94	2N-3E-13	33 30 49	111 59 56	1260	1:29
4823	ACDC @ 43rd Ave.	11/14/90	3N-2E-22	33 35 03	112 09 16	1225	1:32, 33
5523	ACDC @ 67th Ave.	6/7/90	3N-1E-12	33 37 26	112 12 10	1220	1:67, 68
5538	Adobe Dam Outlet	10/28/82	4N-2E-21	33 40 37	112 09 12	1413	1:69
5539	Adobe Dam Pool	10/28/82	4N-2E-21	33 40 37	112 09 12	1413	2:19; 3:18
5403	Agua Fria @ Buckeye	10/12/88	1N-1W-14	33 26 05	112 19 55	940	1:57
5503	Agua Fria @ Grand Ave.	4/27/94	3N-1E-18	33 36 26	112 18 16	1125	1:64
6673	Apache Junction FRS	12/16/81	1N-8E-8	33 26 28	111 33 07	1989	1:90; 2:31; 3:30
5988	Aspen Dam	1/2/97	3N-6E-4	33 37 34	111 44 41	1840	1:80; 2:25; 3:24
4688	Berneil Wash	7/30/98	3N-4E-34	33 34 01	111 56 17	1320	1:24
5203	Buckeye FRS #1	7/26/83	1N-5W-3	33 27 31	112 45 02	1097	1:46; 2:13; 3:12
5208	Buckeye FRS #2	11/11/92	1N-3W-07	33 26 26	112 35 47	1150	1:47; 2:14; 3:13
6813	Buckeye FRS #3	11/23/92	1N-3W-10	33 26 49	112 33 20	1200	1:97; 2:36; 3:35
7133	Casandro Dam	8/15/96	7N-5W-11	33 57 57	112 45 01	2163	1:114; 2:38; 3:37
7093	Casandro Wash	7/12/94	7N-5W-10	33 57 44	112 45 55	2240	1:112
4903	Cave Buttes Outlet	1/25/84	4N-3E-15	33 42 58	112 02 43	1649	1:37
4904	Cave Buttes Pool	1/25/84	4N-3E-15	33 42 58	112 02 43	1649	2:9; 3:9
4918	Cave Cr. nr Cave Cr.	5/27/94	5N-3E-12	33 47 28	112 00 05	1800	1:38
4923	Cave Cr.@ Spur Cross	6/16/93	6N-4E-04	33 53 05	111 57 17	2280	1:39
4833	Cave Creek @ Cactus	6/27/91	3N-2E-13	33 35 59	112 06 39	1280	1:34, 35
5093	Centennial @ Wenden	9/16/98	6N-12W-32	33 49 30	113 31 55	1860	1:41
5103	Centennial Railroad	2/9/90	1S-6W-28	33 18 35	112 52 56	850	1:42
5408	Colter @ El Mirage	6/29/94	2N-1W-13	33 30 28	112 19 24	1025	1:58
5013	Columbus Wash	9/22/99	4S-10W-06	33 06 27	113 19 57	685	1:40
6623	Crossroads Park Basin	12/18/95	1S-6E-21	33 19 39	111 44 40	1270	2:29; 3:28
4803	Dreamy Draw Dam	1/24/84	3N-3E-34	33 33 45	112 01 54	1407	1:28; 2:7; 3:7
5423	Dysart Chnl @ El Mirage	3/7/97	2N-1W-1	33 32 36	112 19 24	1023	1:61
5413	Dysart Drain @ LAFB	8/22/96	2N-1W-03	33 32 38	112 20 59	1090	1:59
4648	East Fork CC #1	3/2/94	4N-3E-23	33 40 11	112 01 29	1515	1:17; 2:3; 3:3
4683	East Fork CC #3	9/13/94	4N-3E-34	33 38 45	112 02 19	1456	1:23; 2:6; 3:6
4658	East Fork CC #4	1/18/94	4N-3E-25	33 38 55	112 00 35	1456	1:19; 2:5; 3:5
4668	EFCC nr 7th Ave.	5/21/97	3N-3E-5	33 37 40	112 04 49	1325	1:20, 21
6598	EMF @ Arizona Ave.	2/10/89	3S-5E-15	33 09 57	111 49 56	1214	1:87
6573	EMF @ Broadway	8/10/89	1N-6E-26	33 24 21	111 42 42	1349	1:85
6583	EMF @ Queen Creek Rd.	1/18/89	2S-6E-15	33 15 50	111 43 35	1317	1:86
6893	Estrella Fan	4/30/93	2S-1W-12	33 16 02	112 18 53	1425	1:103
7083	Flying E Wash	7/12/94	7N-5W-09	33 57 44	112 46 55	2302	1:110, 111
6608	Freestone Park Basin	12/19/95	1S-6E-8	33 21 28	111 46 19	1450	2:28; 3:27
6848	Gila @ 116th Ave.	12/16/98	1N-1W-36	33 23 24	112 18 28	940	1:101
6853	Gila @ Estrella Pkwy.	12/2/92	1N-1W-31	33 23 19	112 23 33	900	1:102
778	Gila @ Maricopa Rd	4/9/95	3S-3E-13	33 10 19	112 00 20	1120	1:2
783	Gila R. @ Olberg	4/12/95	4S-6E-12	33 05 15	111 41 11	1290	1:3
5978	Golden Eagle Park Dam	12/12/96	3N-6E-10	33 37 08	111 44 04	1722	1:78; 2:23: 3:22

Flood Control District of Maricopa County

ALERT System Water Level Sensors WY 1999 – Sorted by Name

ID #	Gage Name	Installed	T-R-S	Latitude	Longitude	Elev.	Page #s
793	Greene Wash @ SR 84	3/23/94	7S-4E-21	32 52 48	111 56 01	1350	1:5
6603	Guadalupe Channel	8/07/98	1S-7E-6	33 21 55	111 40 32	1345	1:88
6503	Guadalupe FRS	6/29/89	1S-4E-5	33 22 16	111 58 10	1250	1:82; 2:27; 3:26
5128	Harquahala FRS	3/1/94	2N-8W-05	33 32 56	113 05 47	1420	1:44; 2:12; 3:11
7063	Hartman Wash	7/6/94	7N-5W-12	33 57 45	112 49 42	2488	1:109
5308	Hassy R. @ Box Canyon	11/17/83	8N-4W-7	34 02 41	112 42 32	2245	1:54, 55
5283	Hassy R. @ I-10	11/9/94	1N-5W-03	33 27 27	112 45 43	1035	1:53
5228	Hassy R. @ US 60	3/14/94	7N-5W-12	33 58 13	112 43 31	2035	1:49, 50
5353	Hassy R. @ Wagoner Rd.	9/26/91	11N-3W-9	34 18 38	112 34 05	3785	1:56
5223	Hassy R. nr Morristown	5/7/96	6N-4W-03	33 53 05	112 39 42	1830	1:48
5993	Hesperus Dam	12/18/96	3N-6E-4	33 38 11	111 44 44	1894	1:81; 2:26; 3:25
4613	IBW @ Indian Bend Rd.	9/28/83	2N-4E-11	33 32 01	111 54 48	1280	1:10
4618	IBW @ Indian School Rd	11/25/97	2N-4E-23	33 29 42	111 54 38	1235	1:11
4623	IBW @ Interceptor	4/21/94	2N-4E-12	33 32 00	111 53 55	1280	1:12
4628	IBW @ McDonald	11/24/97	2N-4E-11	33 31 26	111 54 33	1262	1:13
4693	IBW @ Shea	6/9/98	3N-4E-29	33 34 55	111 58 03	1350	1:25, 26
4643	IBW @ Sweetwater	12/27/90	3N-3E-13	33 36 15	112 00 18	1400	1:15,16
4603	IBW nr McKellips Rd.	5/21/85	1N-4E-11	33 26 58	111 54 58	1187	1:9
4678	Lake Marguerite	11/25/97	3N-4E-36	33 33 49	111 53 56	1325	1:22
7013	Martinez Creek	11/23/94	8N-5W-17	34 01 44	112 47 30	2300	1:107
5448	McMicken Dam	3/24/83	4N-2W-24	33 40 38	112 25 23	1361	1:63; 2:18; 3:17
5438	McMicken Floodway	9/3/92	4N-1E-18	33 41 04	112 24 24	1337	1:62
5598	New River @ Bell Rd.	4/4/90	3N-1E-3	33 38 18	112 14 27	1200	1:74
5508	New River @ Glendale	3/21/90	3N-1E-8	33 32 14	112 17 00	1050	1:65, 66
5613	New River Outlet	4/15/86	5N-1E-35	33 44 09	112 13 31	1498	1:75
5614	New River Pool	4/15/86	5N-1E-35	33 44 09	112 13 31	1498	2:20; 3:19
5983	North Heights Dam	10/11/96	3N-6E-9	33 37 17	111 44 52	1819	1:79; 2:24; 3:23
4748	Old X-cut @ McDowell	7/27/94	1N-4E-06	33 27 56	111 58 48	1250	1:27
7113	Powder House Wash	5/18/95	7N-4W-06	33 58 50	112 42 59	2120	1:113
6683	Powerline FRS	12/3/92	1S-8E-9	33 21 22	111 32 14	1580	1:91; 2:32; 3:31
6707	Queen Ck @ Rittenhouse	9/14/93	2S-7E-25	33 13 50	111 35 41	1400	1:94
6723	Queen Creek at CAP	1/14/99	2S-8E-26	33 12 22	111 30 15	1565	1:95
4863	Rawhide Wash	7/26/99	5N-4E-36	33 44 27	111 53 55	2205	1:36
6703	Rittenhouse FRS	9/27/88	2S-8E-2	33 17 22	111 29 49	1580	1:93; 2:34; 3:33
5113	Saddleback FRS	12/16/88	2N-10W-34	33 27 55	113 04 21	1177	1:43; 2:11; 3:10
4523	Salt R. @ Priest Dr.	12/7/93	1N-4E-17	33 26 00	111 57 43	1133	1:7
788	Santa Cruz @ SR 84	3/16/94	7S-5E-21	32 52 47	111 49 43	1311	1:4
798	Santa Rosa @ SR 84	3/16/94	7S-4E-20	32 52 49	111 56 46	1305	1:6
6923	Sauceda Wash	2/28/90	6S-5W-4	32 52 27	112 44 57	726	1:104
5543	Scatter Wash	9/18/96	4N-2E-27	33 40 09	112 08 25	1340	1:70
6628	Signal Butte FRS	11/10/87	1N-7E-12	33 26 25	111 35 25	1650	1:89; 2:30; 3:29
5583	Skunk Cr. nr New R.	6/21/95	7N-3E-29	33 55 34	112 04 56	1854	1:72, 73
5568	Skunk Creek @ I-17	10/26/89	5N-2E-35	33 43 47	112 07 21	1475	1:71
7043	Sols Wash nr Matthie	8/4/95	8N-5W-32	33 59 14	112 47 33	2220	1:108
6563	South Mountain Fan	6/9/93	1S-2E-26	33 18 56	112 07 59	1420	1:83, 84

Flood Control District of Maricopa County

ALERT System Water Level Sensors WY 1999 – Sorted by Name

ID #	Gage Name	Installed	T-R-S	Latitude	Longitude	Elev.	Page #s
4563	Spookhill FRS	3/13/84	2N-7E-31	33 28 01	111 40 48	1595	1:8; 2:2; 3:2
5968	Stoneridge Dam	12/11/96	3N-6E-22	33 35 41	111 43 57	1710	1:76; 2:21; 3:20
5248	Sunnycove FRS	7/31/86	7N-5W-11	33 57 25	112 44 24	2200	1:52; 2:16; 3:15
5973	Sunridge Canyon Dam	2/4/97	3N-6E-16	33 36 23	111 45 01	1932	1:77; 2:22; 3:21
5233	Sunset FRS	2/12/89	7N-5W-11	33 57 50	112 44 33	2100	1:51; 2:15; 3:14
769	Tat Momolikot Dam	1/21/98	9S-4E-30	32 30 46	111 57 06	1540	1:1; 2:1; 3:1
4653	Tatum Wash Basin	5/8/98	3N-4E-30	33 34 57	111 58 58	1394	1:18; 2:4, 3:4
4638	Tatum Wash Basin Inflow	5/6/98	3N-4E-30	33 34 54	111 59 01	1397	1:14
5163	Tiger Wash	9/15/99	5N-10W-26	33 45 30	113 16 43	1960	1:45
6983	Vekol Wash	3/7/90	7S-1E-3	32 50 30	112 14 58	1720	1:105, 106
6688	Vineyard FRS	11/2/83	1S-8E-9	33 21 10	111 32 06	1582	1:92; 2:33; 3:32
6833	Waterman at Rainbow	3/18/99	2S-2W-14	33 15 40	112 26 38	1085	1:99,100
5418	White Tanks 3	3/12/86	2N-2W-9	33 32 01	112 28 14	1190	1:60; 2:17; 3:16
6823	White Tanks 4	1/9/86	1N-2W-5	33 27 04	112 29 40	1044	1:98; 2:37; 3:36
6739	Whitlow Ranch Dam	1/8/98	1S-10E-36	33 17 55	111 16 35	2199	1:96; 2:35; 3:34

SUMMARY OF SIGNIFICANT STREAMFLOW EVENTS

Water Year 1999 began quietly with few storm events during the winter period, but picked up during the summer monsoon season.

The winter season was heavily influenced by the effects of a strong La Niña. With the exception of events in late October (25th and 30th) and early April, the winter season was quiet. There were a few small events in November, December, February, and March. However, none produced any significant streamflow or impoundment.

The summer monsoon proved to be quite active. Monsoon season started early, officially June 25 according to the National Weather Service office in Phoenix. The first storms occurred July 6, 7, and 8. South Mountain was especially hard hit on July 7. The gage at South Mountain Fan site (#6563) had the highest recorded streamflow to date. Many gage sites throughout the valley recorded small flows and/or impoundments during this first round of storms. A major weather disturbance occurred July 14th and 15th that brought heavy rain, and in many cases, significant runoff and impoundment.

Several other notable localized events occurred during the summer. On July 25, significant rainfall hit the Hassayampa River watersheds above Wickenburg. Martinez Creek (#7013) had it's highest recorded streamflow. On August 27, a very concentrated event occurred in west-central Phoenix causing severe localized flooding. The Papago drain along I-10 discharged a significant flow into the Agua Fria River which was recorded by the gage at Buckeye Road (#5403.) On August 31, a storm moved into the Wickenburg area and caused several high (for the year) impoundments at Sunset Dam (#5232, 5233), Sunnycove Dam (#5247, 5248), and Casandro Dam (#7132, 7133.) The Hassayampa River had its peak for the Water Year during this event at several gaging stations, (see #5308, and #5228.)

The significant flows and/or impoundments recorded by the FCDMC for Water Year 1999 are summarized in the following table.

Maximum Flows and Impoundments for Water Year 1999 at Selected FCDMC Water Level Sensor Locations

Location	Discharge (cfs)	Stage (feet)	Contents (ac-ft)	Contents (%full)	Date
ACDC @ 43rd Ave	1,395	1.95	---	---	7/7/1999
ACDC @ 67th Ave	650	4.00	---	---	7/14/1999
Adobe Dam	508	4.50	134	0.7	7/15/1999
Agua Fria at Buckeye Road	1,477	1.42	---	---	8/27/1999
Berneil Wash	447	1.73	---	---	7/14/1999
Casandro Dam	15	6.47	10.3	7.2	8/31/1999
Cave Buttes Dam	199	16.95	482	1.0	7/15/1999
East Fork Cave Creek near 7th Avenue	847	4.45	---	---	7/14/1999
Flying E Wash	444	2.38	---	---	7/15/1999
Hassayampa River at Box Canyon	5,650	9.20	---	---	8/31/1999
Hassayampa River at US 60	3,360	0.88	---	---	8/31/1999
Indian Bend Wash at Indian School Road	658	3.28	---	---	7/14/1999
Indian Bend Wash at Shea Boulevard	1,247	2.50	---	---	9/19/1999
Martinez Creek	8,569	5.70	---	---	7/25/1999
New River at Glendale Ave.	1,525	1.55	---	---	7/15/1999
Skunk Creek near New River	949	3.95	---	---	7/15/1999
Sols Wash near Matthie	528	0.80	---	---	7/18/1999
South Mountain Fan	749	2.75	---	---	7/7/1999
Vekol Wash	925	4.28	---	---	9/23/1999
Waterman at Rainbow Valley Road	1,320	7.69	---	---	8/31/1999

DATA PRESENTATION

The following three section present the data collected by the Flood Control District ALERT system. The data is broken into three parts. The first part is Surface Water Streamflow data. This section contains data from free-flowing stream sites and discharges from dams and detention basins. The second section contains Pool Level data from storage structures, both dams and basins. Recorded levels are highlighted in bold italic typeface, so as to allow the data to be more easily identified. The third section presents Storage Volume data for both dams and basins. The data are in acre-feet of storage volume.

In the tables where there are dashes - - - for a particular date or dates, the gage was down. Typically a gage is down when the gage itself fails, or a transmitter or repeater fails. In the case of transmitter failure or repeater failure, data for that date is available by manual download. However, when no event has occurred, the data will typically not be retrieved from the device.

SURFACE WATER STREAMFLOW DATA

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 768 **Name:** Tat Momolikot Dam
Drainage Area: 1,780 mi^2
Period of Record: January 21, 1998 – current year
Discharge, in cfs, Water Year October 1998 to September 1999

Refer to the U.S. Army Corps of Engineers, Los Angeles District for official data at this site.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 778 **Name:** Gila @ Maricopa Rd
Drainage Area: 19, 915 mi^2
Period of Record: FCDMC October 1, 1998 – current year
USGS: Gage number 09479350
Discharge, in cfs, Water Year October 1998 to September 1999

Peak flows of interest during Water Year 1999

Day	Peak Discharge (cfs)
Jul. 7	27

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7										5		
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												
TOTAL	0	0	0	0	0	0	0	0	0	5	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	0	0	0	0	0	0	27	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	0	0	0	11	0	0

WTR YR 1999 TOTAL 5 MEAN 0 MAX 27 MIN 0 AC_FT 11

NOTE: USGS maintains a gage at this site in cooperation with ADOT. See USGS gage# 09479350.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 783 **Name:** Gila @ Olberg
Drainage Area: 18,674 mi^2
Period of Record: October 1, 1998 – current year*
Discharge, in cfs, Water Year October 1998 to September 1999

Peak flow of interest during Water Year 1999

Day	Peak Discharge (cfs)
Jul. 23	678

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												1
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23										27		
24												
25												
26												
27												
28												
29												
30												
31												
TOTAL	0	0	0	0	0	0	0	0	0	27	0	1
MEAN	0	0	0	0	0	0	0	0	0	1	0	0
MAX	0	0	0	0	0	0	0	0	0	678	0	46
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	0	0	0	53	0	3

WTR YR 1999 TOTAL 28 MEAN 0 MAX 678 MIN 0 AC_FT 56

***USGS maintained a gage at this site prior to October 1, 1998 (09478350)**

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 788 **Name:** Santa Cruz @ SR 84
Drainage Area: Undetermined
Period of Record: March 16, 1994 to current year
Discharge, in cfs, Water Year October 1998 to September 1999

Peak flows of interest during Water Year 1999

Day	Peak Discharge (cfs)
Aug. 31	115

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1											9	20
2											24	
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20										4		
21										1		
22												
23										1		
24												
25												
26												
27												
28												
29										1		
30										28		
31											31	
TOTAL	0	0	0	0	0	0	0	0	0	35	65	20
MEAN	0	0	0	0	0	0	0	0	0	1	2	1
MAX	0	0	0	0	0	0	0	0	0	62	115	80
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	0	0	0	70	129	40

WTR YR 1999 TOTAL 120 MEAN 0 MAX 115 MIN 0 AC_FT 239

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 793 **Name:** Greene Wash @ SR 84
Drainage Area: Undetermined
Period of Record: March 23, 1994 to current year
Discharge, in cfs, Water Year October 1998 to September 1999

No recorded flow during Water Year 1999

TOTAL	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	0	0	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 1999 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 798 **Name:** Santa Rosa @ SR 84
Drainage Area: Undetermined (1,780 mi^2 are controlled by Tat Momolikot Dam)
Period of Record: March 16, 1994 to current year
Discharge, in cfs, Water Year October 1998 to September 1999

Peak flows of interest during Water Year 1999

Day	Peak Discharge (cfs)
Jul. 8	576

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7										28		
8										381		
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												
TOTAL	0	0	0	0	0	0	0	0	0	409	0	0
MEAN	0	0	0	0	0	0	0	0	0	13	0	0
MAX	0	0	0	0	0	0	0	0	0	576	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	0	0	0	812	0	0

WTR YR 1999 TOTAL 409 MEAN 1 MAX 576 MIN 0 AC_FT 812

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 4523 **Name:** Salt R. @ Priest Dr
Drainage Area: 13,223 mi^2

See *USGS Water-Data Report AZ-99-1* for data for this site.

Flood Flow Frequency (source: Table 2-4 from ***Study form Modified Roosevelt Dam***)				
Magnitude and Probability of Instantaneous Peak Flow				
Discharge, in cfs, for Indicated Recurrence Interval				
5-year	**10-year**	**20-year**	**50-year**	**100-year**
20,500	**55,000**	**90,000**	**140,000**	**169,000**

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 4563 **Name:** Spookhill FRS
Drainage Area: 13.6 mi^2
Period of Record: November 1987 to current year
Discharge, in cfs, Water Year October 1998 to September 1999

One flow event during Water Year 1999

Day	Peak Discharge (cfs)
Sep. 14	4

TOTAL	0	0	0	0	0	0	0	0	0	0	0	1
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	0	0	0	0	0	0	0	0	4
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	0	0	0	0	0	3

WTR YR 1999 TOTAL 1 MEAN 0 MAX 4 MIN 0 AC_FT 3

***Outflow controlled by gated outlet below 11.5 feet gage height.**

See also Pool Level and Storage Volume data.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 4603 **Name:** IBW @ McKellips Rd.
Drainage Area: 101 mi^2
Period of Record: November 1987 to current year
Discharge, in cfs, Water Year October 1998 to September 1999

Peak flows of interest during Water Year 1999

Day	Peak Discharge (cfs)	Day	Peak Discharge (cfs)
Jul. 15	320	Jul. 7	284
Oct. 26	240	Sep. 19	144
Sep. 20	114		

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2		1					22					
3		1					30					
4		1					12					
5							3					
6		1										
7			1							9		
8										9		
9												
10												
11												
12												
13												
14		1								4		
15		2								182		
16		2								43		
17		2								1		
18		2										
19		1										41
20		1										77
21												34
22												7
23												
24												
25	2											
26	72											
27	7										2	
28	1											
29	1	1										
30	1											
31	2											
TOTAL	86	19	1	0	0	0	67	0	0	248	3	158
MEAN	3	1	0	0	0	0	2	0	0	8	0	5
MAX	240	14	1	0	0	0	34	0	0	320	65	144
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	171	38	1	0	0	0	133	0	0	492	5	313

WTR YR 1999 TOTAL 582 MEAN 2 MAX 320 MIN 0 AC_FT 1154

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 4613 **Name:** IBW @ Indian Bend
Drainage Area: 88 mi^2 (approximate; includes area of Interceptor Channel)
Period of Record: USGS: 1961 – 1984; FCDMC: November 1987 to current year
Discharge, in cfs, Water Year October 1998 to September 1999

Peak flows of interest during Water Year 1999

Day	Peak Discharge (cfs)	Day	Peak Discharge (cfs)
Apr. 2	285	Oct. 31	128

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1											---	---
2							97				---	---
3							15				---	---
4											---	---
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	45									---	---	---
TOTAL	45	0	0	0	0	0	112	0	0	0	---	---
MEAN	1	0	0	0	0	0	4	0	0	0	---	---
MAX	128	0	0	0	0	0	285	0	0	0	---	---
MIN	0	0	0	0	0	0	0	0	0	0	---	---
AC_FT	89	1	0	0	0	0	222	0	0	0	---	---

WTR YR 1999 TOTAL 157 MEAN 0 MAX 285 MIN 0 AC_FT 312

NOTE: Gage was removed for construction from July 29 through September, 1999.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 4618 **Name:** IBW @ Indian School
Drainage Area: 90 mi^2 (approximate)
Period of Record: November 25, 1997 to current year
Discharge, in cfs, Water Year October 1998 to September 1999

Peak flows of interest during Water Year 1999

Day	Peak Discharge (cfs)	Day	Peak Discharge (cfs)
Jul. 14	658	Jul. 15	324
Sep. 19	214		

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												1
2							14					
3							1					
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14										65		
15										117		
16												
17												
18												
19												10
20												35
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31											4	
TOTAL	0	0	0	0	0	0	15	0	0	182	4	46
MEAN	0	0	0	0	0	0	1	0	0	6	0	2
MAX	0	0	0	0	0	0	72	0	0	658	59	214
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	31	0	0	361	9	91

WTR YR 1999 TOTAL 247 MEAN 1 MAX 658 MIN 0 AC_FT 491

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 4623 **Name:** IBW Interceptor
Drainage Area: 35 mi^2
Period of Record: April 21, 1994 to current year
Discharge, in cfs, Water Year October 1998 to September 1999

No recorded flows during Water Year 1999

TOTAL	0	0	0	0	0	0	0	0	0	0	---	---
MEAN	0	0	0	0	0	0	0	0	0	0	---	---
MAX	0	0	0	0	0	0	0	0	0	0	---	---
MIN	0	0	0	0	0	0	0	0	0	0	---	---
AC_FT	0	0	0	0	0	0	0	0	0	0	---	---

WTR YR 1999 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

NOTE: Gage was removed for construction from July 8 through September 30, 1999.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 4628 **Name:** IBW @ McDonald
Drainage Area: 88 mi^2 (approximate)
Period of Record: November 24, 1997 to current year
Discharge, in cfs, Water Year October 1998 to September 1999

Peak flows of interest during Water Year 1999*

Day	Peak Discharge (cfs)	Day	Peak Discharge (cfs)
Jul. 14	677	Sep. 20	412
Jul. 15	118		

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2							32					
3							27					
4												
5												
6												
7										8		
8										3		
9												
10												
11												
12												
13												
14										88		
15										71		
16										12		
17												
18												
19												13
20												111
21												30
22												
23												
24												
25												
26												
27												
28												
29												
30												
31	3											
TOTAL	3	0	0	0	0	0	59	0	0	182	0	154
MEAN	0	0	0	0	0	0	2	0	0	6	0	5
MAX	17	0	0	0	0	0	80	0	0	677	0	412
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	5	0	0	0	0	0	117	0	0	360	0	305

WTR YR 1999 TOTAL 397 MEAN 1 MAX 677 MIN 0 AC_FT 788

***NOTE: Golf course construction immediately upstream from the gage may have impacted flows and/or the discharge rating from July through September. Any changes to the data resulting from evaluation of the channel after construction will be made in the Water Year 2000 report.**

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 4638 **Name:** Tatum Basin Inflow
Drainage Area: 2.17 mi^2
Period of Record: May 6, 1998 to current year
Discharge, in cfs, Water Year October 1998 to September 1999

One flow event during Water Year 1999

Day	Peak Discharge (cfs)
Jul. 14	41

TOTAL	0	0	0	0	0	0	0	0	0	2	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	0	0	0	0	0	0	41	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	0	0	0	4	0	0

WTR YR 1999 TOTAL 2 MEAN 0 MAX 41 MIN 0 AC_FT 4

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 4643 **Name:** IBW @ Sweetwater
Drainage Area: 9.2 mi^2
Period of Record: December 27, 1990 to current year*
Discharge, in cfs, Water Year October 1998 to September 1999

Peak flows of interest during Water Year 1999

Day	Peak Discharge (cfs)	Day	Peak Discharge (cfs)
Feb. 5	460	Apr. 8**	343
Apr. 5	343**	Apr. 2**	292
Feb. 6	211	Sep. 19	201

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	2				1					
2	---	---	4				115					
3	---	---	2				73					
4	---	---	2				83					
5	---	---	3		100		72				1	
6	---	---	7		41		62				7	
7	---	---	4		6		54			1		
8	---	---	1		1		24			1		
9	---	---										
10	---	---										
11	---	---										
12	---	---										
13	---	---										1
14	---	---								14		
15	---	---	1							3		
16	---	---				22						
17	---	---				43						
18	---					30				5		
19	---					21				8		13
20	---					10						5
21	---					5						
22	---					1						
23	---									5		
24	---									25		
25	---											
26	---	1										
27	---	2									14	
28	---	2									2	
29	---	5								4		
30	---	7								3		
31	---											
TOTAL	---	1122	26	0	148	133	484	0	0	74	23	18
MEAN	---	37	1	0	5	4	16	0	0	2	1	1
MAX	---	46	22	0	460	71	343	0	0	159	102	201
MIN	---	0	0	0	0	0	0	0	0	0	0	0
AC_FT	---	2226	51	0	294	263	959	0	0	146	46	36

WTR YR 1999 TOTAL 2028 MEAN 9 MAX 460 MIN 0 AC_FT 4022

***NOTE: The gage was down due to construction from October 1, 1998 to November 17, 1998. The gage was installed on November 18, 1998. The gage was moved from the Sweetwater Road bridge to the 36th Street bridge, approximately 500 feet downstream.**

****Construction activities were continuing during the April events, causing water to pond at the gage. Data for this event may be overestimated.**

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 4643 **Name:** IBW @ Sweetwater
Drainage Area: 9.2 mi^2
Period of Record: December 27, 1990 to current year
Discharge, in cfs, Water Year October 1998 to September 1999

Flood Flow Frequency (source: FEMA Sept. 1995)		
Magnitude and Probability of Instantaneous Peak Flow		
Discharge, in cfs, for Indicated Recurrence Interval		
10-year	**50-year**	**100-year**
2,000	**3,500**	**6,000**

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 4648 **Name:** E.Fork CC #1
Drainage Area: 1.18 mi^2
Period of Record: March 2, 1994 to current year
Discharge, in cfs, Water Year October 1998 to September 1999

Only three flow events during Water Year 1999

Day	Peak Discharge (cfs)	Day	Peak Discharge (cfs)
Jul. 15	15	Oct. 30	14
Jul. 18	11		

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14										1		
15										1		
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30	1											
31												
TOTAL	1	0	0	0	0	0	0	0	0	3	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	14	0	0	0	0	0	0	0	0	15	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	1	0	0	0	0	0	0	0	0	5	0	0

WTR YR 1999 TOTAL 3 MEAN 0 MAX 15 MIN 0 AC_FT 6

See also Pool Level and Storage Volume Data

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 4653 **Name:** Tatum Basin Outflow
Drainage Area: 2.17 mi^2
Period of Record: May 8, 1998 to current year
Discharge, in cfs, Water Year October 1998 to September 1999

No recorded flow during Water Year 1999

TOTAL	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	0	0	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 1999 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

See also Pool Level and Storage Volume Data

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 4658 **Name:** E.Fork CC #4
Drainage Area: 0.68 mi^2
Period of Record: January 18, 1994 to current year
Discharge, in cfs, Water Year October 1998 to September 1999

Peak flows of interest during Water Year 1999

Day	Peak Discharge (cfs)	Day	Peak Discharge (cfs)
Jul. 14	71	Jul. 18	41

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1											1	1
2			2				6				1	1
3			1				1				1	
4							2					
5					2		2				1	
6			1		2		1			1	3	
7			1		1		1			2	2	
8										2	1	
9										1	1	
10											1	
11												
12												
13												
14										8		2
15			2							4		2
16			1			2				2		1
17			1			3				1		
18										6	1	
19										3	2	1
20										1	1	2
21										1	1	1
22										2	1	1
23										5		2
24										3		2
25	2									2		1
26	3									2		1
27										1	3	
28		1								1	2	
29		1								3	2	
30	4									2	2	
31	1									2	1	
TOTAL	9	3	10	0	5	5	14	0	0	54	31	20
MEAN	0	0	0	0	0	0	0	0	0	2	1	1
MAX	37	10	13	0	37	9	19	0	0	71	37	24
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	19	5	20	0	9	11	28	0	0	107	61	40

WTR YR 1999 TOTAL 151 MEAN 0 MAX 71 MIN 0 AC_FT 300

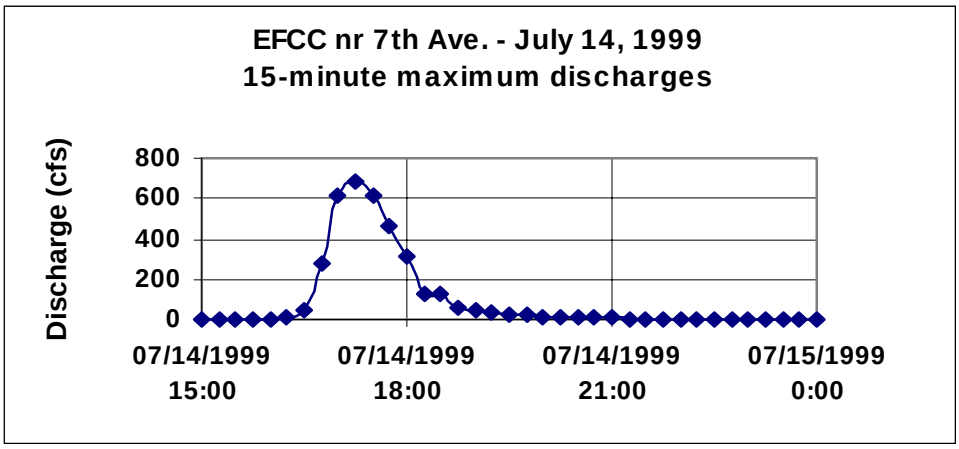
Flood Control District of Maricopa County ALERT System

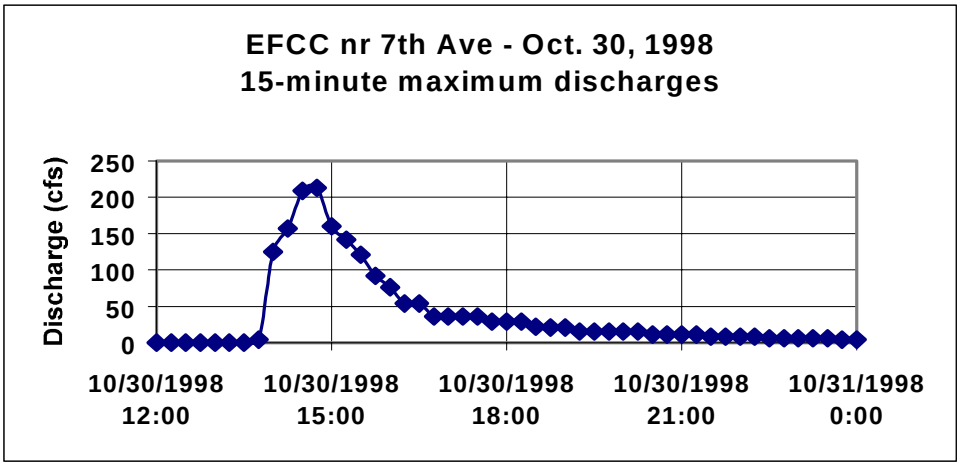
Computation of Continuous Records of Streamflow

Station Number: 4668 **Name:** EFCC nr 7th Avenue
Drainage Area: 14.1 mi^2
Period of Record: May 21, 1997 to current year
Discharge, in cfs, Water Year October 1998 to September 1999

Peak flows of interest during Water Year 1999

Day	Peak Discharge (cfs)	Day	Peak Discharge (cfs)
Jul. 14	682	Oct. 30	213





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Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 4668 **Name:** EFCC nr 7th Avenue
Drainage Area: 14.1 mi^2
Period of Record: May 21, 1997 to current year
Discharge, in cfs, Water Year October 1998 to September 1999

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2			2				5					
3							5					
4							5					
5					1		2					
6			1		1						1	
7												
8												
9												
10												
11												
12												
13												
14										31		
15			1							1		
16												
17												
18												
19												
20												
21												
22												
23										1		
24												
25	3											
26	4											
27											5	
28												
29		2			---							
30	18				---							
31	1	---			---		---		---			---
TOTAL	26	2	4	0	1	0	17	0	0	34	6	0
MEAN	1	0	0	0	0	0	1	0	0	1	0	0
MAX	213	8	9	0	4	0	17	0	0	682	86	4
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	52	4	9	0	3	0	33	0	0	67	12	1

WTR YR 1999 TOTAL 91 MEAN 0 MAX 682 MIN 0 AC_FT 181

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 4678 **Name:** Lake Marguarite
Drainage Area: Undetermined
Period of Record: November 25, 1997 to current year
Discharge, in cfs, Water Year October 1998 to September 1999

Peak flows of interest during Water Year 1999

Day	Peak Discharge (cfs)	Day	Peak Discharge (cfs)
Jul. 14	237	Sep. 19	190
Jul. 7	147		

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7										14		
8										37		
9												
10												
11												
12												
13												
14										32		
15										37		
16												
17												
18												
19												34
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												
TOTAL	0	0	0	0	0	0	0	0	0	119	0	34
MEAN	0	0	0	0	0	0	0	0	0	4	0	1
MAX	0	0	0	0	0	0	0	0	0	237	0	190
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	0	0	0	236	0	68

WTR YR 1999 TOTAL 153 MEAN 0 MAX 237 MIN 0 AC_FT 304

Note: Approximately 60 cfs pass the gage before detection due to the elevation of the instrument.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 4683 **Name:** E.Fork CC #3
Drainage Area: 3.52 mi^2 (1.86 mi^2 controlled by EFCC#1 and EFCC#4)
Period of Record: July 27, 1994 to current year
Discharge, in cfs, Water Year October 1998 to September 1999

Peak flows of interest during Water Year 1999

Day	Peak Discharge (cfs)	Day	Peak Discharge (cfs)
Jul. 14	312	Oct. 30	18
Apr. 5	10		

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5							10					
6							3					
7							3					
8												
9												
10												
11												
12												
13												
14										25		
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30	3											
31												
TOTAL	3	0	0	0	0	0	16	0	0	25	0	0
MEAN	0	0	0	0	0	0	1	0	0	1	0	0
MAX	18	0	0	0	0	0	10	0	0	312	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	6	0	0	0	0	0	32	0	0	50	0	0

WTR YR 1999 TOTAL 44 MEAN 0 MAX 312 MIN 0 AC_FT 88

NOTE: Flows of approximately 2-year and below are passed beneath the detention basin via storm drains.

See also Pool Level and Storage Volume Data

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 4688 **Name:** Berneil Wash
Drainage Area: 9.5 mi^2 (approximate) – significant split flows at Mt. View and 64th Street and Mt. View and Miller Road
Period of Record: July 30, 1998 to current year
Discharge, in cfs, Water Year October 1998 to September 1999

Flows of interest during Water Year 1999

Day	Peak Discharge (cfs)	Day	Peak Discharge (cfs)
Jul. 14	447	Sep. 19	305
Jul. 7	207	Nov. 10	126

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2			1				10					
3							1					
4			2				1					
5			2				1					
6			5							2		
7			4							14		
8			2							1		
9		10										
10												
11												
12												
13												
14										30		
15										1		
16												
17												
18										1		
19										1		20
20												2
21												
22												
23												
24												
25	2											
26												
27											4	
28												
29												
30	6											
31												
TOTAL	8	10	16	0	0	0	13	0	0	51	4	23
MEAN	0	0	1	0	0	0	0	0	0	2	0	1
MAX	64	126	23	0	0	0	50	0	0	447	64	305
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	15	20	32	0	0	0	26	0	0	101	8	45

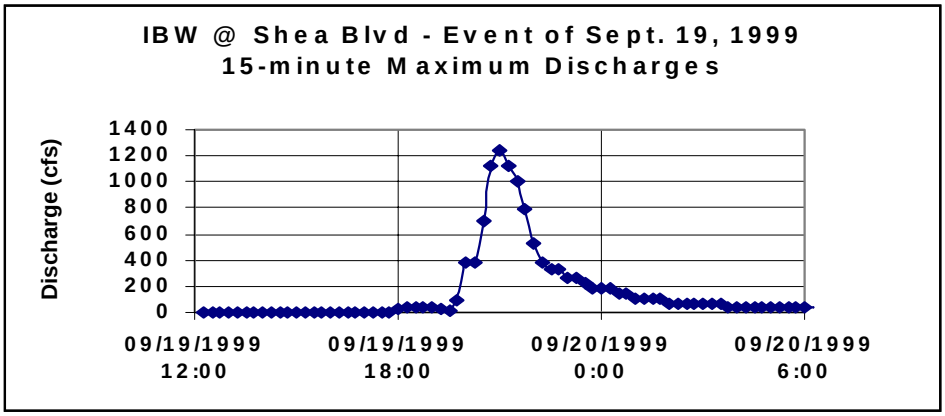
WTR YR 1999 TOTAL 125 MEAN 0 MAX 447 MIN 0 AC_FT 248

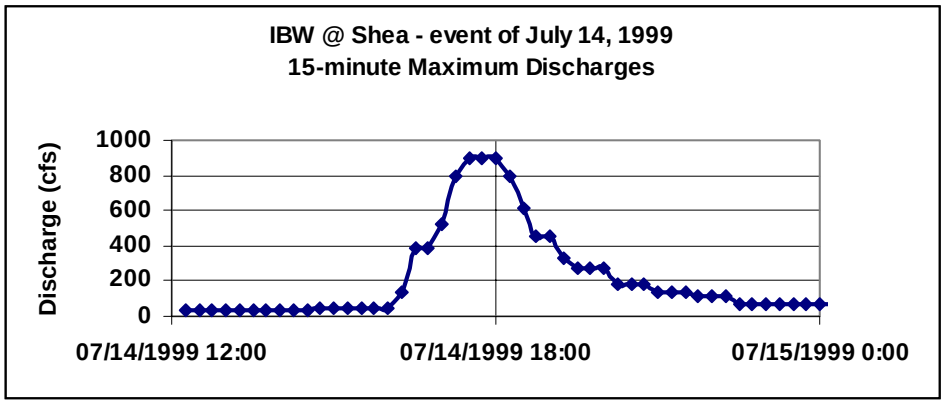
Flood Control District of Maricopa County ALERT System
Computation of Continuous Records of Streamflow

Station Number: 4693 **Name:** IBW @ Shea Blvd.
Drainage Area: 24.6 mi^2
Period of Record: June 9, 1998 to current year
Discharge, in cfs, Water Year October 1998 to September 1999

Flows greater than 250 cfs during Water Year 1999

Day	Peak Discharge (cfs)	Day	Peak Discharge (cfs)
Sep. 19	1,247	Jul. 14	896
Aug. 27	870	Jul. 29	472
Jul. 18	454	Jul. 23 & Aug. 6	297





Flood Flow Frequency (based on HECWRC implementation of Bulletin 17B, n=14 for USGS CSG 09512090, operated by USGS approximately 500 feet upstream of Shea Blvd.)					
Magnitude and Probability of Instantaneous Peak Flow					
Discharge, in cfs, for Indicated Recurrence Interval					
2-year	5-year	10-year	20-year	50-year	100-year
820	1,810	2,730	3,840	5,630	7,260

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Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 4693 **Name:** IBW @ Shea Blvd.
Drainage Area: 24.6 mi^2
Period of Record: June 9, 1998 to current year
Discharge, in cfs, Water Year October 1998 to September 1999

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2			13				51					
3			3									
4							13					
5					8		7					
6			8		15					6	50	
7			3							14	2	
8										22		
9		17										
10												
11												
12												
13										9		
14										123		5
15			3							49		
16						1				2		
17												
18										36		
19										33		99
20												28
21												
22												
23										29		
24										33		
25	10											
26	19											
27											83	
28		2									29	
29		15								87		
30	36									1		
31	8											
TOTAL	73	34	31	0	23	1	71	0	0	443	165	131
MEAN	2	1	1	0	1	0	2	0	0	14	5	4
MAX	189	133	37	0	37	24	245	0	0	896	870	1247
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	145	66	62	0	46	2	141	0	0	878	327	260

WTR YR 1999 TOTAL 972 MEAN 3 MAX 1247 MIN 0 AC_FT 1928

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 4748 **Name:** Old Xcut @ McDowell
Drainage Area: Undetermined
Period of Record: July 27, 1994 to current year
Discharge, in cfs, Water Year October 1998 to September 1999

Peak flows of interest during Water Year 1999

Day	Peak Discharge (cfs)	Day	Peak Discharge (cfs)
Jul. 14	272	Sep. 19	197
Jul. 15	187	Jul. 29	138

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1							30	28				
2							41					
3							26					
4							30					
5							12				3	
6			14								1	
7			4							6		
8							3					
9							34					
10							30					
11							28					
12							30					
13							28					
14							13			20		
15			12				13			32		
16							33					
17							37					
18							37			7		
19							36			14		23
20							36					40
21							33					
22							27					
23							25					
24							34					
25							33					
26	4						34					
27							36				7	
28		1					11					
29		2					1			20		
30	12						16					
31	3					14					14	
TOTAL	19	3	30	0	0	14	748	28	0	99	26	63
MEAN	1	0	1	0	0	0	25	1	0	3	1	2
MAX	71	45	71	0	0	30	115	30	0	272	115	197
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	38	6	59	0	0	28	1483	56	0	197	51	125

WTR YR 1999 TOTAL 1030 MEAN 3 MAX 272 MIN 0 AC_FT 2044

NOTE: Some flows occur as a result of releases by the Salt River Project from the Arizona Canal and by irrigation return water.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 4803 **Name:** Dreamy Draw Dam
Drainage Area: 1.3 mi^2
Period of Record: November 1987 to current year
Revised Records: WY1996, WY1995
Discharge, in cfs, Water Year October 1998 to September 1999

Two flows during Water Year 1999

Day	Peak Discharge (cfs)	Day	Peak Discharge (cfs)
Nov. 9	24	Jul. 14	5*

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1					---							
2					---							
3					---		---					
4					---							
5												
6												
7												
8												
9		1										
10												
11												
12							---					
13							---					
14										1		
15												
16												
17												
18												
19												
20												
21												
22												
23												
24			---									
25			---									
26			---									
27			---									
28			---									
29			---									
30			---	---								
31			---	---								
TOTAL	0	1	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	24	0	0	0	0	0	0	0	5	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	1	0	0	0	0	0	0	0	1	0	0

WTR YR 1999 TOTAL 1 MEAN 0 MAX 24 MIN 0 AC_FT 2

*** Event of July 14 is more likely to have been a small impoundment rather than an actual discharge.**

Also see Pool Level and Storage Volume Data.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 4808 **Name:** ACDC @ 36th St.
Drainage Area: 4.82 mi^2
Period of Record: February 24, 1994 to current year
Discharge, in cfs, Water Year October 1998 to September 1999

Peak flows of interest during Water Year 1999

Day	Peak Discharge (cfs)
Jul. 14	324

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2							2					
3												
4							1					
5												
6			1									
7												
8												
9												
10												
11												
12												
13												
14										28		
15										24		
16										1		
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27											1	
28												
29												
30												
31												
TOTAL	0	0	1	0	0	0	2	0	0	53	1	0
MEAN	0	0	0	0	0	0	0	0	0	2	0	0
MAX	0	0	3	0	0	0	4	0	0	324	3	2
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	2	0	0	0	4	0	0	105	2	1

WTR YR 1999 TOTAL 57 MEAN 0 MAX 324 MIN 0 AC_FT 114

Flood Flow Frequency for inflow to sediment basin (HEC-1 for ACDC ADMS)		
Magnitude and Probability of Instantaneous Peak Flow		
Discharge, in cfs, for Indicated Recurrence Interval		
2-year	10-year	100-year
590	2,510	5,410

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 4813 **Name:** ACDC @ 14th St.
Drainage Area: 10.2 mi^2
Period of Record: February 9, 1994
Discharge, in cfs, Water Year October 1998 to September 1999

Peak flows of interest during Water Year 1999*

Day	Peak Discharge (cfs)
Aug. 27	53

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1									---	---		
2									---	---		
3									---	---		
4									---	---		
5									---	---		
6									---	---		
7									---	---		
8									---	---		
9									---	---		
10									---	---		
11									---	---		
12									---	---		
13									---	---		
14									---	---		
15									---	---		
16									---	---		
17									---	---		
18									---	---		
19								---	---	---		
20								---	---			
21								---	---			
22								---	---			
23								---	---			
24								---	---			
25								---	---			
26								---	---			
27								---	---		6	
28								---	---		7	
29								---	---			
30								---	---			
31								---	---			
TOTAL	0	0	0	0	0	0	0	0	0	0	13	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	0	0	0	0	0	0	0	53	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	0	0	0	0	27	0

WTR YR 1999 TOTAL 13 MEAN 0 MAX 53 MIN 0 AC_FT 27

***The gage was down from May 19 to July 19, 1999. Two known events were missed: July 7 and July 14, 1999. High water marks were not present to verify flows.**

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 4818 **Name:** Tenth Street Wash Basin #1
Drainage Area: 1.21 mi^2
Period of Record: November 26, 1996
Discharge, in cfs, Water Year October 1998 to September 1999

Peak flows of interest during Water Year 1999

Day	Peak Discharge (cfs)	Day	Peak Discharge (cfs)
Sep. 19	22	Aug. 27	14

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7										1		
8												
9												
10												
11												
12												
13												
14										1		
15												
16												
17												
18												
19												3
20												3
21												
22												
23												
24												
25												
26												
27											3	
28											1	
29												
30												
31												
TOTAL	0	0	0	0	0	0	0	0	0	2	5	6
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	3	0	0	0	2	0	3	0	0	7	14	22
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	0	0	0	4	9	12

WTR YR 1999 TOTAL 13 MEAN 0 MAX 22 MIN 0 AC_FT 26

NOTE: Up to 300 cfs may bypass the basin in Tenth Street Wash

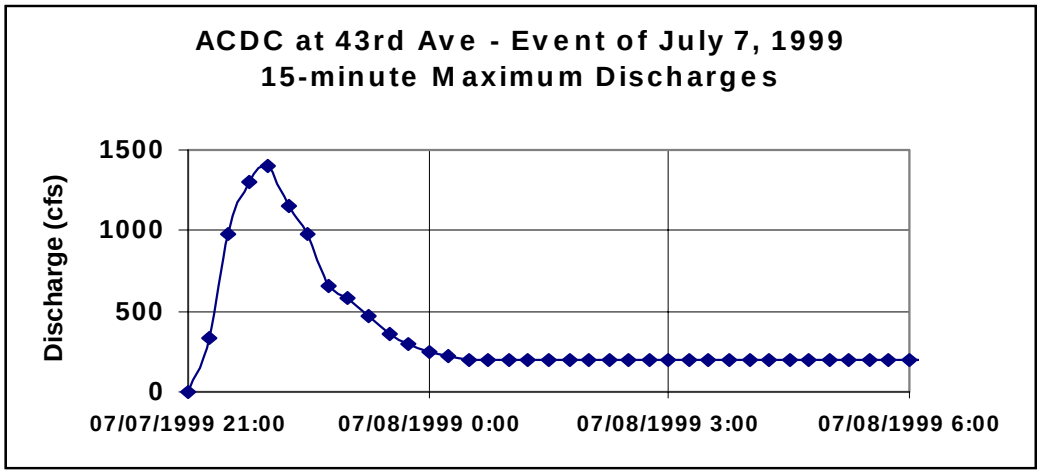
Flood Control District of Maricopa County ALERT System

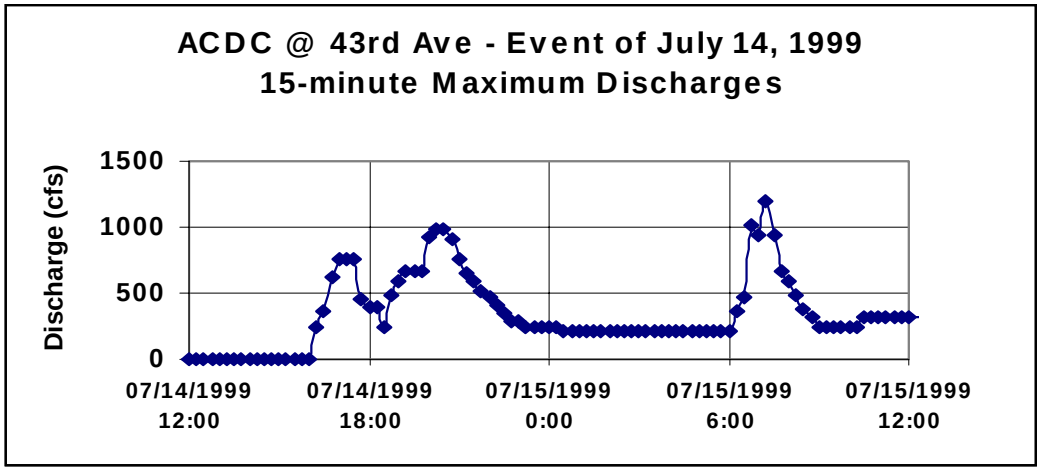
Computation of Continuous Records of Streamflow

Station Number: 4823 **Name:** ACDC @ 43rd Ave.
Drainage Area: 56 mi^2 below Cave Buttes Dam
Period of Record: December 17, 1991 to current year
Revised Records: WY1998:WY1997
Discharge, in cfs, Water Year October 1998 to September 1999

Peak flows of interest during Water Year 1999

Day	Peak Discharge (cfs)	Day	Peak Discharge (cfs)
Jul. 7	1,395	Jul. 15	1,195
Jul. 14	984	Sep. 19	654





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Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 4823 **Name:** ACDC @ 43rd Ave.
Drainage Area: 56 mi^2 below Cave Buttes Dam
Period of Record: December 17, 1991 to current year
Revised Records: WY1998:WY1997
Discharge, in cfs, Water Year October 1998 to September 1999

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5											7	
6										56	106	
7										88		
8										100		
9												
10												
11												
12												
13												
14										179		
15										194		
16												
17												
18												
19												58
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												
TOTAL	0	0	0	0	0	0	0	0	0	617	113	58
MEAN	0	0	0	0	0	0	0	0	0	20	4	2
MAX	0	0	0	0	0	0	0	0	0	1395	347	654
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	0	0	0	1223	224	116

WTR YR 1999 TOTAL 788 MEAN 2 MAX 1395 MIN 0 AC_FT 1563

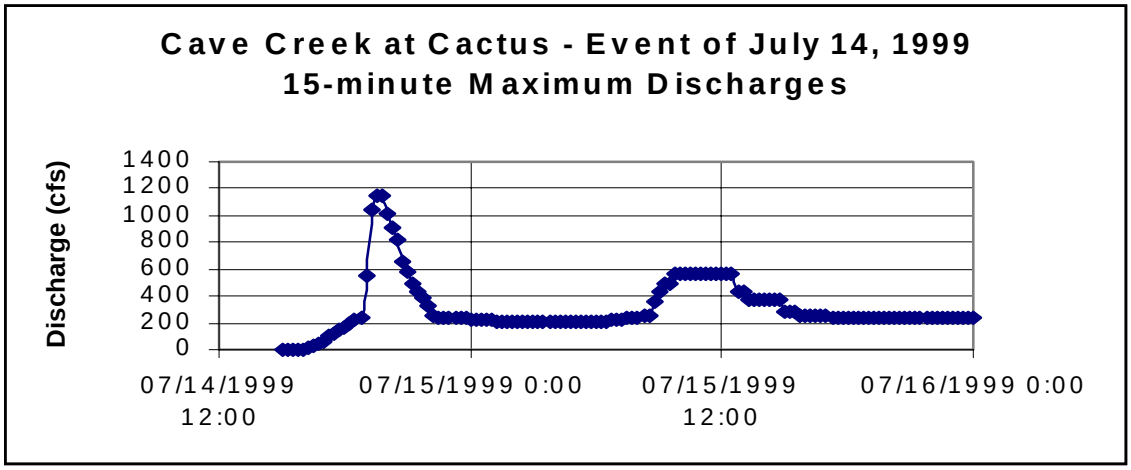
Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 4833 **Name:** Cave Creek @ Cactus
Drainage Area: 33.6 mi^2 below Cave Buttes Dam
Period of Record: June 21, 1991 to current year
Discharge, in cfs, Water Year October 1998 to September 1999

Peak flows of interest in Water Year 1999

Day	Peak Discharge (cfs)	Day	Peak Discharge (cfs)
Jul. 14	1,154	Aug. 27	189
Oct. 31	179		



Flood Flow Frequency for inflow to sediment basin (HEC-1 for ACDC ADMS)		
Magnitude and Probability of Instantaneous Peak Flow		
Discharge, in cfs, for Indicated Recurrence Interval		
2-year	10-year	100-year
2,225	5,750	14,240

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 4833 **Name:** Cave Creek @ Cactus
Drainage Area: 33.6 mi^2 below Cave Buttes Dam
Period of Record: June 21, 1991 to current year
Discharge, in cfs, Water Year October 1998 to September 1999

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1		44	1									
2		6	7				35					
3		2	5				7					
4		1	1				1					
5			1		1							
6			3		6						40	
7			6		3					11	29	
8		1	2		2					86	20	
9		1	1		1					53	8	
10			1		1					28	5	
11			1		1					12	20	
12										3	11	
13											4	
14										133	1	
15			10							297		
16			5							240		
17			2							198		
18			2							80		
19			1							132		7
20			1							104		59
21	1		1							53		3
22	1		1							28		
23										15		1
24										60		
25	1									56		
26	10									35		
27	15									22	26	
28	2	1								10	97	
29	1	1								3	10	
30	46	1										
31	154											
TOTAL	231	60	55	0	16	0	44	0	0	1661	272	69
MEAN	7	2	2	0	1	0	1	0	0	54	9	2
MAX	179	92	22	0	7	0	75	0	0	1154	189	99
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	458	119	109	0	31	0	87	0	0	3295	539	138

WTR YR 1999 TOTAL 2408 MEAN 7 MAX 1154 MIN 0 AC_FT 4776

Note: Receding limbs of hydrographs are greatly affected by clogging of outlet orifice. Therefore, low flows for falling hydrographs may be unrealistically high. See downstream stations 4823 and 5523 for a better representation of the falling limbs. Weir flow begins into main channel above 10 feet gauge height.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 4863 **Name:** Rawhide Wash
Drainage Area: Undetermined
Period of Record: July 27, 1999 to current year
Discharge, in cfs, Water Year October 1998 to September 1999

No recorded flow at this location since installation during Water Year 1999

TOTAL	---	---	---	---	---	---	---	---	---	0	0	0
MEAN	---	---	---	---	---	---	---	---	---	0	0	0
MAX	---	---	---	---	---	---	---	---	---	0	0	0
MIN	---	---	---	---	---	---	---	---	---	0	0	0
AC_FT	---	---	---	---	---	---	---	---	---	0	0	0

WTR YR 1999 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 4903 **Name:** Cave Buttes Outlet
Drainage Area: 191 mi^2 at Cave Buttes Dam
Period of Record: November 1987 to current year
Discharge, in cfs, Water Year October 1998 to September 1999

Peak flows of interest during Water Year 1999

Day	Peak Discharge (cfs)	Day	Peak Discharge (cfs)
Oct. 30	212	Oct. 31	186
Oct. 26	150		

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2							10					
3												
4												
5												
6										5		
7										8		
8										24		
9										7		
10												
11												2
12												3
13												
14										7		
15										23		3
16										23		
17										20		
18										6		
19										23		
20										22		
21										12		
22												
23										11		
24										3		
25												
26	42											
27												
28												
29												
30	74											
31	39											
TOTAL	155	0	0	0	0	0	10	0	0	194	0	8
MEAN	5	0	0	0	0	0	0	0	0	6	0	0
MAX	212	0	0	0	0	0	26	0	0	32	0	26
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	307	0	0	0	0	0	19	0	0	384	0	15

WTR YR 1999 TOTAL 366 MEAN 1 MAX 212 MIN 0 AC_FT 725

Note: This is the outflow from Cave Buttes Dam. See also Pool Level and Storage Volume Data.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 4918 **Name**: Cave Cr nr Cave Cr
Drainage Area: 121 mi^2
Period of Record: USGS ID# 09512300 – 05/17/1958 to 09/30/1967
WY 1968 – WY 1994 – Annual peaks only
FCDMC – May 27, 1994 to current year
Discharge, in cfs, Water Year October 1998 to September 1999

Peak flows of interest during Water Year 1999

Day	Peak Discharge (cfs)	Day	Peak Discharge (cfs)
Jul. 15	393	Oct. 26	306
Jul. 23	291	Jul. 7	271

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7										7		
8												
9												
10												
11												
12												
13												
14												
15										137		
16												
17												
18												
19												
20												
21												
22										10		
23										80		
24												
25												
26	75											
27	7											
28												
29												
30	13											
31	3											
TOTAL	98	0	0	0	0	0	0	0	0	234	0	0
MEAN	3	0	0	0	0	0	0	0	0	8	0	0
MAX	306	0	0	0	0	0	0	0	0	393	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	193	0	0	0	0	0	0	0	0	464	0	0

WTR YR 1999 TOTAL 332 MEAN 1 MAX 393 MIN 0 AC_FT 658

Flood Flow Frequency (based on HECWRC implementation of Bulletin 17B, n = 38)					
Magnitude and Probability of Instantaneous Peak Flow					
Discharge, in cfs, for Indicated Recurrence Interval					
2-year	5-year	10-year	20-year	50-year	100-year
1,420	4,420	7,670	11,900	18,900	25,600

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 4923 **Name:** Cave Cr.@ SpurCross
USGS Station: 09512280
Drainage Area: 121 mi^2
Period of Record: June 13, 1993 to current year

See *USGS Water-Data Report AZ-99-1* for data for this site.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 5013 **Name:** Columbus Wash
Drainage Area: Undetermined
Period of Record: September 22, 1999 to current year
Discharge, in cfs, Water Year October 1998 to September 1999

No recorded flow at this location since installation during Water Year 1999

TOTAL	---	---	---	---	---	---	---	---	---	---	---	0
MEAN	---	---	---	---	---	---	---	---	---	---	---	0
MAX	---	---	---	---	---	---	---	---	---	---	---	0
MIN	---	---	---	---	---	---	---	---	---	---	---	0
AC_FT	---	---	---	---	---	---	---	---	---	---	---	0

WTR YR 1999 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 5093 **Name:** Centennial @ Wenden
Drainage Area: 586 mi^2 excluding area diverted from Sols Wash at Sols Tank
Period of Record: September 16, 1998 to current year
Discharge, in cfs, Water Year October 1998 to September 1999

Peak flows of interest during Water Year 1999

Day	Peak Discharge (cfs)
Jul. 14	209

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14										39		
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												
TOTAL	0	0	0	0	0	0	0	0	0	39	0	0
MEAN	0	0	0	0	0	0	0	0	0	1	0	0
MAX	0	0	0	0	0	0	0	0	0	209	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	0	0	0	78	0	0

WTR YR 1999 TOTAL 39 MEAN 0 MAX 209 MIN 0 AC_FT 78

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 5103 **Name:** Centennial Railroad
USGS Station: 09517490
Drainage Area: 1,817 mi^2
Period of Record: February 15, 1990 to current year
May 15, 1980 to September 30, 1985
Discharge, in cfs, Water Year October 1998 to September 1999

See *USGS Water-Data Report AZ-99-1* for data for this site.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 5113 **Name:** Saddleback FRS
Drainage Area: 29.6 mi^2 excluding area brought in from Harquahala FRS
Period of Record: December 16, 1988 to current year
Discharge, in cfs, Water Year October 1998 to September 1999

No recorded flows during Water Year 1999

TOTAL	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	0	0	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 1999 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

See also Pool Level and Storage Volume Data.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 5128 **Name:** Harquahala FRS
Drainage Area: 102.3 mi^2
Period of Record: March 1, 1994 to current year
Discharge, in cfs, Water Year October 1998 to September 1999

No recorded flows during Water Year 1999

TOTAL	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	0	0	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 1999 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

See also Pool Level and Storage Volume Data.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 5163 **Name:** Tiger Wash
Drainage Area: 85.2 mi^2
Period of Record: September 15, 1999 to current year. USGS maintained a continuous gage from Sept. 1965 to Sept. 1979. The station was reactivated in March 1991 as a peak flow gage site.

Discharge, in cfs, Water Year October 1998 to September 1999

No recorded flows at this location since installation during Water Year 1999

TOTAL	---	---	---	---	---	---	---	---	---	---	---	0
MEAN	---	---	---	---	---	---	---	---	---	---	---	0
MAX	---	---	---	---	---	---	---	---	---	---	---	0
MIN	---	---	---	---	---	---	---	---	---	---	---	0
AC_FT	---	---	---	---	---	---	---	---	---	---	---	0

WTR YR 1999 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

Also see *USGS Water-Data Report AZ-99-1* for data for this site. USGS Station Number 09517280.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 5203 **Name:** Buckeye FRS #1
Drainage Area: 74 mi^2
Period of Record: November 1987 to current year
Discharge, in cfs, Water Year October 1998 to September 1999

Peak flows of interest during Water Year 1999
(for levels above 1.00 feet gage height)

Day	Peak Discharge (cfs)	Day	Peak Discharge (cfs)
Jul. 14	108	Jul. 11	94
Jul. 15	84		

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10										2		
11										35		
12										3		
13												
14										19		
15										28		
16										4		
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												
TOTAL	0	0	0	0	0	0	0	0	0	91	0	0
MEAN	0	0	0	0	0	0	0	0	0	3	0	0
MAX	0	0	0	0	0	0	0	0	0	108	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	0	0	0	181	0	0

WTR YR 1999 TOTAL 91 MEAN 0 MAX 108 MIN 0 AC_FT 181

NOTE: Because of local drawdown effects at the gage on the principal outlet, discharges for stages below about one foot gage height are approximate.

See also Pool Level and Storage Volume Data.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 5208 **Name**: Buckeye FRS #2
Drainage Area: 5.7 mi^2 without area from Buckeye #3 FRS
Period of Record: November 11, 1992 to current year
Discharge, in cfs, Water Year October 1998 to September 1999

Peak flows of interest during Water Year 1999

Day	Peak Discharge (cfs)
Jul. 8	40

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8										8		
9										1		
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												2
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												
TOTAL	0	0	0	0	0	0	0	0	0	9	0	2
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	0	0	0	0	0	0	40	0	2
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	0	0	0	17	0	4

WTR YR 1999 TOTAL 11 MEAN 0 MAX 40 MIN 0 AC_FT 21

NOTE: Because of local drawdown effects at the gage on the principal outlet, discharges for stages below about one foot gage height are approximate.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 5223 **Name:** Hassy nr Morristown
Drainage Area: 711 mi^2
Period of Record: March 14, 1994 to current year
Discharge, in cfs, Water Year October 1998 to September 1999

See *USGS Water-Data Report AZ-99-1* for data for this site.

Flood Flow Frequency (based on HECWRC implementation of Bulletin 17B, n = 44) expected probability shown since it plots graphically closer to the observed data					
Magnitude and Probability of Instantaneous Peak Flow					
Discharge, in cfs, for Indicated Recurrence Interval					
2-year	5-year	10-year	20-year	50-year	100-year
2,920	10,200	18,400	29,200	47,500	64,700

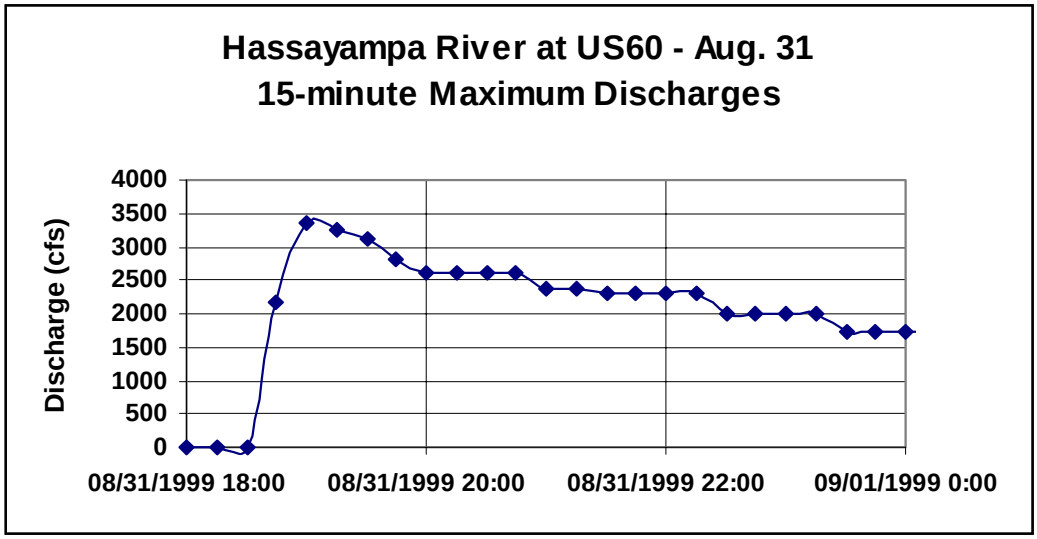
Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 5228 **Name:** Hassayampa @ US 60
Drainage Area: 711 mi^2
Period of Record: March 14, 1994 to current year
Discharge, in cfs, Water Year October 1998 to September 1999

Peak flows of interest during Water Year 1999

Day	Peak Discharge (cfs)	Day	Peak Discharge (cfs)
Jul. 25	5,096*	Aug. 31	3,363



NOTE: Flows shown in the hydrograph at values below approximately 2,000 cfs are suspect since ponding at the gage may have occurred.

*** Gage failed to record during the event of July 25, 1999. The peak was estimated from high water marks on the crest stage gage located at the gage site. No hydrograph is available.**

continued on next page

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 5228 **Name:** Hassayampa @ US 60
Drainage Area: 711 mi^2
Period of Record: March 14, 1994 to current year
Discharge, in cfs, Water Year October 1998 to September 1999

Peak flows of interest during Water Year 1999

Day	Peak Discharge (cfs)	Day	Peak Discharge (cfs)
Jul. 25	5,096*	Aug. 31	3,363

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												684
2												
3												
4												
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											529	
TOTAL	0	0	0	0	0	0	0	0	0	0	529	684
MEAN	0	0	0	0	0	0	0	0	0	0	17	23
MAX	0	0	0	0	0	0	0	0	0	0	3363	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	0	0	0	0	1049	1357

WTR YR 1999 TOTAL 1213 MEAN 3 MAX 3363 MIN 0 AC_FT 2406

*** Gage failed to record during the event of July 25, 1999. The peak was estimated from high water marks on the crest stage gage located at the gage site.**

Gage separated from low flow channel during all of Water Year 1999.

Note: This gage location is a wide mobile sand bed channel. Therefore, data reliability is considered poor. See also gage 5308 upstream and USGS gage Hassayampa River near Morristown, 09516500, downstream for additional data and comparative flood flow frequency for this site.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 5233 **Name:** Sunset FRS
Drainage Area: 0.95 mi^2 (from Wickenburge ADMS)
Period of Record: February 12, 1989 to current year
Discharge, in cfs, Water Year October 1998 to September 1999

Peak flows of interest during Water Year 1999

Day	Peak Discharge (cfs)	Day	Peak Discharge (cfs)
Jul. 15	22	Aug. 31	22

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1		11	11								14	21
2		8	10				12		6		14	14
3			10				14		9		13	1
4			6				14		5		13	
5					3		13				12	
6					7		12			2	12	
7							12			11	12	
8							11			9	11	
9							11			2	11	
10							11				11	
11							10				10	2
12							9				10	12
13							7				9	11
14							2				7	11
15										18	2	10
16										21		3
17										20		
18										20		
19										19		
20										19		
21										18		
22										18		
23										17		
24										17		
25										16		
26	7									16		
27	5									15		
28		2								15	3	
29		12								15	17	
30	3	11								15	16	
31	13									14	17	
TOTAL	28	44	38	0	10	0	138	0	21	316	213	85
MEAN	1	1	1	0	0	0	5	0	1	10	7	3
MAX	13	13	11	0	10	0	15	0	11	22	22	22
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	55	87	74	0	21	0	274	0	41	627	422	168

WTR YR 1999 TOTAL 892 MEAN 2 MAX 22 MIN 0 AC_FT 1770

NOTE: Outflow data based on assumption that the outlet gate is fully open.

See also Pool Level and Storage Volume Data.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 5248 **Name:** Sunnycove FRS
Drainage Area: 0.98 mi^2 (from Wickenburg ADMS)
Period of Record: November 1987 to current year
Discharge, in cfs, Water Year October 1998 to September 1999

Peak flows of interest during Water Year 1999

Day	Peak Discharge (cfs)	Day	Peak Discharge (cfs)
Jul. 15	33	Aug. 31	30

The gage was down from February 1 through February 5, 1999. An event on February 4, 1999 may have been missed.

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												25
2												22
3												19
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15										23		
16										24		
17										9		
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30	4											
31											8	
TOTAL	4	0	0	0	0	0	0	0	0	56	8	66
MEAN	0	0	0	0	0	0	0	0	0	2	0	2
MAX	25	0	0	0	0	0	0	0	0	33	30	27
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	8	0	0	0	0	0	0	0	0	112	16	130

WTR YR 1999 TOTAL 134 MEAN 0 MAX 33 MIN 0 AC_FT 266

NOTE: Outflow data based on assumption that the outlet gate is fully open.

See also Pool Level and Storage Volume Data.

The gage was down from February 1 through February 5, 1999. An event on February 4, 1999 may have been missed.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 5283 **Name:** Hassayampa R @ I-10
Drainage Area: 1,450 mi^2 approximate
Period of Record: November 9, 1994 to current year
Discharge, in cfs, Water Year October 1998 to September 1999

No recorded flow during Water Year 1999

TOTAL	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	0	0	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 1999 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

NOTE: This location has a mobile sand bed with multiple channels. Therefore, data reliability should be considered poor.

Flood Flow Frequency (from R. W. Cruff analysis of 1995 based on shape of Hassayampa near Arlington relation)					
Magnitude and Probability of Instantaneous Peak Flow					
Discharge, in cfs, for Indicated Recurrence Interval					
2-year	5-year	10-year	20-year	50-year	100-year
2,500	8,000	15,000	32,000	51,000	75,000

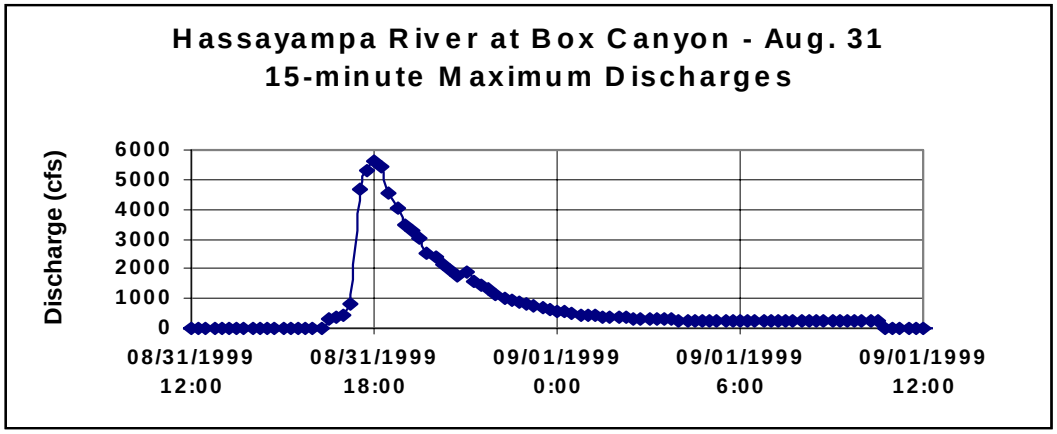
Flood Control District of Maricopa County ALERT System

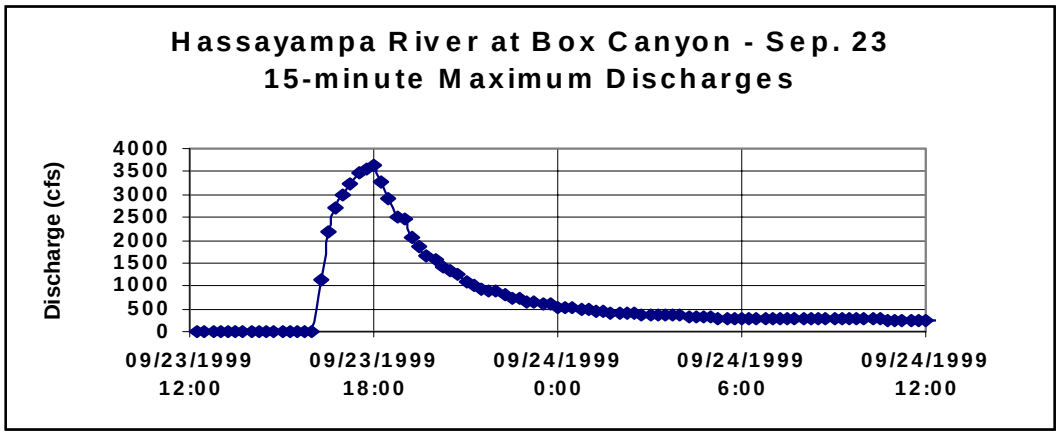
Computation of Continuous Records of Streamflow

Station Number: 5308 **Name:** Hassy @ Box Canyon
Drainage Area: 416 mi^2
Period of Record: USGS: ID 09515500 – 1925, 1927, 1937, 1938 (annual peaks only)
WY1946 – WY1982 as a continuous site
FCDMC: November 1987 to current year
Revised Records: WY1996: WY1994-1995. WY1997: WY1996
Discharge, in cfs, Water Year October 1998 to September 1999

Peak flows of interest during Water Year 1999

Day	Peak Discharge (cfs)	Day	Peak Discharge (cfs)
Aug. 31	5,650	Sep. 23	3,630
Sep. 19	621	Jul. 26	590
Jul. 15	560	Jul. 25 & Sep. 11	530





Flood Flow Frequency (based on HECWRC implementation of Bulletin 17B, n = 46)					
Magnitude and Probability of Instantaneous Peak Flow					
Discharge, in cfs, for Indicated Recurrence Interval					
2-year	5-year	10-year	20-year	50-year	100-year
4,020	12,200	21,200	32,900	53,000	72,200

NOTE: There is a frequent low flow below the gage. Approximately 180 cfs pass below the gage before detection.

continued on next page

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 5308 **Name:** Hassy @ Box Canyon
Drainage Area: 416 mi^2
Period of Record: USGS: ID 09515500 – 1925, 1927, 1937, 1938 (annual peaks only)
WY1946 – WY1982 as a continuous site
FCDMC: November 1987 to current year
Revised Records: WY1996: WY1994-1995. WY1997: WY1996
Discharge, in cfs, Water Year October 1998 to September 1999

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												132
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												52
12												48
13												
14												
15										147		60
16												
17												
18												134
19												73
20												265
21												
22												
23												549
24												265
25										42		
26										75		
27										6		
28												
29										124		
30										10		
31											629	
TOTAL	0	0	0	0	0	0	0	0	0	404	629	1578
MEAN	0	0	0	0	0	0	0	0	0	13	20	53
MAX	0	0	0	0	0	0	0	0	0	590	5650	3630
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	0	0	0	802	1248	3130

WTR YR 1999 TOTAL 2611 MEAN 7 MAX 5650 MIN 0 AC_FT 5179

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 5353 **Name:** Hassy @ Wagoner Rd
Drainage Area: 78 mi^2
Period of Record: September 26, 1991 to current year
Discharge, in cfs, Water Year October 1998 to September 1999

Peak flows of interest during Water Year 1999

Day	Peak Discharge (cfs)	Day	Peak Discharge (cfs)
Jul. 29	669	Jul. 15	298

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8	11	13	13	14	12	15	13	13	13	35	27
2	9	10	14	12	14	11	17	15	19	16	35	18
3	12	9	13	13	14	12	16	17	16	16	34	19
4	8	10	14	12	14	13	16	15	16	15	37	14
5	9	10	13	13	14	12	14	13	14	14	37	21
6	8	11	15	13	15	12	15	14	14	18	46	17
7	9	12	13	14	15	15	15	13	15	18	21	13
8	9	14	14	14	15	12	15	14	13	17	21	13
9	8	12	15	13	14	12	13	14	11	18	14	15
10	9	11	13	13	15	12	13	14	10	19	14	13
11	8	15	12	14	13	12	14	14	13	23	23	15
12	8	12	12	14	13	11	16	14	14	20	19	12
13	10	9	12	14	12	10	14	15	13	20	21	13
14	9	10	13	13	13	11	14	15	15	24	16	1
15	10	10	16	13	12	13	12	14	15	87	14	
16	10	11	13	14	14	15	14	14	14	18	11	
17	10	11	12	14	13	14	15	13	14	8	9	
18	10	11	13	14	13	12	14	13	14	9	11	
19	10	10	15	14	13	11	12	13	13	9	14	
20	10	9	15	16	13	12	14	13	14	6	15	
21	14	10	13	16	14	11	15	14	14	7	14	
22	12	10	14	13	13	12	16	14	13	7	13	
23	11	10	12	13	11	12	17	14	13	8	10	1
24	11	11	9	15	12	12	15	13	12	9	13	5
25	16	10	9	17	13	12	14	11	13	19	20	
26	14	11	9	17	13	13	12	11	13	17	11	
27	10	12	9	16	12	12	15	12	13	38	12	
28	9	15	9	18	11	12	15	11	13	32	15	
29	11	14	9	15		12	14	13	12	182	14	
30	14	12	9	14		12	16	12	14	222	16	
31	11		9	14		13		11		117	26	
TOTAL	317	332	383	439	369	377	437	417	409	1047	605	218
MEAN	10	11	12	14	13	12	15	13	14	34	20	7
MAX	25	22	41	41	32	29	39	32	34	669	87	47
MIN	1	0	2	2	2	2	1	1	1	0	0	0
AC_FT	629	658	759	870	731	748	867	827	811	2077	1201	433

WTR YR 1999 TOTAL 5349 MEAN 15 MAX 669 MIN 0 AC_FT 10610

NOTE: The sonar sensor device at this location is influenced by temperature. Therefore, the daily values may be overestimated. Typically, base flow at this location is 1 – 10 cfs.

Flood Flow Frequency (based on HECWRC implementation of Bulletin 17B, n = 12)					
Magnitude and Probability of Instantaneous Peak Flow					
Discharge, in cfs, for Indicated Recurrence Interval					
2-year	5-year	10-year	20-year	50-year	100-year
595	1,590	2,580	3,780	5,730	7,490

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 5403 **Name:** Agua Fria @ Buckeye

Drainage Area: 2,241 mi^2 , 1,459 mi^2 controlled by New Waddell Dam, 191 mi^2 by Cave Buttes Dam, 90 mi^2 by Adobe Dam, 164 mi^2 by New River Dam, and 247 mi^2 by McMicken Dam.

Period of Record: October 12, 1988 to current year

Discharge, in cfs, Water Year October 1998 to September 1999

Peak flows of interest during Water Year 1999

Day	Peak Discharge (cfs)	Day	Peak Discharge (cfs)
Aug. 27	1,477*	Jul. 15	328

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15										34		
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27											132	
28											81	
29												
30												
31												
TOTAL	0	0	0	0	0	0	0	0	0	35	213	0
MEAN	0	0	0	0	0	0	0	0	0	1	7	0
MAX	0	0	0	0	0	0	12	0	0	328	1477	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	0	0	0	69	422	0

WTR YR 1999 TOTAL 248 MEAN 1 MAX 1477 MIN 0 AC_FT 491

NOTE: Severe drop at boulders along the downstream side of the Buckeye Road bridge as well as two channels for lower flows introduce considerable error into the rating for flows less than about 3,500 cfs. The multiple channels also mean some lower flows are missed by the gage.

***Flow originated from I-10 Papago Drain which had an estimated peak discharge of 4,400 cfs.**

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 5408 **Name:** Colter @ El Mirage
Drainage Area: 3.48 mi^2
Period of Record: June 29, 1994 to current year
Discharge, in cfs, Water Year October 1998 to September 1999

Peak flows of interest during Water Year 1999
(flows greater than 30 cfs)

Day	Peak Discharge (cfs)
Jul. 15	37

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2							4					
3												
4												
5												
6												
7												
8												
9												
10												
11												2
12												1
13												
14												
15										12		
16										3		
17												
18												
19												
20												
21												
22												
23												
24												
25												
26	5											
27												
28												
29												
30												
31												
TOTAL	5	0	0	0	0	0	4	0	0	15	0	3
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	22	0	0	0	0	0	22	0	0	37	0	16
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	10	0	0	0	0	0	9	0	0	30	0	6

WTR YR 1999 TOTAL 27 MEAN 0 MAX 37 MIN 0 AC_FT 54

Flood Flow Frequency (HEC-1 for Colter Channel Design Analysis)
Magnitude and Probability of Instantaneous Peak Flow
Discharge, in cfs, for Indicated Recurrence Interval
100-year
1,040

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 5413 **Name:** Dysart Drain @ LAFB
Drainage Area: 52 mi^2
Period of Record: August 22, 1996 to current year
Discharge, in cfs, Water Year October 1998 to September 1999

Peak flows of interest during Water Year 1999

Day	Peak Discharge (cfs)	Day	Peak Discharge (cfs)
Jul. 15	73	Sep. 19	22

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2							4					
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												1
15										13		
16												
17												
18												
19												3
20												2
21												1
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												
TOTAL	0	0	0	0	0	0	4	0	0	13	0	7
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	6	0	0	0	0	0	13	0	0	73	0	22
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	8	0	0	26	0	14

WTR YR 1999 TOTAL 24 MEAN 0 MAX 73 MIN 0 AC_FT 47

NOTE: Many days of positive mean daily flow due to irrigation tailwater.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 5418 **Name:** White Tanks #3 FRS
Drainage Area: 20.5 mi^2
Period of Record: November 1987 to current year
Discharge, in cfs, Water Year October 1998 to September 1999

One recorded flow during Water Year 1999

Day	Peak Discharge (cfs)
Apr. 2	68*

TOTAL	0	0	0	0	0	0	9	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	0	0	0	68	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	17	0	0	0	0	0

WTR YR 1999 TOTAL 9 MEAN 0 MAX 68 MIN 0 AC_FT 17

***Flow assumes gated outlet open. However it is usually closed.**

See also Pool Level and Storage Volume Data.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 5423 **Name:** Dysart Chnl@ El Mirage Road
Drainage Area: 58.2 mi^2
Period of Record: June 23, 1994 to December 26, 1995
March 7, 1997 to current year*
Discharge, in cfs, Water Year October 1998 to September 1999

Peak flows of interest during Water Year 1999

Day	Peak Discharge (cfs)	Day	Peak Discharge (cfs)
Sep. 19	65	Jul. 15	39

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2							9					
3							1					
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15										8		
16										1		
17												
18												
19												5
20												9
21												1
22												
23												1
24												
25												
26	2											
27												
28												
29												
30												
31												
TOTAL	2	0	0	0	0	0	11	0	0	9	0	16
MEAN	0	0	0	0	0	0	0	0	0	0	0	1
MAX	13	0	0	0	0	0	24	0	0	39	0	65
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	4	0	0	0	0	0	21	0	0	17	0	32

WTR YR 1999 TOTAL 38 MEAN 0 MAX 65 MIN 0 AC_FT 75

*** Gage reinstalled March 7, 1997 on new Dysart Channel. Gage moved from approximately 1000 feet upstream of El Mirage Road.**

Flood Flow Frequency (HEC-1 for White Tanks ADMS modified for Dysart Channel Design Analysis)
Magnitude and Probability of Instantaneous Peak Flow
Discharge, in cfs, for Indicated Recurrence Interval
100-year
4,020

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 5438 **Name:** McMicken Floodway
Drainage Area: 305 mi^2 of which 247 mi^2 is controlled by McMicken Dam
Period of Record: September 3, 1992 to current year
Discharge, in cfs, Water Year October 1998 to September 1999

Peak flows of interest during Water Year 1999

Day	Peak Discharge (cfs)	Day	Peak Discharge (cfs)
Jul. 15	98	Jul. 14	92
Sep. 19	76		

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2			3				3					
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14										19		
15										24		
16												
17												
18												
19												3
20												12
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												
TOTAL	0	0	3	0	0	0	3	0	0	43	0	15
MEAN	0	0	0	0	0	0	0	0	0	1	0	1
MAX	0	0	6	0	6	0	6	0	0	98	0	76
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	6	0	1	0	5	0	0	86	0	30

WTR YR 1999 TOTAL 64 MEAN 0 MAX 98 MIN 0 AC_FT 128

NOTE: Flows during Water Year 1999 generated below McMicken Dam. No outflow occurred from McMicken Dam into the floodway during Water Year 1999. See also gage 5448.

Flood Flow Frequency (FEMA 9/95, "at confluence with McMicken Dam")		
Magnitude and Probability of Instantaneous Peak Flow		
Discharge, in cfs, for Indicated Recurrence Interval		
10-year	50-year	100-year
2,610	4,280	5,090

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 5448 **Name:** McMicken Dam
Drainage Area: 247 mi^2
Period of Record: November 1987 to current year
Discharge, in cfs, Water Year October 1998 to September 1999

No recorded flows during Water Year 1999

TOTAL	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	0	0	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 1999 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

See also Pool Level and Storage Volume Data.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 5503 **Name:** Agua Fria @ Grand
USGS Gage: 09513650 (Agua Fria at El Mirage)
Drainage Area: 1,628 mi^2 of which 1,433 mi^2 is controlled by New Waddell Dam

See *USGS Water-Data Report AZ-99-1* for data for this site.

Flood Control District of Maricopa County ALERT System

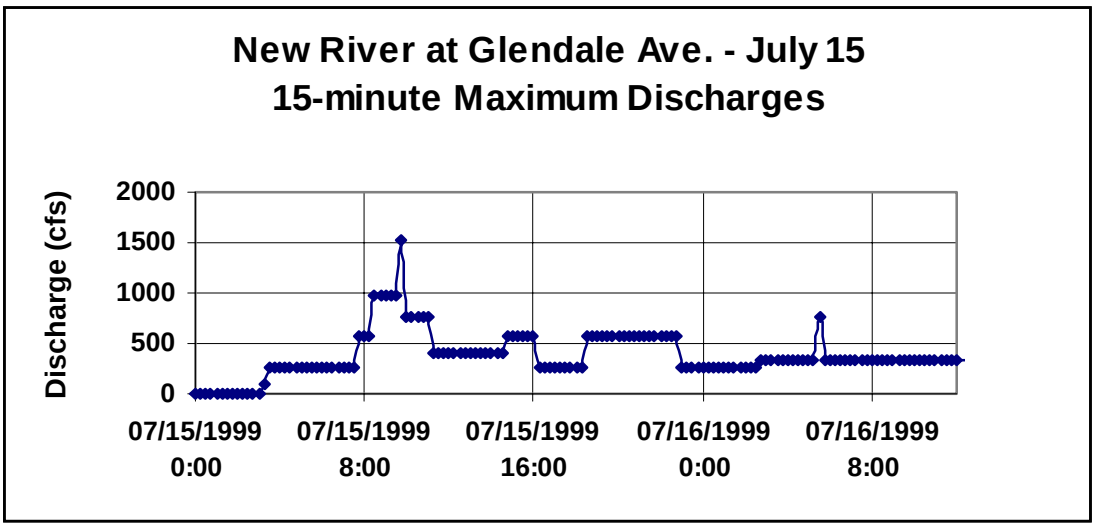
Computation of Continuous Records of Streamflow

Station Number: 5508 **Name:** NewRiver @ Glendale
Drainage Area: 600 mi^2, of which 191 mi^2 is controlled by Cave Buttes Dam, 164 mi^2 by New River Dam, and 90 mi^2 by Adobe Dam.
Period of Record: FCDMC: October 1, 1998 to current year*
USGS: through WY1998 (09513910)
Discharge, in cfs, Water Year October 1998 to September 1999

Peak flows of interest during Water Year 1999

Day	Peak Discharge (cfs)	Day	Peak Discharge (cfs)
Jul. 15	1,525	Sep. 25	664

*** The USGS discontinued maintenance of this location at the end of Water Year 1998. The FCDMC assumed maintenance as of the beginning of Water Year 1999.**



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Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 5508 **Name:** NewRiver @ Glendale
Drainage Area: 600 mi^2, of which 191 mi^2 is controlled by Cave Buttes Dam, 164 mi^2 by New River Dam, and 90 mi^2 by Adobe Dam.
Period of Record: FCDMC: October 1, 1998 to current year*
USGS: through WY1998 (09513910)

Discharge, in cfs, Water Year October 1998 to September 1999

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2							120					
3							141					
4							4					
5												
6										6		
7										68		
8										163		
9										10		
10												
11												
12												
13												
14												
15										405		
16										277		
17										106		
18										10		
19												8
20										33		90
21										10		
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												
TOTAL	0	0	0	0	0	0	264	0	0	1086	0	98
MEAN	0	0	0	0	0	0	9	0	0	35	0	3
MAX	0	0	0	0	0	0	179	0	0	1525	0	664
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	524	0	0	2154	0	195

WTR YR 1999 TOTAL 1449 MEAN 4 MAX 1525 MIN 0 AC_FT 2873

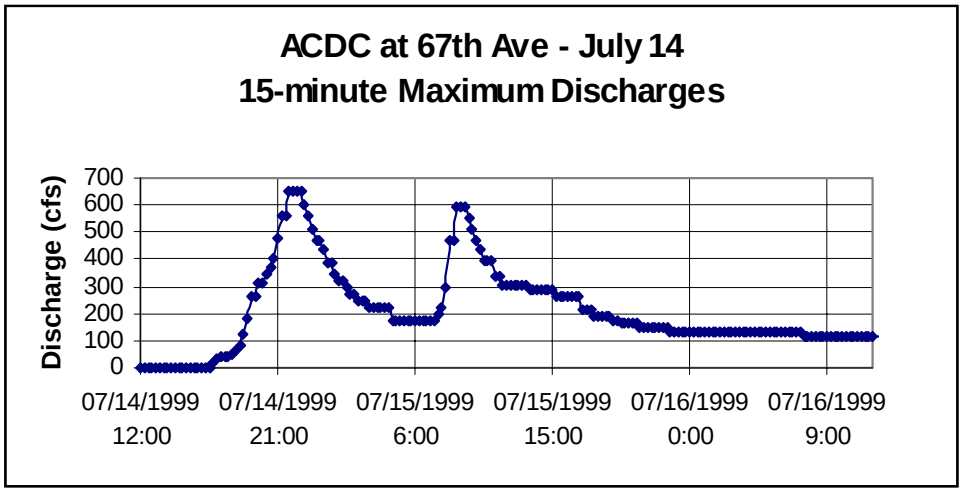
*** The USGS discontinued maintenance of this location at the end of Water Year 1998. The FCDMC assumed maintenance as of the beginning of Water Year 1999.**

Flood Control District of Maricopa County ALERT System
Computation of Continuous Records of Streamflow

Station Number: 5523 **Name:** ACDC @ 67th Ave.
Drainage Area: 86 mi^2 at confluence with Skunk Creek
Period of Record: June 7, 1990 to current year
Revised Records: WY1996: WY1994-1995
Discharge, in cfs, Water Year October 1998 to September 1999

Peak flows of interest during Water Year 1999

Day	Peak Discharge (cfs)	Day	Peak Discharge (cfs)
Jul. 14	650	Jul. 7	540
Sep. 20	399		



Flood Flow Frequency (computed from USACE design information)					
Magnitude and Probability of Instantaneous Peak Flow					
Discharge, in cfs, for Indicated Recurrence Interval					
2-year	5-year	10-year	20-year	50-year	100-year
1,900	4,500	7,700	13,500	20,600	29,000

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Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 5523 **Name:** ACDC @ 67th Ave.
Drainage Area: 86 mi^2 at confluence with Skunk Creek
Period of Record: June 7, 1990 to current year
Revised Records: WY1996: WY1994-1995
Discharge, in cfs, Water Year October 1998 to September 1999

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1		35										
2		7	14				85		15			
3			13				20					
4							8					
5					3		3					
6			5		14					38	29	
7	1		12							42	5	
8					2		2			105	4	
9		6								10	3	
10										3	12	
11										3	18	1
12										1	2	13
13							11					1
14							4			105		16
15			16				3			261		19
16			8	2		3	2			117		1
17						1	3			83		
18							3			25	16	
19						1	3			25	10	20
20							2			32		168
21	1									11		11
22										8		4
23										10		31
24										6		3
25	18									11		
26	58									8		
27	15									7	1	
28	1	4								5	114	
29		12								15	14	
30	12									2	2	
31	91											
TOTAL	197	65	68	2	19	5	150	0	16	935	231	288
MEAN	6	2	2	0	1	0	5	0	1	30	7	10
MAX	143	75	81	14	55	11	156	0	59	650	196	399
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	390	128	134	4	38	9	297	0	31	1854	458	571

WTR YR 1999 TOTAL 1974 MEAN 5 MAX 650 MIN 0 AC_FT 3916

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 5538 **Name:** Adobe Dam Outlet
Drainage Area: 89.6 mi^2
Period of Record: November 1987 to current year
Discharge, in cfs, Water Year October 1998 to September 1999

Peak flows of interest during Water Year 1999

Day	Peak Discharge (cfs)
Jul. 15	508

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14										47		
15										279		
16										63		
17										2		
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												
TOTAL	0	0	0	0	0	0	0	0	0	391	0	0
MEAN	0	0	0	0	0	0	0	0	0	13	0	0
MAX	0	0	0	0	0	0	0	0	0	508	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	0	0	0	776	0	0

WTR YR 1999 TOTAL 391 MEAN 1 MAX 508 MIN 0 AC_FT 776

See also Pool Level and Storage Volume Data.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 5543 **Name:** Scatter Wash
Drainage Area: 18.1 mi^2
Period of Record: September 18, 1996 to current year
Discharge, in cfs, Water Year October 1998 to September 1999

Peak flows of interest during Water Year 1999

Day	Peak Discharge (cfs)	Day	Peak Discharge (cfs)
Aug. 10	330	Jul. 15	254
Oct. 26	231	Jul. 6	208

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2			7				5					
3												
4												
5											2	
6			11							10	1	
7										5		
8										1		
9												
10											21	
11												
12												
13												
14										6		11
15			10							41		
16												
17												
18												
19												9
20												
21												
22												
23												
24												
25	10											
26	32											
27											11	
28												
29												
30												
31												
TOTAL	43	1	28	1	1	1	6	1	1	63	36	21
MEAN	1	0	1	0	0	0	0	0	0	2	1	1
MAX	231	0	119	0	0	0	15	0	0	254	330	166
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	85	2	56	2	2	2	11	2	2	124	71	41

WTR YR 1999 TOTAL 202 MEAN 1 MAX 330 MIN 0 AC_FT 401

Flood Flow Frequency (Channel Design Analysis)
Magnitude and Probability of Instantaneous Peak Flow
Discharge, in cfs, for Indicated Recurrence Interval
100-year
6,100

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 5568 **Name:** Skunk Creek @ I-17
USGS Gage: 09512860 – Skunk Creek near Phoenix, Arizona
Drainage Area: 64.9 mi^2

See *USGS Water-Data Report AZ-99-1* for data for this site.

Flood Flow Frequency (based on HECWRC implementation of Bulletin 17B, n = 38, station skew used based on examination of observed data plots)					
Magnitude and Probability of Instantaneous Peak Flow					
Discharge, in cfs, for Indicated Recurrence Interval					
2-year	5-year	10-year	20-year	50-year	100-year
1,070	3,960	7,100	11,000	17,300	22,800

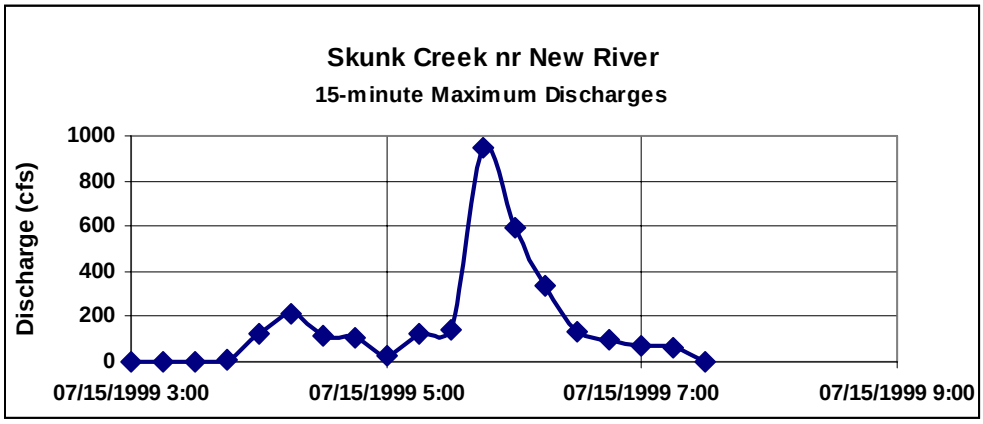
Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 5583 **Name:** Skunk Creek near New River
Drainage Area: 4 mi^2 (approximate)
Period of Record: June 21, 1995 to current year
Discharge, in cfs, Water Year October 1998 to September 1999

Peak flows of interest during Water Year 1999

Day	Peak Discharge (cfs)	Day	Peak Discharge (cfs)
Jul. 15	949	Jul. 7	135
Sep. 23	63		



Flood Flow Frequency (source: FEMA Sept. 1995)		
Magnitude and Probability of Instantaneous Peak Flow		
Discharge, in cfs, for Indicated Recurrence Interval		
10-year	**50-year**	**100-year**
1,730	**2,500**	**3,650**

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Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 5583 **Name:** Skunk Creek near New River
Drainage Area: 4 mi^2 (approximate)
Period of Record: June 21, 1995 to current year
Discharge, in cfs, Water Year October 1998 to September 1999

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6										1		
7										8		
8										3		
9												
10												
11												
12												
13												
14												
15										47		
16										2		
17												
18												
19												
20												
21												
22												
23												5
24												
25												
26												
27												
28												
29												
30												
31												
TOTAL	0	0	0	0	0	0	0	0	0	63	0	5
MEAN	0	0	0	0	0	0	0	0	0	2	0	0
MAX	0	0	0	0	0	0	0	0	0	949	0	63
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	0	0	0	124	0	10

WTR YR 1999 TOTAL 67 MEAN 0 MAX 949 MIN 0 AC_FT 134

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 5598 **Name:** New River @ Bell
Drainage Area: 185 mi^2, of which 164 mi^2 are controlled by New River Dam
Period of Record: April 4, 1990 to current year*
Revised Records: WY1996, WY1995
Discharge, in cfs, Water Year October 1998 to September 1999

Peak flows of interest during Water Year 1999

Day	Peak Discharge (cfs)	Day	Peak Discharge (cfs)
Jul. 15	155		

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6										4		
7												
8												
9												
10												
11												
12												
13												
14												
15										15		
16										95		
17										16		
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												
TOTAL	0	0	0	0	0	0	0	0	0	129	0	0
MEAN	0	0	0	0	0	0	0	0	0	4	0	0
MAX	0	0	0	0	0	0	0	0	0	155	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	0	0	0	257	0	0

WTR YR 1999 TOTAL 129 MEAN 0 MAX 155 MIN 0 AC_FT 257

*** USGS period of record: Water Years 1963, 1965-67 (annual maximums only,) 1968-84, June 1990 – Sept. 1993. Also, FCDMC gage out of service from Oct. 1, 1993 to May 12, 1994 during construction of new bridge.**

NOTE: Most flows represent outflow from New River Dam.

Flood Flow Frequency (based on HEC-1 analysis by R. W. Cruff, 1995)					
Magnitude and Probability of Instantaneous Peak Flow					
Discharge, in cfs, for indicated Recurrence Interval					
2-year	**5-year**	**10-year**	**25-year**	**50-year**	**100-year**
1,920	**6,510**	**11,700**	**21,200**	**30,500**	**41,800**

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 5613 **Name:** New River Outlet
Drainage Area: 164 mi^2
Period of Record: November 1987 to current year
Discharge, in cfs, Water Year October 1998 to September 1999

Peak flows of interest during Water Year 1999

Day	Peak Discharge (cfs)
Jul. 15	198

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												2
13												1
14										16		
15										154		
16										75		
17										6		
18										2		
19										1		
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												
TOTAL	0	0	0	0	0	0	0	0	0	253	0	3
MEAN	0	0	0	0	0	0	0	0	0	8	0	0
MAX	0	0	0	0	0	0	0	0	0	198	0	4
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	0	0	0	502	0	7

WTR YR 1999 TOTAL 256 MEAN 1 MAX 198 MIN 0 AC_FT 508

See also Pool Level and Storage Volume Data.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 5968 **Name:** StoneRidge Dam
Drainage Area: 0.86 mi^2
Period of Record: December 11, 1996 to current date
Discharge, in cfs, Water Year October 1998 to September 1999

Peak flows of interest during Water Year 1999

Day	Peak Discharge (cfs)	Day	Peak Discharge (cfs)
Aug. 31	56	Jul. 23	42

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												28
2												12
3							4					
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15										2		
16												
17												
18												
19												
20												
21												
22												
23										1		
24												
25	1											
26	1											
27												
28												
29												
30												
31											12	
TOTAL	2	0	0	0	0	0	4	0	0	3	12	41
MEAN	0	0	0	0	0	0	0	0	0	0	0	1
MAX	18	0	0	0	0	0	26	0	0	42	56	29
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	4	0	0	0	0	0	9	0	0	7	23	81

WTR YR 1999 TOTAL 62 MEAN 0 MAX 56 MIN 0 AC_FT 123

See also Pool Level and Storage Volume Data.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 5973 **Name:** SunRidge Canyon Dam
Drainage Area: 1.6 mi^2
Period of Record: February 4, 1997 to current year
Discharge, in cfs, Water Year October 1998 to September 1999

Peak flows of interest during Water Year 1999*

Day	Peak Discharge (cfs)
Oct. 26	140

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1											5	
2												
3											2	
4												
5												
6												
7											2	
8											5	
9											2	
10										1		
11											2	
12											10	
13											6	
14												
15												
16												
17												
18												
19												
20												
21												
22												
23										5		
24										18		
25										1		
26	6									2		
27										8		
28										19		
29										9		
30	4									6		
31	6									9	6	
TOTAL	16	0	0	0	0	0	0	0	0	79	41	0
MEAN	1	0	0	0	0	0	0	0	0	3	1	0
MAX	140	0	0	0	0	0	0	0	0	26	29	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	32	0	0	0	0	0	0	0	0	156	81	0

WTR YR 1999 TOTAL 136 MEAN 0 MAX 140 MIN 0 AC_FT 269

*** There were several flows in July 1999 of approximately 20 – 25 cfs.**

See also Pool Level and Storage Volume Data.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 5978 **Name:** GoldenEaglePark Dam
Drainage Area: 7.13 mi^2 of which 2.02 mi^2, 2.13 mi^2, and 1.6 mi^2 are controlled by Aspen, North Heights, and Sunridge Canyon Dams respectively.
Period of Record: December 12, 1996 to current year
Discharge, in cfs, Water Year October 1998 to September 1999

Peak flows of interest during Water Year 1999

Day	Peak Discharge (cfs)	Day	Peak Discharge (cfs)
Oct. 26	460	Aug. 31	167

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1							4					4
2			2				19					
3							14					
4							16					
5							1					
6			2									
7												
8												
9												
10												
11												
12												
13												
14										10		
15										14		1
16										5		
17												
18												
19												3
20												1
21												
22										9		
23										17		
24										14		
25	6									13		
26	35									15		
27										12	4	
28		1								8	13	
29											12	
30											11	
31											18	
TOTAL	40	1	3	0	0	0	54	0	0	116	59	9
MEAN	1	0	0	0	0	0	2	0	0	4	2	0
MAX	460	20	19	0	0	0	35	0	0	80	167	42
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	80	3	7	0	0	0	108	0	0	231	116	17

WTR YR 1999 TOTAL 283 MEAN 1 MAX 460 MIN 0 AC_FT 562

See also Pool Level and Storage Volume Data.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 5983 **Name:** North Heights Dam
Drainage Area: 2.13 mi^2
Period of Record: October 11, 1996 to current year
Discharge, in cfs, Water Year October 1998 to September 1999

Peak flows of interest during Water Year 1999

Day	Peak Discharge (cfs)	Day	Peak Discharge (cfs)
Oct. 26	192	Jul. 22	46

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10										1		
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22										3		
23												
24												
25	1											
26	10											
27												
28												
29												
30												
31												
TOTAL	11	0	0	0	0	0	0	0	0	4	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	192	0	0	0	0	0	0	0	0	46	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	22	0	0	0	0	0	0	0	0	9	0	0

WTR YR 1999 TOTAL 15 MEAN 0 MAX 192 MIN 0 AC_FT 31

See also Pool Level and Storage Volume Data.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 5988 **Name:** Aspen Dam
Drainage Area: 2.02 mi^2
Period of Record: January 2, 1997 to current year
Discharge, in cfs, Water Year October 1998 to September 1999

Peak flows of interest during Water Year 1999

Day	Peak Discharge (cfs)	Day	Peak Discharge (cfs)
Oct. 26	58	Aug. 31	19

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10										1		
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22										1		
23												
24												
25												
26	4											
27												
28												
29												
30												
31											1	
TOTAL	4	0	0	0	0	0	0	0	0	2	1	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	58	0	0	0	0	0	0	0	0	18	19	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	8	0	0	0	0	0	0	0	0	4	1	0

WTR YR 1999 TOTAL 7 MEAN 0 MAX 58 MIN 0 AC_FT 13

See also Pool Level and Storage Volume Data.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 5993 **Name:** Hesperus Dam
Drainage Area: 2.91 mi^2
Period of Record: December 18, 1996 to current year
Discharge, in cfs, Water Year October 1998 to September 1999

Peak flows of interest during Water Year 1999

Day	Peak Discharge (cfs)	Day	Peak Discharge (cfs)
Oct. 26	71	Aug. 31	27

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26	2											
27												
28												
29												
30												
31											1	
TOTAL	2	0	0	0	0	0	0	0	0	0	1	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	71	0	0	0	0	0	0	0	0	16	27	12
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	5	0	0	0	0	0	0	0	0	0	1	0

WTR YR 1999 TOTAL 3 MEAN 0 MAX 71 MIN 0 AC_FT 6

See also Pool Level and Storage Volume Data.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 6503 **Name:** Guadalupe FRS
Drainage Area: 1.87 mi^2
Period of Record: June 29, 1989 to current year
Discharge, in cfs, Water Year October 1998 to September 1999

No outflow during Water Year 1999

TOTAL	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	0	0	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 1999 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

Gated outlet assumed closed.

See also Pool Level and Storage Volume Data.

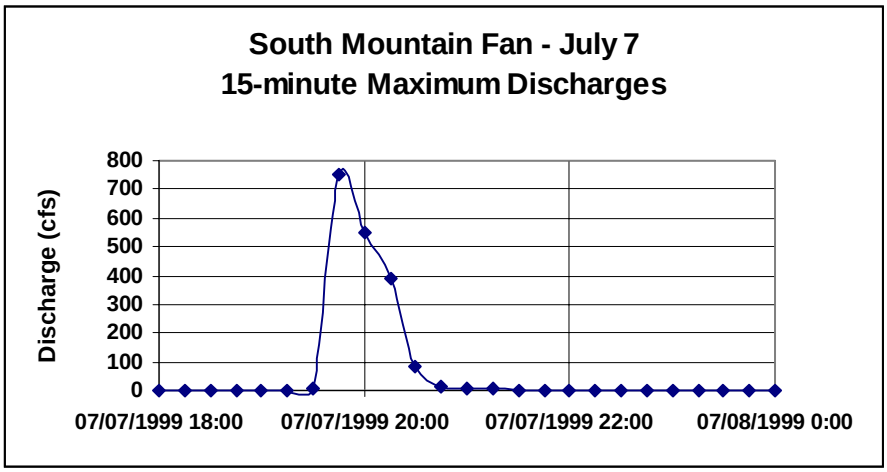
Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 6563 **Name:** South Mountain Fan
Drainage Area: 1.98 mi^2
Period of Record: June 9, 1993 to current year
Revised Records: WY1996: WY1995
Discharge, in cfs, Water Year October 1998 to September 1999

Peak flows of interest during Water Year 1999

Day	Peak Discharge (cfs)	Day	Peak Discharge (cfs)
Jul. 7	749*	Jul. 14	205



*** Highest discharge of record.**

Flood Flow Frequency (based on HEC-1 analysis, 1997)					
Magnitude and Probability of Instantaneous Peak Flow					
Discharge, in cfs, for indicated Recurrence Interval					
2-year	5-year	10-year	25-year	50-year	100-year
300	650	990	1,500	2,000	2,400

continued on next page

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 6563 **Name:** South Mountain Fan
Drainage Area: 1.98 mi^2
Period of Record: June 9, 1993 to current year
Revised Records: WY1996: WY1995
Discharge, in cfs, Water Year October 1998 to September 1999

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7										13		
8												
9												
10												
11												
12												
13												
14										4		
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28										1		
29												
30												
31												
TOTAL	0	0	0	0	0	0	0	0	0	18	0	0
MEAN	0	0	0	0	0	0	0	0	0	1	0	0
MAX	0	0	0	0	0	0	0	0	0	749	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	0	0	0	36	0	0

WTR YR 1999 TOTAL 18 MEAN 0 MAX 749 MIN 0 AC_FT 36

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 6573 **Name:** EMF @ Broadway
Drainage Area: 15.4 mi^2
Period of Record: August 10, 1989 to current year
Discharge, in cfs, Water Year October 1998 to September 1999

Peak flows of interest during Water Year 1999

Day	Peak Discharge (cfs)
Sep. 14	127

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2							1					
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												12
15												13
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												
TOTAL	0	0	0	0	0	0	1	0	0	0	0	25
MEAN	0	0	0	0	0	0	0	0	0	0	0	1
MAX	0	0	0	0	0	0	4	0	0	0	0	127
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	2	0	0	0	0	50

WTR YR 1999 TOTAL 26 MEAN 0 MAX 127 MIN 0 AC_FT 52

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 6583 **Name:** EMF @ Queen Creek
Drainage Area: 104.6 mi^2
Period of Record: January 18, 1989 to current year
Discharge, in cfs, Water Year October 1998 to September 1999

Peak flows of interest during Water Year 1999

Day	Peak Discharge (cfs)	Day	Peak Discharge (cfs)
Aug. 31	879	Sep. 20	142

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												104
2												16
3												6
4												3
5												1
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												67
21												37
22												14
23												9
24										26		3
25										5		
26												
27												
28												
29												
30												
31											160	
TOTAL	0	0	0	0	0	0	0	0	0	31	160	260
MEAN	0	0	0	0	0	0	0	0	0	1	5	9
MAX	0	0	0	0	0	0	0	0	0	52	879	235
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	0	0	0	61	318	516

WTR YR 1999 TOTAL 451 MEAN 1 MAX 879 MIN 0 AC_FT 895

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 6598 **Name:** EMF @ Arizona Ave.
Drainage Area: 214 mi^2 (at Hunt Highway, 8 miles upstream.)
Period of Record: February 10, 1989 to current year
Discharge, in cfs, Water Year October 1998 to September 1999

Peak flows of interest during Water Year 1999

Day	Peak Discharge (cfs)	Day	Peak Discharge (cfs)
Sep. 1	93	Sep. 24	45

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												32
2												53
3												46
4												35
5												21
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												8
24												42
25												31
26												2
27												
28												
29												
30												
31												
TOTAL	0	0	0	0	0	0	0	0	0	0	0	270
MEAN	0	0	0	0	0	0	0	0	0	0	0	9
MAX	0	0	0	0	0	0	0	0	0	0	0	93
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	0	0	0	0	0	536

WTR YR 1999 TOTAL 270 MEAN 1 MAX 93 MIN 0 AC_FT 536

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 6603 **Name:** Guadalupe Channel

Drainage Area: 13.7 mi^2 (discharge under US 60 limited to 1,800 cfs; drainage area downstream of US 60 about 1.5 mi^2 (1.2 mi^2 east of Sossaman Road and south of US 60.)

Period of Record: August 7, 1998 to current year

Discharge, in cfs, Water Year October 1998 to September 1999

Peak flows of interest during Water Year 1999

Day	Peak Discharge (cfs)	Day	Peak Discharge (cfs)
Sep. 19	184	Jul. 15	115
Aug. 31	115		

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												12
2												
3			2									
4												
5												
6			9							12		
7			5									
8												
9												
10												
11												
12												
13												
14												
15										6		
16												
17												
18												
19												23
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31											16	
TOTAL	0	0	16	0	0	0	0	0	0	18	16	35
MEAN	0	0	1	0	0	0	0	0	0	1	1	1
MAX	0	0	15	0	0	0	0	0	0	115	115	184
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	33	0	0	0	0	0	0	36	32	69

WTR YR 1999 TOTAL 85 MEAN 0 MAX 184 MIN 0 AC_FT 169

NOTE: About 50 cfs passes before detection by the instrument.

Flood Flow Frequency (from design sheets)
Magnitude and Probability of Instantaneous Peak Flow
Discharge, in cfs, for Indicated Recurrence Interval
100-year
2,400

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 6628 **Name:** Signal Butte FRS
Drainage Area: 16.4 mi^2 not including area from Apache Junction FRS
Period of Record: November 10, 1987 to current year
Discharge, in cfs, Water Year October 1998 to September 1999

No recorded flows during Water Year 1999

TOTAL	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	0	0	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 1999 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

See also Pool Level and Storage Volume Data.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 6673 **Name:** Apache Jct. FRS
Drainage Area: 5.8 mi^2
Period of Record: November 1987 to current year
Discharge, in cfs, Water Year October 1998 to September 1999

Peak flows of interest during Water Year 1999

Day	Peak Discharge (cfs)	Day	Peak Discharge (cfs)
Jul. 23	29	Oct. 30	10

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23										7		
24										18		
25												
26												
27												
28												
29												
30	1											
31												
TOTAL	1	0	0	0	0	0	0	0	0	25	0	0
MEAN	0	0	0	0	0	0	0	0	0	1	0	0
MAX	10	0	0	0	0	0	0	0	0	29	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	2	0	0	0	0	0	0	0	0	50	0	0

WTR YR 1999 TOTAL 26 MEAN 0 MAX 29 MIN 0 AC_FT 52

See also Pool Level and Storage Volume Data.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 6683 **Name:** Powerline FRS
Drainage Area: 49.9 mi^2
Period of Record: December 3, 1992 to current year
Discharge, in cfs, Water Year October 1998 to September 1999

Peak flows of interest during Water Year 1999

Day	Peak Discharge (cfs)
Jul. 23	7

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23										1		
24										6		
25										4		
26										1		
27												
28												
29												
30												
31												
TOTAL	0	0	0	0	0	0	0	0	0	12	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	0	0	0	2	0	0	7	4	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	0	0	0	24	1	0

WTR YR 1999 TOTAL 13 MEAN 0 MAX 7 MIN 0 AC_FT 25

See also Pool Level and Storage Volume Data.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 6688 **Name:** Vineyard FRS
Drainage Area: 57.8 mi^2
Period of Record: November 1987 to current year
Discharge, in cfs, Water Year October 1998 to September 1999

Peak flows of interest during Water Year 1999

Day	Peak Discharge (cfs)
Jul. 24	20

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												1
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23										3		
24										17		
25										10		
26										6		
27										3	1	
28										2	4	
29										1	2	
30										1	1	
31												
TOTAL	0	0	0	0	0	0	0	0	0	42	9	1
MEAN	0	0	0	0	0	0	0	0	0	1	0	0
MAX	0	0	0	0	0	0	0	0	0	20	4	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	0	0	0	84	17	1

WTR YR 1999 TOTAL 52 MEAN 0 MAX 20 MIN 0 AC_FT 103

See also Pool Level and Storage Volume Data.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 6703 **Name:** Rittenhouse FRS
Drainage Area: 51.3 mi^2
Period of Record: September 27, 1988 to current year
Discharge, in cfs, Water Year October 1998 to September 1999

Peak flows greater than 3.0 feet gage height during Water Year 1999

Day	Peak Discharge (cfs)	Day	Peak Discharge (cfs)
Jul. 15*	77	Aug. 25	39

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1										---		
2										---		
3										---		
4										---		
5										---		
6										---		
7										---		
8										---		
9										---		
10										---		
11										---		
12										---		
13										---		
14										---		
15										---		4
16										---		1
17										---		
18										---		
19										---		
20										---		
21										---		
22									---	---		
23									---	---		
24									---	---		1
25									---	---	4	
26									---	---	12	
27									---	---	6	
28									---	---	4	
29									---		2	
30									---		1	
31											1	
TOTAL	0	0	0	0	0	0	0	0	0	0	30	5
MEAN	0	0	0	0	0	0	0	0	0	0	1	0
MAX	0	0	0	0	0	0	0	0	0	0	39	11
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	0	0	0	0	59	11

WTR YR 1999 TOTAL 35 MEAN 0 MAX 39 MIN 0 AC_FT 70

*** Gage was down due to vandalism from June 22, 1999 to July 29, 1999. A significant event on July 14 – 15 was missed. The discharge value is from the rating based on high water marks on the staff gage.**

See also Pool Level and Storage Volume Data.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 6707* **Name:** Queen Creek at Rittenhouse Road
Drainage Area: Undetermined
Period of Record: September 14, 1993 to current year

Discharge, in cfs, Water Year October 1998 to September 1999

No recorded flow during Water Year 1999

TOTAL	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	0	0	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 1999 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

*** Gage ID number changed during Water Year 1997 from 6713 to 6707 to mitigate radio interference problems.**

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 6723 **Name:** Queen Creek @ CAP
Drainage Area: 256 mi^2
Period of Record: January 14, 1999 to current year
Discharge, in cfs, Water Year October 1998 to September 1999

Peak flows of interest during Water Year 1999

Day	Peak Discharge (cfs)
Sep. 16	370

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												24
2												1
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												180
17												4
18												1
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30											2	
31												
TOTAL	---	---	---	0	0	0	0	0	0	3	0	211
MEAN	---	---	---	0	0	0	0	0	0	0	0	7
MAX	---	---	---	0	0	0	1	0	0	4	0	370
MIN	---	---	---	0	0	0	0	0	0	0	0	0
AC_FT	---	---	---	0	0	0	0	0	0	5	0	419

WTR YR 1999 TOTAL 213 MEAN 1 MAX 370 MIN 0 AC_FT 423

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 6738 **Name:** Whitlow Ranch Dam
Drainage Area: 143 mi^2
Period of Record: FCDMC – January 8, 1998 to current year

Refer to U.S. Army Corps of Engineers, Los Angeles District for official data at this site.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 6813 **Name:** Buckeye FRS #3
Drainage Area: 9.3 mi^2
Period of Record: November 23, 1992 to current year
Discharge, in cfs, Water Year October 1998 to September 1999

One flow of record during Water Year 1999

Day	Peak Discharge (cfs)
Apr. 2	4

TOTAL	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	0	0	0	4	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 1999 TOTAL 0 MEAN 0 MAX 4 MIN 0 AC_FT 0

See also Pool Level and Storage Volume Data.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 6823 **Name:** White Tanks #4 FRS
Drainage Area: 18.6 mi^2 (White Tanks ADMS)
Period of Record: November 1987 to current year
Discharge, in CFS, Water Year October 1998 to September 1999

No recorded flows during Water Year 1999

TOTAL	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	0	0	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 1999 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

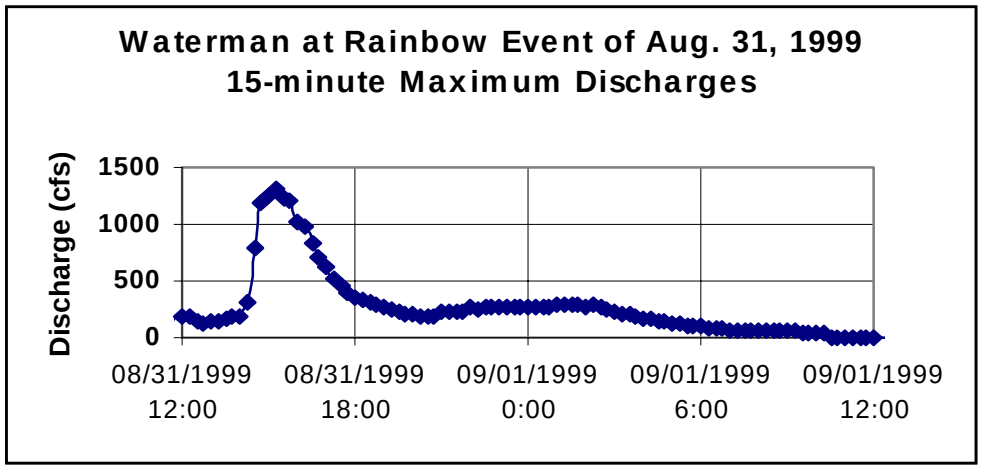
Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 6833 **Name:** Waterman @ Rainbow
Drainage Area: 362 mi^2
Period of Record: March 18, 1999 to current year
Discharge, in cfs, Water Year October 1998 to September 1999

Peak flows of interest since installation in Water Year 1999

Day	Peak Discharge (cfs)	Day	Peak Discharge (cfs)
Aug. 31	1,320	Jul. 28	349
Jul. 14	270	Jul. 8	235



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Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 6833 **Name:** Waterman @ Rainbow
Drainage Area: 362 mi^2
Period of Record: March 18, 1999 to current year
Discharge, in cfs, Water Year October 1998 to September 1999

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---						66
2	---	---	---	---	---	---						
3	---	---	---	---	---	---						
4	---	---	---	---	---	---					2	
5	---	---	---	---	---	---					1	
6	---	---	---	---	---	---						
7	---	---	---	---	---	---						
8	---	---	---	---	---	---				92		
9	---	---	---	---	---	---	---			4	3	
10	---	---	---	---	---	---	---					
11	---	---	---	---	---	---	---			7		
12	---	---	---	---	---	---				1	4	
13	---	---	---	---	---	---				21	2	
14	---	---	---	---	---	---				150		
15	---	---	---	---	---	---				76		
16	---	---	---	---	---	---				21	1	
17	---	---	---	---	---	---				15	6	
18	---	---	---	---	---							
19	---	---	---	---	---							
20	---	---	---	---	---							
21	---	---	---	---	---				1			
22	---	---	---	---	---						7	
23	---	---	---	---	---						1	
24	---	---	---	---	---			2				
25	---	---	---	---	---							
26	---	---	---	---	---							
27	---	---	---	---	---							
28	---	---	---	---	---					141		
29	---	---	---	---	---					62		
30	---	---	---	---	---					27		
31	---	---	---	---	---					11	212	
TOTAL	---	---	---	---	---	0	0	2	2	628	238	66
MEAN	---	---	---	---	---	0	0	0	0	20	8	2
MAX	---	---	---	---	---	0	0	7	35	349	1320	294
MIN	---	---	---	---	---	0	0	0	0	0	0	0
AC_FT	---	---	---	---	---	0	0	4	3	1246	473	130

WTR YR 1999 TOTAL 936 MEAN 3 MAX 1320 MIN 0 AC_FT 1856

NOTE: This location regularly receives irrigation tail water of < 5 cfs.

Gage installed on March 18, 1999.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 6848 **Name:** Gila R. @ 116th Ave
Drainage Area: 43,300 mi^2 (approximate)
Period of Record: December 21, 1998 to current year*
Discharge, in cfs, Water Year October 1998 to September 1999

No recorded flows since installation during Water Year 1999**

TOTAL	---	---	0	0	0	0	0	0	0	0	0	0
MEAN	---	---	0	0	0	0	0	0	0	0	0	0
MAX	---	---	0	0	0	0	0	0	0	0	0	0
MIN	---	---	0	0	0	0	0	0	0	0	0	0
AC_FT	---	---	0	0	0	0	0	0	0	0	0	0

WTR YR 1999 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

***Gage installed on December 21, 1998, replacing FCDMC gage #6863 at the old 115th Avenue Gila River crossing. Old gage was in service from November 6, 1997 until installation of new gage 6848.**

****An undetermined amount of flow occurs more or less continually at this location below the gage.**

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 6853 **Name:** Gila @ Estrella Pky
USGS Gage: 09514100 (Gila River at Estrella Parkway nr Goodyear, AZ)
Drainage Area: 45,585 mi^2

See *USGS Water-Data Report AZ-99-1* for data for this site.

Flood Flow Frequency (source: Table 2-4 from *Study for Modified Roosevelt Dam*)				
Magnitude and Probability of Instantaneous Peak Flow				
Discharge, in cfs, for Indicated Recurrence Interval				
5-year	10-year	20-year	50-year	100-year
20,000	50,000	84,000	170,000	217,000

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 6893 **Name:** Estrella Fan
Drainage Area: 1.0 mi^2
Period of Record: April 30, 1993 to current year
Revised Records: WY1997: WY1996
Discharge, in cfs, Water Year October 1998 to September 1999

No recorded flows during Water Year 1999

TOTAL	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	0	0	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 1999 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

Flood Flow Frequency (based on HEC-1 analysis, 1997)					
Magnitude and Probability of Instantaneous Peak Flow					
Discharge, in cfs, for indicated Recurrence Interval					
2-year	5-year	10-year	25-year	50-year	100-year
310	860	1,280	1,800	2,250	2,710

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 6923 **Name:** Sauceda Wash
Drainage Area: 126 mi^2
Period of Record: February 28, 1990 to current year*
Discharge, in cfs, Water Year October 1998 to September 1999

Peak flows of interest during Water Year 1999**

Day	Peak Discharge (cfs)	Day	Peak Discharge (cfs)
Jul. 14	105***	Sep. 16	40***

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2							4					
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14										5		
15										7		
16												3
17												17
18										3		
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												
TOTAL	0	0	0	0	0	0	4	0	0	16	0	20
MEAN	0	0	0	0	0	0	0	0	0	1	0	1
MAX	0	0	0	0	0	0	31	0	0	105	0	40
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	9	0	0	31	0	40

WTR YR 1999 TOTAL 40 MEAN 0 MAX 284 MIN 0 AC_FT 80

*** USGS maintained a crest stage gage at this location from 11/27/1963 to 09/30/1979. In 1990, a joint USGS/FCDMC continuous station was installed. The USGS continuous station was discontinued 10/01/1994. Since Water Year 1995, the continuous station has been operated by the FCDMC and the crest stage gage by the USGS.**

**** See also USGS crest stage gage, 09519760, data for this site.**

***** USGS reported these maximum discharges at their crest gage based on the bridge culverts being partially filled with sediment.**

Flood Flow Frequency (based on HECWRC implementation of Bulletin 17B, n = 25, station skew used based on examination of observed data plots)					
Magnitude and Probability of Instantaneous Peak Flow					
Discharge, in cfs, for indicated Recurrence Interval					
2-year	5-year	10-year	25-year	50-year	100-year
530	1,640	2,610	3,640	5,020	6,040

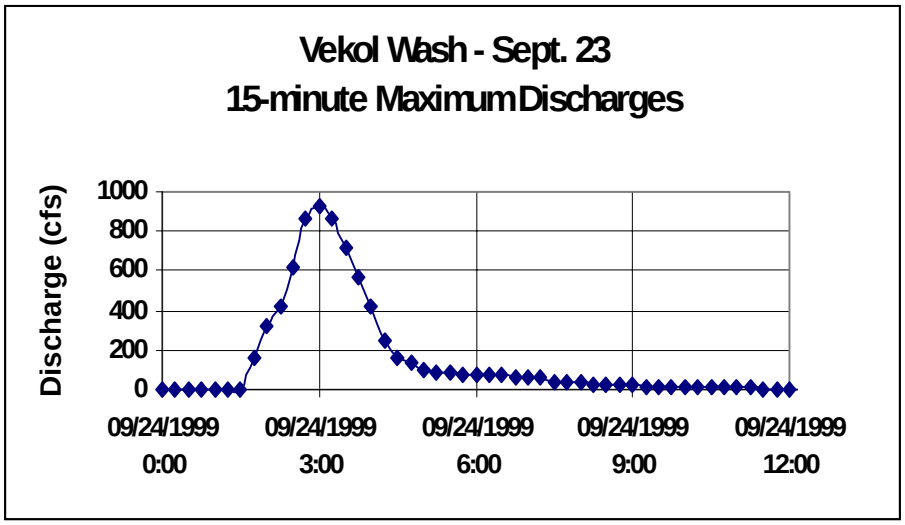
Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 6983 **Name:** Vekol Wash
Drainage Area: 150 mi^2
Period of Record: FCDMC Continuous Station: March 7, 1990 to current year
USGS Continuous Station: 1990 – 1996 (09488650)
USGS Crest Stage Gage: 1996 – current year (09488650)
Discharge, in cfs, Water Year October 1998 to September 1999

Peak flows of interest during Water Year 1999

Day	Peak Discharge (cfs)	Day	Peak Discharge (cfs)
Sep. 23	925	Jul. 14	698
Aug. 20	605	Jul. 7	454



Flood Flow Frequency (based on regional equations for Region 13 as shown in USGS WSP 2433)					
Magnitude and Probability of Instantaneous Peak Flow					
Discharge, in cfs, for indicated Recurrence Interval					
2-year	5-year	10-year	25-year	50-year	100-year
1,600	3,660	5,700	9,030	12,000	15,600

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Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 6983 **Name:** Vekol Wash
Drainage Area: 150 mi^2
Period of Record: FCDMC Continuous Station: March 7, 1990 to current year
USGS Continuous Station: 1990 – 1996 (09488650)
USGS Crest Stage Gage: 1996 – current year (09488650)

Discharge, in cfs, Water Year October 1998 to September 1999

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7										20		
8										1		
9												
10												
11												
12												
13										41		
14										46		
15										2		14
16												1
17												
18												
19												
20											25	
21												
22												
23												73
24												
25												
26												
27												
28											23	
29										3	5	
30												
31												
TOTAL	0	0	0	0	0	0	0	0	0	112	54	88
MEAN	0	0	0	0	0	0	0	0	0	4	2	3
MAX	0	0	0	0	0	0	0	0	0	698	605	925
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	0	0	0	222	107	175

WTR YR 1999 TOTAL 254 MEAN 1 MAX 925 MIN 0 AC_FT 504

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

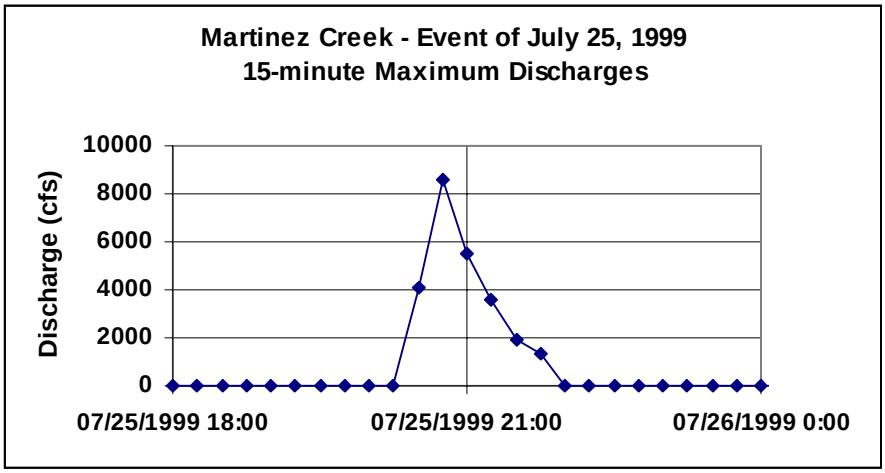
Station Number: 7013 **Name:** Martinez Creek
Drainage Area: 109 mi^2
Period of Record: November 23, 1994 to current year
Discharge, in cfs, Water Year October 1998 to September 1999

One recorded flow during Water Year 1999

Day	Peak Discharge (cfs)
Jul. 25	8,569

TOTAL	0	0	0	0	0	0	0	0	0	181	0	0
MEAN	0	0	0	0	0	0	0	0	0	6	0	0
MAX	0	0	0	0	0	0	0	0	0	8569	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	0	0	0	359	0	0

WTR YR 1999 TOTAL 181 MEAN 0 MAX 8569 MIN 0 AC_FT 359



Note (1): Flows below about 3,000 cfs are considered approximate at best due to multiple channel configuration of Martinez Creek at the gage location. The rating for flows above 3,000 cfs are still considered poor due to the expanding downstream reach, mobile bed conditions, and the angle of attack of flow at the gage.

Note (2): The pressure transducer at this gage site was lowered on August 31, 1999 to account for the significant scour of the channel that occurred during the July 25 event.

Flood Flow Frequency (based on R. W. Cruff analysis, 1995 combining FEMA, 1994 and Box Canyon relation shape)					
Magnitude and Probability of Instantaneous Peak Flow					
Discharge, in cfs, for indicated Recurrence Interval					
2-year	5-year	10-year	25-year	50-year	100-year
1,520	5,000	9,220	18,000	27,400	32,000

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 7043 **Name:** Sols Wsh nr Matthie
Drainage Area: 121 mi^2
Period of Record: August 4, 1995 to current year
Discharge, in cfs, Water Year October 1998 to September 1999

Peak flows of interest during Water Year 1999*

Day	Peak Discharge (cfs)	Day	Peak Discharge (cfs)
Jul. 18	528	Jul. 15	468

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15										61		
16												
17												
18										33		
19										114		
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												
TOTAL	0	0	0	0	0	0	0	0	0	209	0	0
MEAN	0	0	0	0	0	0	0	0	0	7	0	0
MAX	0	0	0	0	0	0	0	0	0	528	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	0	0	0	414	0	0

WTR YR 1999 TOTAL 209 MEAN 1 MAX 528 MIN 0 AC_FT 414

*** About 220 cfs pass below the instrument.**

Flood Flow Frequency (FEMA Sept. 1995)		
Magnitude and Probability of Instantaneous Peak Flow		
Discharge, in cfs, for indicated Recurrence Interval		
10-year	50-year	100-year
4,800	9,800	12,250

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 7063 **Name:** Hartman Wash
Drainage Area: 5.4 mi^2
Period of Record: FCDMC: July 6, 1994 to current year
USGS: Crest Stage Data, WY 1964-1979 and 1992 to current year (09515800)
Revised Records: WY1996: WY1995
Discharge, in cfs, Water Year October 1998 to September 1999

Peak flow of interest during Water Year 1999*

Day	Peak Discharge (cfs)
Jul. 15	97

TOTAL	0	0	0	0	0	0	0	0	0	1	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	0	0	0	0	0	0	97	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	0	0	0	2	0	0

WTR YR 1999 TOTAL 1 MEAN 0 MAX 97 MIN 0 AC_FT 2

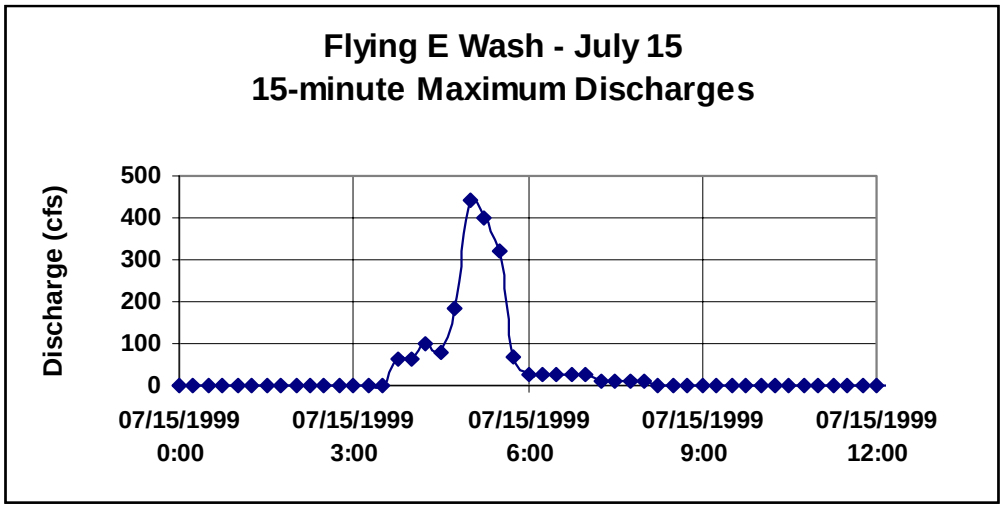
Flood Flow Frequency (based on HECWRC implementation of Bulletin 17B, n = 24, station skew used based on examination of observed data plots)					
Magnitude and Probability of Instantaneous Peak Flow					
Discharge, in cfs, for indicated Recurrence Interval					
2-year	5-year	10-year	25-year	50-year	100-year
200	1,020	1,890	2,840	4,110	4,990

Flood Control District of Maricopa County ALERT System
Computation of Continuous Records of Streamflow

Station Number: 7083 **Name:** Flying E Wash
Drainage Area: 8.5 mi^2 (4 mi^2 partially controlled by three stock tanks)
Period of Record: July 12, 1994 to current year
Revised Records: WY1996: WY1994-1995
Discharge, in cfs, Water Year October 1998 to September 1999

Peak flows of interst during Water Year 1999

Day	Peak Discharge (cfs)	Day	Peak Discharge (cfs)
Jul. 15	444	Aug. 31	192



Flood Flow Frequency (based on Wickenburg ADMS HEC-1 and R. W. Cruff, 1995 graphical extension)					
Magnitude and Probability of Instantaneous Peak Flow					
Discharge, in cfs, for indicated Recurrence Interval					
2-year	5-year	10-year	25-year	50-year	100-year
890	2,200	3,490	4,770	5,860	6,940

continued on next page

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 7083 **Name:** Flying E Wash
Drainage Area: 8.5 mi^2 (4 mi^2 partially controlled by three stock tanks)
Period of Record: July 12, 1994 to current year
Revised Records: WY1996: WY1994-1995
Discharge, in cfs, Water Year October 1998 to September 1999

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2							8					
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15										13		
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28											1	
29												
30												
31											6	
TOTAL	0	0	0	0	0	0	8	0	0	13	7	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	5	8	0	0	0	0	86	0	0	444	192	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	16	0	0	25	13	0

WTR YR 1999 TOTAL 28 MEAN 0 MAX 444 MIN 0 AC_FT 55

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 7093 **Name:** Casandro Wash
Drainage Area: 0.61 mi^2
Period of Record: July 12, 1994 to current year
Discharge, in cfs, Water Year October 1998 to September 1999

Two recorded flows during Water Year 1999

Day	Peak Discharge (cfs)	Day	Peak Discharge (cfs)
Aug. 31	66	Jul. 15	42

TOTAL	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	0	0	0	0	0	0	42	66	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	0	0	0	0	1	0

WTR YR 1999 TOTAL 1 MEAN 0 MAX 66 MIN 0 AC_FT 1

Flood Flow Frequency (based on FEMA, 9/95 and R. W. Cruff, 1995 graphical extension)					
Magnitude and Probability of Instantaneous Peak Flow					
Discharge, in cfs, for indicated Recurrence Interval					
2-year	5-year	10-year	25-year	50-year	100-year
5	20	50	200	500	800

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 7113 **Name:** Powder House Wash
Drainage Area: 1.8 mi^2
Period of Record: May 18, 1995 to current year
Discharge, in cfs, Water Year October 1998 to September 1999

One flow during Water Year 1999

Day	Peak Discharge (cfs)
Jul. 15	23

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
TOTAL	0	0	0	0	0	0	0	0	0	1	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	0	0	0	0	0	0	23	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	0	0	0	1	0	0

WTR YR 1999 TOTAL 1 MEAN 0 MAX 23 MIN 0 AC_FT 1

Flood Flow Frequency (FEMA Sept. 1995)		
Magnitude and Probability of Instantaneous Peak Flow		
Discharge, in cfs, for indicated Recurrence Interval		
10-year	50-year	100-year
300	1,300	1,900

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Streamflow

Station Number: 7133 **Name:** Casandro Dam
Drainage Area: 1.3 mi^2
Period of Record: August 15, 1996 to current year
Discharge, in cfs, Water Year October 1998 to September 1999

Peak flows of interest during Water Year 1999

Day	Peak Discharge (cfs)	Day	Peak Discharge (cfs)
Jul. 15	15	Aug. 31	15

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												4
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15										6		
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31											4	
TOTAL	0	0	0	0	0	0	0	0	0	6	4	4
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	0	0	0	0	0	0	15	15	13
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	0	0	0	13	8	8

WTR YR 1999 TOTAL 14 MEAN 0 MAX 15 MIN 0 AC_FT 29

See also Pool Level and Storage Volume Data.

POOL LEVEL DATA

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Reservoir Depths

Station Number: 768 **Name:** Tat Momolikot Dam
Drainage Area: 1,780 mi^2
Period of Record: January 21, 1998 to current year

Refer to U.S. Army Corps of Engineers, Los Angeles District for official data for this site.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Reservoir Depths

Station Number: 4563 **Name:** Spookhill FRS
Drainage Area: 13.6 mi^2
Period of Record: November 1987 to current year
Depth, in feet, Water Year October 1998 to September 1999

Maximum levels of interest during Water Year 1999

Day	Maximum Level (feet)	Day	Maximum Level (feet)
Sep. 14	0.76		

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
2	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
3	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
4	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
8	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
9	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
10	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
11	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
12	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
13	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
14	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
15	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
16	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
17	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
18	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
19	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
20	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
21	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
22	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
23	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
24	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
25	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
26	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
27	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
28	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
29	0.6	0.6	0.6	0.6	---	0.6	0.6	0.6	0.6	0.6	0.6	0.6
30	0.6	0.6	0.6	0.6	---	0.6	0.6	0.6	0.6	0.6	0.6	0.6
31	0.6	---	0.6	0.6	---	0.6	---	0.6	---	0.6	0.6	---
MEAN	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
MAX	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.8
MIN	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6

WTR YR 1999 MEAN 0.59 MAX 0.76 MIN 0.59

See also Surface Water Streamflow and Storage Volume Data.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Reservoir Depths

Station Number: 4648 **Name:** E.Fork CC #1
Drainage Area: 1.18 mi^2
Period of Record: March 2, 1994 to current year
Depth, in feet, Water Year October 1998 to September 1999

Maximum levels of interest during Water Year 1999

Day	Maximum Level (feet)	Day	Maximum Level (feet)
Jul. 14	1.25	Oct. 30	1.23
Jul. 18	1.02		

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
4	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
6	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
7	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
8	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
9	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
10	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
11	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
12	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
13	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
14	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	***0.2***	0.1	0.1
15	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	***0.2***	0.1	0.1
16	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
17	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
18	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
19	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
20	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
21	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
22	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
23	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
24	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
25	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
26	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
27	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
28	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
29	0.1	0.1	0.1	0.1	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1
30	0.1	0.1	0.1	0.1	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1
31	0.1	---	0.1	0.1	---	0.1	---	0.1	---	0.1	0.1	---
MEAN	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
MAX	1.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1.2	0.1	0.1
MIN	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

WTR YR 1999 MEAN 0.10 MAX 1.25 MIN 0.10

See also Surface Water Streamflow and Storage Volume data.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Reservoir Depths

Station Number: 4653 **Name:** Tatum Basin Outflow
Drainage Area: 2.17 mi^2
Period of Record: May 8, 1998 to current year
Depth, in feet, Water Year October 1998 to September 1999

Maximum levels of interest during Water Year 1999

Day	Maximum Level (feet)	Day	Maximum Level (feet)
Jul. 14	0.38		

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
4	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
6	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
7	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
8	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
9	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
10	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
11	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
12	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
13	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
14	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
15	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	***0.3***	0.1	0.1
16	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
17	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
18	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
19	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
20	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
21	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
22	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
23	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
24	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
25	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
26	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
27	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
28	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
29	0.1	0.1	0.1	0.1	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1
30	0.1	0.1	0.1	0.1	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1
31	0.1	---	0.1	0.1	---	0.1	---	0.1	---	0.1	0.1	---
MEAN	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
MAX	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.4	0.1	0.1
MIN	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

WTR YR 1999 MEAN 0.05 MAX 0.38 MIN 0.05

See also Surface Water Streamflow and Storage Volume data.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Reservoir Depths

Station Number: 4658 **Name:** E.Fork CC #4
Drainage Area: 0.68 mi^2
Period of Record: January 18, 1994 to current year
Depth, in feet, Water Year October 1998 to September 1999

Maximum levels of interest during Water Year 1999

Day	Maximum Level (feet)	Day	Maximum Level (feet)

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	***0.2***	***0.1***
2	0.0	0.0	***0.2***	0.0	0.0	0.0	***0.6***	0.0	0.0	0.0	***0.1***	***0.2***
3	0.0	0.0	***0.2***	0.0	0.0	0.0	***0.1***	0.0	0.0	0.0	***0.1***	***0.1***
4	0.0	0.0	0.0	0.0	0.0	0.0	***0.3***	0.0	0.0	0.0	***0.1***	0.0
5	0.0	0.0	0.0	0.0	***0.2***	0.0	***0.2***	0.0	0.0	0.0	***0.1***	0.0
6	0.0	0.0	***0.2***	0.0	***0.2***	0.0	***0.2***	0.0	0.0	***0.1***	***0.3***	0.0
7	0.0	0.0	***0.1***	0.0	***0.2***	0.0	***0.1***	0.0	0.0	***0.3***	***0.2***	0.0
8	0.0	0.0	0.0	0.0	***0.1***	0.0	0.0	0.0	0.0	***0.2***	***0.2***	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	***0.1***	***0.1***	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	***0.1***	***0.1***	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	***0.1***	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	***0.1***	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	***0.5***	0.0	***0.2***
15	0.0	0.0	***0.3***	0.0	0.0	0.0	0.0	0.0	0.0	***0.4***	0.0	***0.3***
16	0.0	0.0	***0.2***	0.0	0.0	**0.2**	0.0	0.0	0.0	***0.2***	0.0	***0.1***
17	0.0	0.0	***0.1***	0.0	0.0	***0.3***	0.0	0.0	0.0	***0.2***	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	***0.5***	***0.1***	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	***0.3***	***0.3***	***0.1***
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	***0.2***	***0.2***	***0.3***
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	***0.1***	***0.2***	***0.2***
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	***0.2***	***0.1***	***0.1***
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	***0.4***	***0.1***	***0.3***
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	***0.3***	***0.0***	***0.2***
25	***0.2***	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	***0.2***	***0.0***	***0.1***
26	***0.3***	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	***0.2***	***0.0***	***0.1***
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	***0.2***	***0.2***	***0.1***
28	0.0	***0.1***	0.0	0.0	0.0	0.0	0.0	0.0	0.0	***0.2***	***0.3***	0.0
29	0.0	***0.2***	0.0	0.0	---	0.0	0.0	0.0	0.0	***0.3***	***0.2***	0.0
30	***0.4***	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	***0.3***	***0.2***	0.0
31	***0.1***	---	0.0	0.0	---	0.0	---	0.0	---	***0.2***	***0.2***	---
MEAN	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.2	0.1	0.1
MAX	2.4	0.9	1.1	0.0	2.4	0.8	1.5	0.0	0.0	3.7	2.4	1.8
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

WTR YR 1999 MEAN 0.05 MAX 3.65 MIN 0.00

See also Surface Water Streamflow and Storage Volume data.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Reservoir Depths

Station Number: 4683 **Name:** E.Fork CC #3
Drainage Area: 3.52 mi^2 (1.86 mi^2 controlled by EFCC #1 and EFCC #4)
Period of Record: September 13, 1994 to current year
Depth, in feet, Water Year October 1998 to September 1999

Maximum levels of interest during Water Year 1999

Day	Maximum Level (feet)	Day	Maximum Level (feet)
Jul. 14	3.6		

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
5	0.2	0.2	0.2	0.2	0.2	0.2	***0.3***	0.2	0.2	0.2	0.2	0.2
6	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
7	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
8	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
9	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
10	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
11	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
12	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
13	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
14	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	***0.4***	0.2	0.2
15	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
16	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
17	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
18	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
19	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
20	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
21	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
22	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
23	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
24	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
25	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
26	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
27	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
28	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
29	0.2	0.2	0.2	0.2	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2
30	0.2	0.2	0.2	0.2	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2
31	0.2	---	0.2	0.2	---	0.2	---	0.2	---	0.2	0.2	---
MEAN	0.2	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
MAX	0.6	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2	3.6	0.2	0.2
MIN	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2

WTR YR 1999 MEAN 0.15 MAX 3.60 MIN 0.15

Flows up to about the 2-year event are passed beneath the detention basin via storm drains.

See also Surface Water Streamflow and Storage Volume data.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Reservoir Depths

Station Number: 4803 **Name:** Dreamy Draw Dam
Drainage Area: 1.3 mi^2
Period of Record: November 1987 to current year
Revised Records: WY1996: WY1995
Depth, in feet, Water Year October 1998 to September 1999

Maximum levels of interest during Water Year 1999

Day	Maximum Level (feet)	Day	Maximum Level (feet)
Nov. 9	2.05	Jul. 14	0.80

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	---	0.0	---	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	***0.1***	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	***0.2***	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	---	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	---	---	---	---	0.0	---	0.0	---	0.0	0.0	---
MEAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAX	0.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

WTR YR 1999 MEAN 0.09 MAX 2.05 MIN 0.00

Gage was down from December 24 – 31, and January 30 – February 4. No significant events were missed.

See also Surface Water Streamflow and Storage Volume data.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Reservoir Depths

Station Number: 4818 **Name:** 10 St.Wash Basin #1
Drainage Area: 1.21 mi^2
Period of Record: November 26, 1996 to current year
Depth, in feet, Water Year October 1998 to September 1999

Maximum levels of interest during Water Year 1999

Day	Maximum Level (feet)	Day	Maximum Level (feet)
Sep. 19	2.50	Aug. 27	1.83

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
5	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
6	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	***0.4***	0.3
7	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	***0.4***	0.3	0.3
8	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
9	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
10	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
11	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
12	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
13	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
14	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	***0.4***	0.3	0.3
15	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
16	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
17	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
18	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
19	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	***0.6***
20	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	***0.7***
21	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
22	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
23	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
24	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
25	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
26	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
27	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	***0.6***	0.3
28	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	***0.5***	0.3
29	0.3	0.3	0.3	0.3	---	0.3	0.3	0.3	0.3	0.3	0.3	0.3
30	0.3	0.3	0.3	0.3	---	0.3	0.3	0.3	0.3	0.3	0.3	0.3
31	0.3	---	0.3	0.3	---	0.3	---	0.3	---	0.3	0.3	---
MEAN	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
MAX	0.8	0.3	0.4	0.3	0.6	0.3	0.7	0.3	0.3	1.2	1.8	2.5
MIN	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3

WTR YR 1999 MEAN 0.30 MAX 2.50 MIN 0.30

See also Surface Water Streamflow and Storage Volume data.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Reservoir Depths

Station Number: 4904 **Name:** CaveButtes Dam Pool
Drainage Area: 191 mi^2
Period of Record: November 1987 to current year
Depth, in feet, Water Year October 1998 to September 1999

Maximum levels of interest during Water Year 1999

Day	Maximum Level (feet)	Day	Maximum Level (feet)
Jul. 15	16.95	Jul. 19	11.60
Oct. 30	3.60		

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.9	1.9	1.9	1.9	---	1.9	1.9	1.9	1.9	1.9	1.9	1.9
2	1.9	1.9	1.9	1.9	---	1.9	1.9	1.9	1.9	1.9	1.9	1.9
3	1.9	1.9	1.9	1.9	---	1.9	1.9	1.9	1.9	1.9	1.9	1.9
4	1.9	1.9	1.9	1.9	---	1.9	1.9	1.9	1.9	1.9	1.9	1.9
5	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
6	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	***2.6***	1.9	1.9
7	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	***2.3***	1.9	1.9
8	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	***2.3***	1.9	1.9
9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
10	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
11	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
12	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
13	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
14	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	***4.5***	1.9	1.9
15	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	***13.4***	1.9	1.9
16	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	***13.1***	1.9	1.9
17	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	***3.1***	1.9	1.9
18	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	***2.4***	1.9	1.9
19	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	***5.9***	1.9	1.9
20	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
21	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
22	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
23	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	***2.0***	1.9	1.9
24	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	***2.2***	1.9	1.9
25	1.9	1.9	---	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
26	***2.1***	1.9	---	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
27	1.9	1.9	---	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
28	1.9	1.9	---	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
29	1.9	1.9	---	1.9	---	1.9	1.9	1.9	1.9	1.9	1.9	1.9
30	***2.4***	1.9	---	1.9	---	1.9	1.9	1.9	1.9	1.9	1.9	1.9
31	***2.1***	---	---	---	---	1.9	---	1.9	---	1.9	1.9	---
MEAN	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	3.0	1.9	1.9
MAX	3.6	1.9	1.9	2.0	1.9	1.9	1.9	1.9	1.9	16.9	1.9	1.9
MIN	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9

WTR YR 1999 MEAN 1.99 MAX 16.95 MIN 1.90

Gage was down December 25 – 31, and January 31 – February 4. No significant events were missed.

See also Surface Water Streamflow and Storage Volume data.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Reservoir Depths

Station Number: 4938 **Name:** Reata Pass Dam
Drainage Area: Undetermined
Period of Record: February 25, 1993 to December 22, 1998*
Depth, in feet, Water Year October 1998 to September 1999

No recorded impoundments during Water Year 1999

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.2	0.2	0.2	---	---	---	---	---	---	---	---	---
2	0.2	0.2	0.2	---	---	---	---	---	---	---	---	---
3	0.2	0.2	0.2	---	---	---	---	---	---	---	---	---
4	0.2	0.2	0.2	---	---	---	---	---	---	---	---	---
5	0.2	0.2	0.2	---	---	---	---	---	---	---	---	---
6	0.2	0.2	0.2	---	---	---	---	---	---	---	---	---
7	0.2	0.2	0.2	---	---	---	---	---	---	---	---	---
8	0.2	0.2	0.2	---	---	---	---	---	---	---	---	---
9	0.2	0.2	0.2	---	---	---	---	---	---	---	---	---
10	0.2	0.2	0.2	---	---	---	---	---	---	---	---	---
11	0.2	0.2	0.2	---	---	---	---	---	---	---	---	---
12	0.2	0.2	0.2	---	---	---	---	---	---	---	---	---
13	0.2	0.2	0.2	---	---	---	---	---	---	---	---	---
14	0.2	0.2	0.2	---	---	---	---	---	---	---	---	---
15	0.2	0.2	0.2	---	---	---	---	---	---	---	---	---
16	0.2	0.2	0.2	---	---	---	---	---	---	---	---	---
17	0.2	0.2	0.2	---	---	---	---	---	---	---	---	---
18	0.2	0.2	0.2	---	---	---	---	---	---	---	---	---
19	0.2	0.2	0.2	---	---	---	---	---	---	---	---	---
20	0.2	0.2	0.2	---	---	---	---	---	---	---	---	---
21	0.2	0.2	0.2	---	---	---	---	---	---	---	---	---
22	0.2	0.2	0.2	---	---	---	---	---	---	---	---	---
23	0.2	0.2	---	---	---	---	---	---	---	---	---	---
24	0.2	0.2	---	---	---	---	---	---	---	---	---	---
25	0.2	0.2	---	---	---	---	---	---	---	---	---	---
26	0.2	0.2	---	---	---	---	---	---	---	---	---	---
27	0.2	0.2	---	---	---	---	---	---	---	---	---	---
28	0.2	0.2	---	---	---	---	---	---	---	---	---	---
29	0.2	0.2	---	---	---	---	---	---	---	---	---	---
30	0.2	0.2	---	---	---	---	---	---	---	---	---	---
31	0.2	---	---	---	---	---	---	---	---	---	---	---
MEAN	0.2	0.2	0.2	---	---	---	---	---	---	---	---	---
MAX	0.2	0.2	0.2	---	---	---	---	---	---	---	---	---
MIN	0.2	0.2	0.2	---	---	---	---	---	---	---	---	---

WTR YR 1999 MEAN 0.18 MAX 0.18 MIN 0.18

***Gage was permanently removed during Water Year 1999 on December 22.**

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Reservoir Depths

Station Number: 5113 **Name:** Saddleback FRS
Drainage Area: 29.6 mi^2 excluding area brought in from Harquahala FRS
Period of Record: December 16, 1988 to current year
Depth, in feet, Water Year October 1998 to September 1999

No recorded impoundments during Water Year 1999

MEAN	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
MAX	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
MIN	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3

WTR YR 1999 MEAN 0.30 MAX 0.30 MIN 0.30

See also Surface Water Streamflow and Storage Volume data.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Reservoir Depths

Station Number: 5128 **Name:** Harquahala FRS
Drainage Area: 102.3 mi^2
Period of Record: March 1, 1994 to current year
Depth, in feet, Water Year October 1998 to September 1999

Maximum levels of interest during Water Year 1999

Day	Maximum Level (feet)	Day	Maximum Level (feet)
Sep. 12	13.76		

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
2	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
6	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
7	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
8	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	***0.8***	0.4	0.4
9	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	***1.0***	0.4	0.4
10	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	***0.9***	0.4	0.4
11	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	***0.7***	0.4	***1.2***
12	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	***12.9***
13	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	***11.5***
14	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	***10.5***
15	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	***9.7***
16	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	***8.6***
17	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	***7.6***
18	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	***6.5***
19	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	***5.6***
20	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	***5.0***
21	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	***4.4***
22	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	***4.0***
23	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	***3.7***
24	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	***3.4***
25	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	***3.1***
26	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	***2.9***
27	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	***2.7***
28	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	***2.5***
29	0.4	0.4	0.4	0.4	---	0.4	0.4	0.4	0.4	0.4	0.4	***2.2***
30	0.4	0.4	0.4	0.4	---	0.4	0.4	0.4	0.4	0.4	0.4	***2.0***
31	0.4	---	0.4	0.4	---	0.4	---	0.4	---	0.4	0.4	---
MEAN	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	3.8
MAX	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	1.2	0.4	13.8
MIN	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4

WTR YR 1999 MEAN 0.67 MAX 13.76 MIN 0.38

NOTE: Gated outlet not opened. Therefore, many days of post-flood impoundment.

See also Surface Water Streamflow and Storage Volume data.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Reservoir Depths

Station Number: 5203 **Name:** Buckeye FRS #1
Drainage Area: 74 mi^2 not including area from Buckeye FRS #2 and #3
Period of Record: November 1987 to current year
Depth, in feet, Water Year October 1998 to September 1999

Maximum levels of interest during Water Year 1999

Day	Maximum Level (feet)	Day	Maximum Level (feet)
Jul. 11	1.61		

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5
2	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5
3	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5
4	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5
5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5
6	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5
7	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5
8	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5
9	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5
10	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	***-2.4***	-2.5	-2.5
11	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	***-0.4***	-2.5	-2.5
12	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	***-2.1***	-2.5	-2.5
13	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5
14	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	***-1.7***	-2.5	-2.5
15	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	***-0.6***	-2.5	-2.5
16	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	***-2.0***	-2.5	-2.5
17	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5
18	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5
19	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5
20	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5
21	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5
22	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5
23	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5
24	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5
25	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5
26	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5
27	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5
28	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5
29	-2.5	-2.5	-2.5	-2.5	---	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5
30	-2.5	-2.5	-2.5	-2.5	---	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5
31	-2.5	---	-2.5	-2.5	---	-2.5	---	-2.5	---	-2.5	-2.5	---
MEAN	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.3	-2.5	-2.5
MAX	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	1.6	-2.5	-2.5
MIN	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5	-2.5

WTR YR 1999 MEAN -2.47 MAX 1.61 MIN -2.49

NOTE: Instrument is 2.49 feet below gage datum zero at invert elevation of principal outlet, which is located in a depressed drop box type inlet structure. Gage datum of 0.00 feet is taken to be the point at the top of the drop box which is level with the ground at the inlet structure.

See also Surface Water Streamflow and Storage Volume data.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Reservoir Depths

Station Number: 5208 **Name:** Buckeye FRS #2
Drainage Area: 5.7 mi^2 without area from Buckeye FRS #2
Period of Record: November 11, 1992 to current year
Depth, in feet, Water Year October 1998 to September 1999

Maximum levels of interest during Water Year 1999

Day	Maximum Level (feet)	Day	Maximum Level (feet)
Jul. 8	0.96		

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4
2	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4
3	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4
4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4
5	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4
6	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4
7	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4
8	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	***-0.8***	-1.4	-1.4
9	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4
10	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4
11	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4
12	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4
13	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4
14	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4
15	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4
16	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4
17	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4
18	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4
19	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.3
20	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4
21	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4
22	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4
23	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4
24	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4
25	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4
26	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4
27	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4
28	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4
29	-1.4	-1.4	-1.4	-1.4	---	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4
30	-1.4	-1.4	-1.4	-1.4	---	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4
31	-1.4	---	-1.4	-1.4	---	-1.4	---	-1.4	---	-1.4	-1.4	---
MEAN	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4
MAX	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	1.0	-1.4	-1.3
MIN	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4

WTR YR 1999 MEAN -1.39 MAX 0.96 MIN -1.39

Instrument 1.39 feet below zero gage datum at invert of principal outlet, which is located in a depressed drop box type inlet structure. Gage datum of 0.00 feet is taken to be the point at the top of the drop box which is level with the ground at the inlet structure.

See also Surface Water Streamflow and Storage Volume data.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Reservoir Depths

Station Number: 5233 **Name:** Sunset FRS
Drainage Area: 0.95 mi^2 (from Wickenburg ADMS)
Period of Record: Febraury 12, 1989 to current year
Depth, in feet, Water Year October 1998 to September 1999

Maximum levels of interest during Water Year 1999

Day	Maximum Level (feet)	Day	Maximum Level (feet)
Jul. 15	6.80	Aug. 31	6.70

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.7	***1.7***	***1.5***	0.7	0.7	0.7	0.7	0.7	0.7	0.7	***2.6***	***5.8***
2	0.7	***1.1***	***1.4***	0.7	0.7	0.7	***2.5***	0.7	**1.2**	0.7	***2.5***	***2.8***
3	0.7	0.7	***1.4***	0.7	0.7	0.7	***2.7***	0.7	**1.2**	0.7	***2.4***	0.7
4	0.7	0.7	***0.9***	0.7	0.7	0.7	***2.5***	0.7	**0.8**	0.7	***2.2***	0.7
5	0.7	0.7	0.7	0.7	***0.9***	0.7	***2.3***	0.7	0.7	0.7	***2.1***	0.7
6	0.7	0.7	0.7	0.7	***1.0***	0.7	***2.1***	0.7	0.7	***0.9***	***2.0***	0.7
7	0.7	0.7	0.7	0.7	0.7	0.7	***1.9***	0.7	0.7	***1.5***	***1.8***	0.7
8	0.7	0.7	0.7	0.7	0.7	0.7	***1.8***	0.7	0.7	***1.2***	***1.7***	0.7
9	0.7	0.7	0.7	0.7	0.7	0.7	***1.6***	0.7	0.7	0.7	***1.6***	0.7
10	0.7	0.7	0.7	0.7	0.7	0.7	***1.5***	0.7	0.7	0.7	***1.5***	0.7
11	0.7	0.7	0.7	0.7	0.7	0.7	***1.4***	0.7	0.7	0.7	***1.4***	***0.9***
12	0.7	0.7	0.7	0.7	0.7	0.7	***1.2***	0.7	0.7	0.7	***1.3***	***1.9***
13	0.7	0.7	0.7	0.7	0.7	0.7	***0.9***	0.7	0.7	0.7	***1.1***	***1.7***
14	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	***0.9***	***1.6***
15	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	***5.4***	0.7	***1.4***
16	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	***6.1***	0.7	***0.8***
17	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	***5.7***	0.7	0.7
18	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	***5.4***	0.7	0.7
19	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	***5.1***	0.7	0.7
20	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	***4.8***	0.7	0.7
21	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	***4.6***	0.7	0.7
22	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	***4.3***	0.7	0.7
23	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	***4.0***	0.7	0.7
24	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	***3.8***	0.7	0.7
25	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	***3.5***	0.7	0.7
26	***1.3***	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	***3.3***	0.7	0.7
27	***0.8***	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	***3.1***	0.7	0.7
28	0.7	***0.9***	0.7	0.7	0.7	0.7	0.7	0.7	0.7	***3.0***	***1.2***	0.7
29	0.7	***2.0***	0.7	0.7	---	0.7	0.7	0.7	0.7	***3.0***	***3.8***	0.7
30	***1.0***	***1.7***	0.7	0.7	---	0.7	0.7	0.7	0.7	***3.0***	***3.4***	0.7
31	***2.2***	---	0.7	0.7	---	0.7	---	0.7	---	***2.8***	***4.2***	---
MEAN	0.8	0.8	0.8	0.7	0.7	0.7	1.2	0.7	0.7	2.7	1.5	1.1
MAX	2.5	2.2	1.6	0.7	1.4	0.7	3.1	0.7	1.6	6.8	6.7	6.4
MIN	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7

WTR YR 1999 MEAN 1.03 MAX 6.80 MIN 0.70

See also Surface Water Streamflow and Storage Volume data.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Reservoir Depths

Station Number: 5248 **Name:** Sunnycove FRS
Drainage Area: 0.98 mi^2 (from Wickenburg ADMS)
Period of Record: November 1987 to current year
Depth, in feet, Water Year October 1998 to September 1999

Maximum levels of interest during Water Year 1999

Day	Maximum Level (feet)	Day	Maximum Level (feet)
Jul. 15	10.07	Aug. 31	7.57

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	***3.7***
2	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	***2.0***
3	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	***1.2***
4	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	***0.6***
5	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	***0.2***
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	***5.8***	0.0	0.0
16	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	***2.9***	0.0	0.0
17	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	***1.0***	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	***0.1***	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	---	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	***0.4***	0.0	---	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	***0.1***	---	---	---	---	0.0	---	0.0	---	0.0	***1.9***	---
MEAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.1	0.3
MAX	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.1	7.6	5.7
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

WTR YR 1999 MEAN 0.05 MAX 10.07 MIN 0.00

Gage was down November 16 – 17, December 24 – 31, and January 30 – February 5. An event of February 4 may have been missed.

See also Surface Water Streamflow and Storage Volume data.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Reservoir Depths

Station Number: 5418 **Name:** White Tanks #3 FRS
Drainage Area: 20.5 mi^2 (White Tanks ADMS)
Period of Record: November 1987 to current year
Depth, in feet, Water Year October 1998 to September 1999

One recorded Impound during Water Year 1999

Day	Maximum Level (feet)
Apr. 2	0.52

MEAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAX	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

WTR YR 1999 MEAN 0.00 MAX 0.52 MIN 0.00

See also Surface Water Streamflow and Storage Volume data.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Reservoir Depths

Station Number: 5448 **Name:** McMicken Dam
Drainage Area: 247 mi^2
Period of Record: November 1987 to current year
Depth, in feet, Water Year October 1998 to September 1999

No recorded impounds during Water Year 1999

MEAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAX	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

WTR YR 1999 MEAN 0.00 MAX 0.00 MIN 0.00

See also Surface Water Streamflow and Storage Volume data.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Reservoir Depths

Station Number: 5539 **Name:** Adobe Dam
Drainage Area: 89.6 mi^2
Period of Record: November 1987 to current year
Depth, in feet, Water Year October 1998 to September 1999

Maximum levels of interest during Water Year 1999

Day	Maximum Level (feet)	Day	Maximum Level (feet)
Jul. 15	6.74		

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.1	0.1	0.1	0.1	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2	0.1	0.1	0.1	0.1	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1
3	0.1	0.1	0.1	0.1	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1
4	0.1	0.1	0.1	0.1	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1
5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
6	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
7	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
8	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
9	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
10	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
11	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
12	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
13	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
14	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	***1.0***	0.1	0.1
15	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	***4.6***	0.1	0.1
16	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	***1.7***	0.1	0.1
17	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	***0.2***	0.1	0.1
18	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
19	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
20	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
21	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
22	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
23	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
24	0.1	0.1	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
25	0.1	0.1	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
26	0.1	0.1	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
27	0.1	0.1	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
28	0.1	0.1	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
29	0.1	0.1	---	0.1	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1
30	0.1	0.1	---	---	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1
31	0.1	---	---	---	---	0.1	---	0.1	---	0.1	0.1	---
MEAN	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.3	0.1	0.1
MAX	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	6.7	0.1	0.1
MIN	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

WTR YR 1999 MEAN 0.12 MAX 6.74 MIN 0.10

Gage was down December 24 – 31, and January 30 – February 4. No significant events were missed.

See also Surface Water Streamflow and Storage Volume data.

Flood Elevation Frequency (from USACE Design Memorandum)					
Magnitude and Probability of Elevation of Impound					
Elevation, in feet gage height, for Indicated Recurrence Invterval					
2-year	5-year	10-year	25-year	50-year	100-year
12.8	18.5	23.3	28.3	31.3	34.5

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Reservoir Depths

Station Number: 5614 **Name:** New River Dam
Drainage Area: 164 mi^2
Period of Record: November 1987 to current year
Depth, in feet, Water Year October 1998 to September 1999

Maximum levels of interest during Water Year 1999

Day	Maximum Level (feet)	Day	Maximum Level (feet)
Jul. 15	5.52		

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.9	2.9	2.9	2.9	---	2.9	2.9	2.9	2.9	2.9	2.9	2.9
2	2.9	2.9	2.9	2.9	---	2.9	2.9	2.9	2.9	2.9	2.9	2.9
3	---	2.9	2.9	2.9	---	2.9	2.9	2.9	2.9	2.9	2.9	2.9
4	---	2.9	2.9	2.9	---	2.9	2.9	2.9	2.9	2.9	2.9	2.9
5	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
6	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
7	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
8	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
10	---	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
11	---	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
12	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
13	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
14	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
15	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	***4.0***	2.9	2.9
16	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	***3.1***	2.9	2.9
17	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
18	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
19	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
20	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
21	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
22	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
23	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
24	2.9	2.9	---	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
25	2.9	2.9	---	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
26	2.9	2.9	---	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
27	2.9	2.9	---	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
28	2.9	2.9	---	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
29	2.9	2.9	---	2.9	---	2.9	2.9	2.9	2.9	2.9	2.9	2.9
30	2.9	2.9	---	---	---	2.9	2.9	2.9	2.9	2.9	2.9	2.9
31	2.9	---	---	---	---	2.9	---	2.9	---	2.9	2.9	---
MEAN	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
MAX	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	5.5	2.9	2.9
MIN	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9

WTR YR 1999 MEAN 2.88 MAX 5.52 MIN 2.88

See also Surface Water Streamflow and Storage Volume data.

Flood Elevation Frequency (from USACE Design Memorandum)					
Magnitude and Probability of Elevation of Impound					
Elevation, in feet gage height, for Indicated Recurrence Invterval					
2-year	5-year	10-year	25-year	50-year	100-year
7.4	12.4	31	40	46.9	53.9

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Reservoir Depths

Station Number: 5968 **Name:** StoneRidge Dam
Drainage Area: 0.86 mi^2
Period of Record: December 11, 1996 to current year
Depth, in feet, Water Year October 1998 to September 1999

Maximum levels of interest during Water Year 1999

Day	Maximum Level (feet)	Day	Maximum Level (feet)
Aug. 31	7.15	Jul. 23	4.67
Apr. 3	2.99	Oct. 26	2.23

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	***3.2***
2	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	***1.9***
3	0.6	0.6	0.6	0.6	0.6	***0.7***	***1.2***	0.6	0.6	0.6	0.6	***0.9***
4	0.6	0.6	0.6	0.6	0.6	***0.7***	***0.7***	0.6	0.6	0.6	0.6	***0.9***
5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	***0.7***	***0.9***
6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	***0.8***	***0.9***
7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	***0.8***
8	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	***0.7***
9	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	***0.7***	0.6	0.6
10	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	***0.8***	0.6	0.6
11	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	***0.8***	0.6	0.6
12	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	***0.8***	0.6	0.6
13	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	***0.7***	0.6	0.6
14	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	***0.7***	0.6	0.6
15	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	***0.8***	0.6	0.6
16	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
17	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
18	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
19	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
20	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
21	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
22	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	***0.7***	0.6	0.6
23	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	***0.9***	0.6	0.6
24	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	***0.7***	0.6	0.6
25	***0.8***	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
26	***0.9***	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
27	***0.7***	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
28	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
29	0.6	0.6	0.6	0.6	---	0.6	0.6	0.6	0.6	0.6	0.6	0.6
30	0.6	0.6	0.6	0.6	---	0.6	0.6	0.6	0.6	0.6	0.6	0.6
31	0.6	---	0.6	0.6	---	0.6	---	0.6	---	0.6	***1.7***	---
MEAN	0.7	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.6	0.7	0.7	0.8
MAX	2.2	0.6	0.6	0.6	0.6	0.8	3.0	0.6	0.6	4.7	7.2	3.3
MIN	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6

WTR YR 1999 MEAN 0.67 MAX 7.15 MIN 0.65

See also Surface Water Streamflow and Storage Volume data.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Reservoir Depths

Station Number: 5973 **Name:** SunRidge Canyon Dam
Drainage Area: 1.6 mi^2
Period of Record: February 4, 1997 to current year
Depth, in feet, Water Year October 1998 to September 1999

Maximum levels of interest during Water Year 1999

Day	Maximum Level (feet)	Day	Maximum Level (feet)
Oct. 26	7.68	Aug. 31	2.02

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
2	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
4	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	***1.4***	1.3
5	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
6	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	***1.4***	1.3
7	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
8	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	***1.4***	1.3
9	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
10	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
11	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
12	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	***1.4***	1.3
13	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	***1.4***	1.3
14	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
15	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
16	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
17	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
18	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
19	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
20	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
21	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
22	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
23	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	***1.4***	1.3	1.3
24	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	***1.4***	1.3	1.3
25	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
26	***1.5***	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	***1.4***	1.3	1.3
27	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	***1.4***	1.3	1.3
28	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	***1.4***	1.3	1.3
29	1.3	1.3	1.3	1.3	---	1.3	1.3	1.3	1.3	***1.4***	1.3	1.3
30	1.3	1.3	1.3	1.3	---	1.3	1.3	1.3	1.3	***1.4***	1.3	1.3
31	1.4	---	1.3	1.3	---	1.3	---	1.3	---	***1.4***	1.3	---
MEAN	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
MAX	7.7	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.8	2.0	1.3
MIN	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3

WTR YR 1999 MEAN 1.29 MAX 7.68 MIN 1.28

See also Surface Water Streamflow and Storage Volume data.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Reservoir Depths

Station Number: 5978 **Name:** GoldenEaglePark Dam
Drainage Area: 7.13 mi^2 of which 2.02 mi^2, 2.13 mi^2, and 1.6 mi^2 are controlled by Aspen, North Heights, and Sunridge Canyon Dams respectively.
Period of Record: December 12, 1996 to current year
Depth, in feet, Water Year October 1998 to September 1999

Maximum levels of interest during Water Year 1999

Day	Maximum Level (feet)	Day	Maximum Level (feet)
Oct. 26	12.10	Aug. 31	4.78

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.1	0.1	***0.2***	0.1	0.1	0.1	***0.2***	0.1	0.1	0.1	0.1	***0.2***
2	0.1	0.1	***0.2***	0.1	0.1	0.1	***0.6***	0.1	0.1	0.1	0.1	***0.2***
3	0.1	0.1	0.1	0.1	0.1	0.1	***0.4***	0.1	0.1	0.1	0.1	0.1
4	0.1	0.1	***0.2***	0.1	0.1	0.1	***0.5***	0.1	0.1	0.1	0.1	0.1
5	0.1	0.1	***0.2***	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
6	0.1	0.1	***0.2***	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
7	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
8	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
9	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
10	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
11	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
12	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
13	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
14	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	***0.4***	0.1	0.1
15	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	***0.4***	0.1	0.1
16	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	***0.2***	0.1	0.1
17	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
18	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
19	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	***0.2***
20	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
21	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
22	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	***0.4***	0.1	0.1
23	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	***0.5***	0.1	0.1
24	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	***0.4***	0.1	***0.2***
25	***0.3***	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	***0.3***	0.1	***0.2***
26	***1.1***	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	***0.4***	0.1	0.1
27	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	***0.3***	***0.2***	0.1
28	0.1	***0.2***	0.1	0.1	0.1	0.1	0.1	0.1	0.1	***0.3***	***0.3***	0.1
29	0.1	***0.2***	0.1	0.1	---	0.1	0.1	0.1	0.1	0.1	***0.3***	0.1
30	0.1	***0.2***	0.1	0.1	---	0.1	0.1	0.1	0.1	0.1	***0.3***	0.1
31	0.1	---	0.1	0.1	---	0.1	---	0.1	---	0.1	***0.5***	---
MEAN	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1
MAX	12.1	0.6	0.6	0.1	0.1	0.1	1.3	0.1	0.1	3.0	4.8	1.6
MIN	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

WTR YR 1999 MEAN 0.12 MAX 12.10 MIN 0.10

See also Surface Water Streamflow and Storage Volume data.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Reservoir Depths

Station Number: 5983 **Name:** North Heights Dam
Drainage Area: 2.13 mi^2
Period of Record: October 11, 1996 to current year
Depth, in feet, Water Year October 1998 to September 1999

Maximum levels of interest during Water Year 1999

Day	Maximum Level (feet)	Day	Maximum Level (feet)
Oct. 26	11.95	Jul. 22	2.79

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
6	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
7	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
8	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
9	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
10	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	***0.3***	0.2	0.2
11	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
12	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
13	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
14	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
15	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
16	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
17	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
18	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
19	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
20	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
21	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
22	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	***0.4***	0.2	0.2
23	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	***0.3***	0.2	0.2
24	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	***0.3***	0.2	0.2
25	***0.3***	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
26	***0.8***	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
27	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
28	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
29	0.2	0.2	0.2	0.2	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2
30	0.2	0.2	0.2	0.2	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2
31	0.2	---	0.2	0.2	---	0.2	---	0.2	---	0.2	0.2	---
MEAN	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
MAX	11.9	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	2.8	0.2	0.2
MIN	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2

WTR YR 1999 MEAN 0.21 MAX 11.95 MIN 0.21

See also Surface Water Streamflow and Storage Volume data.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Reservoir Depths

Station Number: 5988 **Name:** Aspen Dam
Drainage Area: 2.02 mi^2
Period of Record: January 2, 1997 to current year
Depth, in feet, Water Year October 1998 to September 1999

Maximum levels of interest during Water Year 1999

Day	Maximum Level (feet)	Day	Maximum Level (feet)
Oct. 26	3.46		

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	***0.2***
2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	***0.2***	0.1	0.1	0.1
3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	***0.2***	0.1	0.1	0.1
4	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	***0.2***	0.1	0.1	0.1
5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	***0.2***	***0.2***	0.1	0.1
6	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	***0.2***	***0.2***	0.1	0.1
7	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	***0.2***	***0.2***	0.1	0.1
8	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	***0.2***	***0.2***	0.1	0.1
9	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	***0.2***	0.1	0.1
10	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	***0.2***	0.1	0.1
11	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	***0.2***	0.1	0.1
12	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	***0.2***	0.1	0.1
13	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	***0.2***	0.1	0.1
14	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	***0.2***	0.1	0.1
15	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
16	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	***0.2***	0.1	0.1
17	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	***0.2***	0.1	0.1
18	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	***0.2***	0.1	0.1
19	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	***0.2***	0.1	0.1
20	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
21	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
22	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	***0.2***	0.1	0.1
23	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	***0.2***	0.1	0.1
24	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	***0.2***	0.1	0.1
25	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
26	***0.4***	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
27	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
28	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
29	0.1	0.1	0.1	0.1	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1
30	0.1	0.1	0.1	0.1	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1
31	0.1	---	0.1	0.1	---	0.1	---	0.1	---	0.1	0.2	---
MEAN	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1
MAX	3.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	1.3	1.4	0.2
MIN	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

WTR YR 1999 MEAN 0.13 MAX 3.46 MIN 0.12

See also Surface Water Streamflow and Storage Volume data.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Reservoir Depths

Station Number: 5993 **Name:** Hesperus Dam
Drainage Area: 2.91 mi^2
Period of Record: December 18, 1996 to current year
Depth, in feet, Water Year October 1998 to September 1999

Maximum levels of interest during Water Year 1999

Day	Maximum Level (feet)	Day	Maximum Level (feet)
Oct. 26	4.49	Aug. 31	2.05

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
2	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
3	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
4	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
5	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
6	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
7	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
10	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
11	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
12	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
13	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
14	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
15	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
16	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
17	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
18	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
19	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
20	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
21	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
22	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	***1.0***	0.9	0.9
23	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	***1.0***	0.9	0.9
24	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
25	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
26	***1.0***	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
27	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
28	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
29	0.9	0.9	0.9	0.9	---	0.9	0.9	0.9	0.9	0.9	0.9	0.9
30	0.9	0.9	0.9	0.9	---	0.9	0.9	0.9	0.9	0.9	0.9	0.9
31	0.9	---	0.9	0.9	---	0.9	---	0.9	---	0.9	***1.0***	---
MEAN	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
MAX	4.5	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.4	2.0	1.1
MIN	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9

WTR YR 1999 MEAN 0.93 MAX 4.49 MIN 0.93

See also Surface Water Streamflow and Storage Volume data.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Reservoir Depths

Station Number: 6503 **Name:** Guadalupe FRS
Drainage Area: 1.87 mi^2
Period of Record: June 29, 1989 to current year
Depth, in feet, Water Year October 1998 to September 1999

Maximum levels of interest during Water Year 1999

Day	Maximum Level (feet)	Day	Maximum Level (feet)
Jul. 15	4.02		

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
5	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
6	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
7	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
8	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
9	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
10	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
11	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
12	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
13	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
14	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	***0.4***	0.3	0.3
15	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	***2.7***	0.3	0.3
16	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	***1.1***	0.3	0.3
17	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
18	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
19	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
20	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
21	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
22	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
23	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
24	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
25	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
26	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
27	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
28	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
29	0.3	0.3	0.3	0.3	---	0.3	0.3	0.3	0.3	0.3	0.3	0.3
30	0.3	0.3	0.3	0.3	---	0.3	0.3	0.3	0.3	0.3	0.3	0.3
31	0.3	---	0.3	0.3	---	0.3	---	0.3	---	0.3	0.3	---
MEAN	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.3	0.3
MAX	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	4.0	0.3	0.3
MIN	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3

WTR YR 1999 MEAN 0.27 MAX 4.02 MIN 0.26

See also Surface Water Streamflow and Storage Volume data.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Reservoir Depths

Station Number: 6608 **Name:** Freestone Basin
Drainage Area: 4.26 mi^2 (area downstream of Eastern Canal only, does not include area from overflows of Eastern Canal)
Period of Record: December 19, 1996 to current year
Depth, in feet, Water Year October 1998 to September 1999

Maximum levels of interest during Water Year 1999 (10 feet or greater)

Day	Maximum Level (feet)	Day	Maximum Level (feet)
Aug. 28	11.3	Sep. 3	9.93

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.5	4.4	6.3	5.0	4.4	3.8	4.6	2.4	---	---	2.5	6.1
2	4.5	4.5	4.6	5.1	4.4	3.9	6.0	2.4	---	---	1.7	3.0
3	4.6	4.9	3.8	5.1	4.4	4.1	3.9	2.4	---	---	1.2	2.1
4	4.6	4.6	4.0	5.1	4.4	4.6	5.3	2.4	---	---	3.3	3.5
5	4.6	3.8	4.2	2.6	4.4	3.7	4.5	2.4	---	---	2.8	4.5
6	3.3	4.2	4.6	0.6	4.7	4.0	4.0	2.4	---	---	3.5	4.7
7	3.2	4.8	5.3	3.3	5.1	4.4	3.9	2.4	---	---	3.8	3.1
8	3.7	4.8	2.4	4.3	3.0	4.5	4.1	2.4	---	---	4.4	3.2
9	4.0	3.9	0.8	4.5	0.9	5.4	4.1	2.4	---	---	3.4	3.1
10	4.2	2.8	2.0	4.5	3.1	4.4	4.8	2.4	---	---	2.8	2.7
11	4.2	4.3	4.4	4.7	3.5	4.9	5.2	2.4	---	---	2.5	2.7
12	4.4	4.4	4.6	4.9	3.7	5.2	3.9	2.4	---	---	2.9	2.7
13	2.1	4.5	4.7	5.0	3.8	5.2	4.3	2.4	---	---	1.4	1.7
14	2.5	4.6	4.8	5.1	3.9	5.2	4.1	---	---	---	1.5	2.1
15	3.4	4.6	4.8	3.8	4.0	4.0	3.0	---	---	---	2.2	3.6
16	2.4	4.7	2.6	4.2	4.0	4.5	2.7	---	---	---	2.6	3.0
17	1.9	4.7	1.9	5.2	4.2	4.0	3.7	---	---	---	2.8	2.5
18	4.0	4.7	5.3	5.4	4.7	4.3	4.5	---	---	---	2.7	3.2
19	4.0	4.7	5.5	4.3	3.8	4.6	2.7	---	---	---	1.9	4.3
20	4.4	2.3	5.5	3.5	4.2	4.7	1.2	---	---	4.6	1.0	6.2
21	4.4	1.0	5.5	3.9	4.3	5.6	2.3	---	---	5.3	1.9	3.1
22	4.5	1.0	3.8	4.3	4.4	5.3	2.4	---	---	5.5	2.6	3.0
23	4.7	2.8	3.5	4.5	4.5	4.2	2.4	---	---	5.7	1.5	3.4
24	4.9	4.9	3.7	4.6	4.6	4.4	2.4	---	---	5.6	2.4	3.3
25	5.8	5.2	3.8	4.8	2.7	4.5	2.4	---	---	5.6	2.3	3.7
26	5.7	5.3	3.8	3.2	1.7	4.6	2.4	---	---	4.3	2.2	4.4
27	4.4	5.4	3.8	3.7	3.3	5.2	2.4	---	---	3.5	2.9	3.6
28	4.5	5.7	4.1	2.9	3.6	5.4	2.4	---	---	4.1	3.8	3.2
29	4.5	6.2	4.8	4.4	---	2.6	2.4	---	---	5.3	3.7	1.5
30	4.5	6.3	4.8	4.4	---	0.9	2.4	---	---	5.3	1.6	0.8
31	4.4	---	4.8	4.4	---	3.4	---	---	---	1.4	3.8	---
MEAN	4.1	4.3	4.1	4.2	3.9	4.4	3.5	2.4	---	4.6	2.6	3.3
MAX	7.2	6.3	6.3	5.8	5.1	5.9	7.0	2.4	---	8.4	11.3	9.9
MIN	0.4	0.9	0.0	0.4	0.6	0.7	0.3	2.4	---	0.2	0.0	0.0

WTR YR 1999 MEAN 3.53 MAX 11.30 MIN 0.00

NOTE: Gage was down May 14 – July 19. Events in early July were missed.

Many days of impoundment due to irrigation tailwater. The gage is located inside a pump housing that, when stage reaches a certain level, pumps water from the gage house and basin. The daily stage values fluctuate substantially. Gage Heights above 10.0 feet are generally caused by storm events.

See also Storage Volume data.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Reservoir Depths

Station Number: 6623 **Name:** Crossroads Park
Drainage Area: 15.7 mi^2 (area downstream of US 60 only, does not include area from Eastern Canal tailwater ditch under US 60)
Period of Record: December 18, 1996 to current year
Depth, in feet, Water Year October 1998 to September 1999

Maximum levels of interest during Water Year 1999

Day	Maximum Level (feet)	Day	Maximum Level (feet)
Sep. 1	2.13		

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	***1.6***
2	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	***1.5***
3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	***1.4***
4	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
5	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
6	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
7	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
8	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
9	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
10	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
11	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
12	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
13	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
14	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
15	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
16	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
17	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
18	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
19	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
20	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
21	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
22	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
23	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
24	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
25	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
26	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
27	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
28	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
29	1.3	1.3	1.3	1.3	---	1.3	1.3	1.3	1.3	1.3	1.3	1.3
30	1.3	1.3	1.3	1.3	---	1.3	1.3	1.3	1.3	1.3	1.3	1.3
31	1.3	---	1.3	1.3	---	1.3	---	1.3	---	1.3	***1.4***	---
MEAN	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
MAX	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	2.1	2.1
MIN	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3

WTR YR 1999 MEAN 1.33 MAX 2.13 MIN 1.33

See also Storage Volume data.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Reservoir Depths

Station Number: 6628 **Name:** Signal Butte FRS
Drainage Area: 16.4 mi^2 not including area from Apache Junction FRS
Period of Record: November 10, 1987 to current year
Depth, in feet, Water Year October 1998 to September 1999

Maximum levels of interest during Water Year 1999

Day	Maximum Level (feet)	Day	Maximum Level (feet)
Jul. 24	4.83	Sep. 20	4.73
Sep. 2	3.71		

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	***2.4***	***1.7***
2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	***2.3***	***1.5***
3	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	***2.1***	***1.3***
4	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	***2.0***	***1.2***
5	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	***1.9***	***1.0***
6	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	***1.8***	***0.9***
7	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	***1.8***	***0.8***
8	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	***1.7***	***0.7***
9	-0.2	***0.3***	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	***1.6***	***0.6***
10	-0.2	***0.3***	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	***1.5***	***0.5***
11	-0.2	***0.2***	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	***1.4***	***0.3***
12	-0.2	***0.0***	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	***1.4***	***0.3***
13	-0.2	***0.0***	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	***1.3***	***0.0***
14	-0.2	***-0.1***	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	***1.1***	-0.2
15	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	***0.4***	***1.1***	***-0.1***
16	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	***0.0***	***0.9***	-0.2
17	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.1	***0.9***	-0.2
18	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	***0.8***	-0.2
19	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	***0.6***	***1.2***
20	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	***0.5***	***4.6***
21	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	***0.5***	***4.2***
22	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	***0.4***	***3.7***
23	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	***0.6***	***0.3***	***3.4***
24	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	***4.6***	***0.2***	***3.1***
25	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	***4.5***	***0.1***	***2.9***
26	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	***4.0***	***-0.1***	***2.7***
27	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	***3.6***	-0.2	***2.5***
28	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	***3.2***	-0.2	***2.4***
29	-0.2	-0.2	-0.2	-0.2	---	-0.2	-0.2	-0.2	-0.2	***2.9***	-0.2	***2.2***
30	-0.2	-0.2	-0.2	-0.2	---	-0.2	-0.2	-0.2	-0.2	***2.7***	-0.2	***2.1***
31	-0.2	---	-0.2	-0.2	---	-0.2	---	-0.2	---	***2.6***	***0.5***	---
MEAN	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	0.8	1.0	1.5
MAX	-0.2	0.6	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	4.8	2.4	4.7
MIN	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2

WTR YR 1999 MEAN 0.09 MAX 4.83 MIN -0.25

See also Surface Water Streamflow and Storage Volume data.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Reservoir Depths

Station Number: 6673 **Name:** Apache Jct. FRS
Drainage Area: 5.8 mi^2
Period of Record: November 1987 to current year
Depth, in feet, Water Year October 1998 to September 1999

Maximum levels of interest during Water Year 1999

Day	Maximum Level (feet)	Day	Maximum Level (feet)
Jul. 23	4.76	Oct. 30	1.30

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
4	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
6	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
7	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
8	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
9	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
10	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
11	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
12	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
13	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
14	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
15	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
16	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
17	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
18	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
19	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
20	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
21	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
22	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
23	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	***1.2***	0.1	0.1
24	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	***2.8***	0.1	0.1
25	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
26	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
27	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
28	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
29	0.1	0.1	0.1	0.1	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1
30	***0.2***	0.1	0.1	0.1	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1
31	0.1	---	0.1	0.1	---	0.1	---	0.1	---	0.1	0.1	---
MEAN	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1
MAX	1.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	4.8	0.1	0.1
MIN	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

WTR YR 1999 MEAN 0.14 MAX 4.76 MIN 0.13

See also Surface Water Streamflow and Storage Volume data.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Reservoir Depths

Station Number: 6683 **Name:** Powerline FRS
Drainage Area: 49.9 mi^2
Period of Record: December 3, 1992 to current year
Depth, in feet, Water Year October 1998 to September 1999

Maximum levels of interest during Water Year 1999

Day	Maximum Level (feet)	Day	Maximum Level (feet)
Jul. 23	0.95	Aug. 27	0.57

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
6	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
7	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
8	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
9	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
10	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
11	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
12	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
13	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
14	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
15	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
16	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
17	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
18	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
19	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
20	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
21	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
22	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
23	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	***0.3***	0.2	0.2
24	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	***0.8***	0.2	0.2
25	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	***0.5***	0.2	0.2
26	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	***0.3***	0.2	0.2
27	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
28	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
29	0.2	0.2	0.2	0.2	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2
30	0.2	0.2	0.2	0.2	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2
31	0.2	---	0.2	0.2	---	0.2	---	0.2	---	0.2	0.2	---
MEAN	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
MAX	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.2	0.2	0.9	0.6	0.2
MIN	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2

WTR YR 1999 MEAN 0.20 MAX 0.95 MIN 0.20

See also Surface Water Streamflow and Storage Volume data.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Reservoir Depths

Station Number: 6688 **Name:** Vineyard FRS
Drainage Area: 57.8 mi^2
Period of Record: November 1987 to current year
Depth, in feet, Water Year October 1998 to September 1999

Maximum levels of interest during Water Year 1999

Day	Maximum Level (feet)	Day	Maximum Level (feet)
Jul. 24	1.85	Aug. 28	0.65

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	***0.1***
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	***0.4***	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	***1.7***	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	***1.3***	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	***0.9***	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	***0.6***	***0.2***	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	***0.4***	***0.6***	0.0
29	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	***0.1***	***0.4***	0.0
30	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	***0.1***	***0.2***	0.0
31	0.0	---	0.0	0.0	---	0.0	---	0.0	---	***0.1***	***0.1***	---
MEAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0
MAX	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.6	0.1
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

WTR YR 1999 MEAN 0.02 MAX 1.85 MIN 0.00

See also Surface Water Streamflow and Storage Volume data.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Reservoir Depths

Station Number: 6703 **Name:** Rittenhouse FRS
Drainage Area: 51.3 mi^2
Period of Record: September 27, 1988 to current year
Depth, in feet, Water Year October 1998 to September 1999

Maximum levels of interest during Water Year 1999

Day	Maximum Level (feet)	Day	Maximum Level (feet)
Jul. 15	5.60*	Aug. 25	3.11

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	***0.2***
2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	***0.2***
3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
4	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
6	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
7	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
8	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
9	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
10	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
11	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
12	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
13	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
14	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
15	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	***0.7***
16	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	***0.2***
17	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
18	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	***0.2***
19	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	***0.2***
20	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	***0.2***
21	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	***0.2***
22	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
23	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	***0.2***
24	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	***0.2***
25	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	***0.4***	***0.2***
26	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	***1.3***	***0.2***
27	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	***0.8***	0.1
28	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	***0.7***	0.1
29	0.1	0.1	0.1	0.1	---	0.1	0.1	0.1	0.1	0.1	***0.4***	0.1
30	0.1	0.1	0.1	0.1	---	0.1	0.1	0.1	0.1	0.1	***0.3***	0.1
31	0.1	---	0.1	0.1	---	0.1	---	0.1	---	0.1	***0.2***	---
MEAN	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2
MAX	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	3.1	1.4
MIN	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

WTR YR 1999 MEAN 0.14 MAX 3.11 MIN 0.13

***Gage was down due to vandalism from June 22, 1999 through July 29, 1999. A significant impound was missed. Data for the July 15, 1999 event is from high water marks found on the staff gage.**

See also Surface Water Streamflow and Storage Volume data.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Reservoir Depths

Station Number: 6738 **Name:** Whitlow Ranch Dam
Drainage Area: 143 mi^2
Period of Record: January 8, 1998 to current year

Refer to U.S. Army Corps of Engineers, Los Angeles District for official data for this site.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Reservoir Depths

Station Number: 6813 **Name:** Buckeye FRS #3
Drainage Area: 9.3 mi^2
Period of Record: November 23, 1992 to current year
Depth, in feet, Water Year October 1998 to September 1999

No significant impounds during Water Year 1999

MEAN	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1
MAX	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-3.8	-4.1	-4.1	-4.1	-4.1	-4.1
MIN	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1

WTR YR 1999 MEAN -4.08 MAX -3.78 MIN -4.08

Note: Instrument is 4.08 feet below zero gage datum at invert of principal outlet, which is located in a depressed drop box type inlet structure. Gage datum of 0.00 feet is taken to be the point at the top of the drop box which is level with the ground at the inlet structure.

See also Surface Water Streamflow and Storage Volume data.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Reservoir Depths

Station Number: 6823 **Name:** White Tanks #4 FRS
Drainage Area: 18.6 mi^2 (White Tanks ADMS)
Period of Record: November 1987 to current year
Depth, in feet, Water Year October 1998 to September 1999

No recorded impoundments during Water Year 1999

MEAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAX	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

WTR YR 1999 MEAN 0.00 MAX 0.00 MIN 0.00

See also Surface Water Streamflow and Storage Volume data.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Reservoir Depths

Station Number: 7133 **Name:** Casandro Dam
Drainage Area: 1.3 mi^2
Period of Record: August 15, 1996 to current year
Depth, in feet, Water Year October 1998 to September 1999

Maximum levels of interest during Water Year 1999

Day	Maximum Level (feet)	Day	Maximum Level (feet)
Aug. 31	6.47	Jul. 15	6.07

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	***1.5***
2	0.2	0.2	***0.3***	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	***0.4***
3	0.2	0.2	***0.3***	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
4	0.2	0.2	***0.3***	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
5	0.2	0.2	***0.3***	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
6	0.2	0.2	***0.3***	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
7	0.2	0.2	***0.3***	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
8	0.2	0.2	***0.3***	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
9	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
10	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
11	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
12	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
13	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
14	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
15	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	***2.3***	0.2	0.2
16	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	***0.4***	0.2	0.2
17	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
18	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
19	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
20	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
21	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
22	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
23	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
24	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
25	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
26	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
27	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
28	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
29	0.2	0.2	0.2	0.2	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2
30	0.2	***0.3***	0.2	0.2	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2
31	0.2	---	0.2	0.2	---	0.2	---	0.2	---	0.2	***1.7***	---
MEAN	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2
MAX	0.2	0.3	0.4	0.2	0.2	0.2	0.2	0.2	0.2	6.1	6.5	4.4
MIN	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2

WTR YR 1999 MEAN 0.21 MAX 6.47 MIN 0.19

See also Surface Water Streamflow and Storage Volume data.

STORAGE VOLUME DATA

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Storage Volumes

Station Number: 769 **Name:** Tat Momolikot Cap
Drainage Area: 1,780 mi^2
Period of Record: January 21, 1998 to current year
Volume, in acre-feet, Water Year October 1998 to September 1999

Refer to U.S. Army Corps of Engineers, Los Angeles District for official data for this site.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Storage Volumes

Station Number: 4562 **Name:** Spookhill FRS Cap
Drainage Area: 13.6 mi^2
Period of Record: November 1987 to current year
Spillway Capacity: 1,391 acre-feet
Volume, in acre feet, Water Year October 1998 to September 1999

No recorded storage during Water Year 1999

MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	0	0	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 1999 MEAN 0 MAX 0 MIN 0

See also Surface Water Streamflow and Pool Level data.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Storage Volumes

Station Number: 4647 **Name:** E.Fork CC #1 Cap
Drainage Area: 1.18 mi^2
Period of Record: March 2, 1994 to current year
Spillway Capacity: 59 acre-feet
Volume, in acre feet, Water Year October 1998 to September 1999

Maximum Storage during Water Year 1999

Day	Maximum Storage (ac-ft)	(% full)	Day	Maximum Storage (ac-ft)	(% full)
Oct. 30	1	1.7	Jul. 14	1	1.7
Jul. 15	1	1.7	Jul. 18	1	1.7

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
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												
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	1	0	0	0	0	0	0	0	0	1	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 1999 MEAN 0 MAX 1 MIN 0

See also Surface Water Streamflow and Pool Level data.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Storage Volumes

Station Number: 4652 **Name:** Tatum Basin Cap
Drainage Area: 2.17 mi^2
Period of Record: May 8, 1998 to current year
Spillway Capacity: 32.7 acre-feet
Volume, in acre feet, Water Year October 1998 to September 1999

One recorded storage during Water Year 1999

Day	Maximum Storage (ac-ft)	(% full)	Day	Maximum Storage (ac-ft)	(% full)
Jul. 14	0.9	2.8			

Daily Mean Values

MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	0	0	0	0	0	0	1	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 1999 MEAN 0 MAX 1 MIN 0

See also Surface Water Streamflow and Pool Level data.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Storage Volumes

Station Number: 4657 Name: E.Fork CC #4 Cap
Drainage Area: 0.68 mi^2
Period of Record: January 18, 1994
Spillway Capacity: 74 acre-feet
Volume, in acre feet, Water Year October 1998 to September 1999

Maximum Storage during Water Year 1999

Day	Maximum Storage (ac-ft)	(% full)	Day	Maximum Storage (ac-ft)	(% full)
Jul. 14	8	11	Feb. 5	2	2.7

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14										1		
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	2	0	0	0	2	0	1	0	0	8	10	1
MIN	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 1999 MEAN 0 MAX 10 MIN 0

See also Surface Water Streamflow and Pool Level data.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Storage Volumes

Station Number: 4682 **Name:** E.Fork CC #3 Cap
Drainage Area: 3.52 mi^2 (1.86 mi^2 controlled by EFCC#1 and EFCC#4)
Period of Record: September 13, 1994 to current year
Spillway Capacity: 175 acre-feet
Volume, in acre feet, Water Year October 1998 to September 1999

Maximum storage during Water Year 1999

Day	Maximum Storage (ac-ft)	(% full)	Day	Maximum Storage (ac-ft)	(% full)
Jul. 14	32.1	21			

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14										1		
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	0	0	0	0	0	0	32	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 1999 MEAN 0 MAX 32 MIN 0

See also Surface Water Streamflow and Pool Level data.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Storage Volumes

Station Number: 4802 **Name:** Dreamy Draw Dam Cap
Drainage Area: 1.3 mi^2
Period of Record: November 1987 to current year
Revised Records: WY1996: WY1995
Volume, in acre-feet, Water Year October 1998 to September 1999

No significant storage during Water Year 1999

MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	0	0	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 1999 MEAN 0 MAX 0 MIN 0

See also Surface Water Streamflow and Pool Level data.

*** Storage greater than 1 acre-foot (0.3%) begins at 8.2 feet gage height.**

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Storage Volumes

Station Number: 4817 **Name:** 10 St.Wash #1 Cap
Drainage Area: 1.21 mi^2
Period of Record: November 26, 1996 to current year
Spillway Capacity: 21.64 acre-feet
Volume, in acre-feet, Water Year October 1998 to September 1999

Maximum storage during Water Year 1999

Day	Maximum Storage (ac-ft)	(% full)	Day	Maximum Storage (ac-ft)	(% full)
Sep. 19	1.94	9	Aug. 27	1.09	5

MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	0	0	0	0	0	0	1	1	2
MIN	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 1999 MEAN 0 MAX 2 MIN 0

See also Surface Water Streamflow and Pool Level data.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Storage Volumes

Station Number: 4902 **Name:** Cave Buttes Dam Cap
Drainage Area: 191 mi^2
Period of Record: November 1987 to current year
Spillway Capacity: 46,100 acre-feet
Volume, in acre feet, Water Year October 1998 to September 1999

Maximum storage during Water Year 1999

Day	Maximum Storage (ac-ft)	(% full)	Day	Maximum Storage (ac-ft)	(% full)
Jul. 15	482	1	Jul. 19	238	0.5

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6										5		
7										4		
8										4		
9												
10												
11												
12												
13												
14										58		
15										325		
16										310		
17										17		
18										8		
19										76		
20												
21												
22												
23												
24												
25												
26	13											
27												
28												
29												
30	68											
31	21											
MEAN	3	0	0	0	0	0	0	0	0	26	0	0
MAX	231	0	0	0	0	0	0	0	0	482	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 1999 MEAN 2 MAX 482 MIN 0

See also Surface Water Streamflow and Pool Level data.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Storage Volumes

Station Number: 5112 **Name:** Saddleback FRS Cap
Drainage Area: 29.6 mi^2
Period of Record: December 16, 1988 to current year
Spillway Capacity: 6,743 acre-feet
Volume, in acre feet, Water Year October 1998 to September 1999

No recorded storage during Water Year 1999

MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	0	0	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 1999 MEAN 0 MAX 0 MIN 0

See also Surface Water Streamflow and Pool Level data.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Storage Volumes

Station Number: 5127 **Name:** Harquahala FRS Cap
Drainage Area: 102.3 mi^2
Period of Record: March 1, 1994 to current year
Spillway Capacity: 8,689 acre-feet
Volume, in acre feet, Water Year October 1998 to September 1999

Maximum storage during Water Year 1999

Day	Maximum Storage (ac-ft)	(% full)	Day	Maximum Storage (ac-ft)	(% full)
Sep. 11	23	0.3			

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												1
12												16
13												10
14												7
15												5
16												3
17												2
18												1
19												1
20												1
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												
MEAN	0	0	0	0	0	0	0	0	0	0	0	2
MAX	0	0	0	0	0	0	0	0	0	0	0	23
MIN	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 1999 MEAN 0 MAX 23 MIN 0

See also Surface Water Streamflow and Pool Level data.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Storage Volumes

Station Number: 5202 **Name:** Buckeye FRS #1 Cap
Drainage Area: 74 mi^2 without area from Buckeye FRS #2 and #3
Period of Record: November 1987 to current year
Spillway Capacity: 8,105 acre-feet
Volume, in acre-feet, Water Year October 1998 to September 1999

Maximum storage during Water Year 1999

Day	Maximum Storage (ac-ft)	(% full)	Day	Maximum Storage (ac-ft)	(% full)
Jul. 11	59	0.7			

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10										1		
11										14		
12										2		
13												
14										10		
15										10		
16										3		
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												
MEAN	0	0	0	0	0	0	0	0	0	1	0	0
MAX	0	0	0	0	0	0	0	0	0	59	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 1999 MEAN 0 MAX 59 MIN 0

See also Surface Water Streamflow and Pool Level data.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Storage Volumes

Station Number: 5207 **Name:** Buckeye FRS #2 Cap
Drainage Area: 5.7 mi^2 without area from Buckeye FRS #3
Period of Record: November 11, 1992 to current year
Spillway Capacity: 824 acre-feet
Volume, in acre-feet, Water Year October 1998 to September 1999

One recorded storage during Water Year 1999

Day	Maximum Storage (ac-ft)	(% full)	Day	Maximum Storage (ac-ft)	(% full)
Jul. 8	5	0.6			

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8										1		
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	0	0	0	0	0	0	5	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 1999 MEAN 0 MAX 5 MIN 0

See also Surface Water Streamflow and Pool Level data.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Storage Volumes

Station Number: 5232 **Name:** Sunset FRS Cap
Drainage Area: 0.95 mi^2 (from Wickenburg ADMS)
Period of Record: February 12, 1989 to current year
Spillway Capacity: 86 acre-feet
Volume, in acre feet, Water Year October 1998 to September 1999

Maximum storage during Water Year 1999

Day	Maximum Storage (ac-ft)	(% full)	Day	Maximum Storage (ac-ft)	(% full)
Jul. 15	10	12	Aug. 31	9	10

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1											1	7
2							1				1	1
3							1				1	
4							1				1	
5							1					
6							1					
7												
8												
9												
10												
11												
12												
13												
14												
15										7		
16										8		
17										7		
18										6		
19										5		
20										4		
21										4		
22										3		
23										2		
24										2		
25										1		
26										1		
27										1		
28										1		
29										1	2	
30										1	1	
31	1									1	3	
MEAN	0	0	0	0	0	0	0	0	0	2	0	0
MAX	1	0	0	0	0	0	1	0	0	10	9	9
MIN	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 1999 MEAN 0 MAX 10 MIN 0

See also Surface Water Streamflow and Pool Level data.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Storage Volumes

Station Number: 5247 **Name:** Sunnycove FRS Cap
Drainage Area: 0.98 mi^2 (from Wickenburg ADMS)
Period of Record: November 1987 to current year
Spillway Capacity: 216 acre-feet
Volume, in acre feet, Water Year October 1998 to September 1999

Maximum storage during Water Year 1999

Day	Maximum Storage (ac-ft)	(% full)	Day	Maximum Storage (ac-ft)	(% full)
Jul. 15	8	3.7	Aug. 31	5	2.3

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												1
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15										4		
16										1		
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31											1	
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	1	0	0	0	0	0	0	0	0	8	5	3
MIN	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 1999 MEAN 0 MAX 8 MIN 0

See also Surface Water Streamflow and Pool Level data.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Storage Volumes

Station Number: 5417 **Name:** White Tanks #3 Cap
Drainage Area: 20.5 mi^2 (White Tanks ADMS)
Period of Record: November 1987 to current year
Spillway Capacity: 3,134 acre-feet
Volume, in acre feet, Water Year October 1998 to September 1999

Maximum storage during Water Year 1999

Day	Maximum Storage (ac-ft)	(% full)	Day	Maximum Storage (ac-ft)	(% full)
Apr. 2	137	4.4			

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2							126					
3							1					
4												
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												
MEAN	0	0	0	0	0	0	8	---	0	0	0	0
MAX	0	0	0	0	0	0	137	---	0	0	0	0
MIN	0	0	0	0	0	0	0	---	0	0	0	0

WTR YR 1999 MEAN 0 MAX 137 MIN 0

Gage was down during all of May 1999. No events were missed.

See also Surface Water Streamflow and Pool Level data.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Storage Volumes

Station Number: 5447 **Name:** McMicken Dam Cap
Drainage Area: 247 mi^2
Period of Record: November 1987 to current year
Spillway Capacity: 20,070 acre-feet
Volume, in acre feet, Water Year October 1998 to September 1999

No recorded storage during Water Year 1999

MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	0	0	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 1999 MEAN 0 MAX 0 MIN 0

See also Surface Water Streamflow and Pool Level data.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Storage Volumes

Station Number: 5537 **Name:** Adobe Dam Cap
Drainage Area: 89.6 mi^2
Period of Record: November 1987 to current year
Spillway Capacity: 18,776 acre-feet
Volume, in acre feet, Water Year October 1998 to September 1999

Maximum storage during Water Year 1999

Day	Maximum Storage (ac-ft)	(% full)	Day	Maximum Storage (ac-ft)	(% full)
Jul. 15	134	0.7			

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14										11		
15										61		
16										8		
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												
MEAN	0	0	0	0	0	0	0	0	0	3	0	0
MAX	0	0	0	0	0	0	0	0	0	134	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 1999 MEAN 0 MAX 134 MIN 0

See also Surface Water Streamflow and Pool Level data.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Storage Volumes

Station Number: 5612 **Name:** New River Dam Cap
Drainage Area: 164 mi^2
Period of Record: November 1987 to current year
Spillway Capacity: 43,700 acre-feet
Volume, in acre feet, Water Year October 1998 to September 1999

Maximum storage during Water Year 1999

Day	Maximum Storage (ac-ft)	(% full)	Day	Maximum Storage (ac-ft)	(% full)
Jul. 15	236	0.5			

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14										9		
15										130		
16										53		
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												
MEAN	0	0	0	0	0	0	0	0	0	6	0	0
MAX	0	0	0	0	0	0	0	0	0	236	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 1999 MEAN 1 MAX 236 MIN 0

See also Surface Water Streamflow and Pool Level data.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Storage Volumes

Station Number: 5967 **Name:** StoneRidge Dam Cap
Drainage Area: 0.86 mi^2
Period of Record: December 11, 1996 to current year
Spillway Capacity: 66.2 acre-feet
Volume, in acre feet, Water Year October 1998 to September 1999

Maximum storage during Water Year 1999

Day	Maximum Storage (ac-ft)	(% full)	Day	Maximum Storage (ac-ft)	(% full)
Aug. 31	0.7	1	Jul. 23	0.6	0.9

MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	0	0	0	0	0	0	1	1	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 1999 MEAN 0 MAX 1 MIN 0

See also Surface Water Streamflow and Pool Level data.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Storage Volumes

Station Number: 5972 **Name:** SunRidge Canyon Cap
Drainage Area: 1.6 mi^2
Period of Record: February 4, 1997 to current year
Spillway Capacity: 94 acre-feet
Volume, in acre feet, Water Year October 1998 to September 1999

Maximum storage during Water Year 1999

Day	Maximum Storage (ac-ft)	(% full)	Day	Maximum Storage (ac-ft)	(% full)
Oct. 26	0.2	0.2			

MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	0	0	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 1999 MEAN 0 MAX 0 MIN 0

See also Surface Water Streamflow and Pool Level data.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Storage Volumes

Station Number: 5977 **Name:** GoldenEaglePark Cap
Drainage Area: 7.13 mi^2 of which 2.02 mi^2, 2.13 mi^2, and 1.6 mi^2 are controlled by Aspen, North Heights, and SunRidge Canyon Dams, respectively.
Period of Record: December 12, 1996 to current year
Spillway Capacity: 95 acre-feet
Volume, in acre feet, Water Year October 1998 to September 1999

Maximum storage during Water Year 1999

Day	Maximum Storage (ac-ft)	(% full)	Day	Maximum Storage (ac-ft)	(% full)
Oct. 26	10.3	11			

MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	10	0	0	0	0	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 1999 MEAN 0 MAX 10 MIN 0

See also Surface Water Streamflow and Pool Level data.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Storage Volumes

Station Number: 5982 **Name:** N. Heights Dam Cap
Drainage Area: 2.13 mi^2
Period of Record: October 11, 1996
Spillway Capacity: 138 acre-feet
Volume, in acre feet, Water Year October 1998 to September 1999

Maximum storage during Water Year 1999

Day	Maximum Storage (ac-ft)	(% full)	Day	Maximum Storage (ac-ft)	(% full)
Oct. 26	8.3	6			

MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	8	0	0	0	0	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 1999 MEAN 0 MAX 8 MIN 0

See also Surface Water Streamflow and Pool Level data.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Storage Volumes

Station Number: 5987 **Name:** Aspen Dam Cap
Drainage Area: 2.02 mi^2
Period of Record: January 2, 1997 to current year
Spillway Capacity: 183 acre-feet
Volume, in acre feet, Water Year October 1998 to September 1999

Maximum storage during Water Year 1999

Day	Maximum Storage (ac-ft)	(% full)	Day	Maximum Storage (ac-ft)	(% full)
Oct. 26	1.9	1			

MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	2	0	0	0	0	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 1999 MEAN 0 MAX 2 MIN 0

See also Surface Water Streamflow and Pool Level data.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Storage Volumes

Station Number: 5992 **Name:** Hesperus Dam Cap
Drainage Area: 2.91 mi^2
Period of Record: December 18, 1996 to current year
Spillway Capacity: 276 acre-feet
Volume, in acre feet, Water Year October 1998 to September 1999

No significant storage during Water Year 1999

MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	0	0	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 1999 MEAN 0 MAX 0 MIN 0

See also Surface Water Streamflow and Pool Level data.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Storage Volumes

Station Number: 6502 **Name:** Guadalupe FRS Cap
Drainage Area: 1.87 mi^2
Period of Record: June 29, 1989 to current year
Spillway Capacity: 329 acre-feet
Volume, in acre-feet, Water Year October 1998 to September 1999

Maximum storage during Water Year 1999

Day	Maximum Storage (ac-ft)	(% full)	Day	Maximum Storage (ac-ft)	(% full)
Jul. 15	10	3			

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15										6		
16										2		
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30											4	
31											3	
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	0	0	0	0	0	0	10	8	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 1999 MEAN 0 MAX 10 MIN 0

See also Surface Water Streamflow and Pool Level data.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Storage Volumes

Station Number: 6608 **Name:** Freestone Basin
Drainage Area: 4.26 mi^2 (area downstream of Eastern Canal only, does not include area from overflows of Eastern Canal)
Period of Record: December 19, 1995 to current year
Spillway Capacity: 218 acre-feet
Volume, in acre feet, Water Year October 1998 to September 1999

Maximum storage during Water Year 1999

Day	Maximum Storage (ac-ft)	(% full)	Day	Maximum Storage (ac-ft)	(% full)
Aug. 28	36.8	17	Sep. 3	25.4	12

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2	1	6	3	2	1	2	1	---	---		6
2	2	2	3	3	2	1	6	1	---	---		1
3	2	3	1	3	2	1	1	1	---	---		
4	2	2	1	3	2	2	3	1	---	---	1	1
5	2	2	1	1	2	1	2	1	---	---		2
6	1	1	2		2	1	2	1	---	---	1	2
7		2	3	1	3	1	1	1	---	---	1	1
8	1	2	1	1	1	2	1	1	---	---	2	1
9	1	1		2		3	1	1	---	---	1	
10	1		1	2		2	2	1	---	---		
11	1	1	2	2	1	2	3	1	---	---		
12	1	2	2	2	1	3	2	1	---	---		
13	1	2	2	3	1	3	1	1	---	---		
14	1	2	2	3	1	3	2	1	---	---		
15	1	2	2	2	1	2	2	1	---	---		2
16	1	2	1	1	1	2		1	---	---		
17		2	1	3	1	1	1	1	---	---		
18	1	2	3	3	2	1	2	1	---	---		1
19	1	2	4	3	1	2	1	1	---	---		2
20	1	1	4	1	1	2		1	---	2		6
21	2		4	1	1	4	1	---	---	3		1
22	2		2	1	1	3	1	---	---	4		1
23	2	1	1	2	2	2		---	---	4		1
24	2	2	1	2	2	2	1	---	---	4		1
25	5	3	1	2	1	2	1	---	---	4		1
26	6	3	1	1		2	1	---	---	2		1
27	2	4	1	1	1	3		---	---	1		1
28	2	4	1	1	1	4	1	---	---	1	1	1
29	2	6	2	2		1	1	---	---	3	1	
30	2	6	2	2			1	---	---	4		
31	2		2	1		1		---	---		3	---
MEAN	2	2	2	2	1	2	1	0	---	2	0	1
MAX	10	6	7	5	3	5	9	0	---	15	37	25
MIN	0	0	0	0	0	0	0	0	---	0	0	0

WTR YR 1999 MEAN 1 MAX 37 MIN 0

Gage was down from May 21 through July 19, 1999. Two events in July were missed.

See also Pool Level data.

Many days of storage from irrigation tailwater. The gage is located inside a pump housing that, when stage reaches a certain level, pumps water from the gage house and basin. The daily stage values fluctuate substantially. Gage Heights above 10.0 feet are generally caused by storm events.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Storage Volumes

Station Number: 6623 **Name:** Crossroads Park
Drainage Area: 15.7 mi^2 (area downstream of US 60 only, does not include area from Eastern Canal tailwater ditch under US 60.)
Period of Record: December 18, 1995 to current year
Spillway Capacity: 456 acre-feet
Volume, in acre feet, Water Year October 1998 to September 1999

Maximum storage during Water Year 1999

Day	Maximum Storage (ac-ft)	(% full)	Day	Maximum Storage (ac-ft)	(% full)
Sep. 1	16.3	3.5			

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												12
2												12
3												5
4												
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											2	
MEAN	0	0	0	0	0	0	0	0	0	0	0	1
MAX	0	0	0	0	0	0	0	0	0	0	16	16
MIN	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 1999 MEAN 0 MAX 16 MIN 0

See also Pool Level data.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Storage Volumes

Station Number: 6627 **Name:** Signal Butte FRS Cap
Drainage Area: 16.4 mi^2 not including area from Apache Junction FRS
Period of Record: November 10, 1987 to current year
Spillway Capacity: 1,665 acre-feet
Volume, in acre feet, Water Year October 1998 to September 1999

Maximum storage during Water Year 1999

Day	Maximum Storage (ac-ft)	(% full)	Day	Maximum Storage (ac-ft)	(% full)
Jul. 24	28	1.7	Sep. 20	26	1.6

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1											4	1
2											4	1
3											3	
4											3	
5											2	
6											2	
7											2	
8											2	
9											1	
10											1	
11												
12												
13												
14												
15												
16												
17												
18												
19												6
20												25
21												19
22												15
23										2		11
24										25		9
25										24		7
26										17		6
27										14		5
28										9		4
29										8		3
30										6		3
31										5	1	
MEAN	0	0	0	0	0	0	0	0	0	4	1	4
MAX	0	0	0	0	0	0	0	0	0	28	7	26
MIN	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 1999 MEAN 1 MAX 28 MIN 0

Note: Level never above ungated outlet during Water Year 1999.

See also Surface Water Streamflow and Pool Level data.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Storage Volumes

Station Number: 6672 **Name:** Apache Jct. FRS Cap
Drainage Area: 5.8 mi^2
Period of Record: November 1987 to current year
Spillway Capacity: 676 acre-feet
Volume, in acre feet, Water Year October 1998 to September 1999

Maximum storage during Water Year 1999

Day	Maximum Storage (ac-ft)	(% full)	Day	Maximum Storage (ac-ft)	(% full)
Jul. 23	15	2.2			

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23										3		
24										4		
25												
26												
27												
28												
29												
30												
31												
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	0	0	0	0	0	0	15	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 1999 MEAN 0 MAX 15 MIN 0

See also Surface Water Streanflow and Pool Level data.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Storage Volumes

Station Number: 6682 **Name:** Powerline FRS Cap
Drainage Area: 49.9 mi^2
Period of Record: December 3, 1992 to current year
Spillway Capacity: 4,064 acre-feet
Volume, in acre feet, Water Year October 1998 to September 1999

No significant impoundments during Water Year 1999

MEAN	0	0	0	0	0	0	0	0	0	1	0	0
MAX	0	0	0	0	0	0	5	0	0	15	6	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 1999 MEAN 0 MAX 15 MIN 0

See also Surface Water Streamflow and Pool Level data.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Storage Volumes

Station Number: 6687 **Name:** Vineyard FRS Cap
Drainage Area: 57.8 mi^2
Period of Record: November 1987 to current year
Spillway Capacity: 3,531 acre-feet
Volume, in acre-feet, Water Year October 1998 to September 1999

Maximum storage during Water Year 1999

Day	Maximum Storage (ac-ft)	(% full)	Day	Maximum Storage (ac-ft)	(% full)
Jul. 24	143	4	Aug. 28	29	0.8

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1											5	
2							3				2	
3							5					
4							3					
5							5					
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23										21		
24										121		
25										107		
26										91		
27										26	8	
28										19	28	
29										19	18	
30										11	8	
31										6		
MEAN	0	0	0	0	0	0	1	0	0	14	2	0
MAX	0	0	0	0	0	0	5	0	0	143	29	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 1999 MEAN 1 MAX 143 MIN 0

See also Surface Water Streamflow and Pool Level data.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Storage Volumes

Station Number: 6702 **Name:** Rittenhouse FRS Cap
Drainage Area: 51.3 mi^2
Period of Record: September 27, 1988 to current year
Spillway Capacity: 3,475 acre-feet
Volume, in acre-feet, Water Year October 1998 to September 1999

Maximum impoundments of interest during Water Year 1999

Day	Maximum Storage (ac-ft)	(% full)
Jul. 15*	61	1.8

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	0	0	0	0	0	0	0	3	1
MIN	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 1999 MEAN 0 MAX 3 MIN 0

***Gage was down due to vandalism from June 22, 1999 through July 29, 1999. A significant impound was missed. Data for the July 15, 1999 event is from rated data and high water marks found on the staff gage.**

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Storage Volumes

Station Number: 6739 **Name:** Whitlow Ranch Cap
Drainage Area: 143 mi^2
Period of Record: January 8, 1998 to current year

Refer to U.S. Army Corps of Engineers, Los Angeles District for official data for this site.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Storage Volumes

Station Number: 6812 **Name:** Buckeye FRS #3 Cap
Drainage Area: 9.3 mi^2
Period of Record: November 23, 1992 to current year
Spillway Capacity: 1,286 acre-feet
Volume, in acre-feet, Water Year October 1998 to September 1999

No recorded storage during Water Year 1999

MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	0	0	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 1999 MEAN 0 MAX 0 MIN 0

See also Surface Water Streamflow and Pool Level data.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Storage Volumes

Station Number: 6822 **Name:** White Tanks #4 Cap
Drainage Area: 18.6 mi^2 (from White Tanks ADMS)
Period of Record: November 1987 to current year
Spillway Capacity: 1,243 acre-feet
Volume, in acre feet, Water Year October 1998 to September 1999

No recorded storage during Water Year 1999

MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	0	0	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 1999 MEAN 0 MAX 0 MIN 0

See also Surface Water Streamflow and Pool Level data.

Flood Control District of Maricopa County ALERT System

Computation of Continuous Records of Storage Volumes

Station Number: 7132 **Name:** Casandro Dam Cap
Drainage Area: 1.3 mi^2
Period of Record: August 15, 1996 to current year
Spillway Capacity: 143 acre-feet
Volume, in acre feet, Water Year October 1998 to September 1999

Maximum storage during Water Year 1999

Day	Maximum Storage (ac-ft)	(% full)	Day	Maximum Storage (ac-ft)	(% full)
Aug. 31	24.6	17	Jul. 15	22.6	16

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												4
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15										7		
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31											6	
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	0	0	0	0	0	0	23	25	15
MIN	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 1999 MEAN 0 MAX 25 MIN 0

See also Surface Water Streamflow and Pool Level data.

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