

HYDROLOGIC DATA REPORT
VOLUME II - SURFACE WATER AND STREAMFLOW DATA
WATER YEAR 2017



*Salt River near Granite Reef Diversion
(photo date: February 8, 2017)*

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, Yuma, and La Paz Counties. This is the 24th annual water data report published by the District. Annual reports are available for Water Years 1994 - 2017.

The surface water data contained in this report were collected, compiled and edited by the Flood Warning Branch of the Flood Control District. Data include 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. Additional graphics are provided for the user to help put the data in context with historic records at the gage. Flood flow frequency data are computed for stations with sufficient record (> 11 years of non-zero flow.)

Disclaimers:

1. Flood flow frequency graphics, whether computed in-house or cited from FEMA floodplain studies, are provided for informational purposes only and should not be considered for regulatory purposes.
2. The information contained herein is as accurate and complete as possible within the limitations of real-time data collection technology currently available. Wherever possible, notes have been included to identify questionable data. Reliance upon the accuracy, reliability, and authority of this information is solely the responsibility of the user.
3. Mention of any products, companies, or specific brand names in this report does not constitute endorsement of those companies or products.

Revisions to any of these data for any reason will be published in the following years' reports in an appendix to the report.

Copies of this report may be purchased from:

Flood Control District of Maricopa County
2801 W. Durango Street
Phoenix, Arizona 85009
(602) 506-8701

Or downloaded from:

<https://www.maricopa.gov/759/Publications>

TABLE OF CONTENTS

Preface	ii
Introduction	iv
Data Collection	v
Definition of Terms	ix - xii
Station Location Map	xiii
New Installations in Water Year 2017	xiv
Station Table	xv - xix
Summary of Significant Streamflow	xx
Station Data Pages	1 - 947

INTRODUCTION

The Flood Control District of Maricopa County (FCDMC or District) collects a large amount of data pertaining to surface water runoff in and around Maricopa County. Stations report data to the main database at least 4 times daily, even if the data is zero (no flow.) During runoff events, data are transmitted to the database more frequently, as water levels rise and fall.

Recently, the District has been changing the stations' data transmit protocol from ALERT1 to ALERT2. During Water Year 2017, all streamflow stations have been upgraded to the new ALERT2 protocol. Ultimately, this change will result in greater data reliability and a decrease in data lost during busy rainfall and runoff events.

The District makes its data available to the public in several useful ways. This annual report is but one manner. Additionally, current and raw/analyzed data are available in real-time from the District's flood warning web site. Historic data are also available from at individual stream or dam/impoundment web pages.

This report includes records on discharge at stream gages and at flood control storage structures. The count of sensors and stations is:

Table 1: Station / Sensor Distribution

Total Stations reported in this Report	204
Total Sensors deployed	214
Sensors on Streams	139
Sensors on Impoundments	75
Stage only sites	3
Sites with multiple sensors	3
Stations not included in report	1

Stream and impoundment gages are installed for various needs. For District owned channels, dams, and basins, ALERT gages are placed to monitor flow in channels, and impoundment behind dams to satisfy regulatory requirements. Additional stations are installed in response to local agency requests, current or future flood control project needs, public safety needs, and elsewhere as needed.

DATA COLLECTION

This is the 24th 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. Furthermore, remote sites did not send zero flow information and only transmitted during runoff events. Nevertheless, limited data are available prior to water year 1994 for stations that existed before October 1, 1993. Unfortunately, there is no available data for dates prior to October 1, 1987, even if the station existed prior to this date.

The data are collected as a depth of flow in feet (aka stage). The discharge and/or volume is then obtained by applying the stage to a rating curve of stage versus discharge in cubic feet per second (cfs), or stage versus volume in acre-feet (ac-ft). The discharge rating curves have been developed at stream gages by using field surveyed cross sections for use in an 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 structures, 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. A similar computation is done for storage facility volume. The minimum and maximum values are based on instantaneous discharge or volume readings and the volumes for discharge stations are based on accumulations of daily means.

All data in this report have been reviewed and edited in an attempt to provide the most accurate data possible. A blank or blanks, represented with ---, within the data set is an indication that data were 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). Revisions will be published in an appendix to the annual report.

Several streamflow gages are operated cooperatively between the FCDMC and the United States Geological Survey (USGS). There are several USGS cooperative sites that also house a District ALERT gage. Additionally, there are several continuous USGS gages that do not have a District ALERT gage at the USGS site. Also as part of the cooperative agreement, the USGS maintains a number of peak-only stations (non-continuous) that only report an annual maximum. Tables 2 and 3 on the following pages show the USGS gages, along with any associated District gage as well.

Table 2: USGS Continuous Stations, WY 2017

USGS Station Name	USGS Station ID	Location	FCD Gage
		Lat/Long DD MM SS	
Indian Bend Wash at Curry Road nr Tempe	09512162	33 26 25 / 111 54 52	No
Salt River at Priest Drive nr Tempe	09512165	33 26 22 / 111 57 37	Yes, ID #4523
Cave Creek below Cottonwood Creek	09512280	33 53 14 / 111 57 12	Yes, ID #4923
New River near Rock Springs	09513780	33 58 27 / 112 05 54	No
Skunk Creek near Phoenix	09513860	33 43 45 / 112 07 09	Yes, ID #5568
Gila River at Estrella Parkway nr Goodyear	09514100	33 23 15 / 112 23 30	Yes, ID #6853
Hassayampa River near Morristown	09516500	33 53 06 / 112 39 41	Yes, ID #5523
Hassayampa River near Arlington	09517000	33 20 50 / 112 43 30	No
Centennial Wash at SPRR near Arlington	09517490	33 18 37 / 112 52 52	Yes, ID #5103

Table 3: USGS Annual Peak Stations, WY2017

USGS Station Name	USGS Station ID	Location	FCD Gage
		Lat/Long DD MM SS	
Vekol Wash at I-8	09488650	32 50 30 / 112 15 04	Yes, ID #6983
Tortilla Creek at Tortilla Flat	09501300	33 31 38 / 111 23 13	No
Camp Creek near Sunflower	09510170	33 45 35 / 111 29 44	No
Rock Creek near Sunflower	09510180	33 43 49 / 111 30 28	No
Indian Bend Wash at Shea Boulevard	09512090	33 35 05 / 111 58 10	Yes, ID #4693
Salt River Tributary in South Mountain Park	09512200	33 20 49 / 112 05 03	No
Agua Fria River Tributary #2, near Rock Springs	09512700	34 02 00 / 112 08 42	No
Deadman Wash near New River	09513820	33 50 30 / 112 08 40	No
Waterman Wash near Buckeye	09514200	33 19 49 / 112 30 33	No
Hartman Wash near Wickenburg	09515800	33 57 46 / 112 49 40	Yes, ID #7063
Ox Wash near Morristown	09516600	33 53 00 / 112 39 00	No
Jackrabbit Wash near Tonopah	09516800	33 39 32 / 112 49 40	No
Centennial Wash Tributary near Wenden	09517200	33 50 40 / 113 27 00	No
Tiger Wash near Aguila	09517280	33 44 30 / 113 16 43	Yes, ID #5163
Winters Wash near Tonopah	09517400	33 29 22 / 112 55 05	No
Rainbow Wash Tributary near Buckeye	09519600	33 14 35 / 112 38 15	No
Bender Wash near Gila Bend	09519750	32 54 25 / 112 33 05	Yes, ID #6963
Sauceda Wash near Gila Bend	09519760	32 52 14 / 112 45 30	Yes, ID #6923
Military Wash near Sentinel	09520100	32 50 43 / 113 16 44	No
Crater Range Wash near Ajo	09520230	32 33 44 / 112 52 37	No
Star Wash near Tonopah	09516790	33 37 59 / 112 46 44	No
Delaney Wash near Tonopah	None	33 28 08 / 112 58 10	Yes, ID #5108

DEFINITION OF TERMS

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

Table 4: Definitions

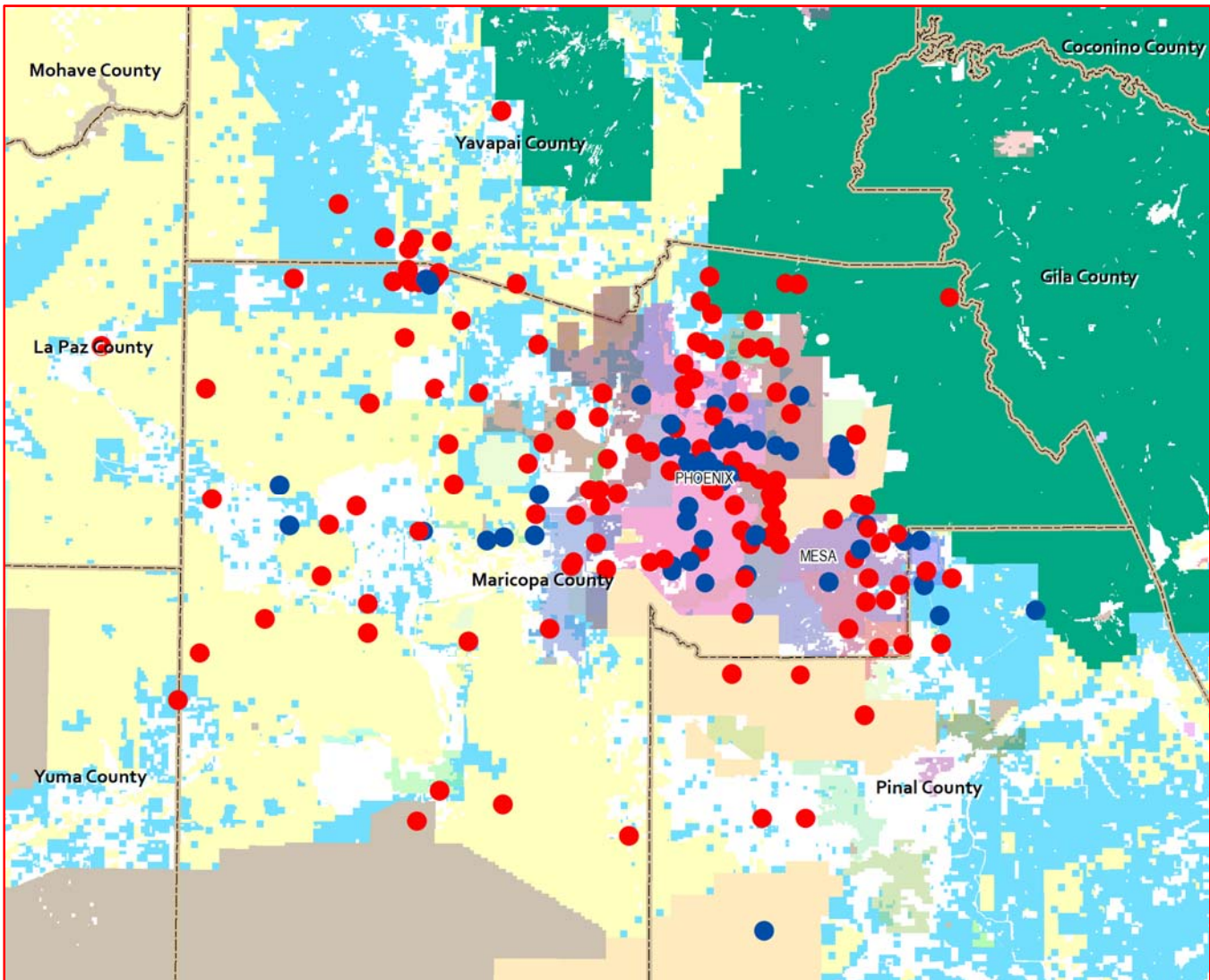
Term	Definition
Acre-foot (ac-ft or af)	The quantity of water required to cover 1 acre to a depth of 1 foot and is equivalent to 43,560 cubic feet or about 326,000 gallons or 1,233 cubic meters.
Basin	A typically man-made structure that is partially or entirely below the normal grade of land where it lies. It is for detaining water for release to another structure such as a storm drain.
CAP	Central Arizona Project, as in the CAP canal.
Cubic Feet per Second (cfs)	The rate of discharge representing a volume of 1 cubic foot passing a given point during a one-second interval, and is equivalent to approximately 7.48 gallons per second, 448.8 gallons per minute, or 0.02832 cubic meters per second.
Daily Mean Discharge	The average discharge in cfs for a 24 hour period from midnight to midnight the following day.
Data Gaps in Period of Record	<p>Data gaps referred to here are typically due to construction activities that cause the gage and station to be removed and out of service for a period of time.</p> <p>There are times when the station is down due to internal or external failure (battery, transmitter, repeater), but the station remains 'in the ground.' These gaps are not accounted for in this report.</p>
Discharge (Q)	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 (DA)	The 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.
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.
FRS	Flood Retarding Structure, refers to dams originally constructed by the Soil Conservation Service (SCS), now known as the Natural Resources Conservation Service (NRCS).
Gage (or gauge)	Refers to a measuring device or sensor, such as a pressure transducer, or bubbler orifice, or a passive device, such as a staff gage, or crest-stage gage.
Gage Datum	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	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.
Gage Station or Station	A particular site on a river, stream, canal, lake, or reservoir where systematic observations of hydrologic data are obtained.
Mean Discharge (cfs)	(MEAN) is the arithmetic mean of individual daily mean discharges during a specific period.

NGVD29 - (aka MSL)	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.
NAVD88	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 (cfs)	is the maximum instantaneous discharge for a given flood event.
Period of Record (POR)	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 above 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, or 1 in 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 or 1 in 2) chance of occurring 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 gage in terms of gage height above the water level measuring instrument.

Stage-Discharge Relationship	is the relation between gage height (stage) and the volume of water, per unit of time, flowing in a channel or from a pipe or culvert.
Stage-Storage Relationship	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 includes 9 of the 12 months. Thus, the water year beginning October 1, 2015 and ending September 30, 2016, is called the "2016 Water Year."

FCDMC STREAMFLOW AND IMPOUNDMENT GAGE LOCATIONS – WY 2017



	Streamflow Station
	Impoundment / Storage Station

New Installations in Water Year 2017

There were 8 new streamgage stations established during Water Year 2017.

Table 5: New Installations

Station	ID	Date Installed	Requesting Agency
Prickly Pear Wash	08107	06/01/2017	Phoenix
Siphon Draw Wash at Signal Butte	37607	12/22/2016	Mesa
Sonoqui Wash near Hawes Road	36307	12/21/2016	Queen Creek
University Dr at 62 nd St Basin	34607	12/23/2016	Mesa
UPRR Underpass at Central Ave	03107	05/30/2017	Phoenix
UPRR Underpass at First Ave	03207	05/30/2017	Phoenix
Wagner Wash at Sun Valley Pkwy	44707	02/16/2017	FCDMC
White Tank Outlet Channel	87407	12/07/2016	FCDMC

Station Changes in Water Year 2017

1. White Tank FRS #4 previously had two pool gage IDs (#6822 and #6823.) Reconstruction of the dam and outlet has reduced the station to a single gage at the principal outlet (#6823.)
2. Santa Rosa Wash at SR84 (#0798) was permanently removed from service on May 9, 2017.

Gage Stations included in this report (click on page number to go to that page)

NAME	ID	Page
Arizona Canal Diversion Channel (ACDC) at 36 ^h Street	4808	1
ACDC at 14 th Street	4813	5
ACDC at 43 rd Avenue	4823	9
ACDC at 67 th Avenue	5523	13
Adobe Dam Pool	5538	18
Adobe Dam Outlet	5539	23
Agua Fria River at Grand Avenue	5503	27
Agua Fria River at Buckeye Road (MC-85)	5403	31
Amigos Wash	6648	35
Antelope Creek	7168	39
Apache Junction FRS	6673	43
Aspen Dam	5988	49
Baseline Road at 43 rd Avenue Basin	66407	55
Bender Wash	6963	61
Berneil Wash	4688	65
Box Wash	5273	69
Buckeye FRS #1	5203	73
Buckeye FRS #2	5208	79
Buckeye FRS #3	6813	85
Bullard Wash at Indian School Road	6868	91
Bullard Wash (near Gila River)	6863	95
Camelback Road at 24 th Avenue Basin	6807	99
CAP Reach #11 Dike #1	8407	105
CAP Reach #11 Dike #2	58607	111
CAP Reach #11 Dike #3	60107	117
CAP Reach #11 Dike #4	59807	123
Casandro Wash	7093	129
Casandro Dam	7133	133
Cave Buttes Dam Pool	4904	139
Cave Buttes Dam Outlet	4903	144
Cave Creek at Ashdale Ranger Station	4947	148
Cave Creek at Spur Cross	4923	152
Cave Creek (in town of Cave Creek)	4893	156
Cave Creek near Cave Creek	4918	160
Cave Creek at CAP	4907	164
Cave Creek at Cactus Road	4833	168
Centennial Wash near Aguila	5178	172
Centennial Wash at Wenden	5093	176
Centennial Levee	5123	180
Centennial Wash at UPRR	5103	184
Centennial Tributary at Dobbins Road	5049	188
Cline Creek	5583	192
Colter Channel at El Mirage Road	5408	196

NAME	ID	Page
Columbus Wash	5013	200
Copper Wash	5033	204
Crossroads Park	6623	208
Cruff Wash	5078	213
Daggs Wash	5498	217
Delaney Wash	5108	221
Desert Hills Wash	4898	225
Dreamy Draw Dam	4803	229
Dysart Drain at LAFB	5413	235
Dysart Drain at El Mirage Road	5423	239
East Fork Cave Creek Basin #1	4648	243
East Fork Cave Creek Basin #3A	8807	249
East Fork Cave Creek Basin #3B	4683	255
East Fork Cave Creek Basin #4	4658	261
East Fork Cave Creek near 7 th Avenue	4668	267
El Mirage Road Drain	5483	271
East Maricopa Floodway (EMF) at Broadway Road	6573	275
EMF below Powerline Floodway	6758	279
EMF at Queen Creek Road	6583	283
EMF at Arizona Avenue	6598	287
Estrella Fan	6893	291
Flying E Wash	7083	295
Ford Canyon Wash	5428	299
Fourth of July Wash	5043	303
Freestone Basin	6608	307
Galloway Wash at Galloway Road	20607	312
Gila River at Olberg Road	0783	316
Gila River at Maricopa Road	0778	320
Gila River at 116 th Avenue Bridge (Avondale Blvd.)	6848	324
Gila River at Estrella Parkway	6853	328
Golden Eagle Park Dam	5978	332
Grand Avenue at 27 th Avenue Basin	3807	338
Granite Reef Diversion	4568	344
Granite Reef Wash	4728	348
Greene Wash at SR84	0793	352
Guadalupe Channel	6603	356
Guadalupe FRS	6503	360
Harquahala FRS	5128	366
Hartman Wash	7063	372
Hassayampa River at Wagoner Bridge	5352	376
Hassayampa River at Box Canyon	5308	380
Hassayampa River at US60	5228	384
Hassayampa River near Morristown	5223	388
Hassayampa River at I-10	5283	392

NAME	ID	Page
Hesperus Dam	5993	396
Indian Bend Wash (IBW) at Sweetwater Avenue	4643	402
IBW at Shea Boulevard	4693	406
IBW near Indian Bend Road	4613	411
IBW at McDonald Drive	4628	415
IBW at Indian School Road	4618	419
IBW near McKellips Road	4603	423
IBW Interceptor Channel	4623	427
Jackrabbit Wash	5218	431
Lake Margherite	4678	435
Laveen Basin	4578	439
Magma FRS	6718	445
Martinez Creek	7013	451
McDowell Mountain Road	5923	455
McMicken Dam at Bell Road	5443	459
McMicken Dam	5448	463
McMicken Floodway	5438	469
Mineral Canyon Basin	68807	473
New River Fire	5638	479
New River Dam Pool	5614	483
New River Dam Outlet	5613	488
New River at Bell Road	5598	492
New River at Glendale Avenue	5508	496
North Heights Dam	5983	501
Old Crosscut Canal	4748	507
Paradise Lane at 33 rd Drive Basin	12407	511
Paradise Lane at 47 th Avenue Basin	13707	517
Pecos Sediment Basin	6537	523
Pecol Basin Pool	6538	529
Pecos North Inlet	6532	535
Pecos East Inlet	6533	539
Pecos West Inlet	6534	543
Phoenix Dam #2A	4789	547
Phoenix Dam #2B	4778	553
Phoenix Dam #3	4828	559
Phoenix Dam #4	4838	565
Phoenix Dam #7	4853	571
Phoenix Dam #99	4843	577
Phoenix East Park Dam	4848	583
Phoenix West Park Dam	4858	589
Phoenix Zoo Dam #3	4307	595
Phoenix Zoo Dam #5	4407	601
Picacho Wash	5678	607
Pima Canyon Wash	6523	611

NAME	ID	Page
Powder House Wash	7113	615
Powerline Floodway	6708	619
Powerline FRS	6683	623
Price Drain at Loop 202	4573	629
Prickly Pear Wash	8107	633
Queen Creek at CAP	6723	637
Queen Creek at Rittenhouse Road	6707	641
Rainbow Wash	6953	645
Rawhide Wash	4863	649
Reata Pass Dam	4938	653
Reata Pass Wash	4588	659
Rittenhouse FRS	6703	663
Roeser Road at 23 rd Avenue Basin	66807	669
Saddleback FRS	5113	675
Salt River below Granite Reef Diversion	4583	681
Salt River at Val Vista Drive	4548	685
Salt River at Priest Drive	4523	689
Salt River at 7 th Avenue	4763	693
Salt River at 51 st Avenue	4753	697
Salt River at 67 th Avenue	4758	701
Sand Tank Wash at I-8	6933	705
Santa Cruz River at SR84	0788	709
Santa Rosa Wash at SR84	0798	713
Sauceda Wash	6923	717
Scatter Wash	5543	721
Seven Springs Wash	4963	725
Signal Butte FRS	6628	729
Siphon Draw Wash at Signal Butte Road	37607	735
Skunk Creek near New River	5588	739
Skunk Creek at Desert Hills Drive	64807	743
Skunk Creek at Carefree Highway	65707	747
Skunk Creek at Dixileta Drive	64907	751
Skunk Creek at I-17	5568	755
Skunk Tank Wash	4888	759
Sols Wash at SR71	5276	763
Sols Wash Tributary at US93	7028	767
Sols Wash near Matthie	7043	771
Sonoqui Wash near Hawes Road	36307	775
Sonoran Wash	65907	779
South Mountain Fan	6563	783
Spookhill FRS	4563	787
Spookhill FRS at McDowell Road	6637	793
Spookhill FRS at McKellips Road	6638	799
Spookhill FRS at Brown Road	6693	805

NAME	ID	Page
Stagecoach Wash	4913	811
Stoneridge Dam	5968	815
Sun Valley Parkway at Northern Avenue Wash	5303	821
Sunnycove FRS	5248	825
Sunridge Canyon Dam	5973	831
Sunset FRS	5233	837
Sycamore Creek Fire PT	5873	843
Tat Momolikot Dam	0773	847
Tatum Wash Basin Inlet	4638	853
Tatum Wash Basin	4653	857
Tenth Street Wash Basin #1	4818	863
Tiger Wash	5163	869
Twin Buttes Wash	73207	873
University Drive at 62 nd Street (Mesa) Basin	34607	877
Upper Trilby Wash	5488	883
UPRR Underpass at First Avenue	3107	887
UPRR Underpass at Central Avenue	3207	891
US60 at Gold Canyon Wash	36907	895
Vekol Wash	6983	899
Vineyard FRS	6688	903
Vulture Mine Road	5263	909
Wagner Wash at Sun Valley Parkway	44707	913
Waterman Wash at Rainbow Valley Road	6833	917
Weekes Wash at Baseline Road	6753	921
White Tanks FRS #3	5418	925
White Tanks FRS #4	6823	931
White Tank Outflow Channel	87407	937
Whitlow Ranch Dam	6739	941
Winters Wash	5118	947

SUMMARY OF SIGNIFICANT STREAMFLOW EVENTS

Rainfall and runoff in Maricopa County occur primarily in the summer and winter. However, significant rainfall can occur during a transitional season following the summer monsoon.

From a water year standpoint, the year begins in October with the onset of the transition period from the summer monsoon to a more zonal westerly air flow pattern. During this transition period, both southerly tropical flow mixes with weather disturbances from the northwest and can produce severe weather and heavy rainfall. The traditional winter season generally occurs from December through early April and is typified by large-scale low pressure systems moving southward along the west coast from the northwest. Following the winter season, a dry period occurs from mid-April to mid-June. After this dry period, the summer monsoon season begins June 15 and continues through September 30. The summer monsoon season is characterized by a altering of the zonal westerly flow pattern, to a more south and easterly air flow pattern.

For Water Year 2017, early fall got off to a quick start in October with precipitation and runoff on 10/13, with further less significant rainfall and runoff events through mid-December.

The winter rainy season proved to be rather rainy. Beginning in mid December, there were several rather rainy periods. From December 22 through January 1, significant rainfall occurred on 12/22, 12/24, 12/31, and 1/1. Several stations had their peak annual maximums on 12/22 and/or 1/1. A short break from heavy precipitation occurred from January 1 through January 20. Another significant rain/runoff occurred on 1/20-1/21. A dry period again persisted after this event through mid/late-February. The final significant winter event occurred on 2/28. As a result of significant snow accumulation in the Verde River watershed, runoff occurred on the Salt River passed Granite Reef diversion for the first time since 2010. The peak began just downstream of the diversion dam at about 22,000 cfs and ultimately dissipating at the Estrella Parkway station on the Gila River to a peak of about 12,000 cfs. The peak runoff on the Salt/Gila Rivers occurred on March 1 and 2. After the First of March, no other runoff producing rainfall occurred until the summer monsoon season.

The summer rains began in about mid-July this year with an event that affected the southwest valley on 7/16. Wickenburg was hit with rain and runoff on 7/18 and continued to receive rain throughout the monsoon season. The other winner for heavy rain and runoff was Queen Creek and the southeast valley. July 23-24 saw some very significant runoff. Ten days hence was another active period from August 3-4 in Wickenburg and east and central valley area. A few other events happened in August, and one in September. But the monsoon season tended to end in most of the county in late-August. Of note, there was very little tropical activity this past summer.

Highlights of the runoff and impoundment events are summarized on the following two pages.

Maximum Flows for Water Year 2017 at Selected FCDMC Water Level Sensor Locations

Red values are peaks of record

Location	Discharge (cfs)	Stage (feet)	Date
ACDC at 43 rd Avenue (4823)	975	2.37	12/22/2016
Amigos Wash (6648)	228	1.35	07/24/2017
Antelope Creek (7168)	1,217	3.30	01/21/2017
Bullard Wash at Indian School Road (6868)	509	2.57	07/16/2017
Cave Creek at Ashdale (4947)	1,702	6.77	02/28/2017
Cave Creek at Spur Cross (4923)	1,827	7.78	01/21/2017
Cave Creek (4893)	2,138	6.05	02/28/2017
Cave Creek near Cave Creek (4918)	1,659	3.64	02/28/2017
Cruff Wash (5078)	1,550	4.14	07/29/2017
Delaney Wash (5108)	1,310	5.85	07/24/2017
EMF at Broadway Road (6573)	1,045	2.32	07/24/2017
EMF below Powerline Floodway (6758)	1,389	3.37	07/24/2017
EMF at Queen Creek Road (6583)	2,542	4.30	07/24/2017
EMF at Arizona Avenue (6598)	2,591	4.48	07/24/2017
Gila River at 116 th Avenue (6848)	11,075	5.99	03/02/2017
Gila River at Estrella Parkway (6853)	14,893	11.14	03/02/2017
Hassayampa River at Wagoner (5352)	706	3.50	07/28/2017
Hassayampa River at Box Canyon (5308)	5,161	8.92	02/28/2017
Hassayampa River at US60 (5228)	5,750	2.90	02/28/2017
Hassayampa River near Morristown (5223)	2,841	10.31	02/28/2017
Hassayampa River at I-10 (5283)	1,000	2.62	02/28/2017
Martinez Creek (7013)	1,730	5.03	08/01/2017
New River Fire (5638)	4,731	4.67	02/28/2017
Powder House Wash (7113)	1,000	0.53	08/10/2017
Rainbow Wash (6953)	1,921	4.23	07/24/2017
Salt River below Granite Reef (4583)	22,641	16.32	03/01/2017
Salt River at Val Vista Road (4548)	21,048	10.76	03/01/2017
Salt River at Priest Drive (4523)	21,922	8.34	03/01/2017
Salt River at 7 th Avenue (4763)	12,712	12.27	03/01/2017
Salt River at 51 st Avenue (4753)	11,376	10.50	03/01/2017
Salt River at 67 th Avenue (4758)	8,953	7.96	03/01/2017

Note: Many stations recorded multiple events. These are the maximum peaks for the year.

Maximum Impoundments for Water Year 2017 at Selected FCDMC Water Level Sensor Locations

Red values are peaks of record

Location	Discharge (cfs)	Stage (feet)	Contents (ac-ft)	Contents (%full)	Date
Adobe Dam Pool (5539)	249	5.68	90.	0.6	01/01/2017
Apache Junction FRS (6673)	15	6.87	54.9	8.1	07/24/2017
Cave Buttes Dam Pool (4904)	208	18.87	374.5	0.8	03/01/2017
Golden Eagle Park Dam (5978)	491	6.37	2.7	2.9	08/03/2017
Harquahala FRS (5128)	0	13.67	22.3	0.3	07/28/2017
Magma FRS (6718)	51	5.98	74.8	1.3	08/13/2017
New River Dam Pool (5614)	1,351	15.97	1,414.	3.2	02/28/2017
North Heights Dam (5983)	142	7.77	1.6	1.2	01/20/2017
Pecos Sediment Basin (6537)	40	16.38	40.6	88.3	08/13/2017
Powerline FRS (6683)	106	8.99	1,063.9	21.7	07/24/2017
Rittenhouse FRS (6703)	71	5.29	58.2	1.5	12/22/2016
Saddleback FRS (5113)	35	1.02	66.	1.0	07/24/2017
Signal Butte FRS (6628)	0	9.15	127.	7.7	07/25/2017
Sunnycove FRS (5248)	0	11.20	9.1	4.2	08/10/2017
Sunridge Canyon Dam (5973)	83	4.54	0.1	0.1	07/24/2017
Sunset FRS (5233)	0	7.52	8.6	11.2	08/10/2017
Tat Momolikot Dam (0773)	0	8.97	1,788.	0.9	08/05/2017
University Drive at 62 nd Street Basin (34607)	7	5.64	4.9	20.0	07/24/2017
Vineyard FRS (6688)	190	9.26	3,225.1*	68.9*	07/24/2017
White Tank FRS #4 (6823)	0	5.78	36.5	2.5	07/24/2017
Whitlow Ranch Dam (6739)	486	25.45	577.	3.8	01/24/2017

*Vineyard FRS under construction, and therefore the Volume and percent full data are not correct.

Note: Many stations recorded multiple events. These are the maximum peaks for the year.

DATA PRESENTATION

The following pages present the data collected by the Flood Control District ALERT system. Data have been retrieved from a TriLynx Systems, LLC® NovaStar5 database, maintained at the Flood Control District of Maricopa County.

The data pages are in alphabetical order by name. If there are more than one station on a stream such as Cave Creek, the stations are placed in stream order, upstream to downstream.

All stations set up from mid-2015 and forward have been assigned ALERT2 gage IDs. Stations set up before then have the ALERT1 station ID format (xxxx). ALERT2 stations have a 5-digit ID number assigned (xxxx7).

The data tables included with each gage are reports directly produced by a database function. In the tables where there are dashes “- - -” on 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.

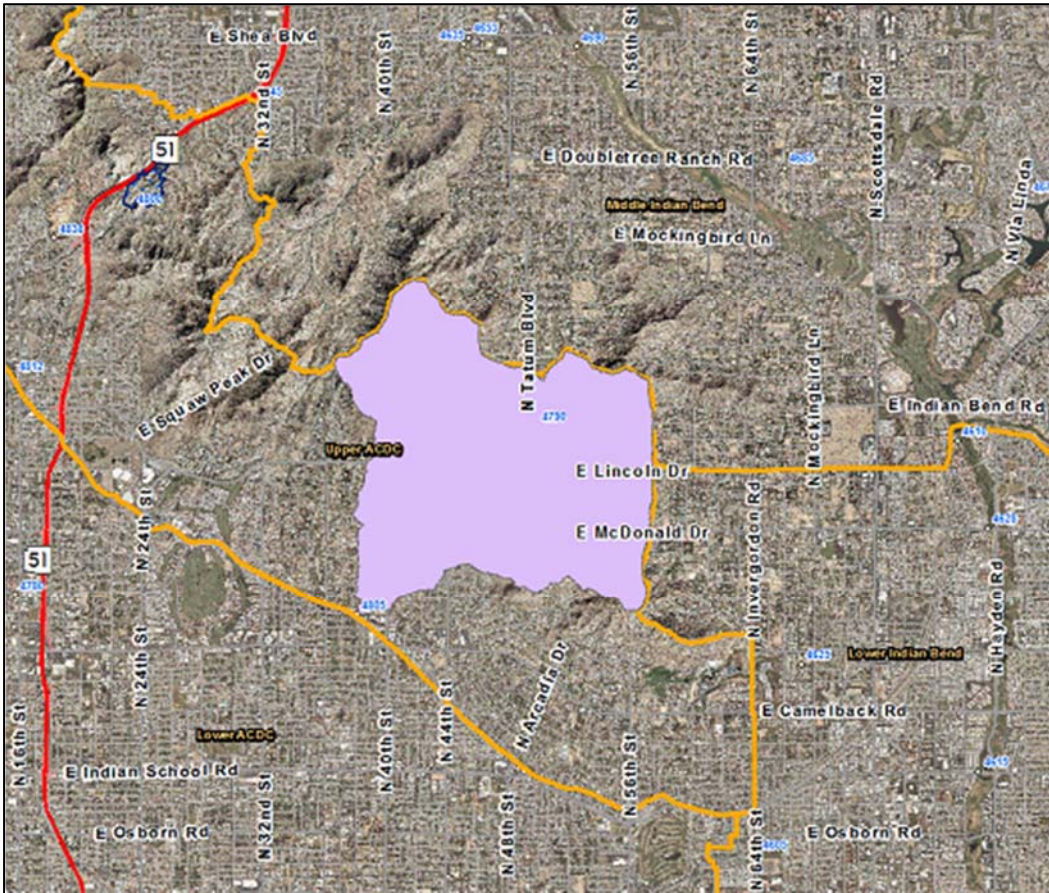
Arizona Canal Diversion Channel at 36th Street, ID #4808



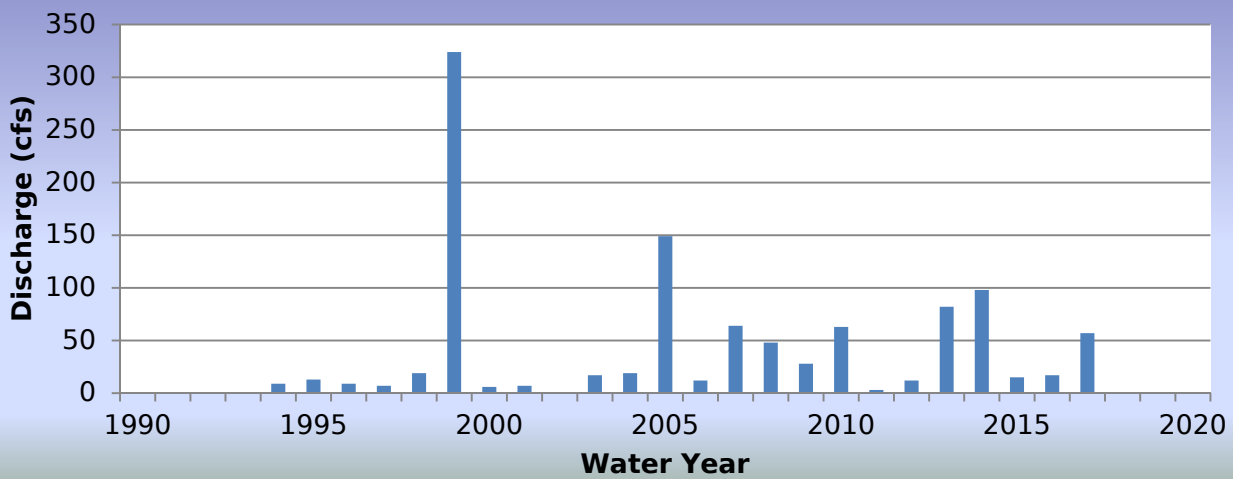
Site Data

LOCATION	At the inlet to the ACDC near 36th Street and Stanford Drive
DRAINAGE AREA	4.8 mi ²
STREAM TYPE	Engineered Basin / Channel
JURISDICTION	Phoenix, Arizona
WATERSHED	Upper ACDC
SECTION/TOWNSHIP/RANGE	S13 T2N R3E
LATITUDE	N 33° 30' 49.3" +33.51368
LONGITUDE	W 111° 59' 58.7" -111.99963
STREAMGAGE INSTALLATION DATE	02/24/1994 - WY 1994
AVAILABLE PERIOD OF RECORD (POR)	02/24/1994 - Current
LENGTH OF AVAILABLE POR DATA	23.60 Years 8,620 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.12 feet Gage Height
ZERO GAGE HEIGHT ELEVATION	1,235.95 feet M.S.L.
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	324 cfs 7.67 feet 07/14/1999

Watershed Map



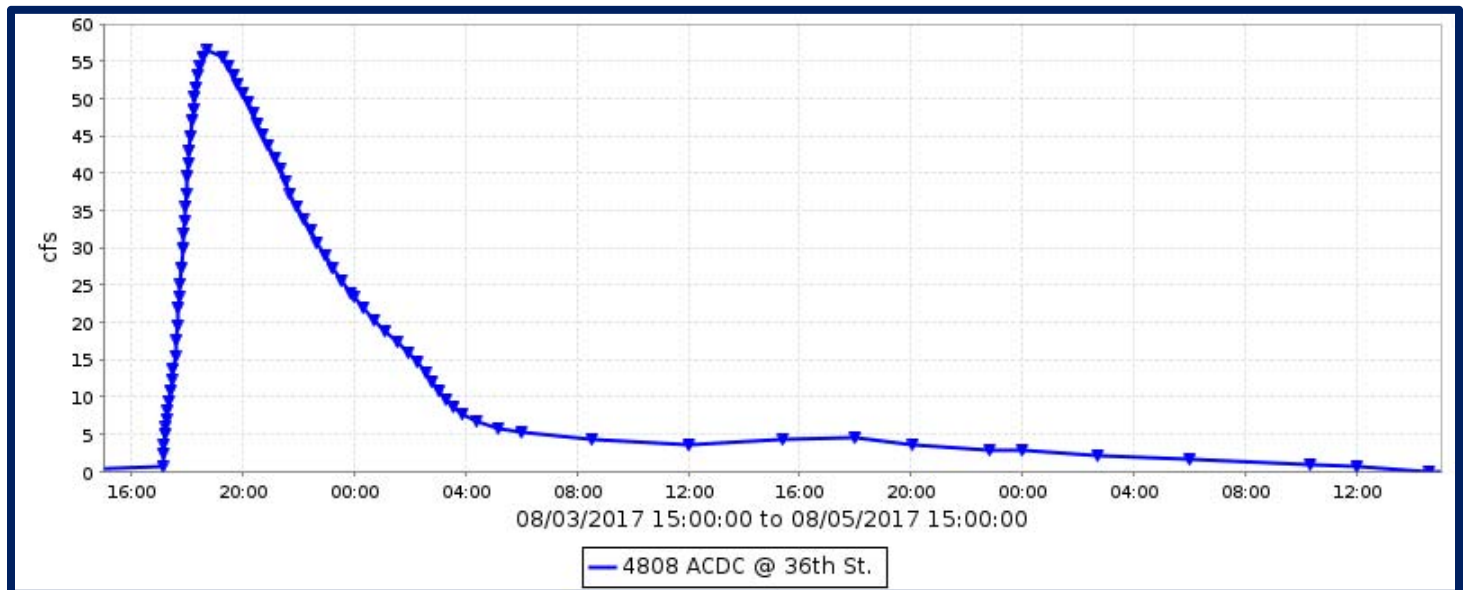
ACDC at 36th Street - water year peaks



WY2017 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
11/03/2016	0.64	3
11/27/2016	0.54	3
12/22/2016	1.19	8
12/24/2016	0.64	3
01/01/2017	0.66	4
01/20/2017	0.84	5
02/18/2017	0.56	3
02/28/2017	0.99	7
07/17/2017	1.54	12
07/21/2017	0.96	6
08/03/2017	4.55	57

Hydrograph of peak WY 2017 flow event, 08/05/2017



Flood Flow Frequency

Flood Flow Frequency N=24, HEC-WRC computation (based on 24 years of data)					
2-year	5-year	10-year	20-year	50-year	100-year
21	58	101	163	281	408

ACDC at 36th Street, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values														
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP			
1				1											
2															
3		1									11				
4											6				
5											1				
6															
7															
8															
9															
10															
11															
12															
13															
14															
15															
16															
17										3					
18						2									
19						2									
20				1											
21				1						1					
22			1												
23															
24			1												
25															
26															
27															
28						2									
29						---									
30						---									
31		---				---		---		---		---			
TOTAL	0	2	2	2	6	0	0	0	0	4	18	0			
MEAN	0	0	0	0	0	0	0	0	0	0	1	0			
MAX	0	3	8	5	7	0	0	0	0	12	57	0			
MIN	0	0	0	0	0	0	0	0	0	0	0	0			
AC_FT	0	3	4	5	12	0	0	0	0	9	37	0			
WTR YR 2017	TOTAL		35	MEAN		0	MAX		57	MIN		0	AC_FT		70

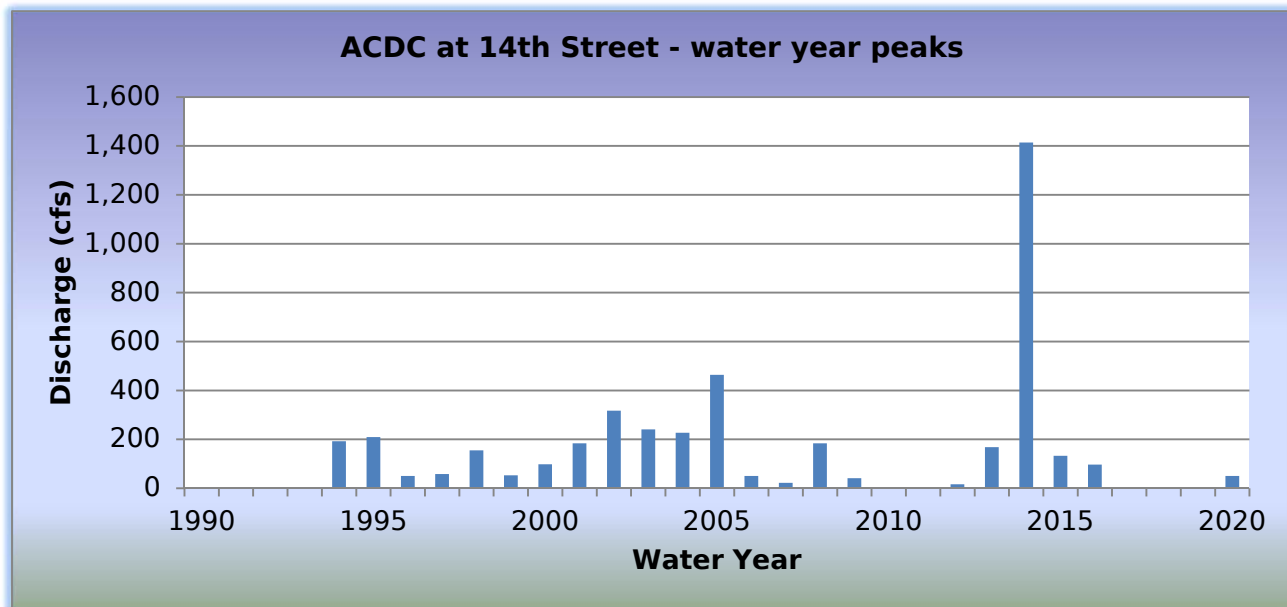
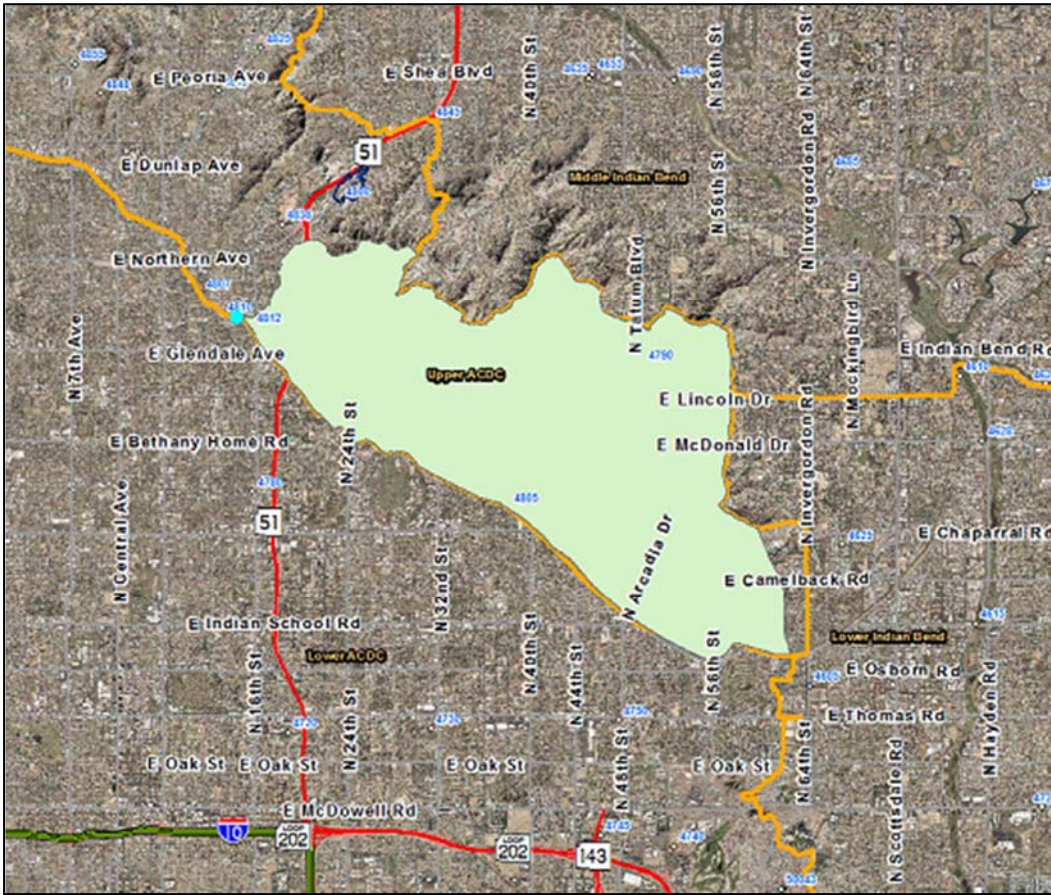
Arizona Canal Diversion Channel at 14th Street – ID #4813



Site Data

LOCATION	Near 14th Street and Orangewood Avenue
DRAINAGE AREA	10.2 mi ²
STREAM TYPE	Engineered Channel
JURISDICTION	Phoenix, Arizona
WATERSHED	Upper ACDC
SECTION/TOWNSHIP/RANGE	S04 T2N R3E
LATITUDE	N 33° 32' 37.3" +33.54369
LONGITUDE	W 112° 03' 05.1" -112.05141
STREAMGAGE INSTALLATION DATE	02/09/1994 - WY 1994
AVAILABLE PERIOD OF RECORD (POR)	02/09/1994 - Current
LENGTH OF AVAILABLE POR DATA	23.64 Years 8,635 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.40 feet Gage Height
STAFF GAGES	1
ZERO GAGE HEIGHT ELEVATION	1,213.70 feet M.S.L.
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	1,414 cfs 6.75 feet 09/08/2014

Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
None		

Hydrograph of peak WY 2017 flow event

There was no runoff recorded in Water Year 2017.

Flood Flow Frequency

Flood Flow Frequency N=24, HEC-WRC computation (based on 24 years of data)					
2-year	5-year	10-year	20-year	50-year	100-year
89	298	521	798	1,240	1,630

ACDC at 14th Street, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values														
	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		---			---		---		---			---			
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 2017	TOTAL		0	MEAN		0	MAX		0	MIN		0	AC_FT		0

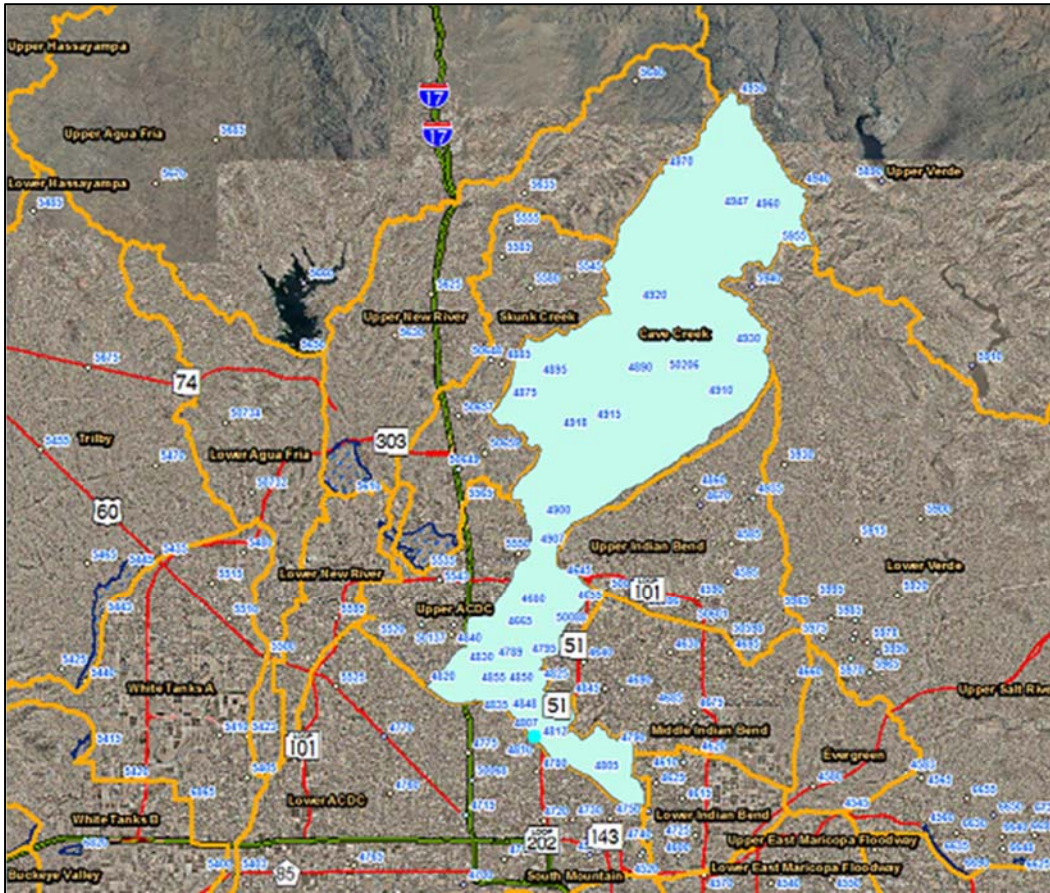
Arizona Canal Diversion Channel at 43rd Avenue, ID #4823



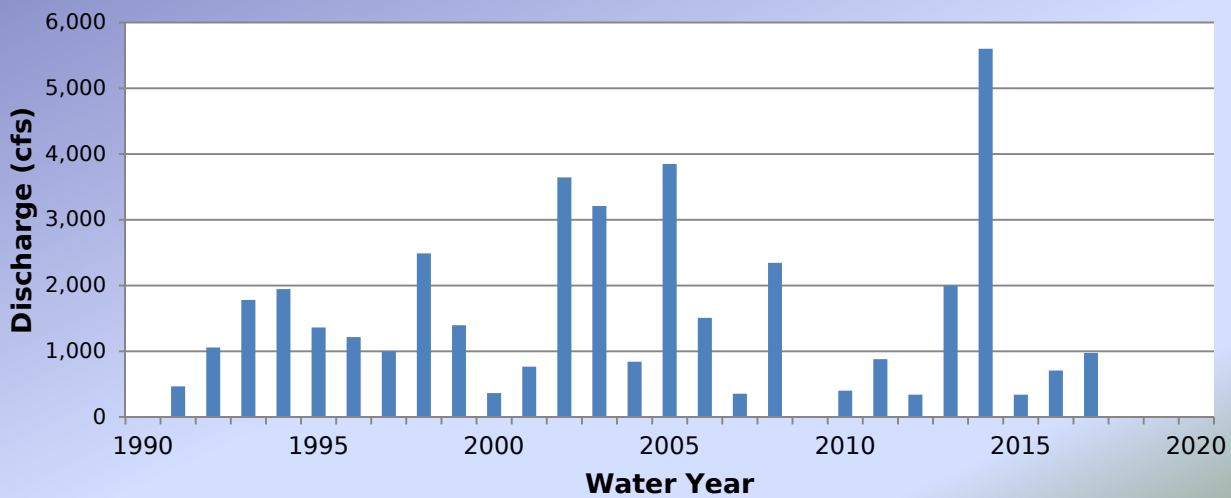
Site Data

LOCATION	Near Peoria and 43rd Avenues
DRAINAGE AREA	56 mi ² below Cave Buttes Dam
STREAM TYPE	Engineered Channel
JURISDICTION	Phoenix, Arizona
WATERSHED	Upper ACDC
SECTION/TOWNSHIP/RANGE	S22 T3N R2E
LATITUDE	N 33° 35' 02.4" +33.58400
LONGITUDE	W 112° 09' 15.2" -112.15422
STREAMGAGE INSTALLATION DATE	11/14/1990 - WY 1991
AVAILABLE PERIOD OF RECORD (POR)	11/14/1990 - Current
LENGTH OF AVAILABLE POR DATA	26.88 Years 9,818 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.90 feet Gage Height
STAFF GAGES	1
ZERO GAGE HEIGHT ELEVATION	1,198.52 feet M.S.L.
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	5,601 cfs 6.58 feet 09/08/2014

Watershed Map



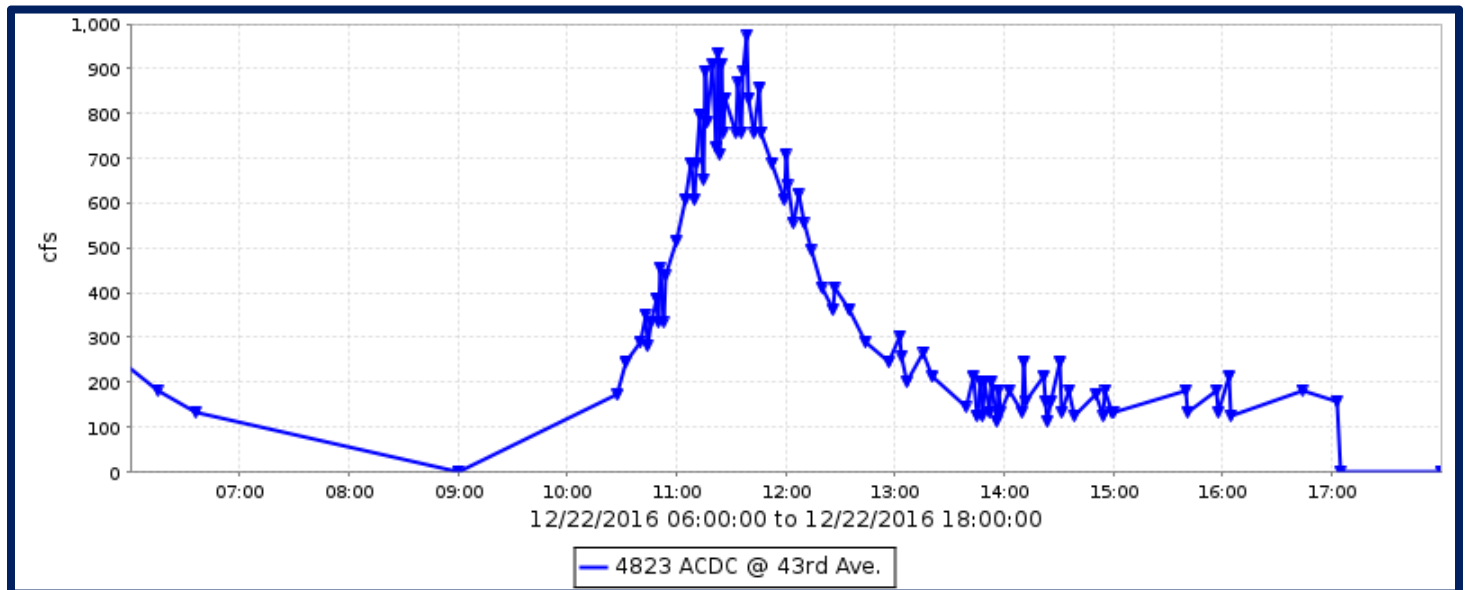
ACDC at 43rd Avenue - water year peaks



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
12/22/2016	1.72	514
12/22/2016	2.37	975
01/01/2017	1.17	230
01/20/2017	1.02	146
01/23/2017	1.02	146
02/28/2017	1.19	243

Hydrograph of peak WY 2017 flow event, 12/22/2016



Flood Flow Frequency

Flood Flow Frequency N=27, HEC-WRC computation (based on 27 years of data)					
2-year	5-year	10-year	20-year	50-year	100-year
1,110	2,220	3,190	4,290	5,980	7,470

ACDC at 43rd Avenue, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				37								
2						26						
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20				14								
21												
22			134									
23				12								
24												
25												
26												
27												
28					35							
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	134	63	35	26	0	0	0	0	0	0
MEAN	0	0	4	2	1	1	0	0	0	0	0	0
MAX	0	0	975	230	243	104	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	266	126	69	51	0	0	0	0	0	0
WTR YR 2017	TOTAL		258	MEAN	1	MAX	975	MIN	0	AC_FT		512

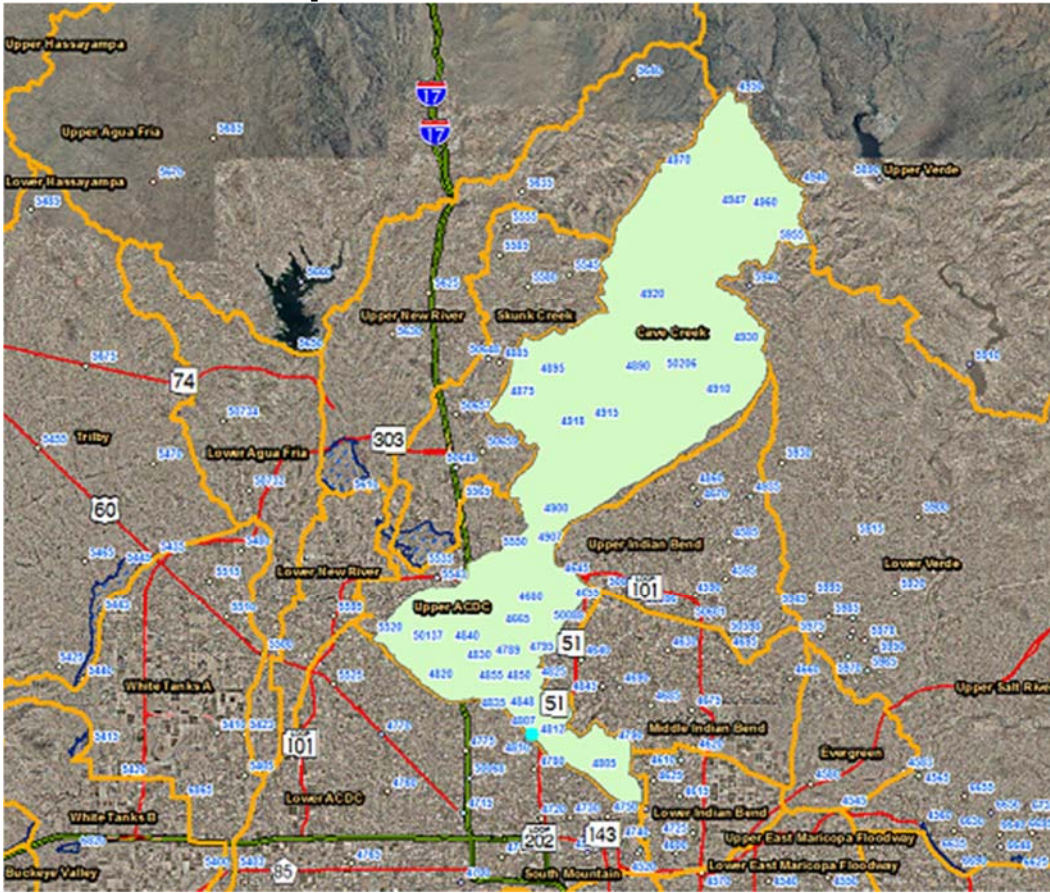
Arizona Canal Diversion Channel at 67th Avenue, ID #5523



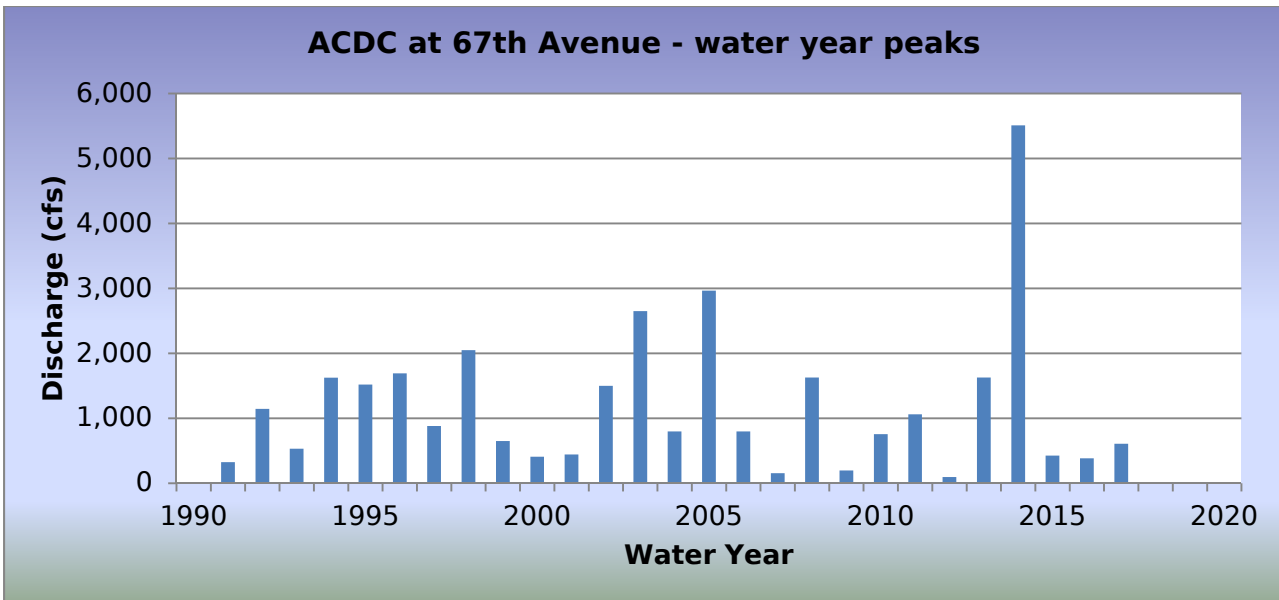
Site Data

LOCATION	On 67th Avenue south of Greenway Road
DRAINAGE AREA	283.7 mi ² below Cave Buttes Dam
STREAM TYPE	Engineered Channel
JURISDICTION	Glendale, Arizona
WATERSHED	Upper ACDC
SECTION/TOWNSHIP/RANGE	S12 T3N R1E
LATITUDE	N 33° 37' 17.8" +33.62161
LONGITUDE	W 112° 12' 09.7" -112.20269
STREAMGAGE INSTALLATION DATE	06/07/1990 - WY 1990
AVAILABLE PERIOD OF RECORD (POR)	06/07/1990 - Current
LENGTH OF AVAILABLE POR DATA	27.32 Years 9,978 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.00 feet Gage Height
STAFF GAGES	2
CREST STAGE GAGES	4
ZERO GAGE HEIGHT ELEVATION	1,187.25 feet M.S.L.
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	5,511 cfs 8.40 feet 09/08/2014

Watershed Map



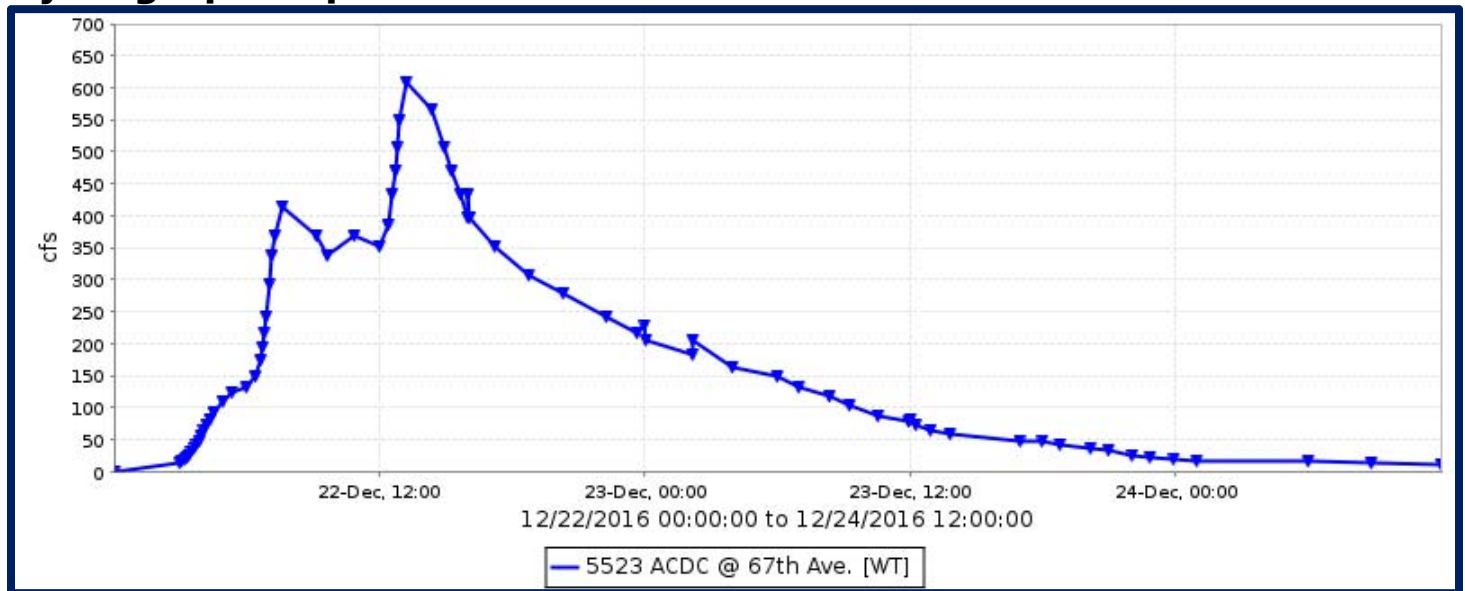
ACDC at 67th Avenue - water year peaks



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
10/02/2016	1.91	82
12/22/2016	3.91	609
12/24/2016	2.69	206
12/31/2016	2.05	96
01/01/2017	2.84	242
01/21/2017	3.03	293
01/23/2017	2.89	255
02/19/2017	2.74	217
02/28/2017	2.98	279
03/02/2017	2.93	266
07/17/2017	1.81	73
07/22/2017	1.42	46
07/24/2017	1.66	62
07/30/2017	1.66	62
08/04/2017	1.47	48
08/13/2017	1.13	31
08/24/2017	1.47	48

Hydrograph of peak WY 2017 flow event. 12/22/2016



Flood Flow Frequency

Flood Flow Frequency N=27, HEC-WRC computation (based on 27 years of data)					
2-year	5-year	10-year	20-year	50-year	100-year
849	1,820	2,650	3,580	4,970	6,150

NOTE(1): These results are based on very limited data.

NOTE(2): Cave Buttes Dam upstream limits the peak discharge from the upper portion of the watershed.

Flood Flow Frequency U.S. Army Corps of Engineers Design					
2-year	5-year	10-year	25-year	50-year	100-year
1,900	4,500	7,700	13,500	20,600	29,000

ACDC at 67th Avenue, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				145		82						
2	28			58		207						
3	11			12		139					1	
4						28					25	
5						7					2	
6						11					1	
7						10					2	
8						9					2	
9						8					1	
10						7					1	
11						6					2	
12						6					1	
13						5					19	
14						5					2	
15						5					2	
16						5					3	
17						5				29	3	
18					47	4				3	3	
19					146	4					2	
20				33	32	4					1	
21				166		4				9	1	
22			283	64		5				12	1	
23			100	186		9					2	
24			57	119		8				22	25	
25			74	23		7				8	3	
26			17	15		7					1	
27			13	14	7	6					1	
28			14	11	212	7					1	
29			11		---	6				1		
30			12		---					20		
31		---	71		---		---		---			---
TOTAL	39	0	651	847	443	617	0	0	0	105	106	0
MEAN	1	0	21	27	16	20	0	0	0	3	3	0
MAX	82	0	609	293	279	266	0	0	0	73	48	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	76	0	1292	1680	879	1224	0	0	0	208	211	0
WTR YR 2017	TOTAL		2808	MEAN	8	MAX	609	MIN	0	AC_FT	5570	

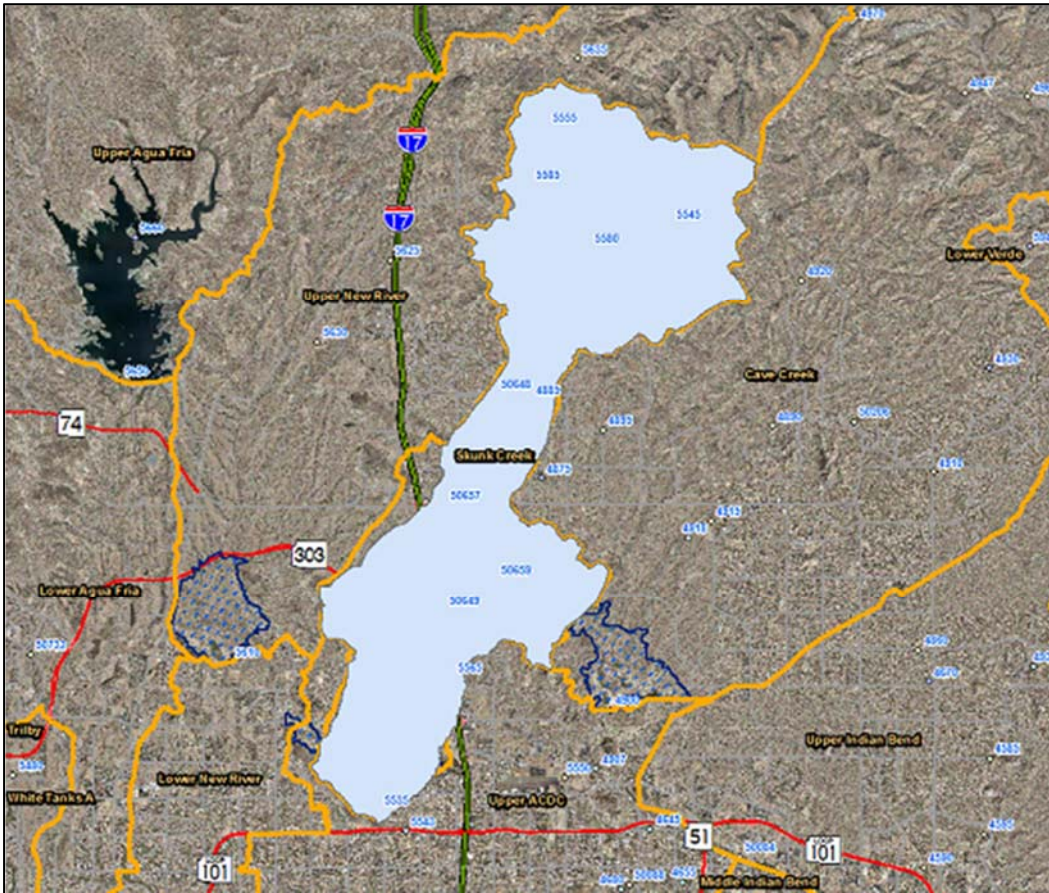
Adobe Dam Pool, ID #5539



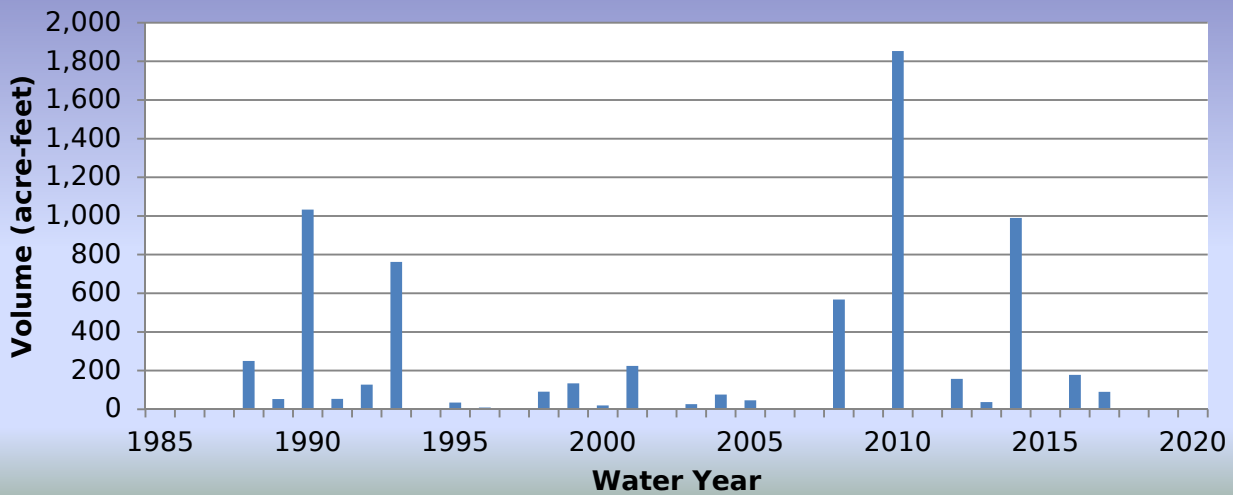
Site Data

LOCATION	Near 43rd Avenue and Deer Valley Drive
DRAINAGE AREA	89.6 mi ²
STREAM TYPE	Dam of natural drainage
JURISDICTION	Phoenix, Arizona
WATERSHED	Skunk Creek
SECTION/TOWNSHIP/RANGE	S21 T4N R2E
LATITUDE	N 33° 40' 38.0" +33.67670
LONGITUDE	W 112° 09' 14.3" -112.15397
STREAMGAGE INSTALLATION DATE	10/28/1982 - WY 1983
AVAILABLE PERIOD OF RECORD (POR)	08/30/1988 - Current
LENGTH OF AVAILABLE POR DATA	29.09 Years 10,624 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	2.85 Feet Gage Height
STAFF GAGES	14
ZERO GAGE HEIGHT ELEVATION	1,339.81 feet NAVD 1988
POINT OF ZERO FLOW	0.00 feet Gage Height
SPILLWAY ELEVATION	39.77 feet Gage Height
TOP OF DAM ELEVATION	65.07 feet Gage Height

Watershed Map



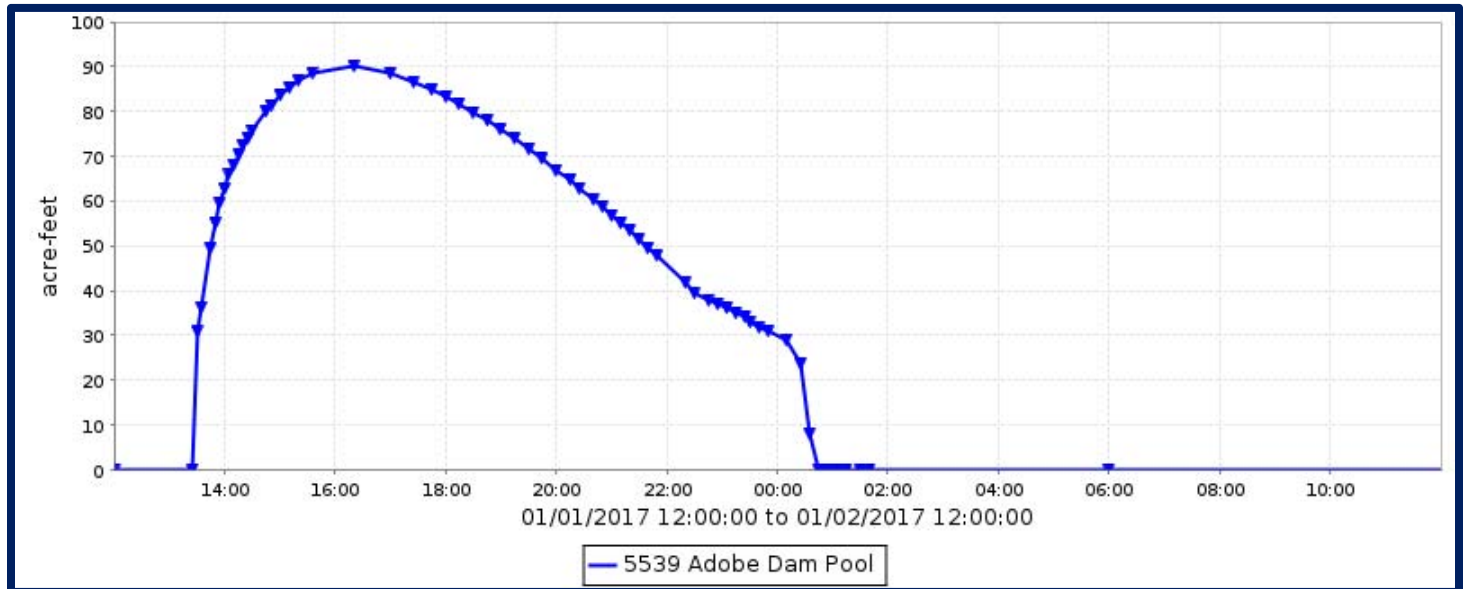
Adobe Dam Pool - water year peaks



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
12/22/2016	3.86	37	0.1
01/01/2017	5.68	90	0.6
02/28/2017	3.39	29	<0.1

Hydrograph of peak WY 2017 impoundment event, 01/01/2017



Adobe Dam Pool, volume data

Volume, in acre-feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				29								
2				1								
3												
4												
5											---	
6											---	
7										---		
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22			7									
23												
24												
25												
26												
27												
28					4							
29					---							
30					---							
31		---			---		---		---			---
MEAN	0	0	0	1	0	0	0	0	0	0	0	0
MAX	0	0	37	90	29	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2017	MEAN		0	MAX	90	MIN	0					

Adobe Dam Pool, stage data

Depth, in feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.9	2.9	2.9	3.7	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	2.9
3	2.9	2.9	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	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
6	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
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	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	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	2.9	2.9	2.9
16	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	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	3.0	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	0.0	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	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	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	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	2.9
29	2.9	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	2.9	2.9
31	2.9	---	2.9	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	3.9	5.7	3.4	2.9	2.9	2.9	2.9	2.9	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 2017	MEAN	2.86	MAX	5.68	MIN	2.85						

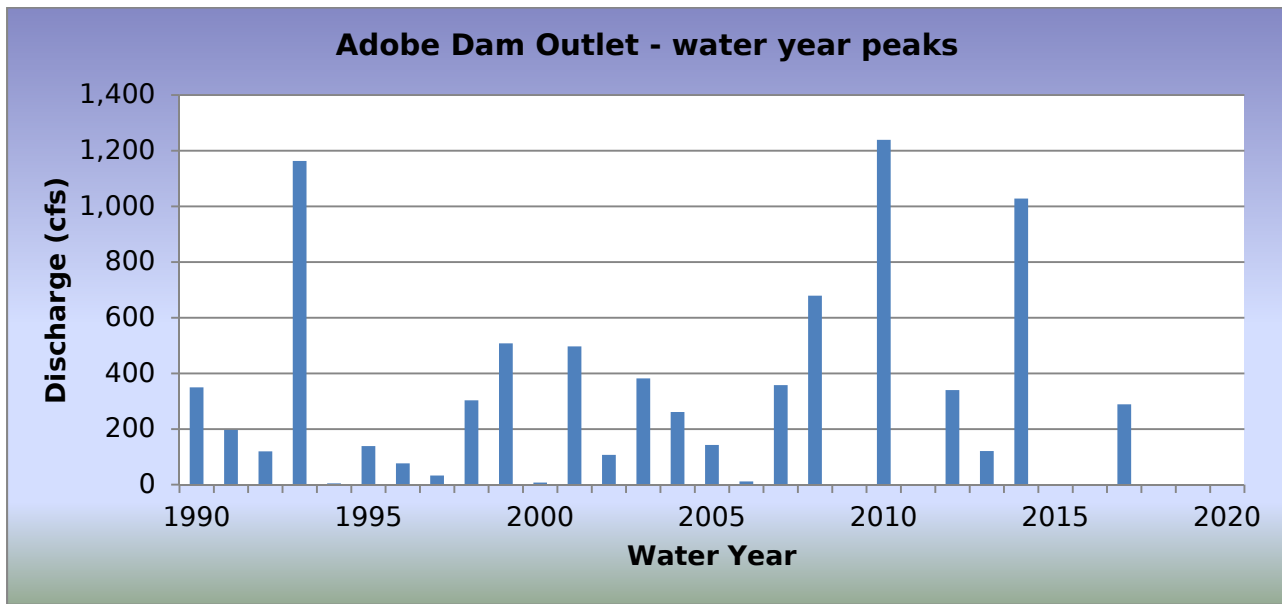
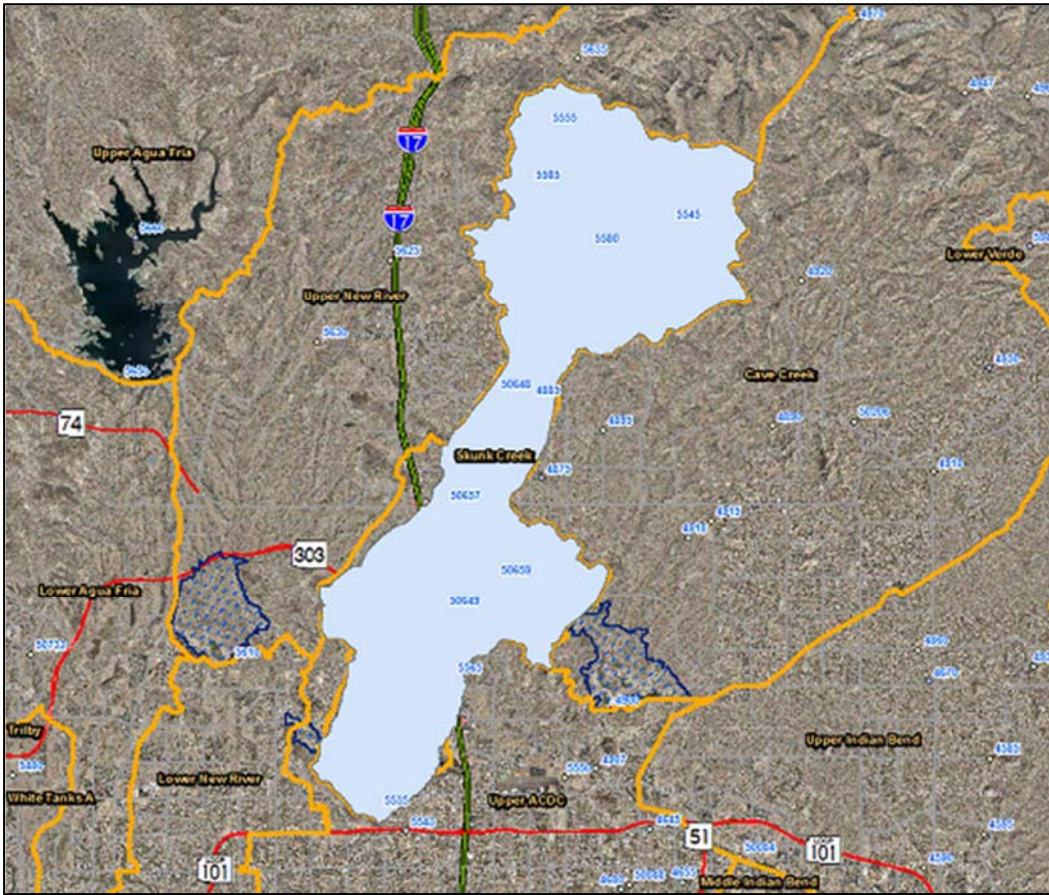
Adobe Dam Outlet, ID #5538



Site Data

LOCATION	Near 43rd Avenue and Deer Valley Drive
DRAINAGE AREA	89.6 mi ²
STREAM TYPE	Engineered Channel
JURISDICTION	Phoenix, Arizona
WATERSHED	Upper ACDC
SECTION/TOWNSHIP/RANGE	S21 T4N R2E
LATITUDE	N 33° 40' 38.0" +33.67670
LONGITUDE	W 112° 09' 14.3" -112.15397
STREAMGAGE INSTALLATION DATE	10/28/1982 - WY 1983
AVAILABLE PERIOD OF RECORD (POR)	08/03/1990 - Current
LENGTH OF AVAILABLE POR DATA	27.16 Years 9,921 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.00 feet Gage Height
STAFF GAGES	1
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,330.27 feet NAVD88
POINT OF ZERO FLOW	-0.3 feet Gage Height
EXTREME FOR PERIOD OF RECORD	1,239 cfs 7.01 feet GH 01/22/2010

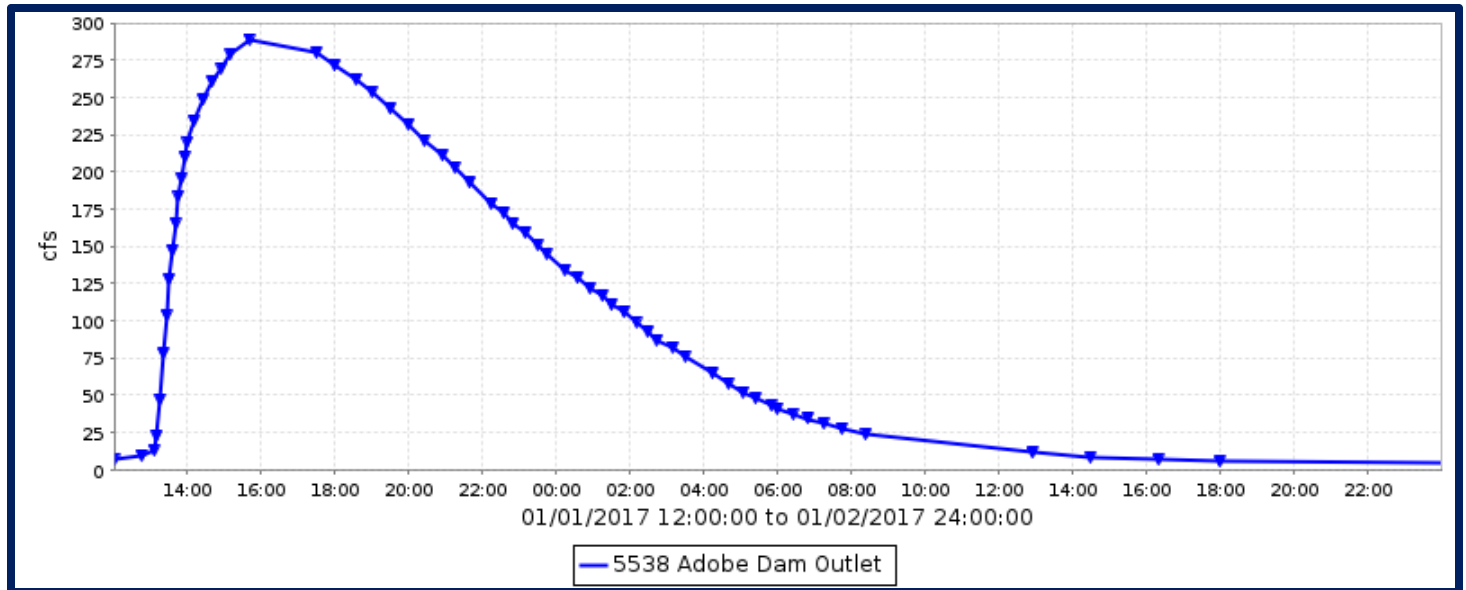
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
12/22/2016	2.66	178
01/01/2017	3.39	289
01/21/2017	1.11	33
02/28/2017	2.07	114

Hydrograph of peak WY 2017 flow event, 01/01/2017



Flood Flow Frequency

Flows past this gage are regulated by Adobe Dam directly upstream. Flood Flow Frequency is therefore not valid.

Adobe Dam Outlet, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				105		20						
2				34		1						
3			1	4								
4			1	1								
5			1								---	
6											---	
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21				11								
22			39	5								
23			35	1								
24			3	1								
25			1									
26			1									
27												
28					33							
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	86	163	33	20	0	0	0	0	0	0
MEAN	0	0	3	5	1	1	0	0	0	0	0	0
MAX	0	0	178	289	114	62	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	170	324	65	40	0	0	0	0	0	0
WTR YR 2017	TOTAL		303	MEAN		1	MAX	289	MIN	0	AC_FT	600

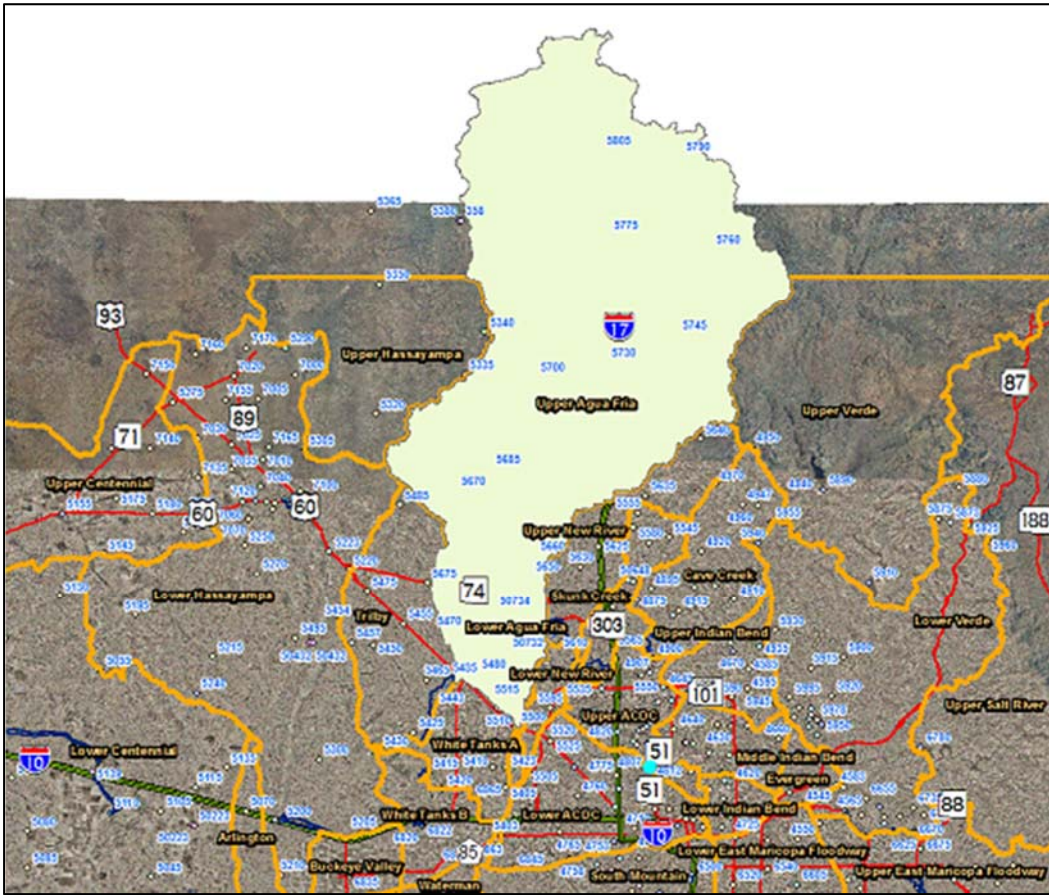
Agua Fria River at Grand Avenue, ID #5503



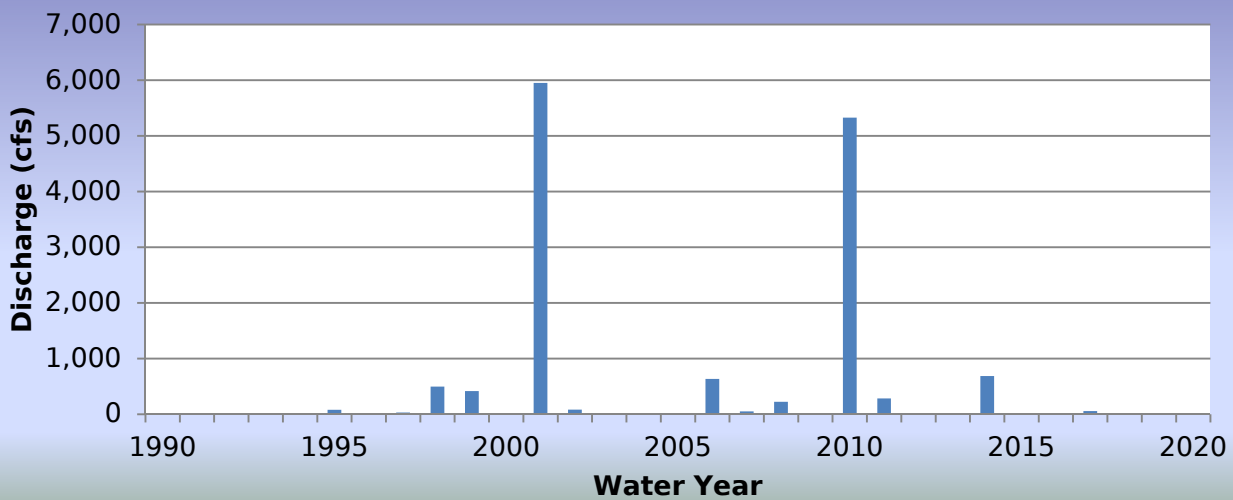
Site Data

LOCATION	On Grand Avenue west of 113th Avenue
DRAINAGE AREA	1,628 mi ²
STREAM TYPE	Channelized Natural Stream
JURISDICTION	El Mirage, Arizona
WATERSHED	White Tanks A / Lower Agua Fria
SECTION/TOWNSHIP/RANGE	S18 T3N R1E
LATITUDE	N 33° 36' 26.6" +33.60739
LONGITUDE	W 112° 18' 20.6" -112.30571
STREAMGAGE INSTALLATION DATE	04/27/1994 - WY 1994
AVAILABLE PERIOD OF RECORD (POR)	04/27/1994 - Current
LENGTH OF AVAILABLE POR DATA	23.43 Years 8,558 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	2.50 feet Gage Height
STAFF GAGES	3
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	0.00 feet Gage Height
POINT OF ZERO FLOW	1.6 feet Gage Height
EXTREME FOR PERIOD OF RECORD	5,952 cfs 6.50 feet 10/27/2000

Watershed Map



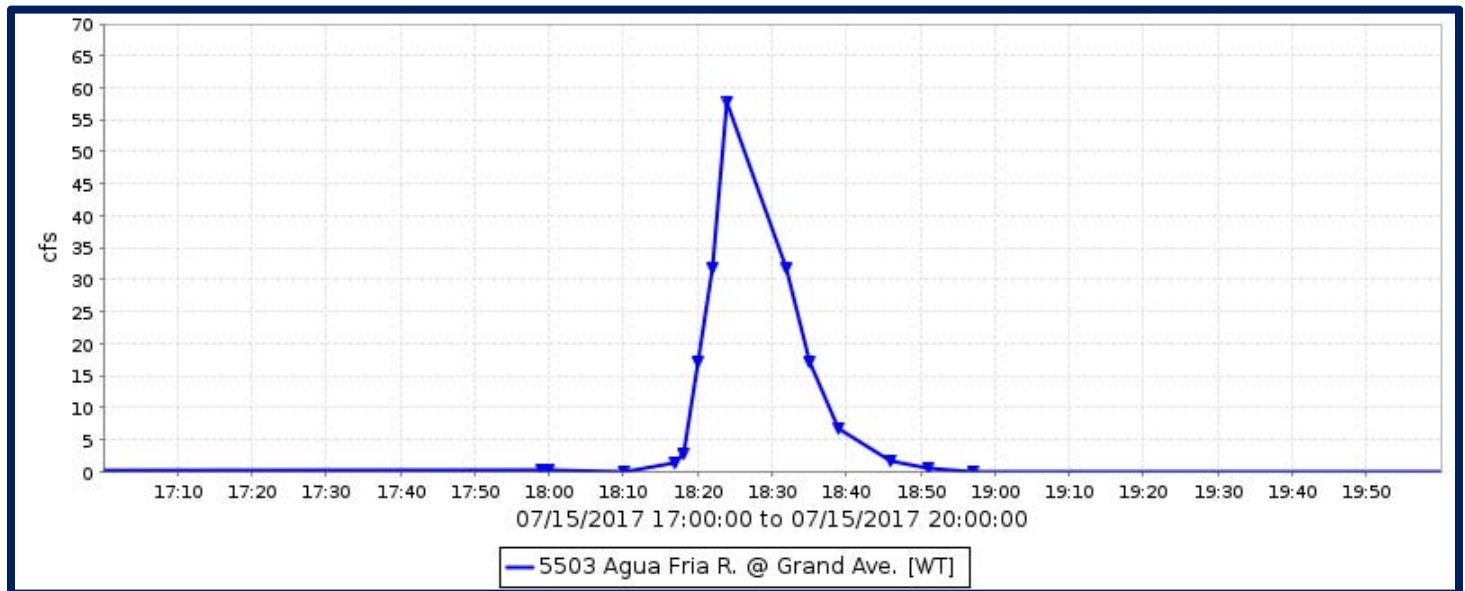
Agua Fria River at Grand Ave - water year peaks



WY2017 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
12/22/2016	3.12	32
07/15/2017	3.22	58
08/13/2017	3.17	43

Hydrograph of peak WY 2017 flow event, 07/15/2017



Flood Flow Frequency

There is not enough data to compute a flood flow frequency for this gage station.

Agua Fria River at Grand Avenue, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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											3	
14												
15										1		
16												
17												
18												
19												
20												
21												
22			1									
23												
24												
25												
26												
27												
28												
29							---					
30							---					
31		---					---		---			---
TOTAL	0	0	1	0	0	0	0	0	0	1	3	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	2	0	32	1	3	0	0	0	0	58	43	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	1	1	2	1	1	1	1	1	1	2	6	1
WTR YR 2017	TOTAL		9	MEAN	0	MAX	58	MIN	0	AC_FT		18

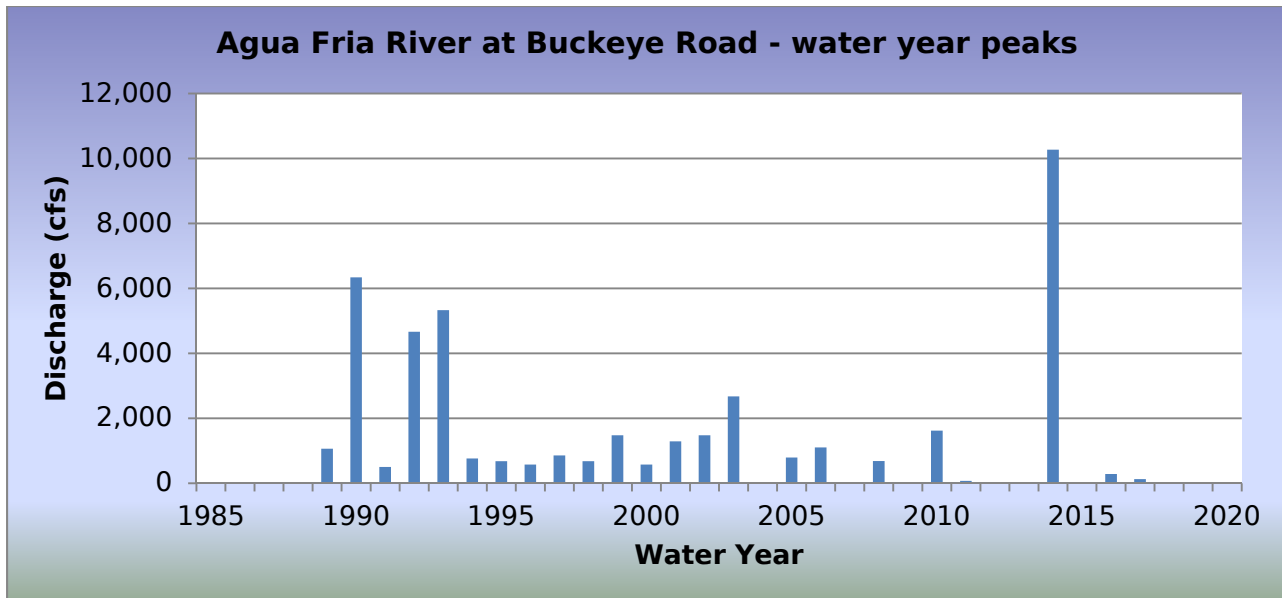
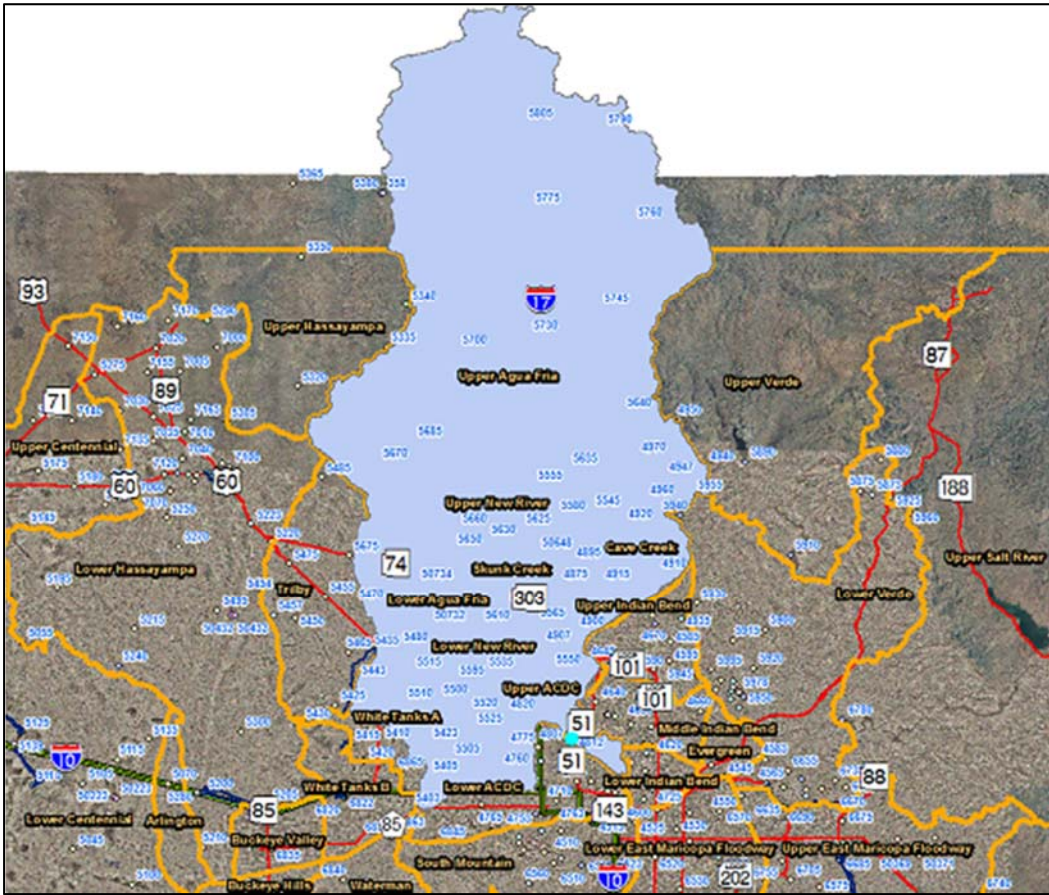
Agua Fria River at Buckeye Road, ID #5403



Site Data

LOCATION	On Buckeye Road east of Dysart Road
DRAINAGE AREA	2,241 mi ²
STREAM TYPE	Channelized Natural Stream
JURISDICTION	Avondale, Arizona
WATERSHED	White Tanks A / Lower ACDC
SECTION/TOWNSHIP/RANGE	S14 T1N R1W
LATITUDE	N 33° 26' 06.3" +33.43501
LONGITUDE	W 112° 19' 55.8" -112.33254
STREAMGAGE INSTALLATION DATE	10/12/1988 - WY 1989
AVAILABLE PERIOD OF RECORD (POR)	10/12/1988 - Current
LENGTH OF AVAILABLE POR DATA	28.97 Years 10,581 Days
DATA GAPS IN POR	09/06/2003 - 07/13/2004
STAGE GAGE ELEVATION	0.26 feet Gage Height
STAFF GAGES	1
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	954.72 feet NAVD 1988
POINT OF ZERO FLOW	0.1 feet Gage Height
EXTREME FOR PERIOD OF RECORD	10,274 cfs 3.74 feet 09/08/2014
EXTREME OUTSIDE PERIOD OF RECORD	44,200 cfs 02/20/1980

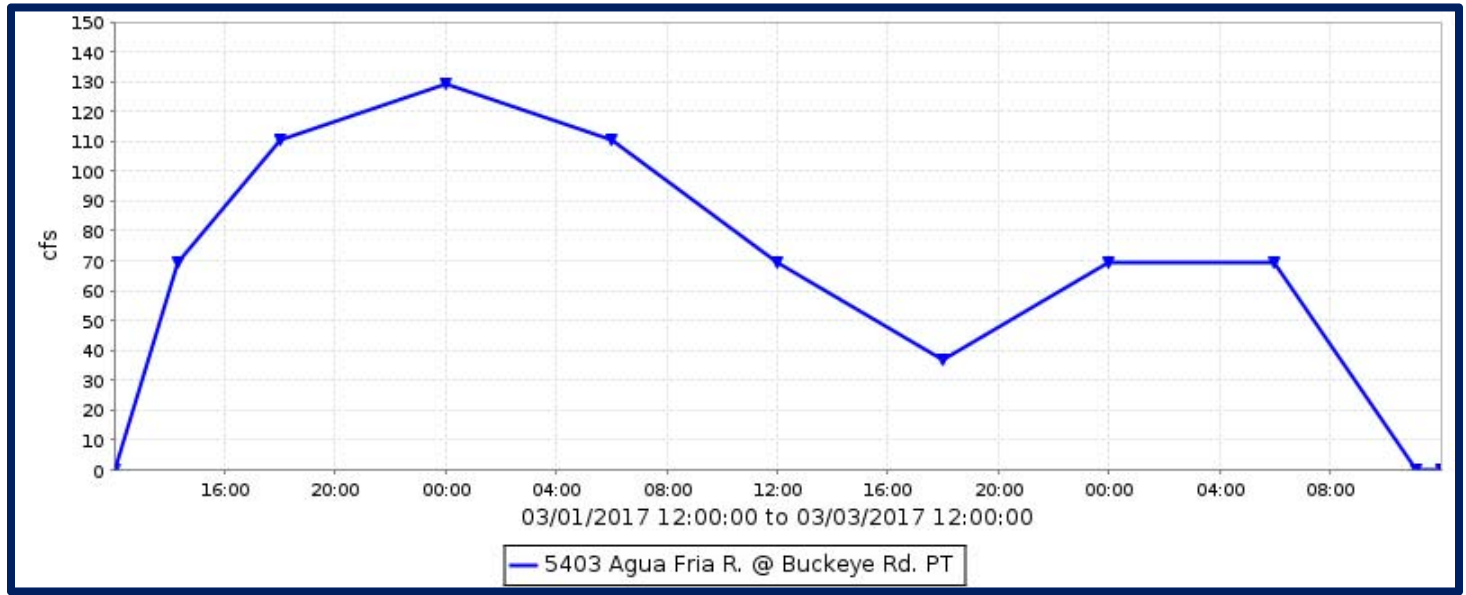
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
03/02/2017	0.50	129

Hydrograph of peak WY 2017 flow event, 03/02/2017



Flood Flow Frequency

Flood Flow Frequency FEMA, 1995					
2-year	5-year	10-year	50-year	100-year	500-year
		22,000	69,000	95,000	184,000

Agua Fria River at MC85, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1						38	---					
2						86	---					
3						32	---					
4							---					
5							---					
6							---					
7							---					
8							---					
9							---					
10							---					
11												
12												
13										1		
14										1		
15												
16										1		
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29						---	---					
30						---	---					
31		---				---	---	---		---		---
TOTAL	0	0	0	0	0	157	0	0	2	0	0	0
MEAN	0	0	0	0	0	5	0	0	0	0	0	0
MAX	0	0	0	0	0	129	0	0	3	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	311	0	0	4	0	0	0
WTR YR 2017	TOTAL	159	MEAN	0	MAX	129	MIN	0	AC_FT	315		

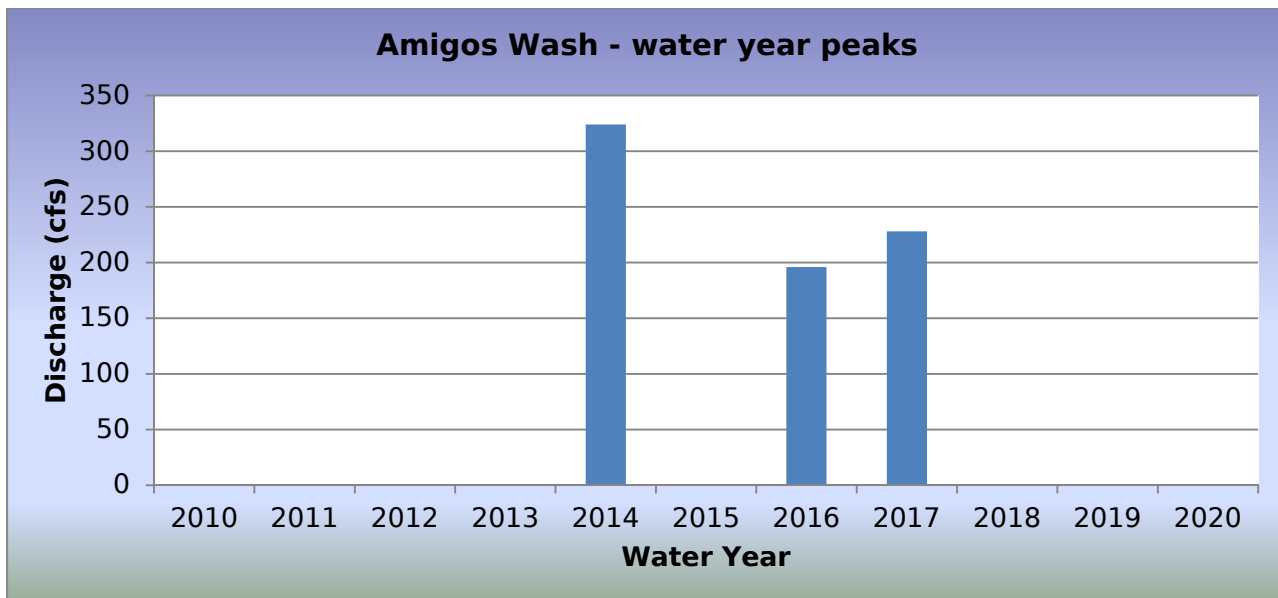
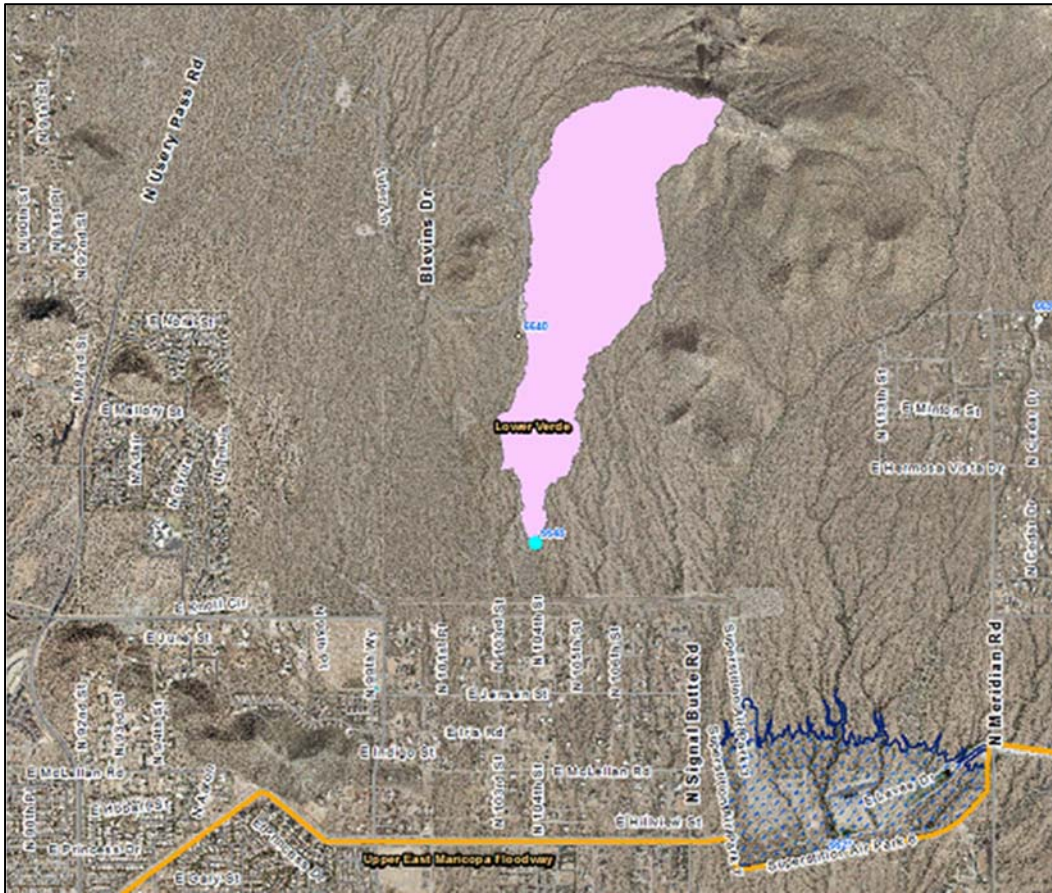
Amigos Wash, ID #6648



Site Data

LOCATION	Located in Usery Mountain Park, northeast of the intersection of McKellips and Crismon Roads
DRAINAGE AREA	0.47 mi ²
STREAM TYPE	Natural Stream
JURISDICTION	Maricopa County, Arizona
WATERSHED	Lower Verde
SECTION/TOWNSHIP/RANGE	S01 T1N R7E
LATITUDE	N 33° 27' 16.8" +33.45467
LONGITUDE	W 111° 36' 24.4" -111.60677
STREAMGAGE INSTALLATION DATE	01/09/2013 - WY 2013
AVAILABLE PERIOD OF RECORD (POR)	01/09/2013 - Current
LENGTH OF AVAILABLE POR DATA	4.73 Years 1,726 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.75 feet Gage Height
STAFF GAGES	None
ZERO GAGE HEIGHT ELEVATION	1,784.00 feet NAVD 1988
POINT OF ZERO FLOW	0.1 feet Gage Height
EXTREME FOR PERIOD OF RECORD	324 cfs 1.54 feet 09/27/2014

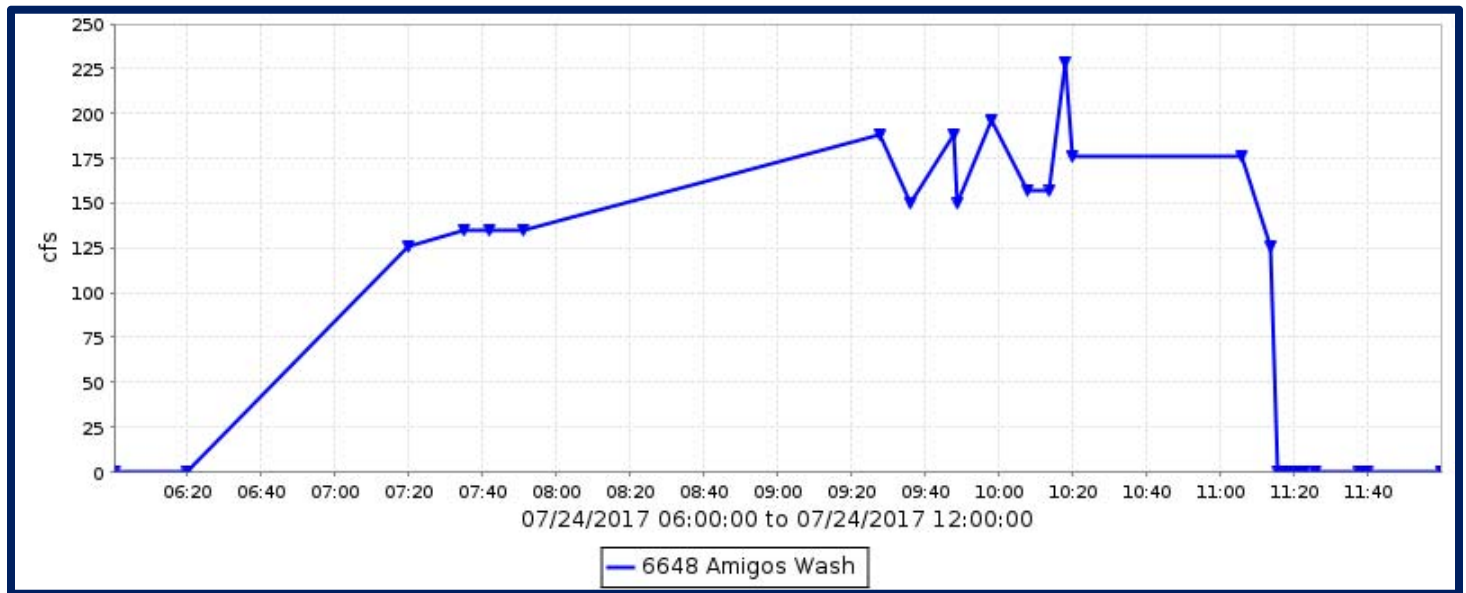
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
07/24/2017	1.35	228

Hydrograph of peak WY 2017 flow event, 07/24/2017



Flood Flow Frequency

There is not enough data to compute a flood flow frequency for this gage station.

Amigos Wash, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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		
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	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	0	0	0	0	0	0	0	0	0	228	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	49	0	0
WTR YR 2017	TOTAL		25	MEAN	0	MAX	228	MIN	0	AC_FT		49

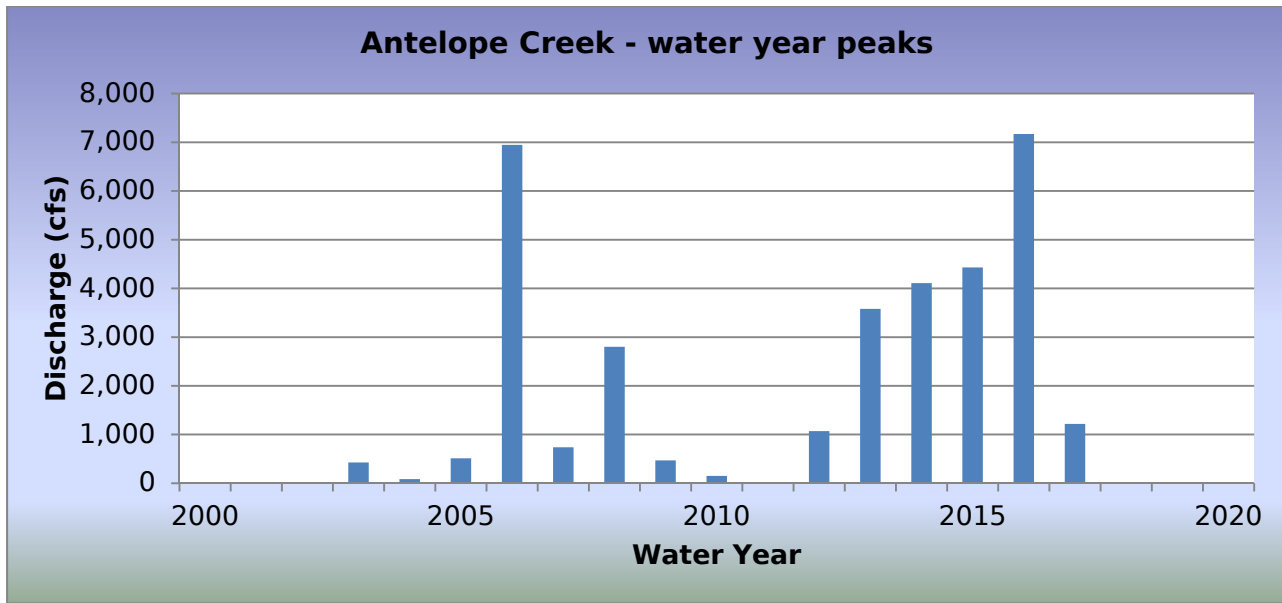
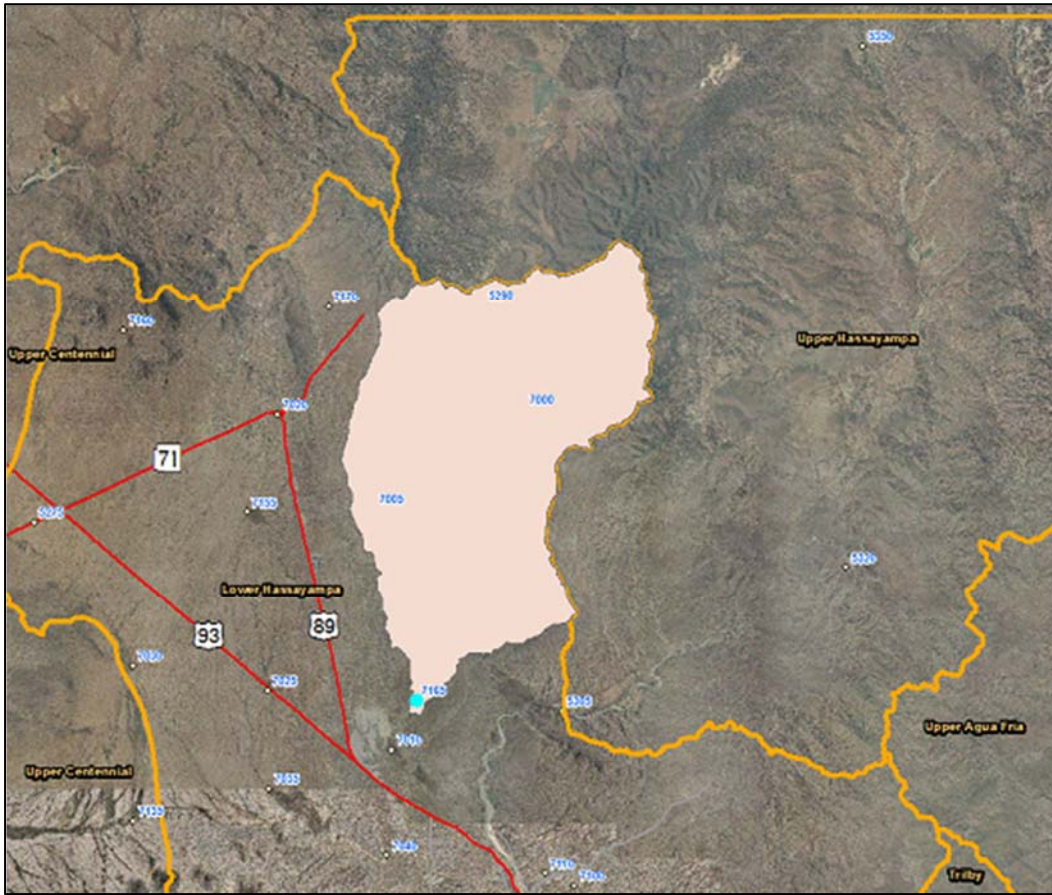
Antelope Creek, ID #7168



Site Data

LOCATION	Located about 1.5 miles upstream from Martinez Creek (7013)
DRAINAGE AREA	62 mi ²
STREAM TYPE	Natural Stream
JURISDICTION	Yavapai County, Arizona
WATERSHED	Lower Hassayampa
SECTION/TOWNSHIP/RANGE	S09 T8N R5W
LATITUDE	N 34° 02' 55.6" +34.04877
LONGITUDE	W 112° 46' 45.7" -112.77937
STREAMGAGE INSTALLATION DATE	07/09/2003 - WY 2003
AVAILABLE PERIOD OF RECORD (POR)	07/09/2003 - Current
LENGTH OF AVAILABLE POR DATA	14.23 Years 5,198 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	1.77 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	2,406.00 feet NAVD 1988
POINT OF ZERO FLOW	1.4 feet Gage Height
EXTREME FOR PERIOD OF RECORD	7,169 cfs 5.42 feet 10/20/2015

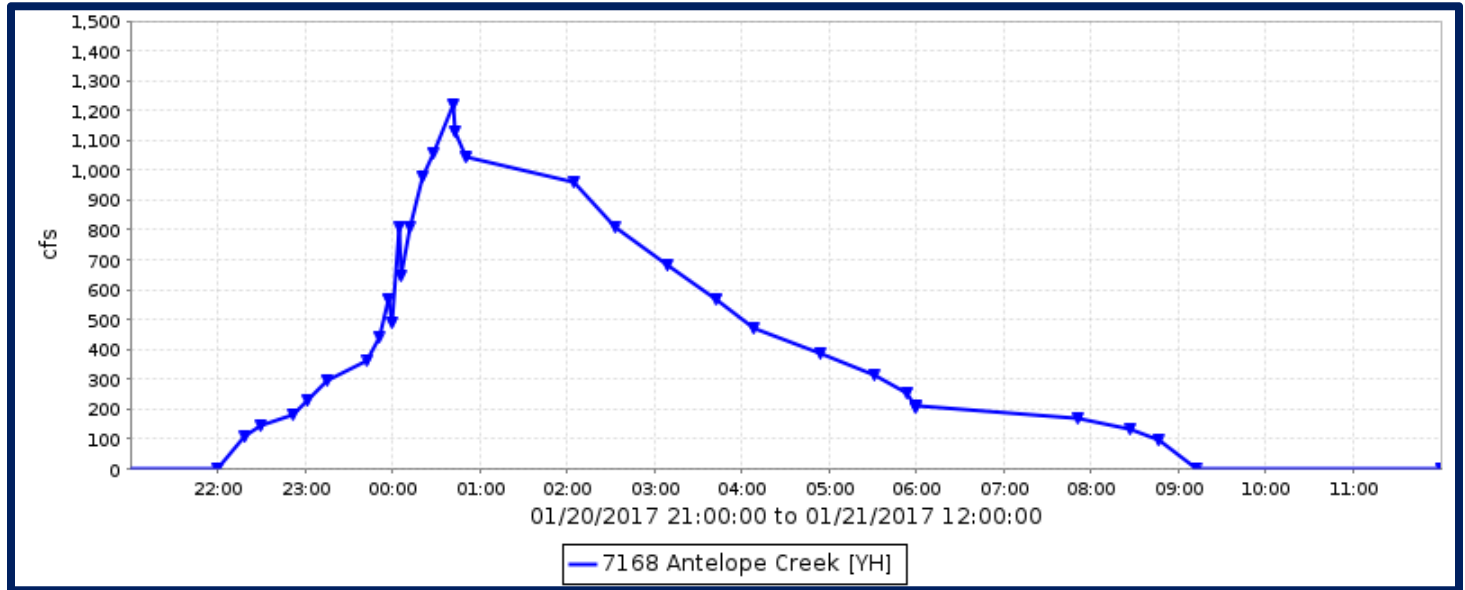
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
01/21/2017	3.30	1,217
02/28/2017	3.00	960
07/18/2017	2.07	150
08/01/2017	1.92	94

Hydrograph of peak WY 2017 flow event, 01/21/2017



Flood Flow Frequency

Flood Flow Frequency N=15, HEC-WRC computation (based on 15 years of data)					
2-year	5-year	10-year	20-year	50-year	100-year
1,110	3,640	6,530	10,400	17,300	23,900

NOTE: These results are based on very limited data.

Antelope Creek, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1											2	
2				---								
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18										1		
19												
20				17								
21				205								
22												
23												
24												
25												
26												
27												
28					488							
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	222	488	0	0	0	0	1	2	0
MEAN	0	0	0	8	17	0	0	0	0	0	0	0
MAX	0	0	0	1217	960	0	0	0	0	150	94	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	441	968	0	0	0	0	2	4	0
WTR YR 2017	TOTAL		714	MEAN		2	MAX	1217	MIN	0	AC_FT	1415

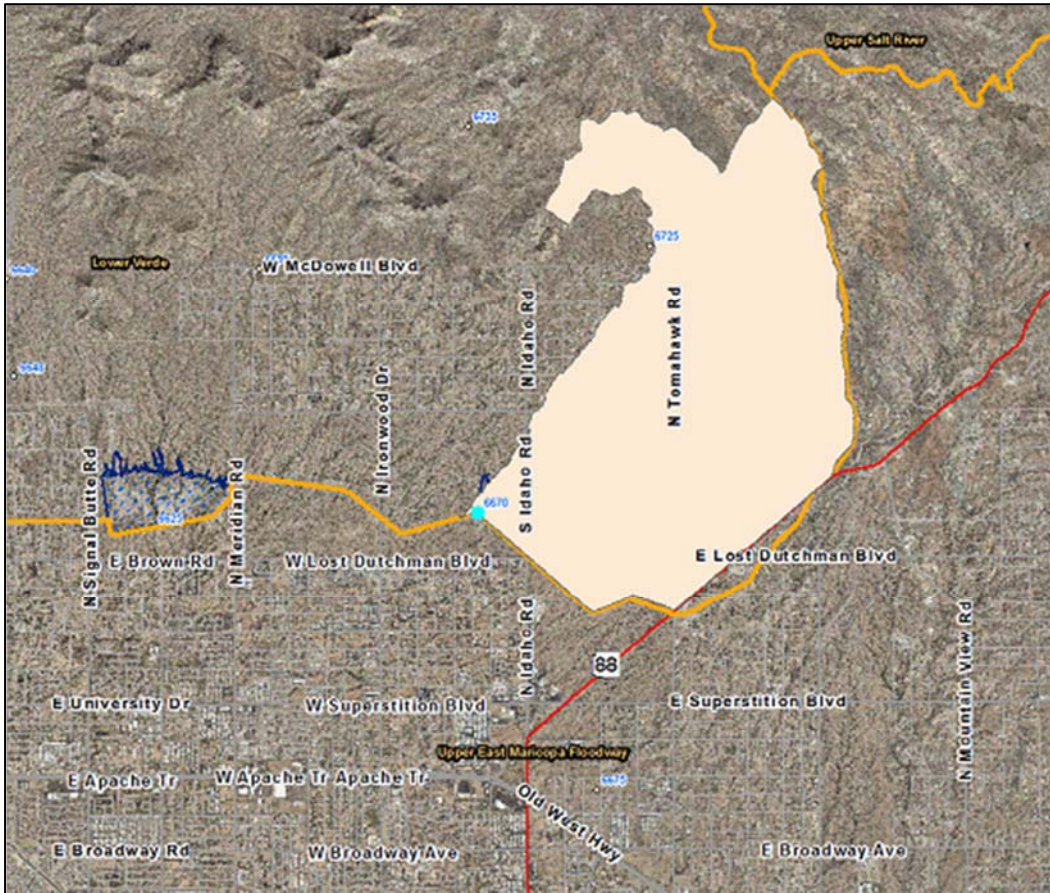
Apache Junction FRS, ID #6673



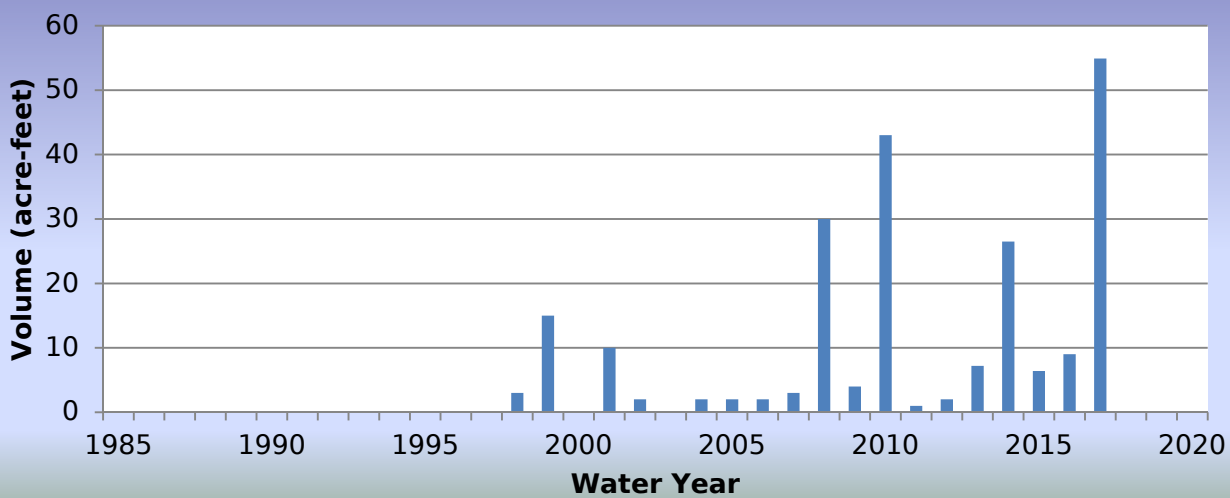
Site Data

LOCATION	Located near Idaho Road and Lost Dutchman Boulevard
DRAINAGE AREA	5.8 mi ²
STREAM TYPE	Dam of natural drainage
JURISDICTION	Apache Junction, Arizona
WATERSHED	Lower Verde
SECTION/TOWNSHIP/RANGE	S08 T1N R8E
LATITUDE	N 33° 26' 29.2" +33.44143
LONGITUDE	W 111° 33' 06.4" -111.55178
STREAMGAGE INSTALLATION DATE	09/15/1988 - WY 1988
AVAILABLE PERIOD OF RECORD (POR)	09/15/1988 - Current
LENGTH OF AVAILABLE POR DATA	29.04 Years 10,608 Days
DATA GAPS IN POR	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.13 feet Gage Height
STAFF GAGES	5
ZERO GAGE HEIGHT ELEVATION	1,785.79 feet NAVD 1988
POINT OF ZERO FLOW	0.0 feet Gage Height
SPILLWAY ELEVATION	16.00 feet Gage Height
TOP OF DAM ELEVATION	27.00 feet Gage Height

Watershed Map



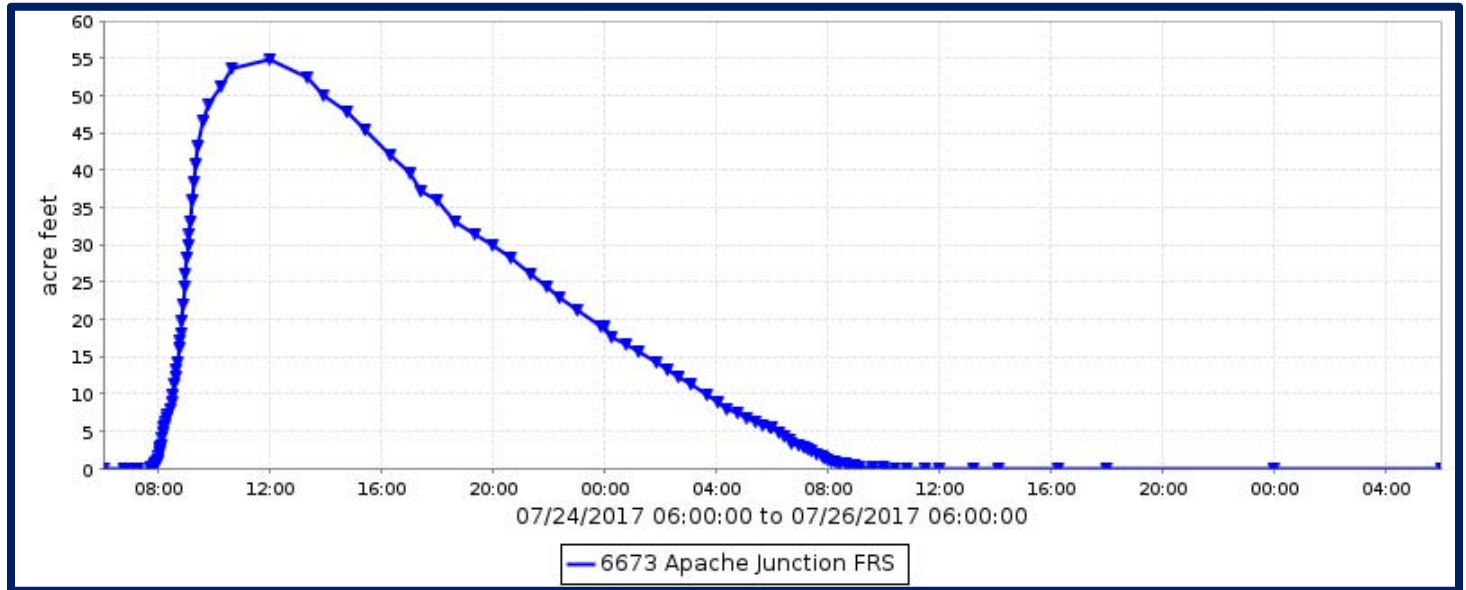
Apache Junction FRS - water year peaks



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
07/11/2017	0.66	0.0	0.0
07/21/2017	2.96	3.3	0.5
07/24/2017	6.87	54.9	8.1
09/08/2017	2.54	2.3	0.3

Hydrograph of peak WY 2017 impoundment event, 07/24/2017



Apache Junction FRS, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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										7		
25										1		
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	0	0	0	0	0	0	8	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	15	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	16	0	0
WTR YR 2017	TOTAL		8	MEAN	0	MAX	15	MIN	0	AC_FT		16

Apache Junction FRS, volume data

Volume, in acre-feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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		
25										3		
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	55	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2017	MEAN		0	MAX	55	MIN	0					

Apache Junction FRS, stage data

Depth, in feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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	0.2	0.1	0.1
12	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	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	0.2	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	0.6	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	0.1	0.1	0.1
24	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	4.1	0.1	0.1
25	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1.7	0.1	0.1
26	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	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	0.3	0.1	0.1
MAX	0.1	0.1	0.1	0.7	0.1	0.1	0.1	0.1	0.1	6.9	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 2017	MEAN	0.15	MAX	6.87	MIN	0.13						

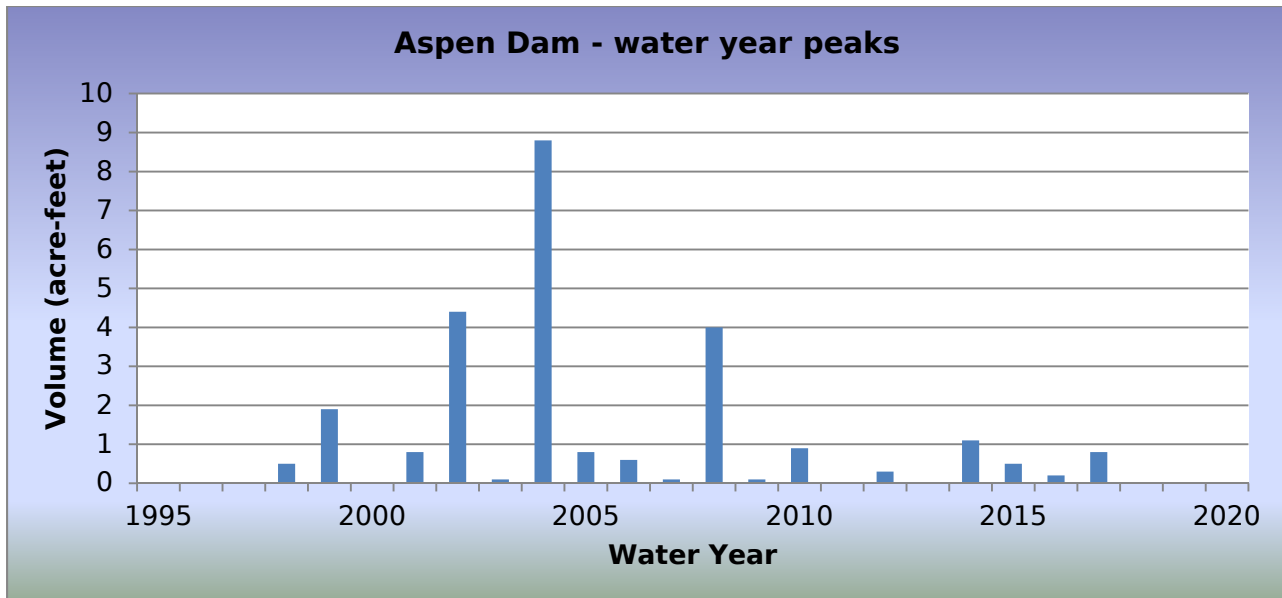
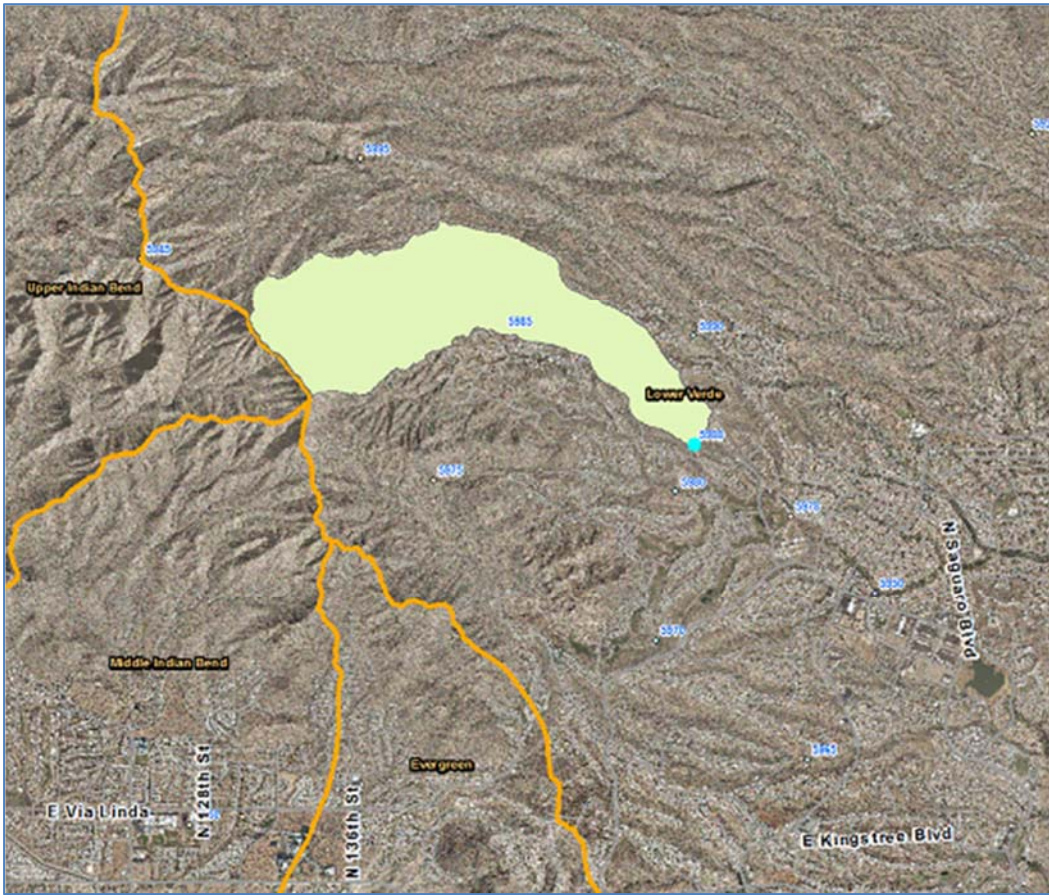
Aspen Dam, ID #5988



Site Data

LOCATION	Near Aspen Drive and Golden Eagle Boulevard
DRAINAGE AREA	2.02 mi ²
STREAM TYPE	Dam of natural drainage
JURISDICTION	Fountain Hills, Arizona
WATERSHED	Lower Verde
SECTION/TOWNSHIP/RANGE	S16 T3N R6E
LATITUDE	N 33° 37' 33.1" +33.62587
LONGITUDE	W 111° 44' 47.3" -111.74646
STREAMGAGE INSTALLATION DATE	01/02/1997 - WY 1997
AVAILABLE PERIOD OF RECORD (POR)	01/02/1997 - Current
LENGTH OF AVAILABLE POR DATA	20.74 Years 7,577 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.24 feet Gage Height
STAFF GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,808.61 feet M.S.L.
POINT OF ZERO FLOW	0.00 feet Gage Height
SPILLWAY CREST ELEVATION	26.8 feet Gage Height
TOP OF DAM ELEVATION	34.6 feet Gage Height

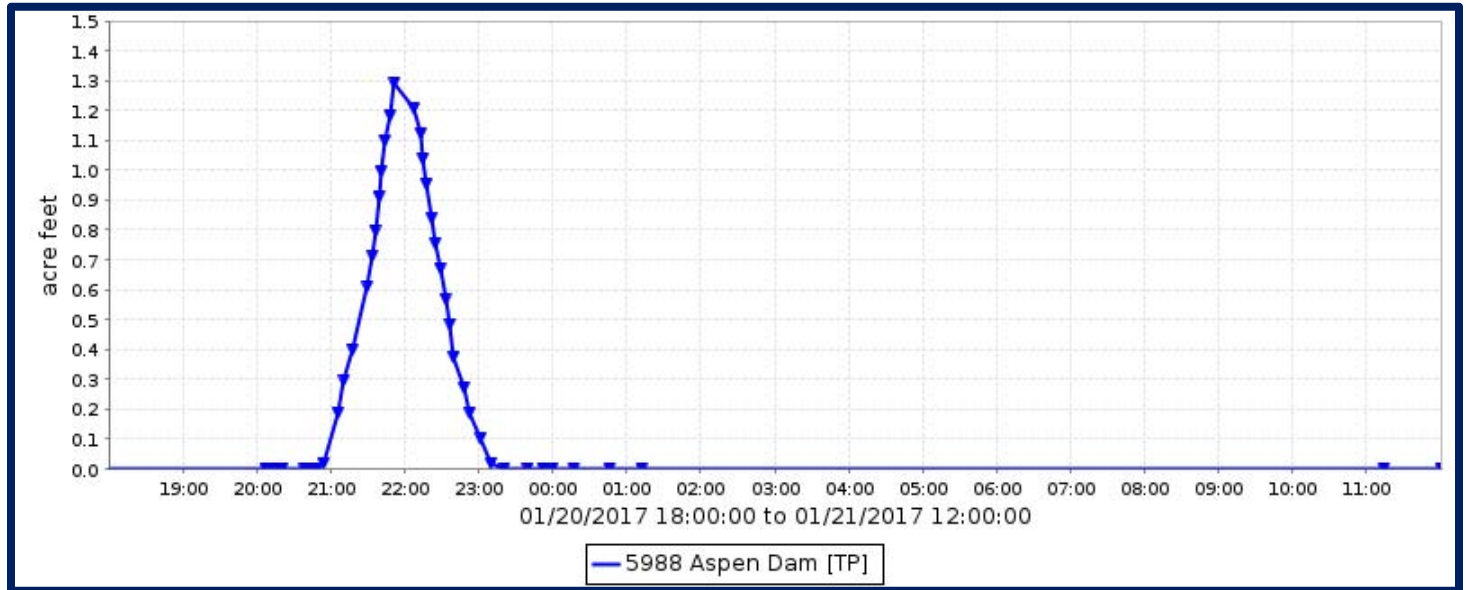
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
12/22/2016	1.88	0.4	0.5
12/24/2016	1.11	0.0	0.0
01/20/2017	2.91	1.3	0.8
08/14/2017	0.74	0.0	0.0

Hydrograph of peak WY 2017 impoundment event, 01/20/2017



Aspen Dam, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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												
15												
16												
17												
18												
19												
20				4								
21				3								
22			1									
23												
24			2									
25			1									
26												
27												
28												
29												
30												
31												
TOTAL	0	0	5	7	0	0	0	0	0	0	1	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	29	48	0	0	0	0	0	0	9	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	11	14	0	0	0	0	0	0	1	0
WTR YR 2017	TOTAL		13	MEAN	0	MAX	48	MIN	0	AC_FT		26

Aspen Dam, volume data

Volume, in acre-feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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	0	0	0	1	0	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2017	MEAN		0	MAX	1	MIN	0					

Aspen Dam, stage data

Depth, in feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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	0.3	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	0.3	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	0.3	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	0.5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
21	0.2	0.2	0.2	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
22	0.2	0.2	0.3	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	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
25	0.2	0.2	0.3	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	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
MAX	0.2	0.2	1.9	2.9	0.2	0.2	0.2	0.2	0.2	0.2	0.8	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 2017	MEAN	0.24	MAX	2.91	MIN	0.24						

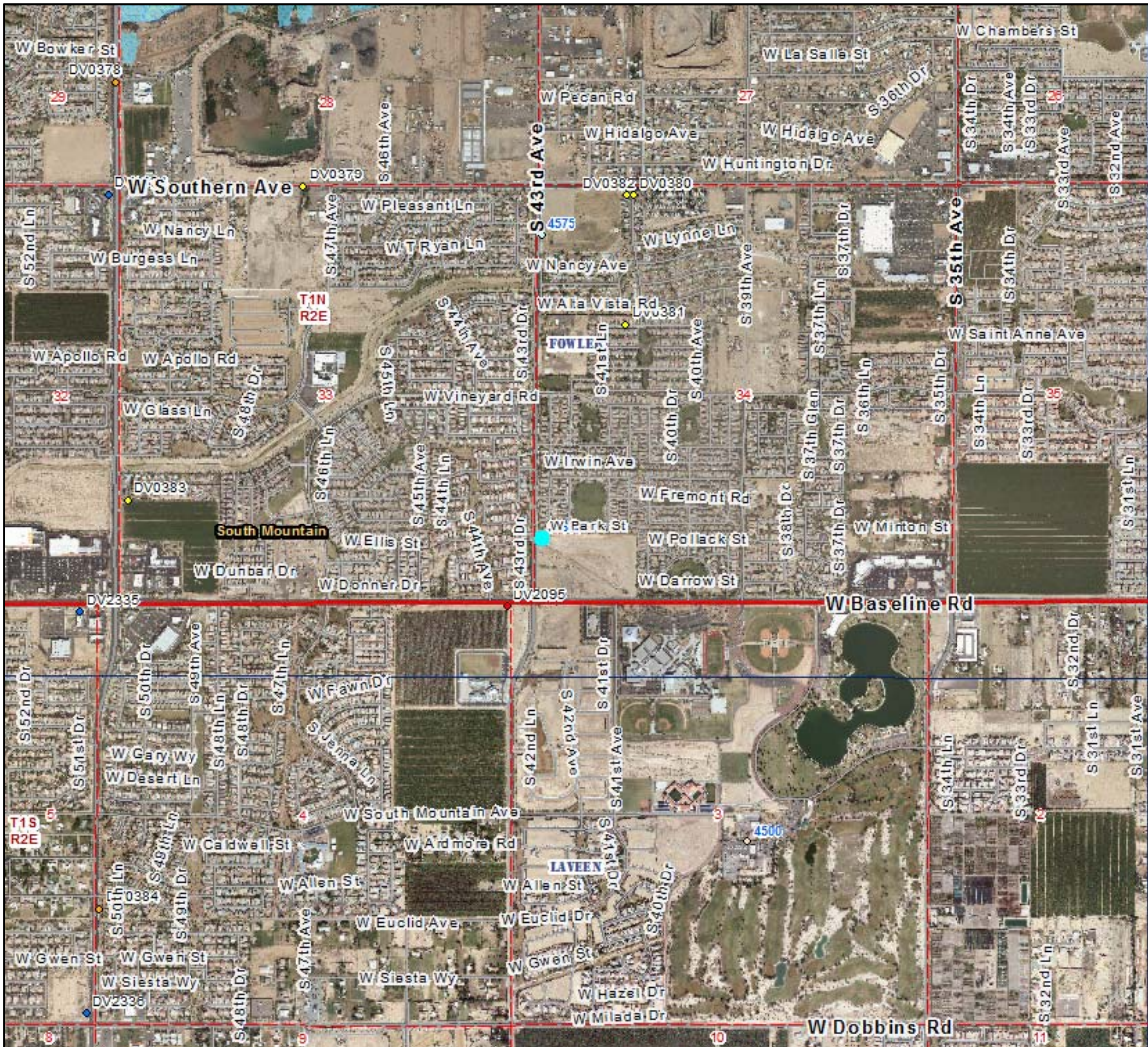
Baseline Road at 43rd Avenue Basin, ID #66407



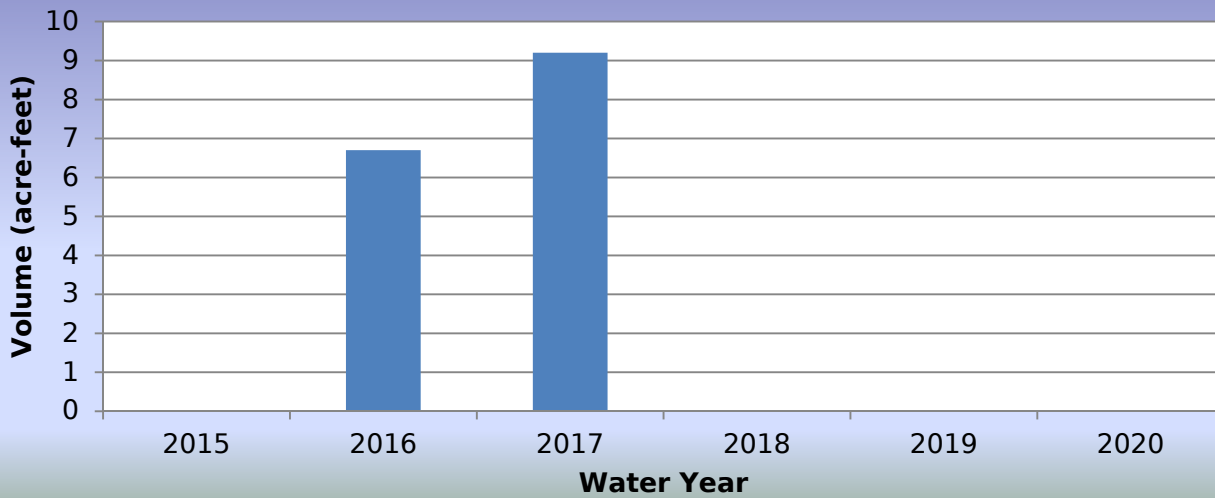
Site Data

LOCATION	Located on the basin at the northeast corner of Baseline Rd and 43rd Avenue
DRAINAGE AREA	Undetermined
STREAM TYPE	Flood control basin
JURISDICTION	Phoenix, Arizona
WATERSHED	South Mountain
SECTION/TOWNSHIP/RANGE	S34 T1N R2E
LATITUDE	N 33° 22' 47.2" +33.37978
LONGITUDE	W 112° 09' 02.5" -112.15070
STREAMGAGE INSTALLATION DATE	10/01/2015 - WY 2016
AVAILABLE PERIOD OF RECORD (POR)	10/01/2015 - Current
LENGTH OF AVAILABLE POR DATA	2.00 Years 731 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.20 feet Gage Height
STAFF GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,023.670 feet NAVD88
POINT OF ZERO FLOW	0.00 feet Gage Height
SPILLWAY CREST ELEVATION	No spillway
TOP OF BASIN ELEVATION	10.5 feet Gage Height

Location Map



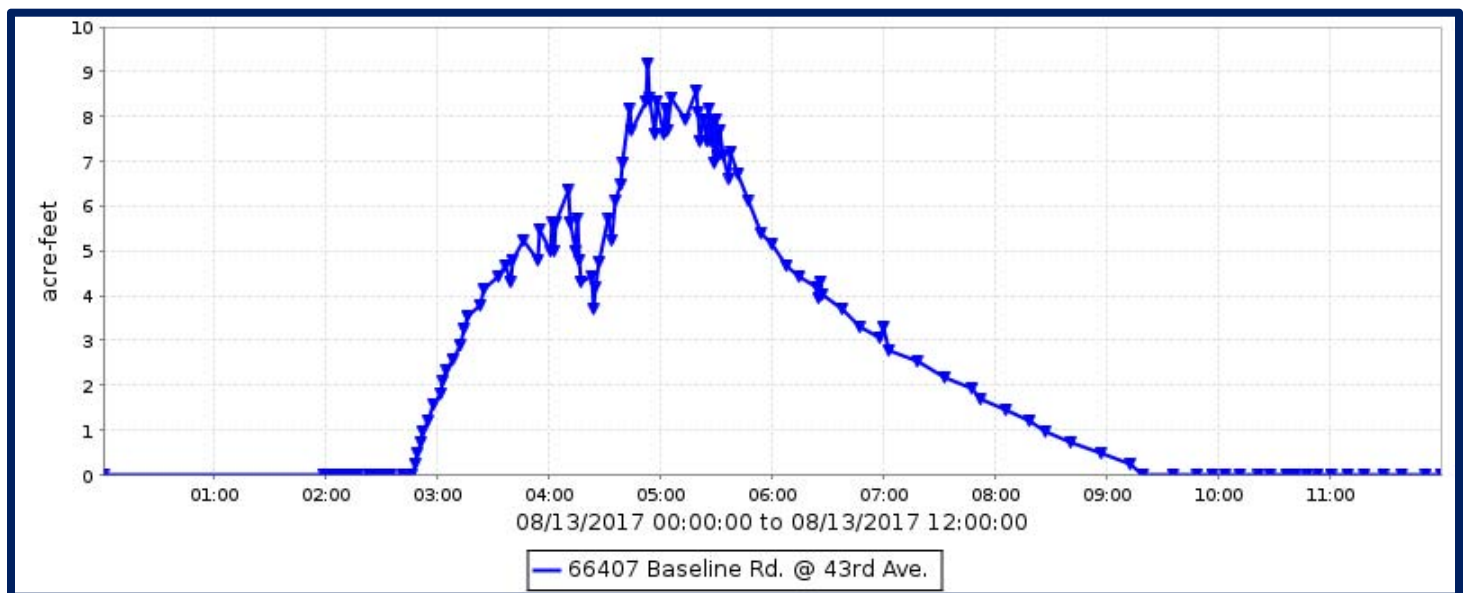
Baseline Road at 43rd Avenue Basin - water year peaks



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
11/03/2016	1.46	0.00	0.00
12/22/2016	2.10	0.12	0.00
12/24/2016	1.00	0.00	0.00
12/30/2016	1.00	0.00	0.00
01/01/2017	0.90	0.00	0.00
01/21/2017	1.80	0.00	0.00
02/18/2017	1.18	0.00	0.00
02/28/2017	0.65	0.00	0.00
07/23/2017	2.40	0.84	1.90
08/12/2017	0.95	0.00	0.00
08/13/2017	4.94	9.16	20.19

Hydrograph of peak WY 2017 impoundment event, 08/13/2017



Baseline Road at 43rd Avenue Basin, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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	---	---	---	---	---	---	---	---		---		---
TOTAL	---	---	---	---	---	---	---	0	0	0	0	---
MEAN	---	---	---	---	---	---	---	0	0	0	0	---
MAX	---	---	---	---	---	---	---	0	---	0	---	---
MIN	---	---	---	---	---	---	---	0	---	0	---	---
AC_FT	---	---	---	---	---	---	---	0	0	0	0	---
WTR YR 2017	TOTAL		0	MEAN	0	MAX	---	MIN	---	AC_FT		0

Baseline Road at 43rd Avenue Basin, volume data

Volume, in acre-feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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											1	
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	1	9	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2017	MEAN		0	MAX	9	MIN	0					

Baseline Road at 43rd Avenue Basin, stage data

Depth, in feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.2	0.2	0.2	0.3	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	0.3	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	0.3	0.2
13	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	1.2	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	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.2
19	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2
20	0.2	0.2	0.2	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
21	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
22	0.2	0.2	0.4	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	0.4	0.2	0.2
24	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.2	0.2
25	0.2	0.2	0.3	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	---	0.3	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	1.5	2.1	1.8	1.2	0.2	0.2	0.2	0.2	2.4	4.9	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 2017	MEAN	0.21	MAX	4.94	MIN	0.20						

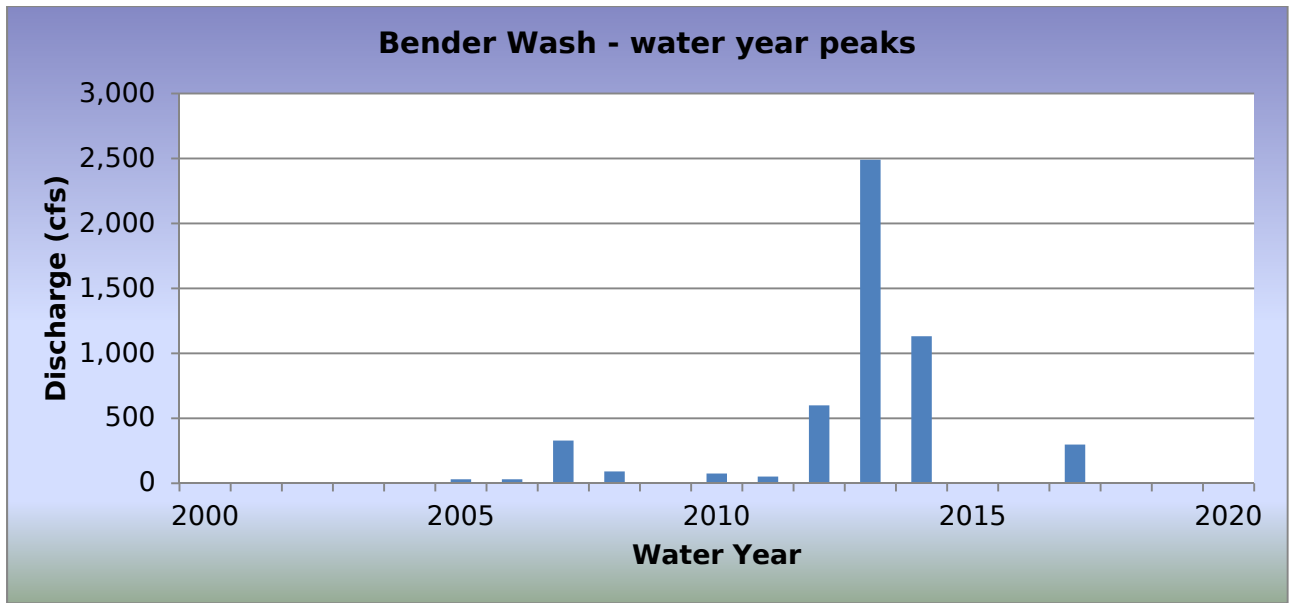
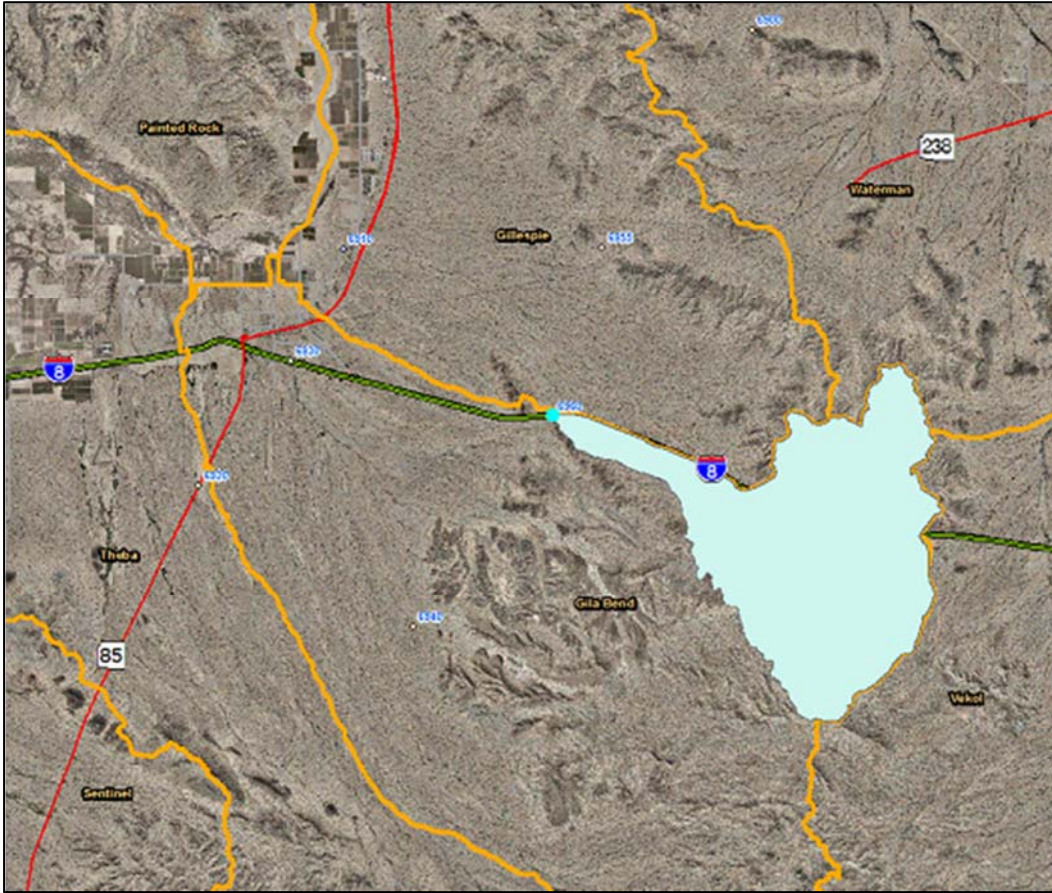
Bender Wash, ID #6963



Site Data

STATUS	Active
LOCATION	Located about 8 miles east of Gila Bend on I-8
DRAINAGE AREA	69.5 mi ²
STREAM TYPE	Natural Stream
JURISDICTION	Maricopa County, Arizona
WATERSHED	Lower Gila
SECTION/TOWNSHIP/RANGE	S15 T6S R3W
LATITUDE	N 32° 54' 22.9" +32.90637
LONGITUDE	W 112° 33' 11.1" -112.55309
STREAMGAGE INSTALLATION DATE	05/12/2004 - WY 2004
AVAILABLE PERIOD OF RECORD (POR)	05/12/2004 - Current
LENGTH OF AVAILABLE POR DATA	13.39 Years 4,890 Days
DATA GAPS IN POR	10/06/2015 – 05/22/2017
STAGE GAGE ELEVATION	1.20 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,200.00 feet NAVD88
POINT OF ZERO FLOW	0.5 feet Gage Height
EXTREME FOR PERIOD OF RECORD	1,132 cfs 5.20 feet 08/13/2014
EXTREME OUTSIDE PERIOD OF RECORD	8,250 cfs 10.78 feet 09/07/2002

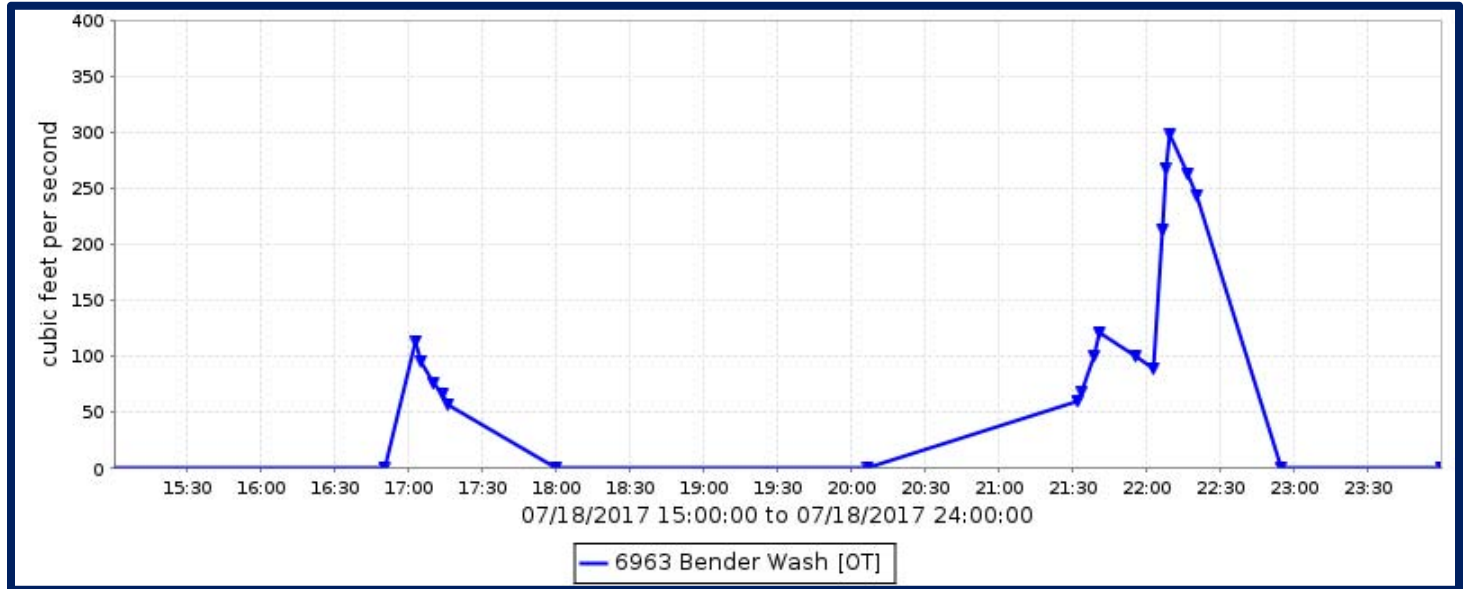
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
07/18/2017	1.79	113
07/18/2017	2.62	298

Hydrograph of peak WY 2017 flow event, 07/18/2017



Flood Flow Frequency

Flood Flow Frequency HEC-WRC computation (based on data from 1963 - 1979, 1983, 1991 - 1996)					
2-year	5-year	10-year	20-year	50-year	100-year
867	1,580	2,160	2,990	3,690	4,450

NOTE: These results are based on limited data.

Bender Wash, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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	---	---	---	---	---	---	---	---		13		
19	---	---	---	---	---	---	---	---				
20	---	---	---	---	---	---	---	---				
21	---	---	---	---	---	---	---	---				
22	---	---	---	---	---	---	---	---				
23	---	---	---	---	---	---	---	---				
24	---	---	---	---	---	---	---	---				
25	---	---	---	---	---	---	---	---				
26	---	---	---	---	---	---	---	---				
27	---	---	---	---	---	---	---	---				
28	---	---	---	---	---	---	---	---				
29	---	---	---	---	---	---	---	---				
30	---	---	---	---	---	---	---	---				
31	---	---	---	---	---	---	---	---	---			---
TOTAL	---	---	---	---	---	---	---	0	0	13	0	0
MEAN	---	---	---	---	---	---	---	0	0	0	0	0
MAX	---	---	---	---	---	---	---	0	0	298	0	0
MIN	---	---	---	---	---	---	---	0	0	0	0	0
AC_FT	---	---	---	---	---	---	---	0	0	27	0	0
WTR YR 2017	TOTAL	2698	MEAN	78	MAX	298	MIN	0	AC_FT	5352		

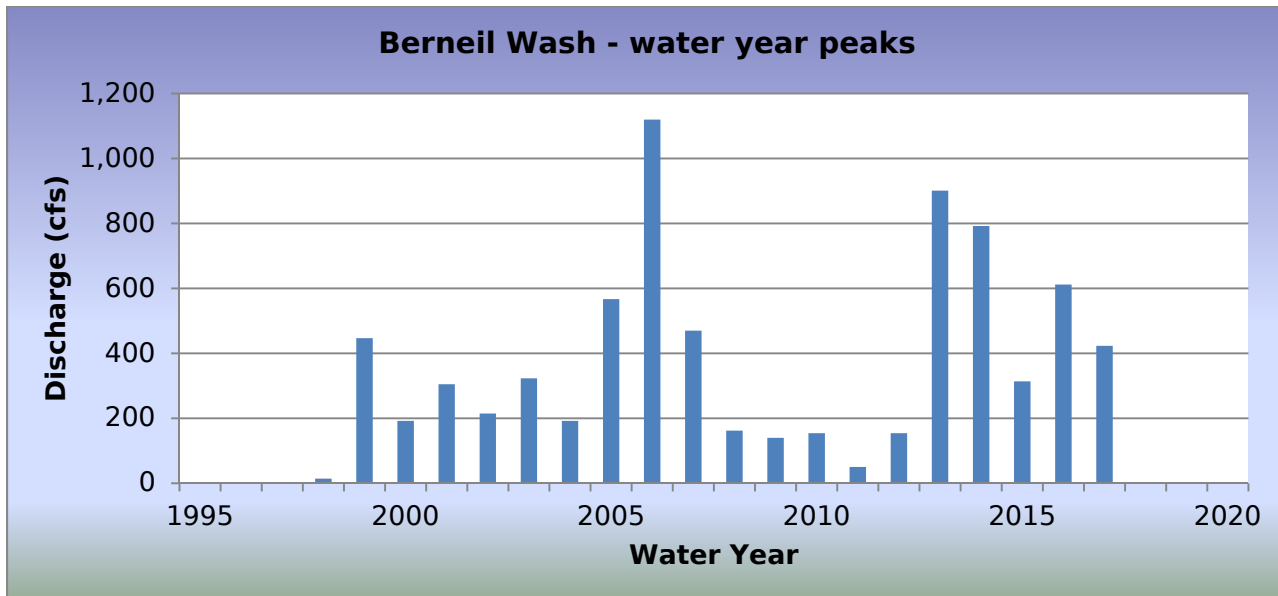
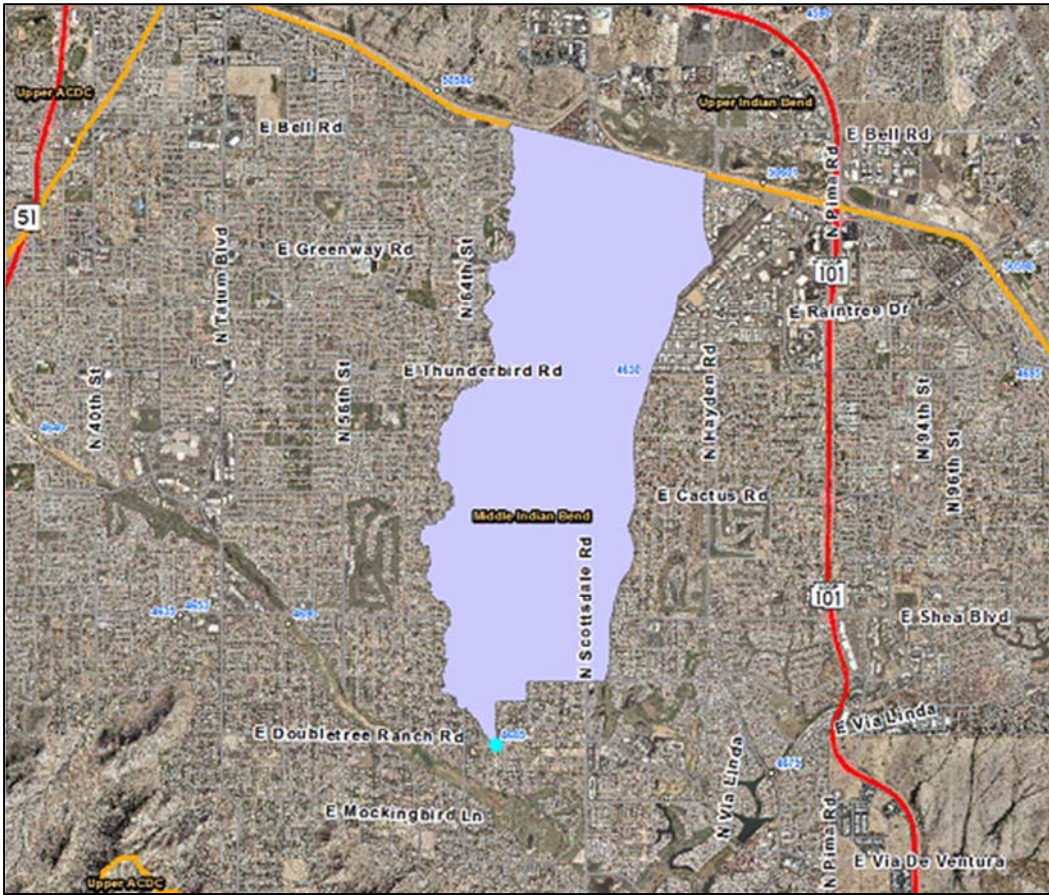
Berneil Wash, ID #4688



Site Data

LOCATION	Near 66th Street and Doubletree Road
DRAINAGE AREA	8.3 mi ²
STREAM TYPE	Engineered Channel
JURISDICTION	Paradise Valley, Arizona
WATERSHED	Lower Indian Bend
SECTION/TOWNSHIP/RANGE	S34 T3N R4E
LATITUDE	N 33° 33' 58.5" +33.56626
LONGITUDE	W 111° 56' 19.6" -111.93878
STREAMGAGE INSTALLATION DATE	07/30/1998 - WY 1998
AVAILABLE PERIOD OF RECORD (POR)	07/30/1998 - Current
LENGTH OF AVAILABLE POR DATA	19.17 Years 7,003 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.00 feet Gage Height
ZERO GAGE HEIGHT ELEVATION	1,314.64 feet NAVD 1988
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	1,120 cfs 2.88 feet 08/24/2006

Watershed Map



Berneil Wash, WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
11/27/2016	0.30	27
12/22/2016	0.95	169
12/24/2016	0.40	42
01/01/2017	0.23	18
01/20/2017	0.70	100
02/19/2017	0.25	20
02/27/2017	0.33	31
02/28/2017	0.75	113
07/16/2017	1.67	423
08/24/2017	0.25	20

Hydrograph of peak WY 2017 flow event, 07/16/2017



Flood Flow Frequency

Flood Flow Frequency N=20, HEC-WRC computation (based on 20 years of data)					
2-year	5-year	10-year	20-year	50-year	100-year
307	576	786	1,010	1,320	1,560

Berneil Wash, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				2								
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16										18		
17										13		
18												1
19												4
20					10							1
21					1							
22												10
23												
24												3
25												
26												
27												2
28												6
29												---
30												---
31												---
TOTAL	0	2	14	13	13	0	0	0	0	31	2	0
MEAN	0	0	0	0	0	0	0	0	0	1	0	0
MAX	0	27	169	100	113	0	0	0	0	423	20	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	3	27	26	26	0	0	0	0	62	3	0
WTR YR 2017	TOTAL		75	MEAN		0	MAX	423	MIN	0	AC_FT	148

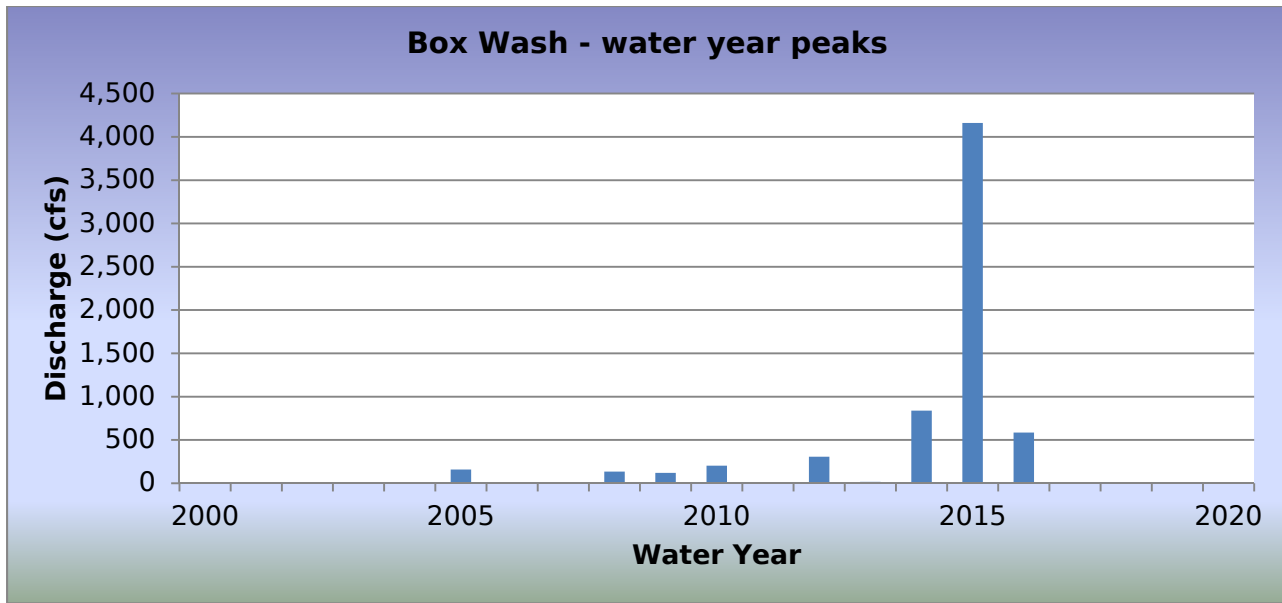
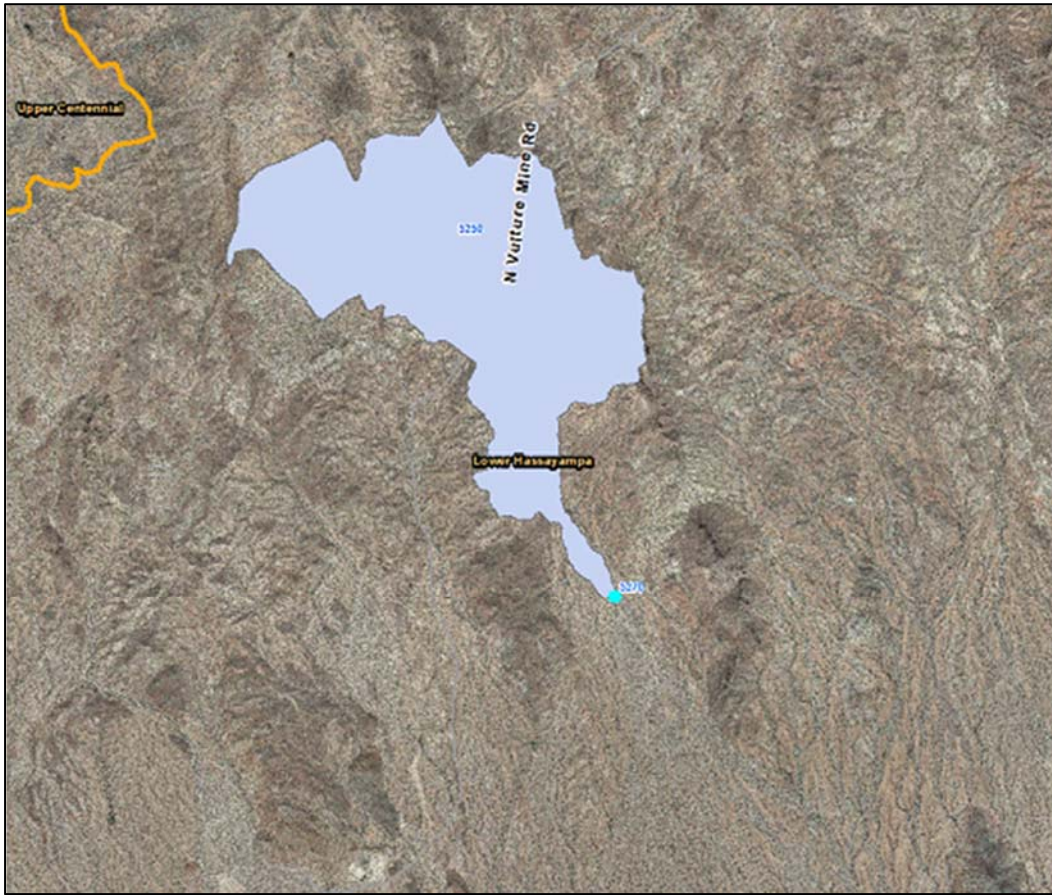
Box Wash, ID #5273



Site Data

LOCATION	Located about 3 miles northwest of Vulture Mine
DRAINAGE AREA	5.9 mi ²
STREAM TYPE	Natural Stream
JURISDICTION	Maricopa County, Arizona
WATERSHED	Lower Hassayampa
SECTION/TOWNSHIP/RANGE	S20 T6N R5W
LATITUDE	N 33° 50' 57.4" +33.84927
LONGITUDE	W 112° 47' 56.8" -112.79911
STREAMGAGE INSTALLATION DATE	03/11/2003 - WY 2003
AVAILABLE PERIOD OF RECORD (POR)	03/11/2003 – Current
LENGTH OF AVAILABLE POR DATA	14.56 Years 5,318 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.23 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	2,255.00 feet NAVD 1988
POINT OF ZERO FLOW	-0.3 feet Gage Height
EXTREME FOR PERIOD OF RECORD	4,160 cfs 5.65 feet 07/18/2015

Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
None		

Hydrograph of peak WY 2017 flow event

No runoff event occurred in WY2017

Flood Flow Frequency

Flood Flow Frequency N=15, HEC-WRC computation (based on 15 years of data)					
2-year	5-year	10-year	20-year	50-year	100-year
36	478	1,630	4,230	11,600	21,700

NOTE: These results are based on very limited data.

Box Wash, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values														
	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		---			---		---		---			---			
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 2017	TOTAL		0	MEAN		0	MAX		0	MIN		0	AC_FT		0

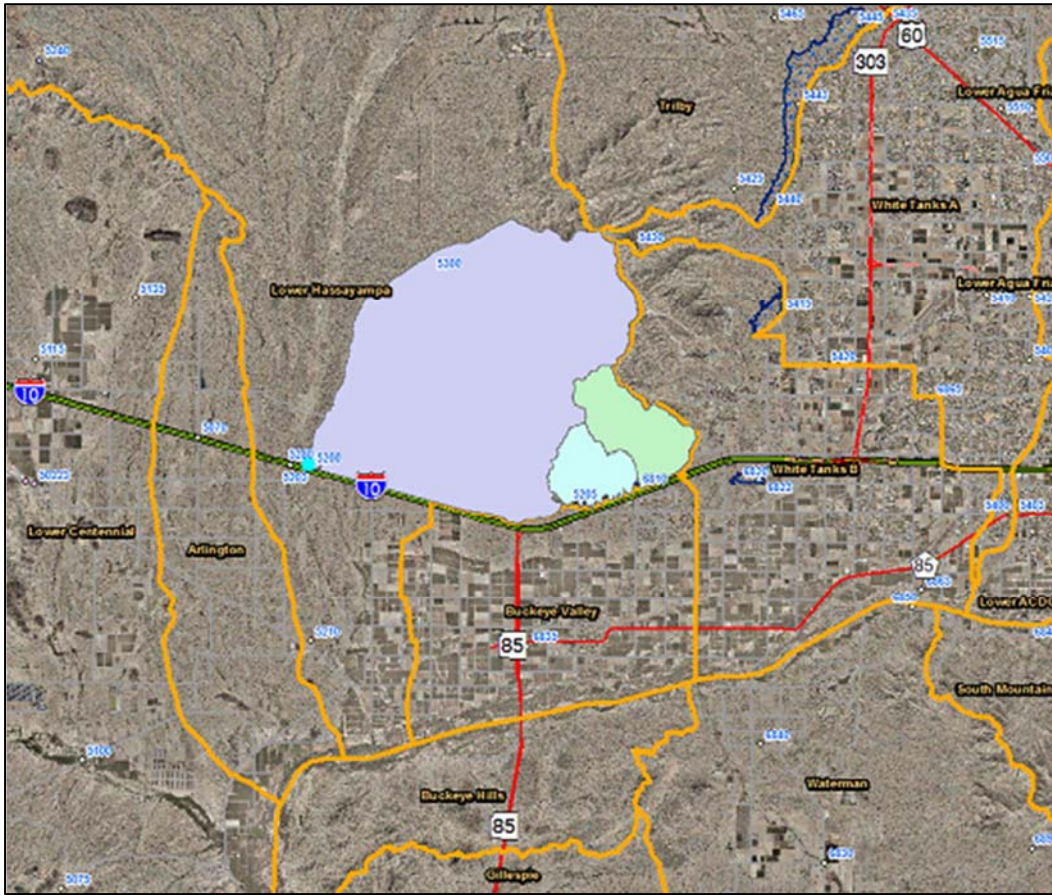
Buckeye FRS #1, ID #5203



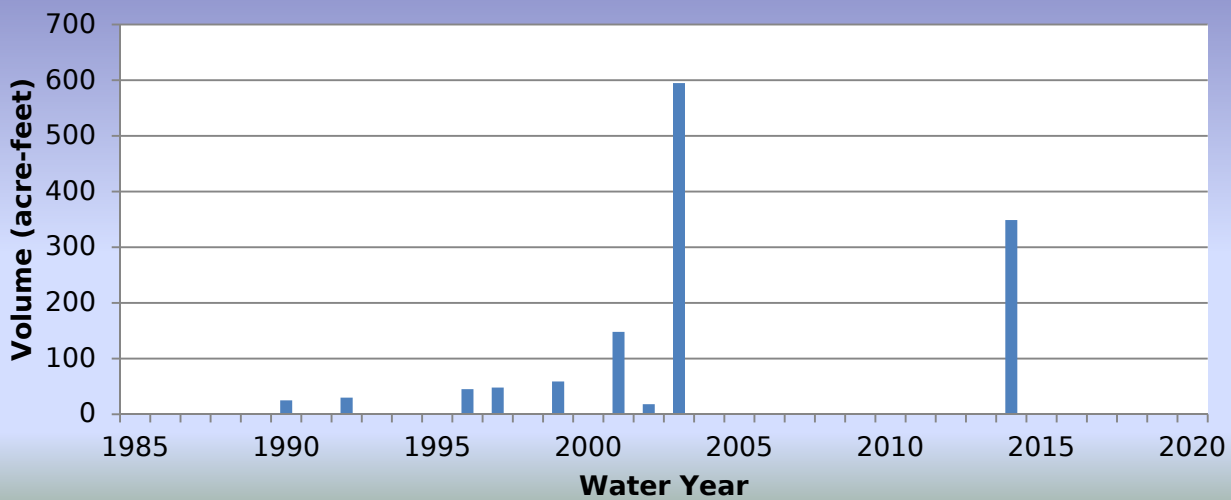
Site Data

LOCATION	Located near I-10 and the Hassayampa River
DRAINAGE AREA	74 mi ² Excluding structures 2 and 3
STREAM TYPE	Dam of natural drainage
JURISDICTION	Maricopa County, Arizona
WATERSHED	Lower Hassyampa
SECTION/TOWNSHIP/RANGE	S03 T1N R5W
LATITUDE	N 33° 27' 27.9" +33.45775
LONGITUDE	W 112° 44' 59.9" -112.74998
STREAMGAGE INSTALLATION DATE	07/26/1983 - WY 1983
AVAILABLE PERIOD OF RECORD (POR)	11/23/1987 - Current
LENGTH OF AVAILABLE POR DATA	29.86 Years 10,905 Days
DATA GAPS IN POR	01/21/2010 - 03/01/2010
STAGE GAGE ELEVATION	Gage Height
STAFF GAGES	0
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,062.00 feet NAVD 1988
POINT OF ZERO FLOW (UNCONTROLLED OUTLET)	0.00 feet Gage Height
SPILLWAY ELEVATION	18.7 feet Gage Height
TOP OF DAM ELEVATION	27.5 feet Gage Height

Watershed Map



Buckeye #1 FRS - water year peaks



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
No Impoundments			

Hydrograph of peak WY 2017 impoundment event

There was no impoundment recorded during Water Year 2016.

Buckeye FRS #1, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values														
	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		---			---	---	---		---			---			
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	5	3	0	0	0	0	0	0	0	0			
WTR YR 2017	TOTAL		0	MEAN		0	MAX		0	MIN		0	AC_FT		0

Buckeye FRS #1, volume data

Station Number: 44007 Name: Buckeye FRS #1 Slave

Volume, in acre-feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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	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 2017	MEAN	0	MAX	0	MIN	0						

Buckeye FRS #1, stage data

Station Number: 4400 Name: Buckeye FRS #1 Slave

Depth, in feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	-2.3	-2.3	-2.3	-2.3	1.4	1.4	1.4	1.4	1.4	0.5	0.5	0.5
2	-2.3	-2.3	-2.3	-2.3	1.4	1.4	1.4	1.4	1.4	0.5	0.5	0.5
3	-2.3	-2.3	-2.3	-2.3	1.4	1.4	---	1.4	1.4	0.5	0.5	0.5
4	-2.3	-2.3	-2.3	-2.3	1.4	---	0.0	1.4	1.4	0.5	0.5	0.5
5	-2.3	-2.3	-2.3	-2.3	1.4	---	1.4	1.4	1.4	0.5	0.5	0.5
6	-2.3	-2.3	-2.3	-2.3	1.4	1.4	---	1.4	1.4	0.5	0.5	0.5
7	-2.3	-2.3	-2.3	-2.3	1.4	1.4	---	1.4	1.4	0.5	0.5	0.5
8	-2.3	-2.3	-2.3	-2.3	1.4	1.4	---	1.4	1.4	0.5	0.5	0.5
9	-2.3	-2.3	-2.3	-2.3	1.4	1.4	---	1.4	1.4	0.5	0.5	0.5
10	-2.3	-2.3	-2.3	-2.3	1.4	1.4	1.4	1.4	1.4	0.5	0.5	0.5
11	-2.3	-2.3	-2.3	-2.3	1.4	1.4	1.4	1.4	1.4	0.5	0.5	0.5
12	-2.3	-2.3	-2.3	-2.3	1.4	1.4	1.4	1.4	1.4	0.5	0.5	0.5
13	-2.3	-2.3	-2.3	-2.3	1.4	---	---	1.4	1.4	0.5	0.5	0.5
14	-2.3	-2.3	-2.3	-2.3	1.4	1.4	---	1.4	1.4	0.5	0.5	0.5
15	-2.3	-2.3	-2.3	-2.3	1.4	---	---	1.4	---	0.5	0.5	0.5
16	-2.3	-2.3	-2.3	-2.3	1.4	1.4	---	1.4	---	0.5	0.5	0.5
17	-2.3	-2.3	-2.3	-0.4	1.4	1.4	1.4	1.4	---	0.5	0.5	0.5
18	-2.3	-2.3	-2.3	1.4	1.4	1.4	1.4	1.4	---	0.5	---	0.5
19	-2.3	-2.3	-2.3	1.4	1.4	---	1.4	1.4	---	0.5	---	0.5
20	-2.3	-2.3	-2.3	1.4	1.4	1.4	---	1.4	---	0.5	---	0.5
21	-2.3	-2.3	-2.3	1.4	1.4	1.4	---	1.4	---	0.5	---	0.5
22	-2.3	-2.3	-2.3	1.4	1.4	1.4	---	1.4	---	0.5	0.5	0.5
23	-2.3	-2.3	-2.3	1.4	1.4	---	---	1.4	---	0.5	0.5	0.5
24	-2.3	-2.3	-2.3	1.4	1.4	---	1.4	1.4	---	0.5	0.5	0.5
25	-2.3	-2.3	-2.3	1.4	1.4	---	1.4	1.4	---	0.5	0.5	0.5
26	-2.3	-2.3	-2.3	1.4	1.4	---	1.4	1.4	---	0.5	0.5	0.5
27	-2.3	-2.3	-2.3	1.4	1.4	1.4	1.4	1.4	---	0.5	0.5	0.5
28	-2.3	-2.3	-2.3	1.4	1.4	1.4	1.4	1.4	0.5	0.5	0.5	0.5
29	-2.3	-2.3	-2.3	1.4	---	---	1.4	1.4	0.5	0.5	0.5	0.5
30	-2.3	-2.3	-2.3	1.4	---	1.4	1.4	1.4	0.5	0.5	0.5	0.5
31	-2.3	---	-2.3	1.4	---	---	---	1.4	---	0.5	0.5	---
MEAN	-2.3	-2.3	-2.3	-0.6	1.4	1.4	1.4	1.4	1.3	0.5	0.5	0.5
MAX	-2.3	-2.3	-2.3	1.4	1.4	1.4	1.4	1.4	1.4	0.5	0.5	0.5
MIN	-2.3	-2.3	-2.3	-2.3	1.4	1.4	1.4	1.4	0.5	0.5	0.5	0.5
WTR YR 2017	MEAN	0.06	MAX	1.40	MIN	-2.30						

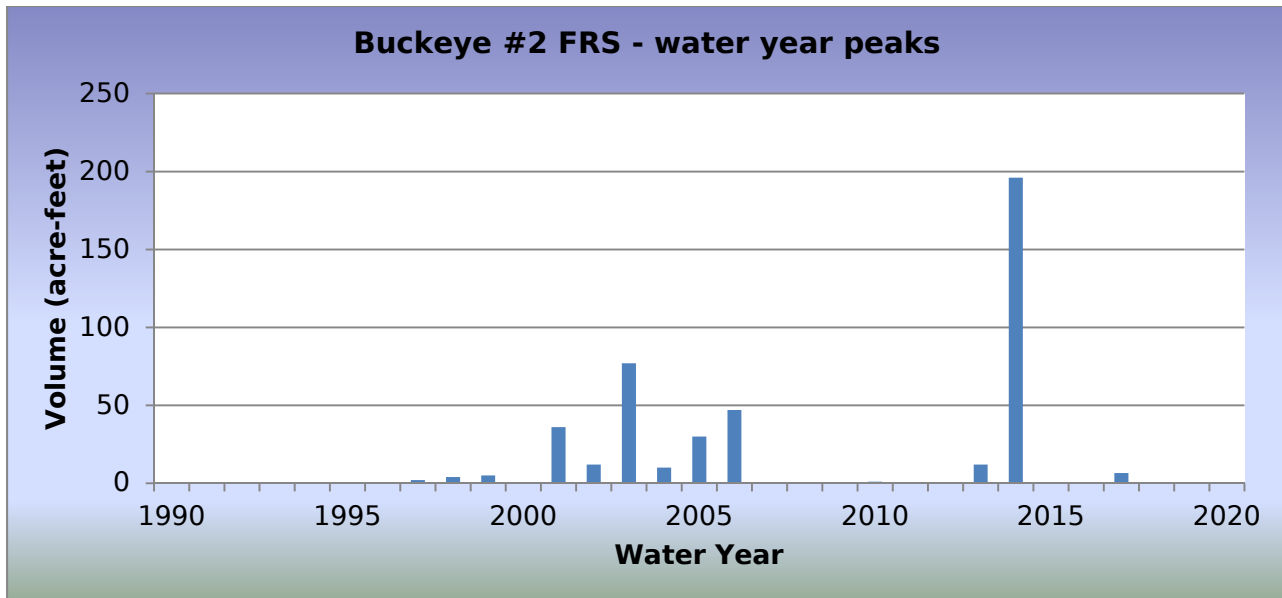
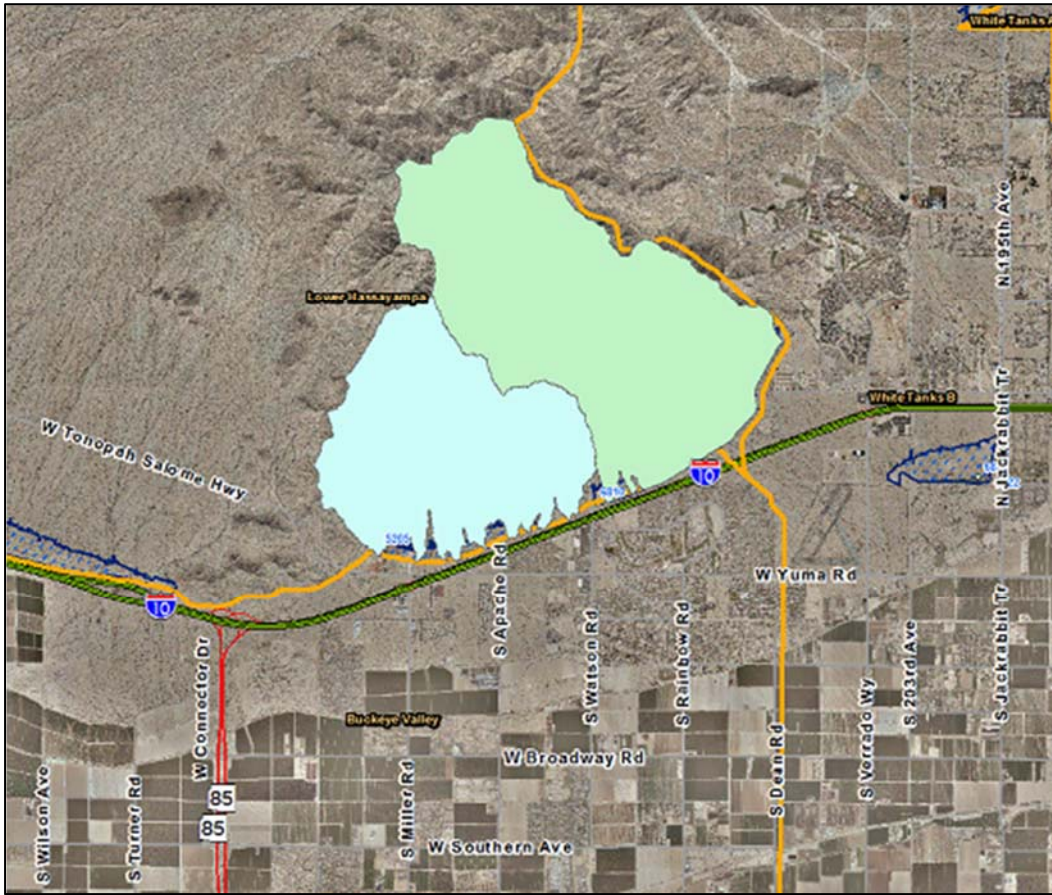
Buckeye FRS #2, ID #5208



Site Data

LOCATION	Located north of I-10 near Miller Road
DRAINAGE AREA	5.7 mi ² Excluding structure 3
STREAM TYPE	Dam of natural drainage
JURISDICTION	Buckeye, Arizona
WATERSHED	Lower Hassayampa
SECTION/TOWNSHIP/RANGE	S07 T1N R3W
LATITUDE	N 33° 26' 22.3" +33.43954
LONGITUDE	W 112° 35' 47.4" -112.59650
STREAMGAGE INSTALLATION DATE	11/11/1992 - WY 1993
AVAILABLE PERIOD OF RECORD (POR)	11/11/1992 - Current
LENGTH OF AVAILABLE POR DATA	24.89 Years 9,090 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	-1.39 feet Gage Height
STAFF GAGES	1
ZERO GAGE HEIGHT ELEVATION	1,098.17 feet NAVD 1988
POINT OF ZERO FLOW	-1.54 feet Gage Height
SPILLWAY ELEVATION	15.0 feet Gage Height
TOP OF DAM ELEVATION	20.43 feet Gage Height

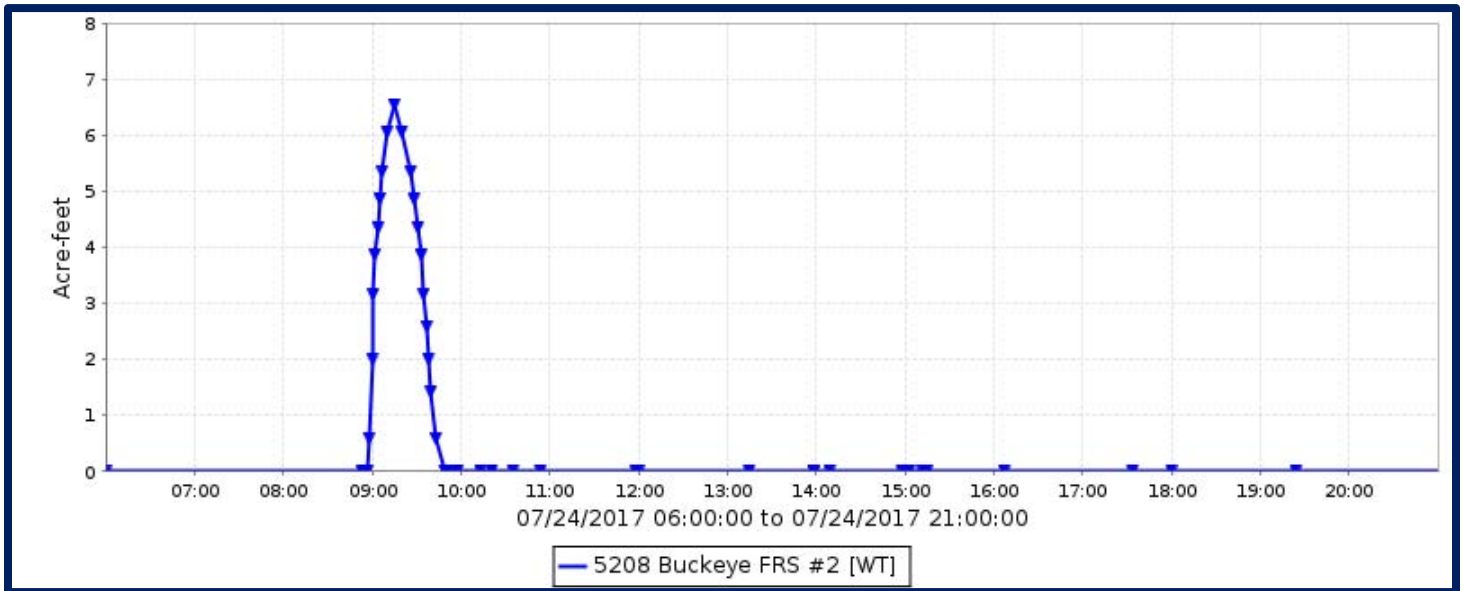
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
07/24/2017	1.22	6.6	0.9

Hydrograph of peak WY 2017 impoundment event, 07/24/2017



Buckeye FRS #2, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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										4		
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	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	2	0	0	0	7	0	0	0	0	48	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	1	0	0	0	0	7	0	0
WTR YR 2017	TOTAL		4	MEAN	0	MAX	48	MIN	0	AC_FT		8

Buckeye FRS #2, volume data

Volume, in acre-feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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	0	0	0	0	0	0	0	0	0	7	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2017	MEAN		0	MAX	7	MIN	0					

Buckeye FRS #2, stage data

Depth, in feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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	-1.4	-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	-1.4
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	-1.1	-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	-1.2	-1.4	-1.4	-1.4	-0.7	-1.4	-1.4	-1.4	-1.4	1.2	-1.4	-1.4
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 2017	MEAN	-1.39	MAX	1.22	MIN	-1.39						

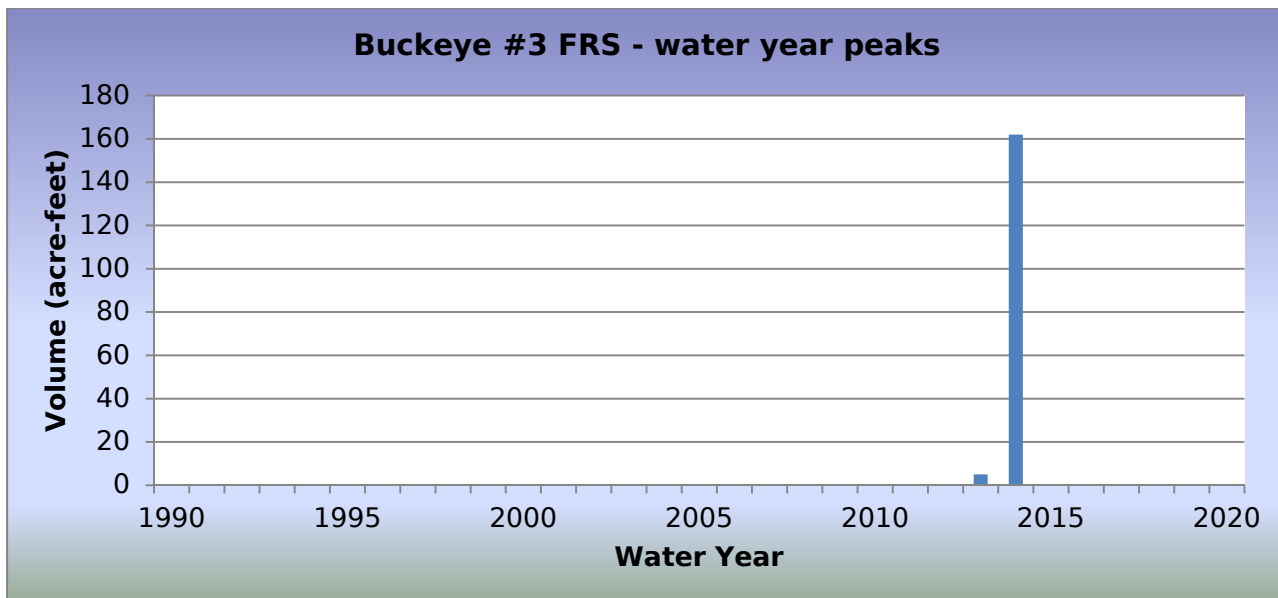
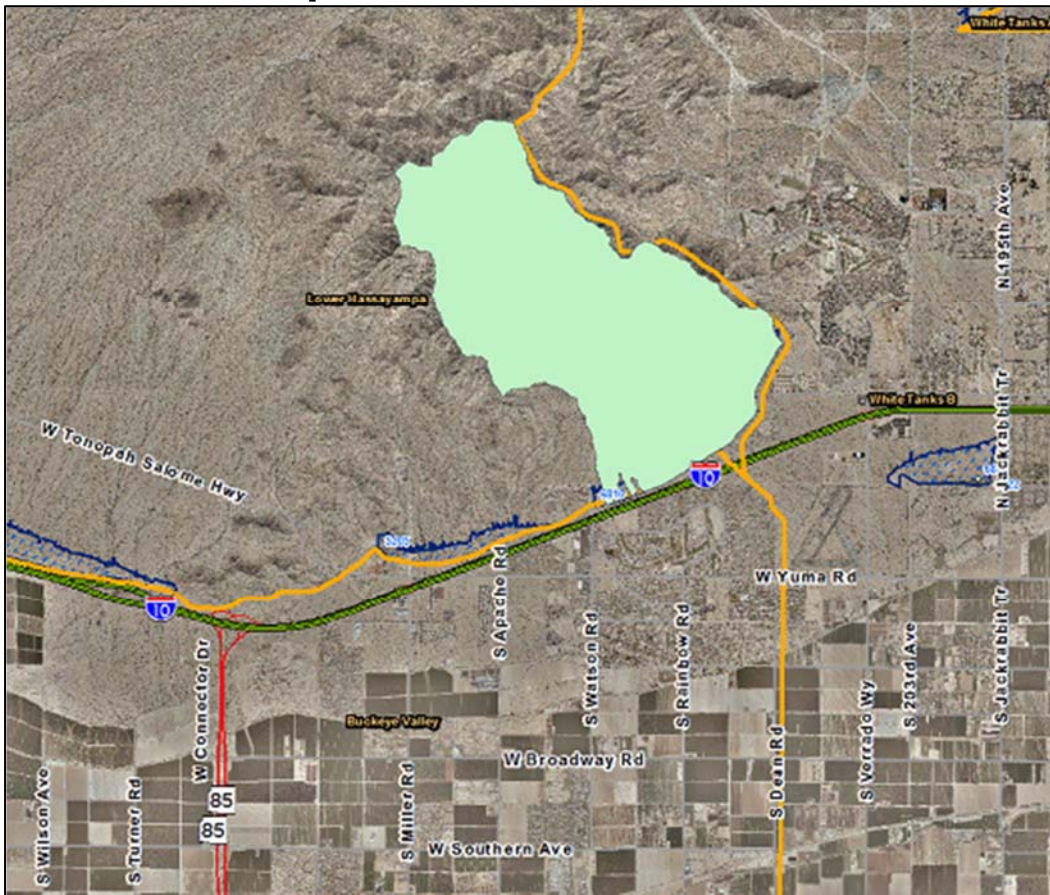
Buckeye FRS #3, ID #6813



Site Data

LOCATION	Located north of I-10 near Watson Road
DRAINAGE AREA	9.3 mi ²
STREAM TYPE	Dam of natural drainage
JURISDICTION	Buckeye, Arizona
WATERSHED	Lower Hassyampa
SECTION/TOWNSHIP/RANGE	S10 T1N R3W
LATITUDE	N 33° 26' 49.5" +33.44707
LONGITUDE	W 112° 33' 21.4" -112.55593
STREAMGAGE INSTALLATION DATE	11/23/1992 - WY 1993
AVAILABLE PERIOD OF RECORD (POR)	11/23/1992 - Current
LENGTH OF AVAILABLE POR DATA	24.85 Years 9,078 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	-4.08 feet Gage Height
STAFF GAGES	1
ZERO GAGE HEIGHT ELEVATION	1,151.07 Feet NAVD 1988
POINT OF ZERO FLOW	-4.18 feet Gage Height
SPILLWAY ELEVATION	14.00 feet Gage Height
TOP OF DAM ELEVATION	20.30 feet Gage Height

Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
None			

There were no impoundments recorded during Water Year 2016.

Buckeye FRS #3, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values														
	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		---			---		---		---			---			
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 2017	TOTAL		0	MEAN		0	MAX		0	MIN		0	AC_FT		0

Buckeye FRS #3, volume data

Volume, in acre-feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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	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 2017	MEAN		0	MAX	0	MIN	0					

Buckeye FRS #3, stage data

Depth, in feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1
2	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1
3	-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	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1
5	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1
6	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1
7	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1
8	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1
9	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1
10	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1
11	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1
12	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1
13	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1
14	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1
15	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1
16	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1
17	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1
18	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1
19	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1
20	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1
21	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1
22	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1
23	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1
24	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1
25	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1
26	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1
27	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1
28	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1
29	-4.1	-4.1	-4.1	-4.1	---	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1
30	-4.1	-4.1	-4.1	-4.1	---	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1
31	-4.1	---	-4.1	-4.1	---	-4.1	---	-4.1	---	-4.1	-4.1	---
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	-4.1	-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 2017	MEAN	-4.08	MAX	-4.08	MIN	-4.08						

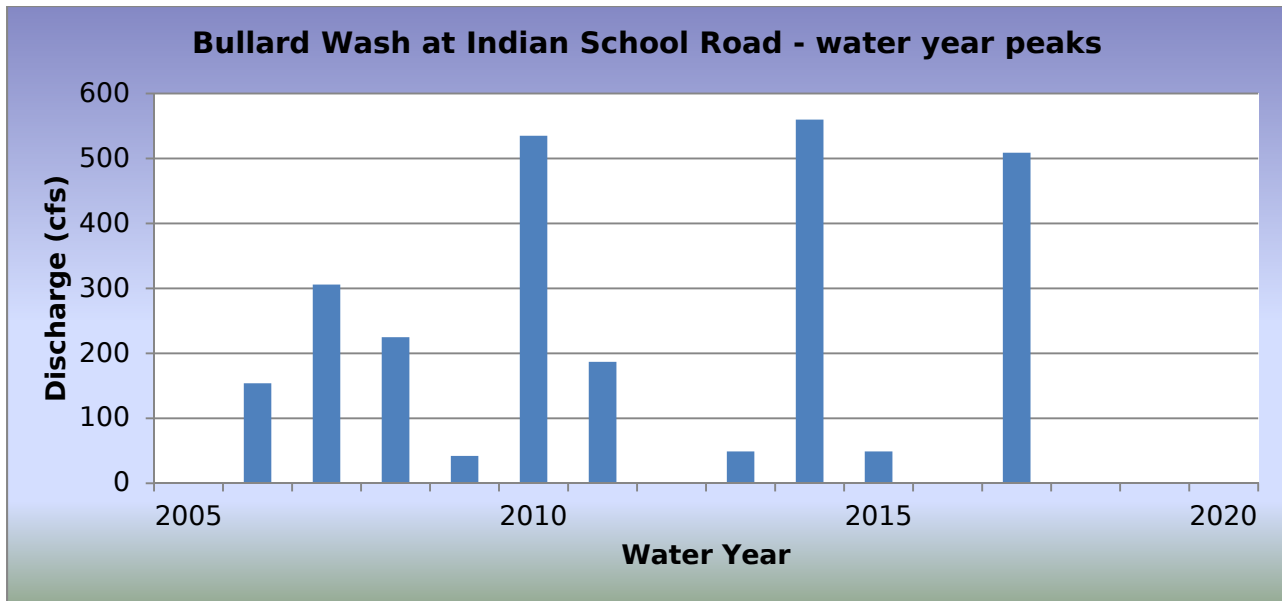
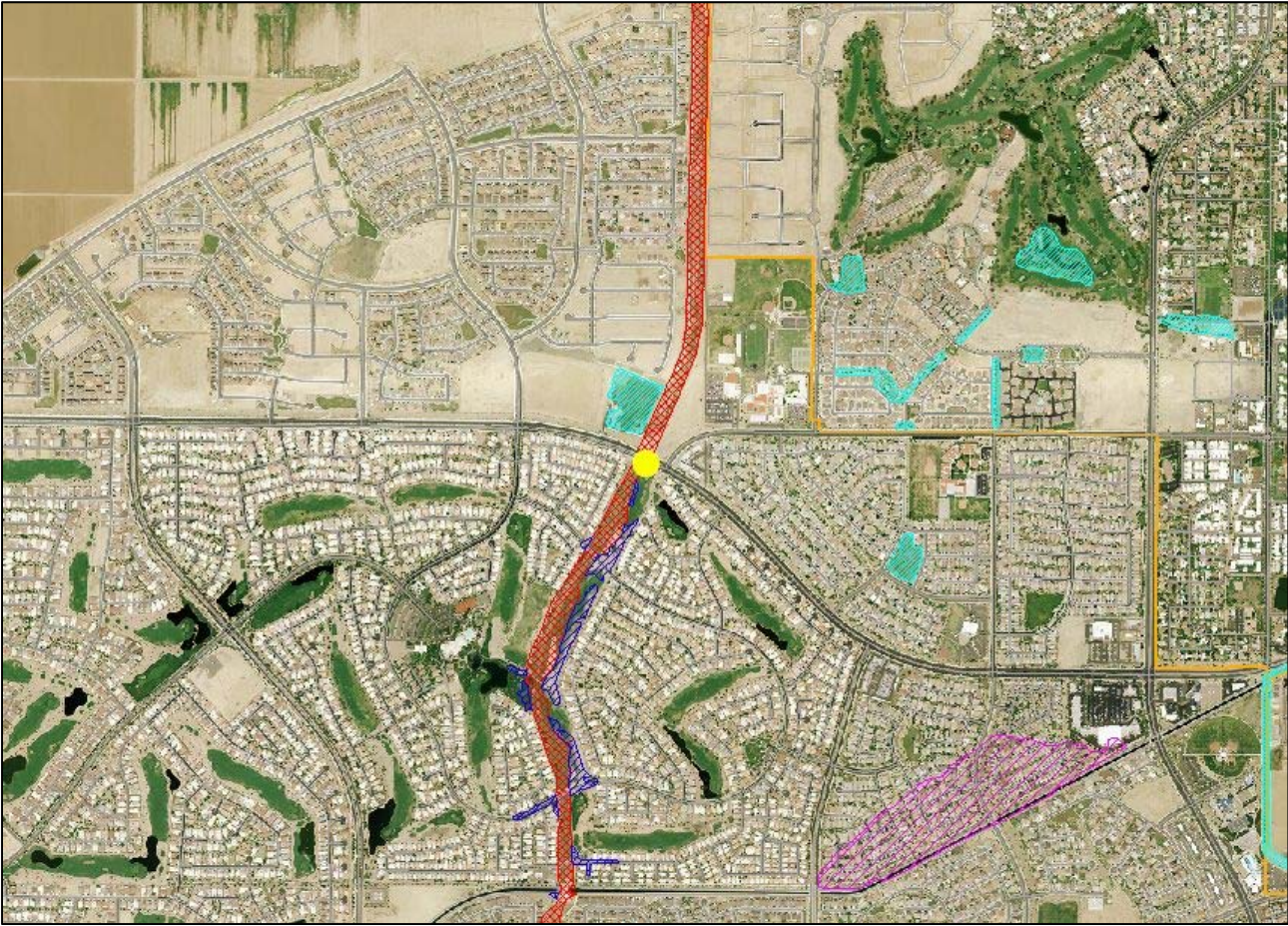
Bullard Wash at Indian School Road, ID #6868



Site Data

LOCATION	Located near Indian School Road and Wigwam Boulevard
DRAINAGE AREA	14.6 mi ²
STREAM TYPE	Channelized natural stream
JURISDICTION	Goodyear, Arizona
WATERSHED	White Tanks A
SECTION/TOWNSHIP/RANGE	S29 T2N R1W
LATITUDE	N 33° 29' 32.7" +33.49242
LONGITUDE	W 112° 22' 54.1" -112.38168
STREAMGAGE INSTALLATION DATE	06/27/2006 - WY 2006
AVAILABLE PERIOD OF RECORD (POR)	06/27/2006 - Current
LENGTH OF AVAILABLE POR DATA	11.26 Years 4,114 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.50 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	0.00 feet Gage Height
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	560 cfs 2.68 feet 09/27/2014

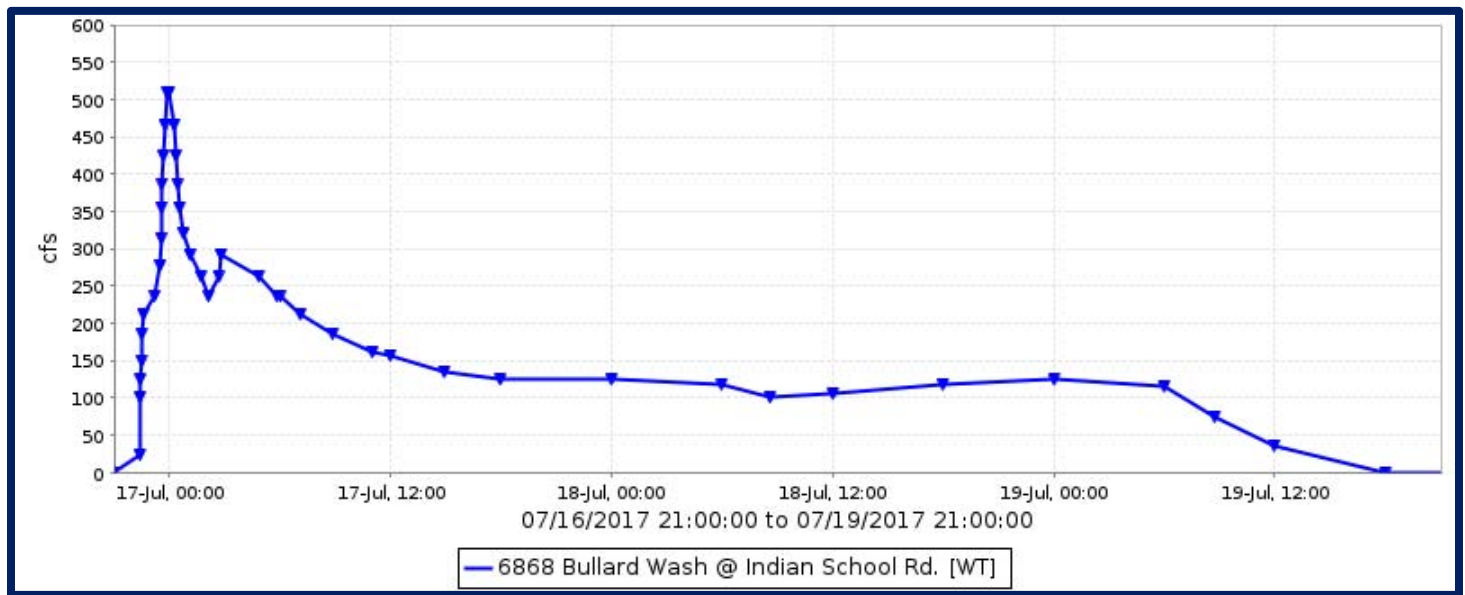
Location Map



WY2017 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
07/16/2017	2.57	509
07/24/2017	1.45	161
07/30/2017	1.58	195
08/10/2017	1.18	105
08/11/2017	1.18	105
08/13/2017	1.75	237

Hydrograph of peak WY 2017 flow event, 07/16/2017



Flood Flow Frequency

Flood Flow Frequency N=12, HEC-WRC computation (based on 12 years of data)					
2-year	5-year	10-year	20-year	50-year	100-year
108	407	768	1,260	2,150	3,000

Bullard Wash at Indian School Road, ID #6868

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2											3	
3											11	
4											5	
5											2	
6											1	
7												
8												
9												
10											28	
11											45	
12											16	
13											94	
14												
15												
16										18		
17										192		
18										114		
19										64		
20							---					
21												
22												
23												
24										71		
25										47		
26												
27												
28												
29					---					41		
30					---					161		
31		---			---		---		---	59		---
TOTAL	0	0	0	0	0	0	0	0	0	766	206	0
MEAN	0	0	0	0	0	0	0	0	0	25	7	0
MAX	0	0	0	0	0	0	0	0	0	509	237	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	1519	408	0
WTR YR 2017	TOTAL	972	MEAN	3	MAX	509	MIN	0	AC_FT	1927		

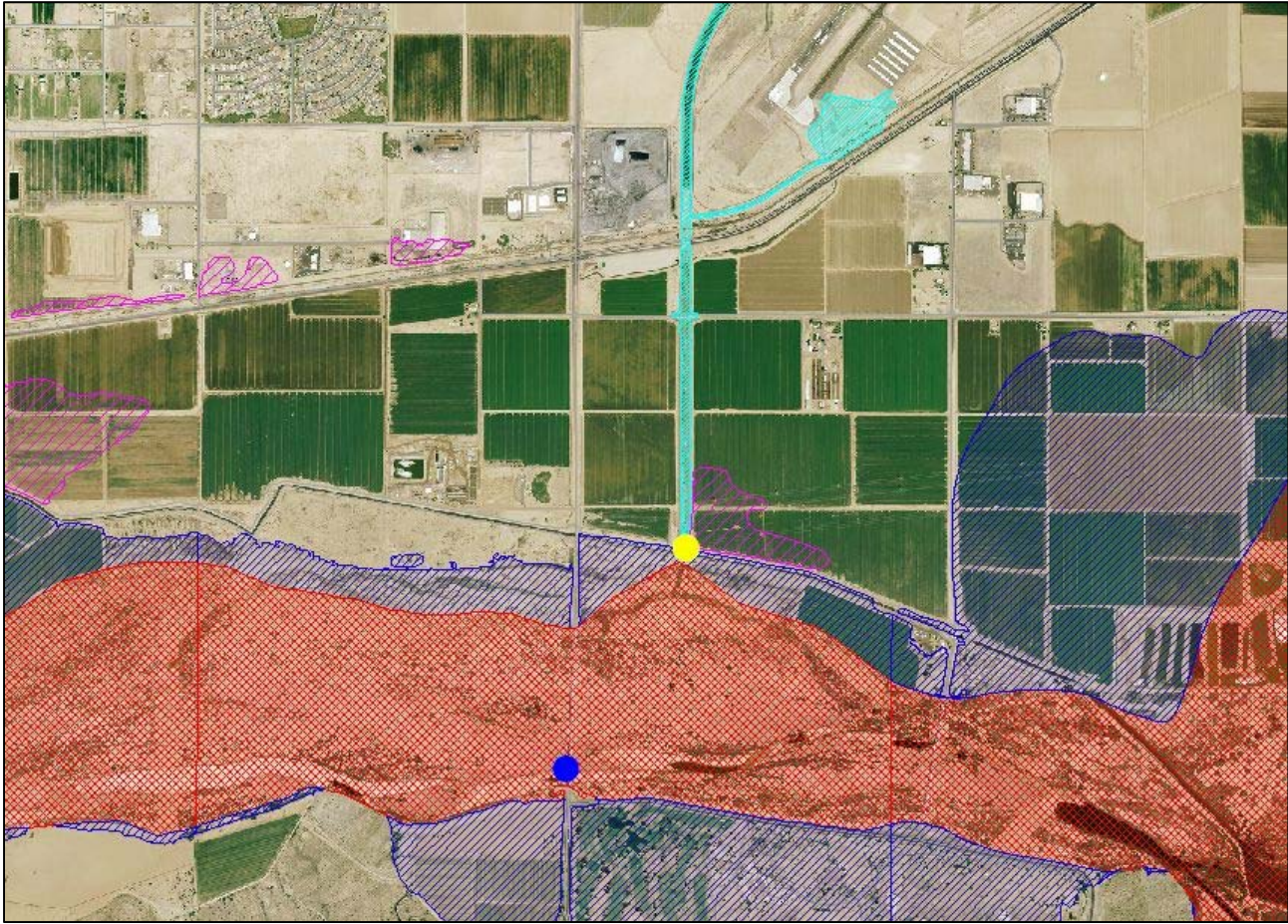
Bullard Wash at Gila River, ID #6863



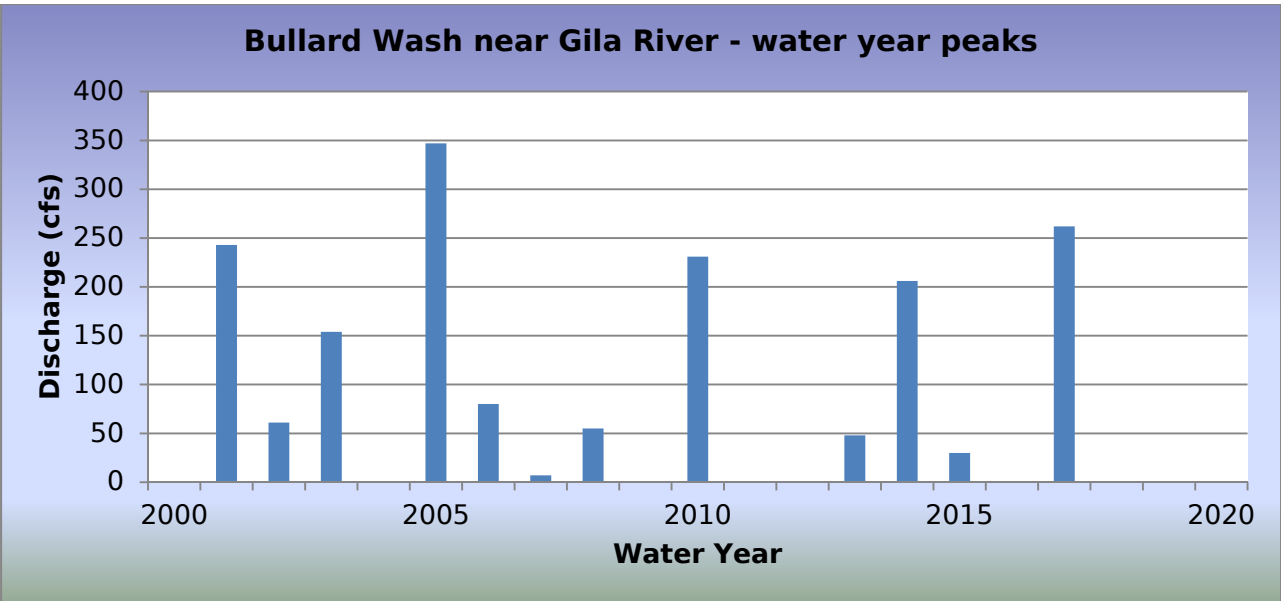
Site Data

LOCATION	Located north of the Gila River and east of Estrella Parkway
DRAINAGE AREA	44.7 mi ²
STREAM TYPE	Engineered Channel
JURISDICTION	Goodyear, Arizona
WATERSHED	White Tanks A
SECTION/TOWNSHIP/RANGE	S29 T1N R1W
LATITUDE	N 33° 23' 51.1" +33.39754
LONGITUDE	W 112° 23' 13.6" -112.38712
STREAMGAGE INSTALLATION DATE	03/30/2000 - WY 2000
AVAILABLE PERIOD OF RECORD (POR)	03/30/2000 - Current
LENGTH OF AVAILABLE POR DATA	17.51 Years 6,394 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.19 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	906.50 feet M.S.L.
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	347 cfs 1.29 feet 08/02/2005

Location Map



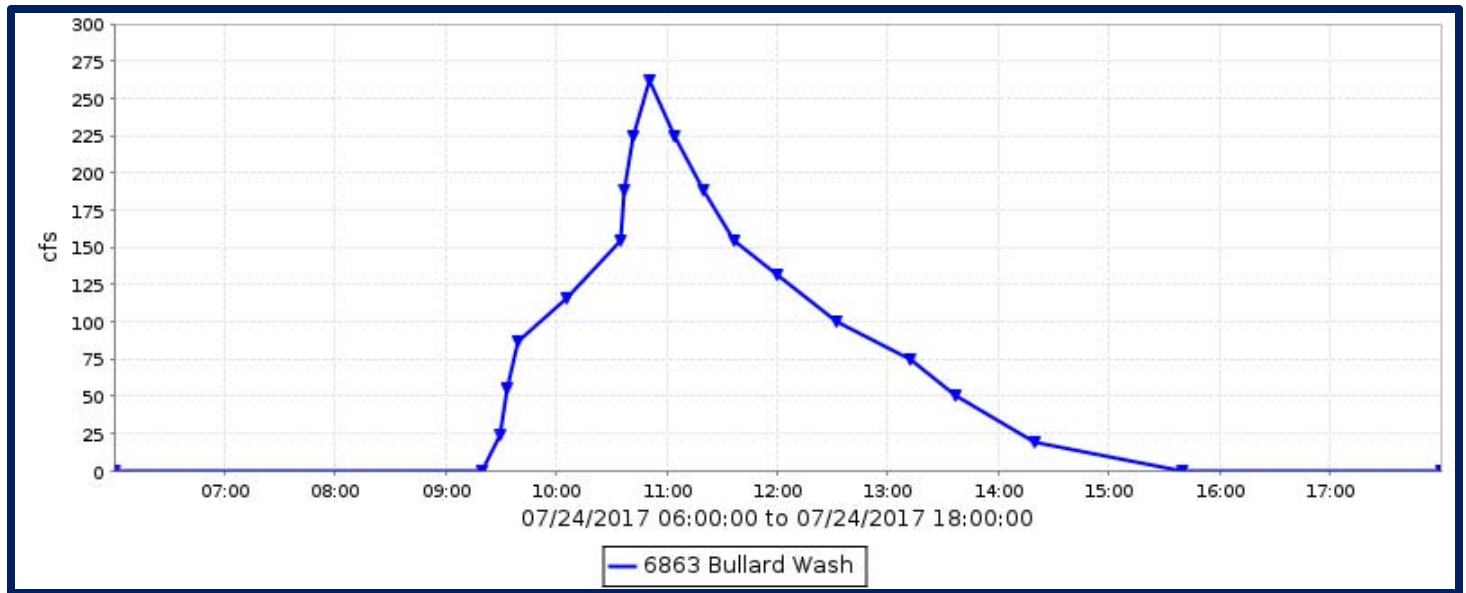
Bullard Wash near Gila River - water year peaks



WY2017 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
07/24/2017	1.09	262

Hydrograph of peak WY 2017 flow event, 07/24/2017



Flood Flow Frequency

There is not enough data to compute a flood flow frequency for this gage station.

Bullard Wash at Gila River, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values												
	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										26			
25													
26													
27													
28													
29					---								
30					---								
31		---			---		---		---			---	
TOTAL	0	0	0	0	0	0	0	0	0	26	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	262	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	51	0	0	
WTR YR 2017	TOTAL		26	MEAN		0	MAX	262	MIN		0	AC_FT	51

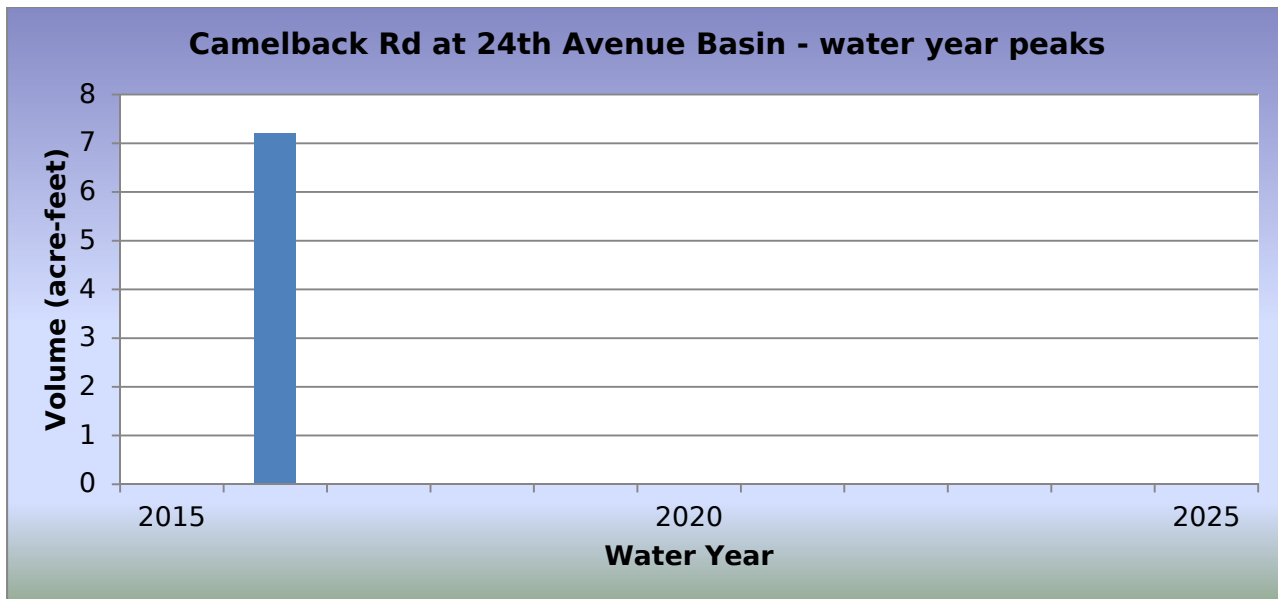
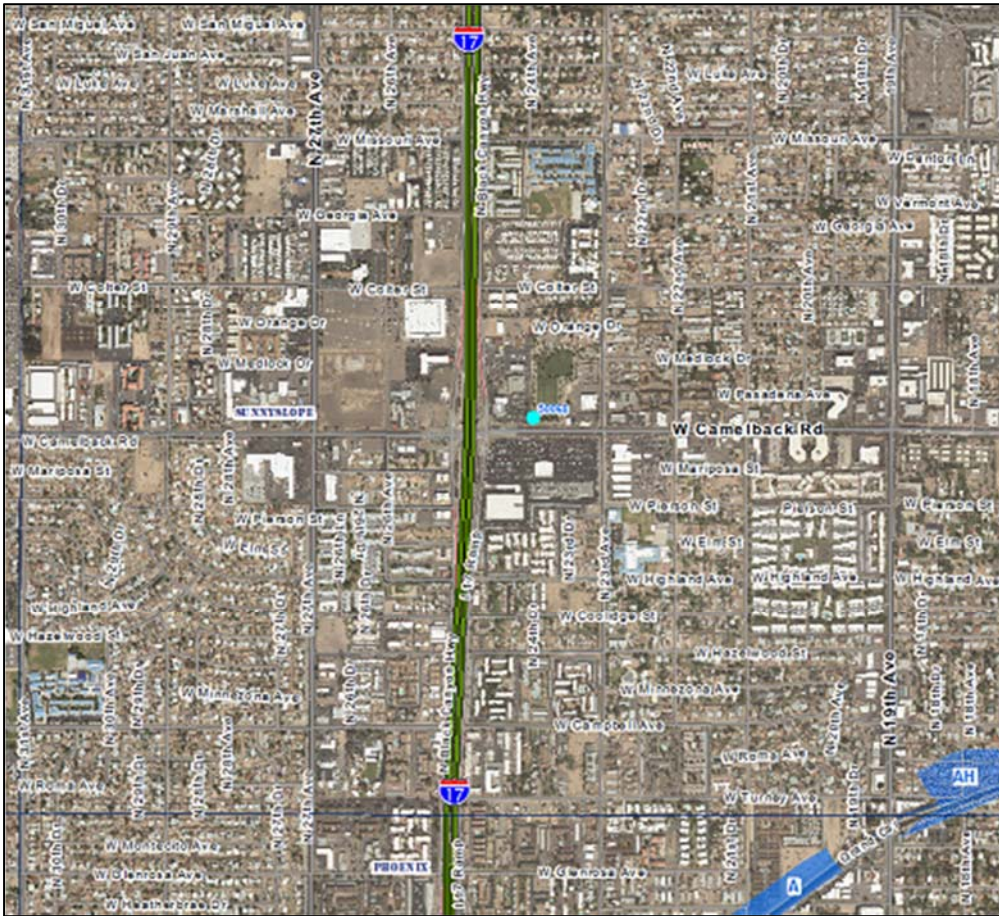
Camelback Road at 24th Avenue Basin, ID #6807



Site Data

LOCATION	Near Camelback Rd and 24th Ave
DRAINAGE AREA	Undetermined
STREAM TYPE	Flood control basin
JURISDICTION	Phoenix, Arizona
WATERSHED	Lower ACDC
SECTION/TOWNSHIP/RANGE	S13 T2N R2E
LATITUDE	N 33° 30' 35.5" +33.50986
LONGITUDE	W 112° 06' 37.8" -112.11050
STREAMGAGE INSTALLATION DATE	10/01/2015 - WY 2016
AVAILABLE PERIOD OF RECORD (POR)	10/01/2015 - Current
LENGTH OF AVAILABLE POR DATA	2.00 Years 731 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.50 feet Gage Height
STAFF GAGES	0
ZERO GAGE HEIGHT ELEVATION	0.00 feet Gage Height
POINT OF ZERO FLOW	0.00 feet Gage Height
SPILLWAY CREST ELEVATION	No spillway
TOP OF BASIN ELEVATION	6.4 feet Gage Height

Location Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
None			

Hydrograph of peak WY 2017 impoundment event

No impoundments were recorded during Water Year 2017.

Camelback Road at 24th Avenue Basin, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values														
	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		---			---		---		---			---			
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 2017	TOTAL		0	MEAN		0	MAX		0	MIN		0	AC_FT		0

Camelback Road at 24th Avenue Basin, volume data

Volume, in acre-feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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	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 2017	MEAN		0	MAX	0	MIN	0					

Camelback Road at 24th Avenue Basin, stage data

Depth, in feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
2	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
7	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
8	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
9	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
10	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
11	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
12	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
13	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
14	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
15	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
16	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
17	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
18	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
19	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
20	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
21	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
22	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
23	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
24	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
25	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
26	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
27	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
28	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
29	0.5	0.5	0.5	0.5	---	0.5	0.5	0.5	0.5	0.5	0.5	0.5
30	0.5	0.5	0.5	0.5	---	0.5	0.5	0.5	0.5	0.5	0.5	0.5
31	0.5	---	0.5	0.5	---	0.5	---	0.5	---	0.5	0.5	---
MEAN	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
MAX	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
MIN	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
WTR YR 2017	MEAN	0.50	MAX	0.50	MIN	0.50						

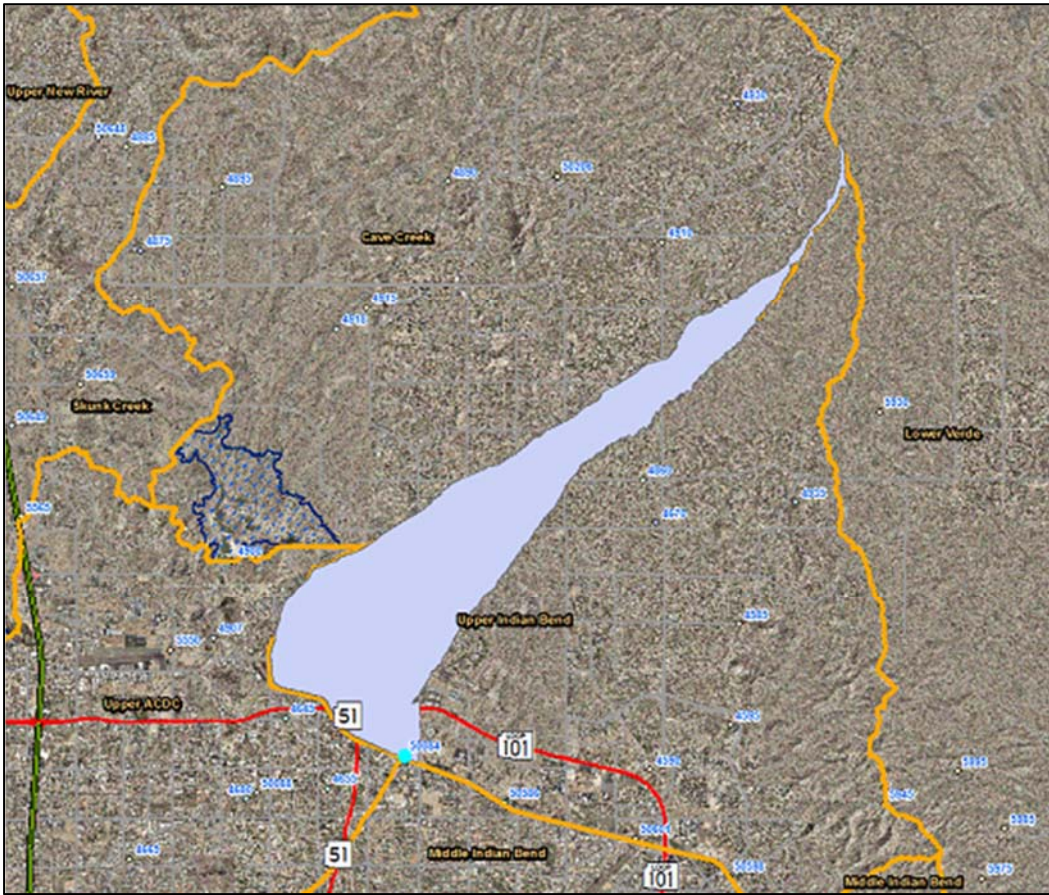
CAP Reach #11 Dike #1, ID #8407



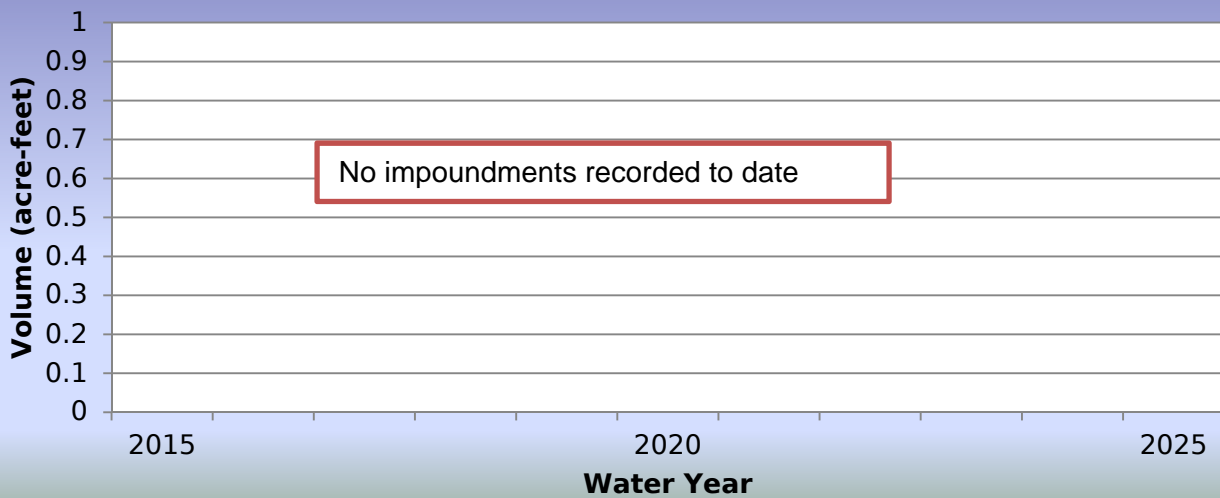
Site Data

LOCATION	Located on the CAP dike, about ½ mile west of Tatum Blvd.
DRAINAGE AREA	Undetermined
STREAM TYPE	Flood control dike
JURISDICTION	Phoenix, Arizona
WATERSHED	Upper Indian Bend
SECTION/TOWNSHIP/RANGE	S30 T4N R4E
LATITUDE	N 33° 39' 32.0" +33.65890
LONGITUDE	W 111° 58' 58.5" -111.98293
STREAMGAGE INSTALLATION DATE	07/19/2016 - WY 2016
AVAILABLE PERIOD OF RECORD (POR)	07/19/2016 - Current
LENGTH OF AVAILABLE POR DATA	1.20 Years 439 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.00 feet Gage Height
STAFF GAGES	1
ZERO GAGE HEIGHT ELEVATION	1,526.00 feet NAVD88
POINT OF ZERO FLOW	2.00 feet Gage Height
SPILLWAY CREST ELEVATION	No spillway
TOP OF BASIN ELEVATION	32.0 feet Gage Height

Watershed Map



CAP Reach 11 Dike #1 - water year peaks



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
No Impoundments			

Hydrograph of peak WY 2017 impoundment event

No impoundments were recorded during Water Year 2016.

CAP Reach 11 Dike #1, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values														
	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		---			---		---		---			---			
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 2017	TOTAL		0	MEAN		0	MAX		0	MIN		0	AC_FT		0

CAP Reach 11 Dike #1, volume data

Volume, in feet, Water Year October 2015 to September 2016

DAY	Daily Mean Values											
	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	0	0	14	0	0	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2017	MEAN		0	MAX	14	MIN	0					

CAP Reach 11 Dike #1, stage data

Depth, in feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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	0.0
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
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	0.0	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	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	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	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	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	0.0
29	0.0	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	0.0	0.0
31	0.0	---	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	0.0	0.0	0.0	0.0	0.0	0.0
MAX	0.0	0.0	0.1	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 2017	MEAN	0.00	MAX	0.10	MIN	0.00						

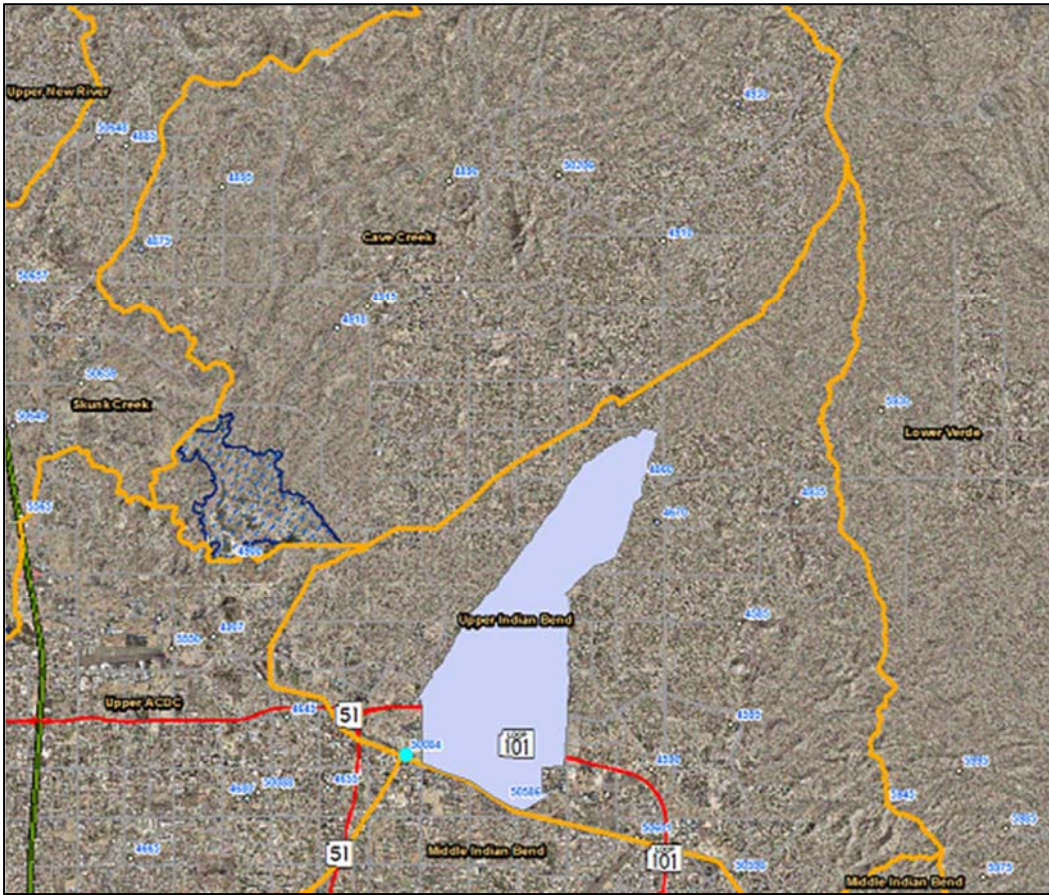
CAP Reach #11, Dike #2, ID #58607



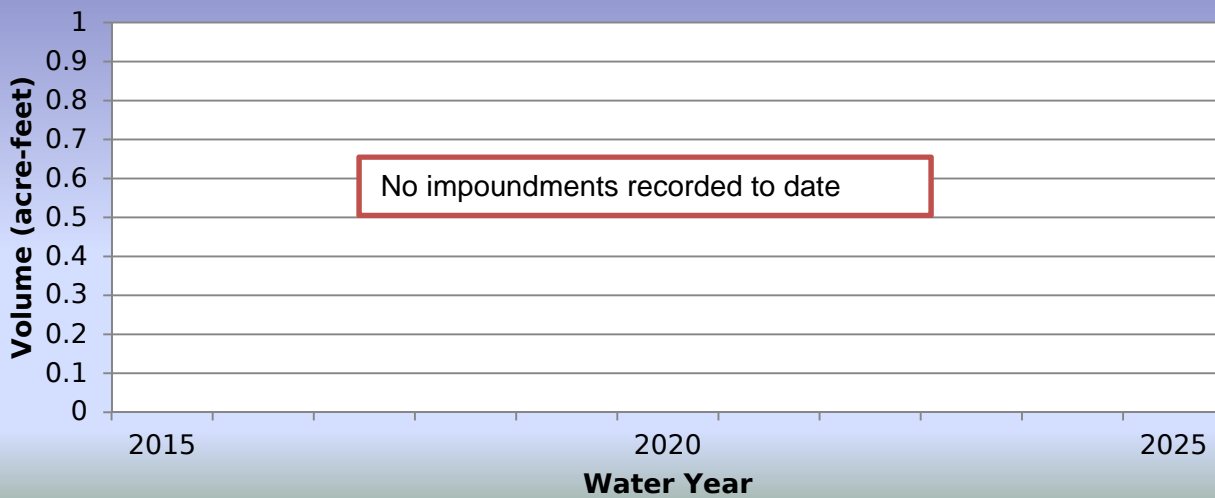
Site Data

LOCATION	Near the 60 th Street alignment with the CAP canal.
DRAINAGE AREA	Undetermined
STREAM TYPE	Flood control dike
JURISDICTION	Phoenix, Arizona
WATERSHED	Upper Indian Bend
SECTION/TOWNSHIP/RANGE	S33 T4N R4E
LATITUDE	N 33° 38' 41.9" +33.64498
LONGITUDE	W 111° 56' 50.0" -111.94721
STREAMGAGE INSTALLATION DATE	07/19/2016 - WY 2016
AVAILABLE PERIOD OF RECORD (POR)	07/19/2016 - Current
LENGTH OF AVAILABLE POR DATA	1.20 Years 439 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.00 feet Gage Height
STAFF GAGES	1
ZERO GAGE HEIGHT ELEVATION	1,520.50 feet NAVD88
POINT OF ZERO FLOW	2.00 feet Gage Height
SPILLWAY CREST ELEVATION	No spillway
TOP OF BASIN ELEVATION	32.0 feet Gage Height

Watershed Map



CAP Reach 11 Dike #2 - water year peaks



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
No Impoundments			

Hydrograph of peak WY 2017 impoundment event

No impoundments were recorded during Water Year 2017.

CAP Reach 11 Dike #2, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values														
	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		---			---		---		---			---			
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	2	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 2017	TOTAL		0	MEAN		0	MAX		2	MIN		0	AC_FT		0

CAP Reach 11 Dike #2, volume data

Volume, in feet, Water Year October 2015 to September 2016

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8											5	
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	0	435	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2017	MEAN		0	MAX	435	MIN	0					

CAP Reach 11 Dike #2, stage data

Depth, in feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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	0.0
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
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	0.0	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	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	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	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	0.0
30	0.0	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	---	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	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0
WTR YR 2017	MEAN	0.00	MAX	0.15	MIN	0.00						

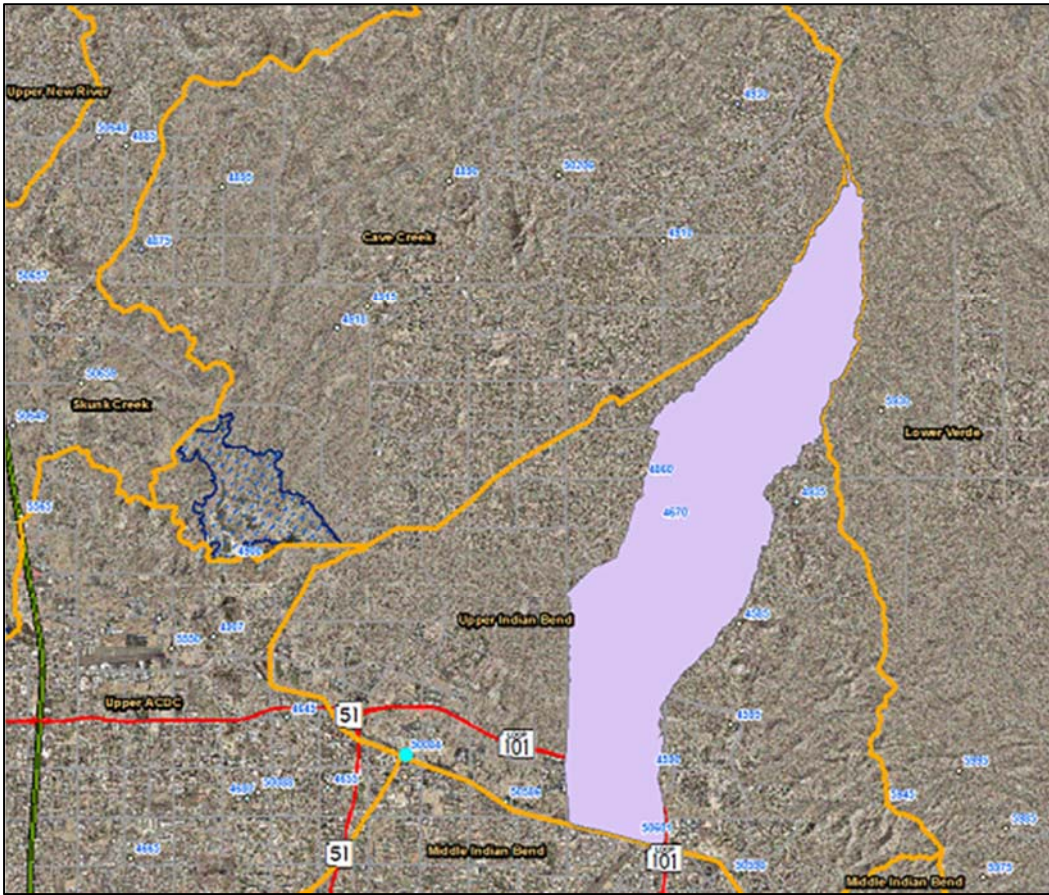
CAP Reach #11, Dike #3, ID #60107



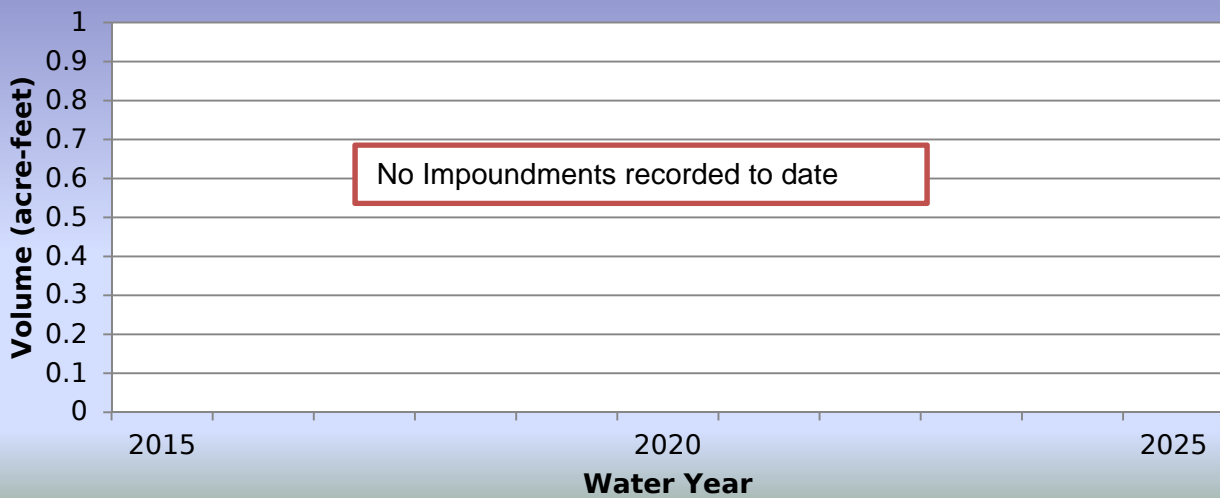
Site Data

LOCATION	Near Hayden Road and the CAP
DRAINAGE AREA	Undetermined
STREAM TYPE	Flood control basin
JURISDICTION	Scottsdale, Arizona
WATERSHED	Upper Indian Bend
SECTION/TOWNSHIP/RANGE	S01 T3N R4E
LATITUDE	N 33° 38' 02.9" +33.63414
LONGITUDE	W 111° 54' 02.8" -111.90079
STREAMGAGE INSTALLATION DATE	07/19/2016 - WY 2016
AVAILABLE PERIOD OF RECORD (POR)	07/19/2016 - Current
LENGTH OF AVAILABLE POR DATA	1.20 Years 439 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.00 feet Gage Height
STAFF GAGES	1
ZERO GAGE HEIGHT ELEVATION	1,519.60 feet NAVD88
POINT OF ZERO FLOW	2.00 feet Gage Height
SPILLWAY CREST ELEVATION	No spillway
TOP OF BASIN ELEVATION	29.0 feet Gage Height

Watershed Map



CAP Reach 11 Dike #3 - water year peaks



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
No Impoundments			

Hydrograph of peak WY 2017 impoundment event

No impoundments were recorded during Water Year 2017.

CAP Reach 11 Dike #3, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values														
	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		---		---	---		---		---			---			
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 2017	TOTAL		0	MEAN		0	MAX		0	MIN		0	AC_FT		0

CAP Reach 11 Dike #3, volume data

Volume, in feet, Water Year October 2015 to September 2016

DAY	Daily Mean Values											
	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	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 2017	MEAN		0	MAX	0	MIN	0					

CAP Reach 11 Dike #3, stage data

Depth, in feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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	0.0
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	---
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	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	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	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	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	0.0
29	0.0	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	0.0	0.0
31	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	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 2017	MEAN	0.00	MAX	0.00	MIN	0.00						

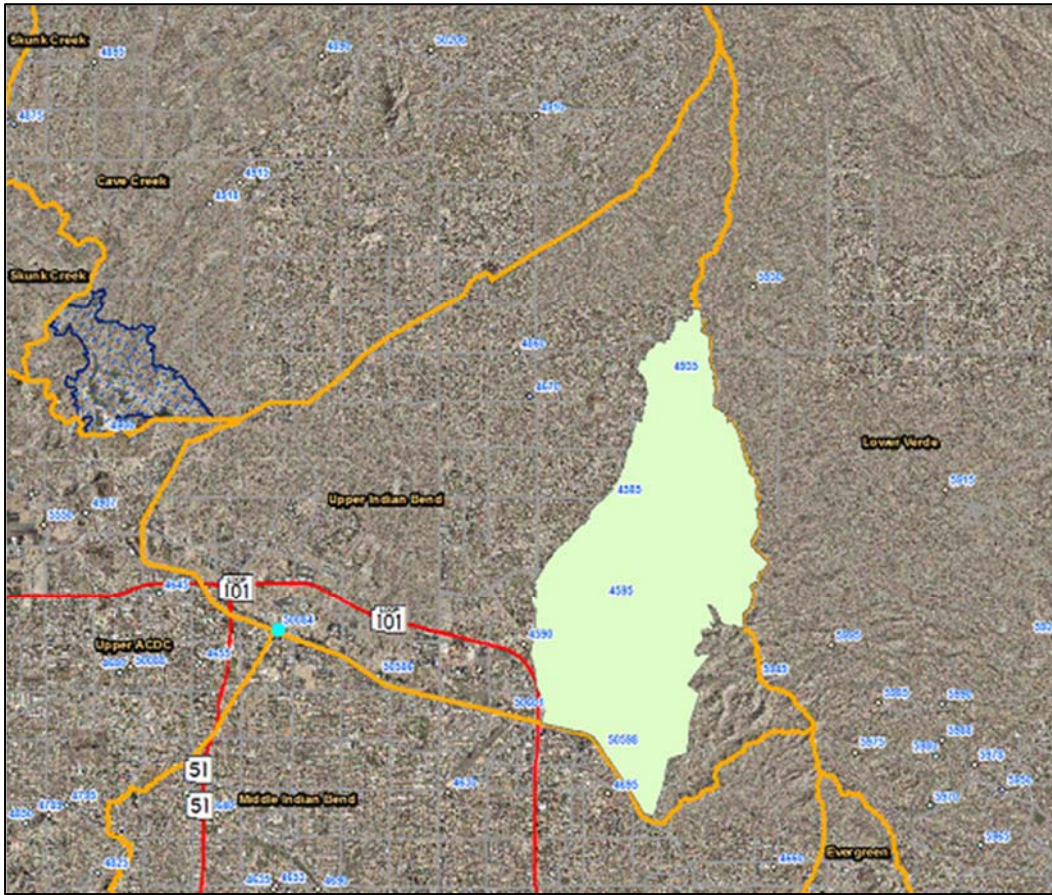
CAP Reach #11, Dike #4, ID #59807



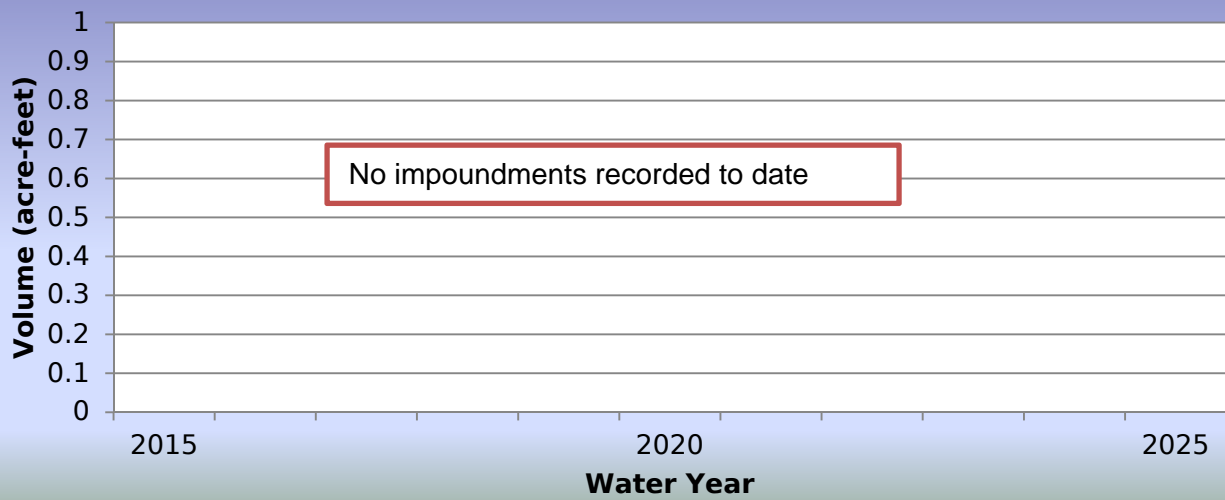
Site Data

LOCATION	Near the CAP and Thompson Peak Parkway
DRAINAGE AREA	Undetermined
STREAM TYPE	Flood control dike
JURISDICTION	Scottsdale, Arizona
WATERSHED	Upper Indian Bend
SECTION/TOWNSHIP/RANGE	S08 T3N R5E
LATITUDE	N 33° 37' 22.9" +33.62304
LONGITUDE	W 111° 52' 02.1" -111.86725
STREAMGAGE INSTALLATION DATE	07/19/2016 - WY 2016
AVAILABLE PERIOD OF RECORD (POR)	07/19/2016 - Current
LENGTH OF AVAILABLE POR DATA	1.20 Years 439 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.00 feet Gage Height
STAFF GAGES	1
ZERO GAGE HEIGHT ELEVATION	1,510.00 feet NAVD88
POINT OF ZERO FLOW	2.00 feet Gage Height
SPILLWAY CREST ELEVATION	No spillway
TOP OF BASIN ELEVATION	34.0 feet Gage Height

Watershed Map



CAP Reach 11 Dike #4 - water year peaks



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
No Impoundments			

Hydrograph of peak WY 2017 impoundment event

No impoundments were recorded during Water Year 2017.

CAP Reach 11 Dike #4, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values														
	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		---			---		---		---			---			
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 2017	TOTAL		0	MEAN		0	MAX		0	MIN		0	AC_FT		0

CAP Reach 11 Dike #4, volume data

Volume, in feet, Water Year October 2015 to September 2016

DAY	Daily Mean Values											
	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	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 2017	MEAN		0	MAX	0	MIN	0					

CAP Reach 11 Dike #4, stage data

Depth, in feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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	0.0
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	0.0	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	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	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	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	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	0.0
29	0.0	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	0.0	0.0
31	0.0	---	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	0.0	0.0	0.0	0.0	0.0	0.0
MAX	0.0	0.9	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 2017	MEAN	0.00	MAX	0.92	MIN	0.00						

Casandro Wash, ID #7093



Site Data

LOCATION	Located near the intersection of Lazy Fox Road and US 60
DRAINAGE AREA	0.58 mi ²
STREAM TYPE	Culvert / Natural Stream
JURISDICTION	Wickenburg, Arizona
WATERSHED	Lower Hassayampa
SECTION/TOWNSHIP/RANGE	S10 T7N R5W
LATITUDE	N 33° 57' 43.3" +33.96204
LONGITUDE	W 112° 45' 55.0" -112.76528
STREAMGAGE INSTALLATION DATE	07/12/1994 - WY 1994
AVAILABLE PERIOD OF RECORD (POR)	07/12/1994 - Current
LENGTH OF AVAILABLE POR DATA	23.22 Years 8,482 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.73 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	2,241.74 feet NAVD88
POINT OF ZERO FLOW	1.23 feet Gage Height
EXTREME FOR PERIOD OF RECORD	668 cfs 8.00 feet 07/18/2015

WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
07/15/2017	1.81	14
07/18/2017	2.46	121
08/10/2017	2.66	137

Hydrograph of peak WY 2017 flow event, 08/10/2017



Flood Flow Frequency

Flood Flow Frequency N=24, HEC-WRC computation (based on 24 years of data)					
2-year	5-year	10-year	20-year	50-year	100-year
114	290	457	654	960	1,230

NOTE: These results are based on very limited data.

Casandro Wash, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values												
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1													
2				---									
3													
4													
5													
6													
7													
8													
9													
10											6		
11													
12													
13													
14													
15													
16													
17													
18										3			
19													
20													
21													
22													
23													
24													
25													
26													
27													
28													
29					---								
30					---								
31		---			---		---		---			---	
TOTAL	0	0	0	0	0	0	0	0	0	4	6	0	
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	
MAX	0	0	0	1	0	0	0	0	0	121	137	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	7	12	0	
WTR YR 2017	TOTAL		10	MEAN		0	MAX	137	MIN		0	AC_FT	19

Casandro Dam, ID #7133



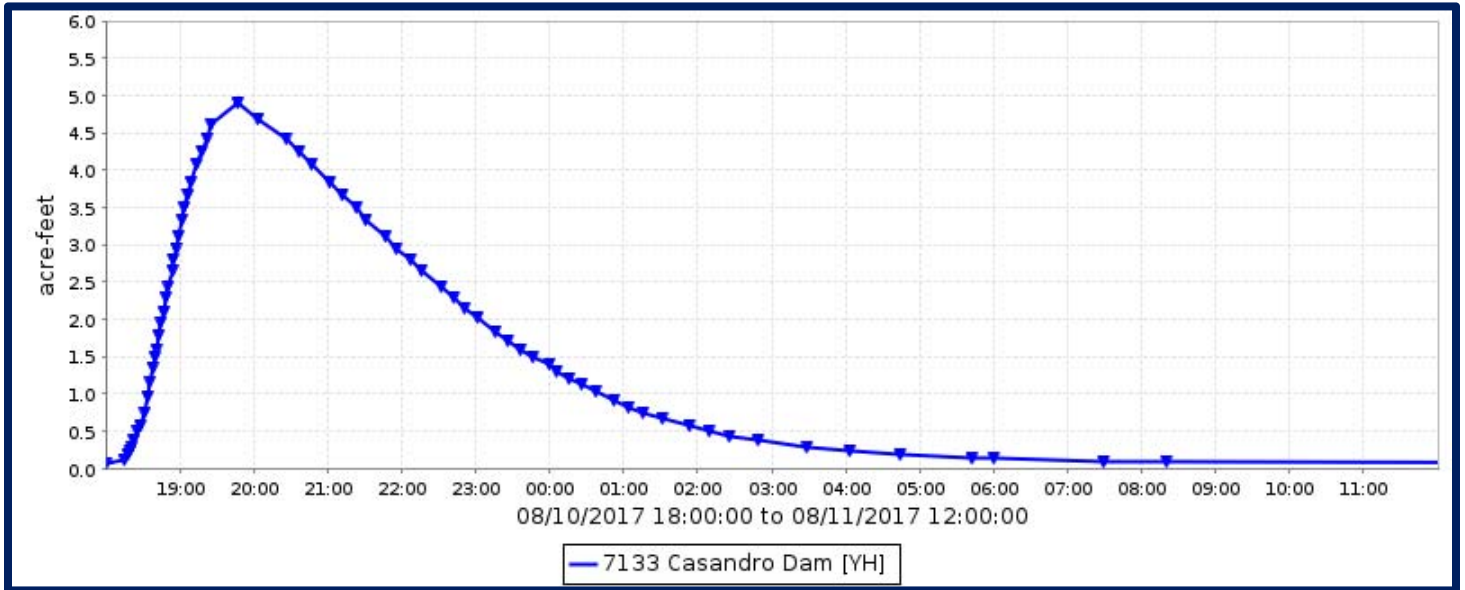
Site Data

LOCATION	In Wickenburg north and west of US 60 and Mariposa Avenue
DRAINAGE AREA	1.2 mi ²
STREAM TYPE	Dam of natural drainage
JURISDICTION	Wickenburg, Arizona
WATERSHED	Lower Hassayampa
SECTION/TOWNSHIP/RANGE	S11 T7N R5W
LATITUDE	N 33° 58' 02.8" +33.96744
LONGITUDE	W 112° 44' 54.7" -112.74853
STREAMGAGE INSTALLATION DATE	08/15/1996 - WY 1996
AVAILABLE PERIOD OF RECORD (POR)	08/15/1996 - Current
LENGTH OF AVAILABLE POR DATA	21.13 Years 7,717 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.19 feet Gage Height
STAFF GAGES	5
ZERO GAGE HEIGHT ELEVATION	2,136.66 feet NAVD 1988
POINT OF ZERO FLOW	0.00 feet Gage Height
SPILLWAY ELEVATION	20.34 feet Gage Height
TOP OF DAM ELEVATION	28.75 feet Gage Height

WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
07/18/2017	1.11	0.5	0.5
08/10/2017	4.43	4.9	4.1

Hydrograph of peak WY 2017 impoundment event, 08/10/2017



Casandro Dam, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values														
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP			
1							---								
2				---			---								
3															
4															
5															
6															
7															
8															
9															
10											2				
11											1				
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	0	3	0			
MEAN	0	0	0	0	0	0	0	0	0	0	0	0			
MAX	0	0	0	0	0	0	0	0	0	3	12	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	6	0			
WTR YR 2017	TOTAL		3	MEAN		0	MAX		12	MIN		0	AC_FT		6

Casandro Dam, volume data

Volume, in acre-feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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												
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	1	5	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2017	MEAN		0	MAX	5	MIN	0					

Casandro Dam, stage data

Depth, in feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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
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	0.9	0.2
11	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.4	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	0.3	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	---
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	0.2	0.2	0.2	1.1	4.4	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 2017	MEAN	0.19	MAX	4.43	MIN	0.19						

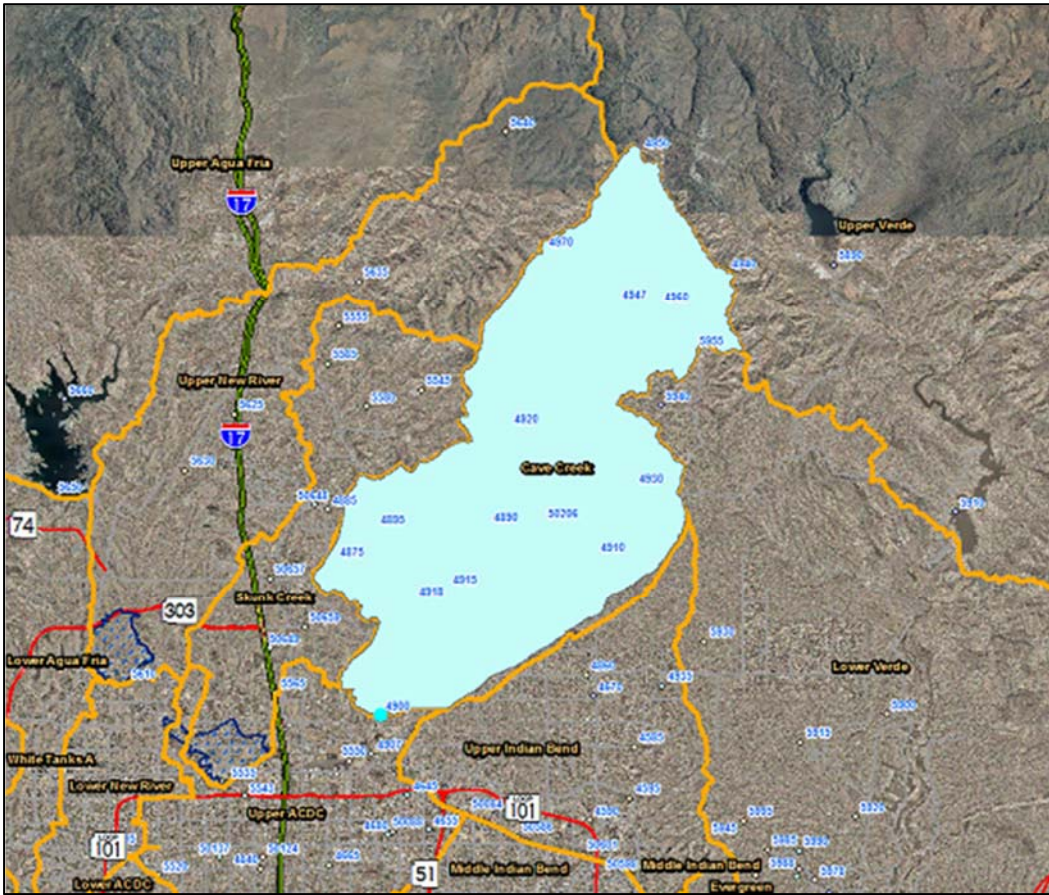
Cave Buttes Dam Pool, ID #4904



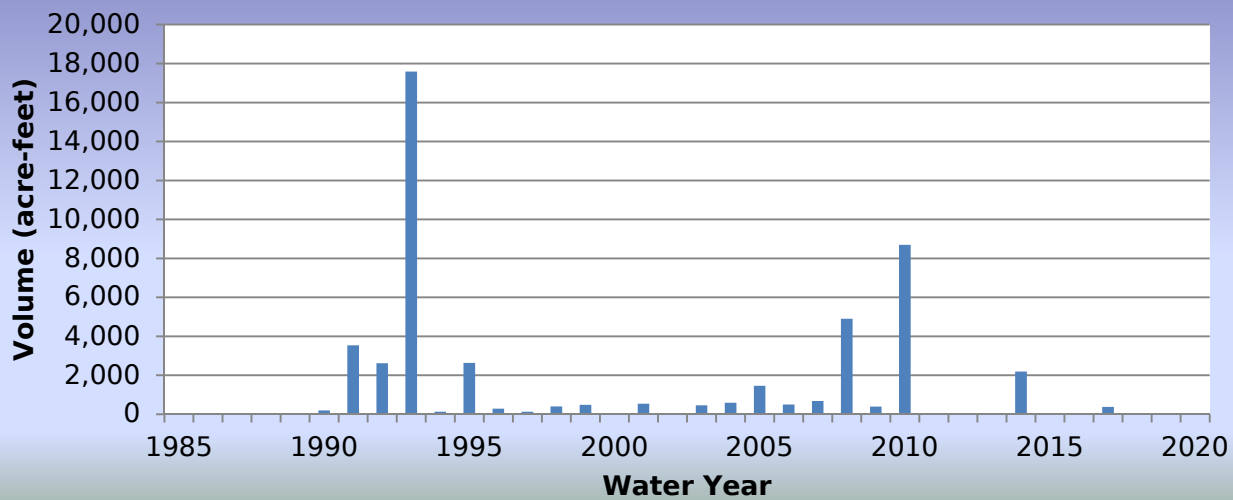
Site Data

LOCATION	Located about 1 mile west of Cave Creek Road and 1/2 mile south of Jomax Road
DRAINAGE AREA	191 mi ²
STREAM TYPE	Dam on natural drainage
JURISDICTION	Phoenix, Arizona
WATERSHED	Cave Creek
SECTION/TOWNSHIP/RANGE	S03 T4N R3E
LATITUDE	N 33° 43' 01.3" +33.71702
LONGITUDE	W 112° 02' 40.2" -112.04451
STREAMGAGE INSTALLATION DATE	01/25/1984 - WY 1984
AVAILABLE PERIOD OF RECORD (POR)	10/01/1987 - Current
LENGTH OF AVAILABLE POR DATA	30.00 Years 10,958 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	1.90 feet Gage Height
STAFF GAGES	24
ZERO GAGE HEIGHT ELEVATION	1,562.00 feet NAVD 1988
POINT OF ZERO FLOW	0.00 feet Gage Height
SPILLWAY ELEVATION	97.1 feet Gage Height
TOP OF DAM ELEVATION	119.1 feet Gage Height

Watershed Map



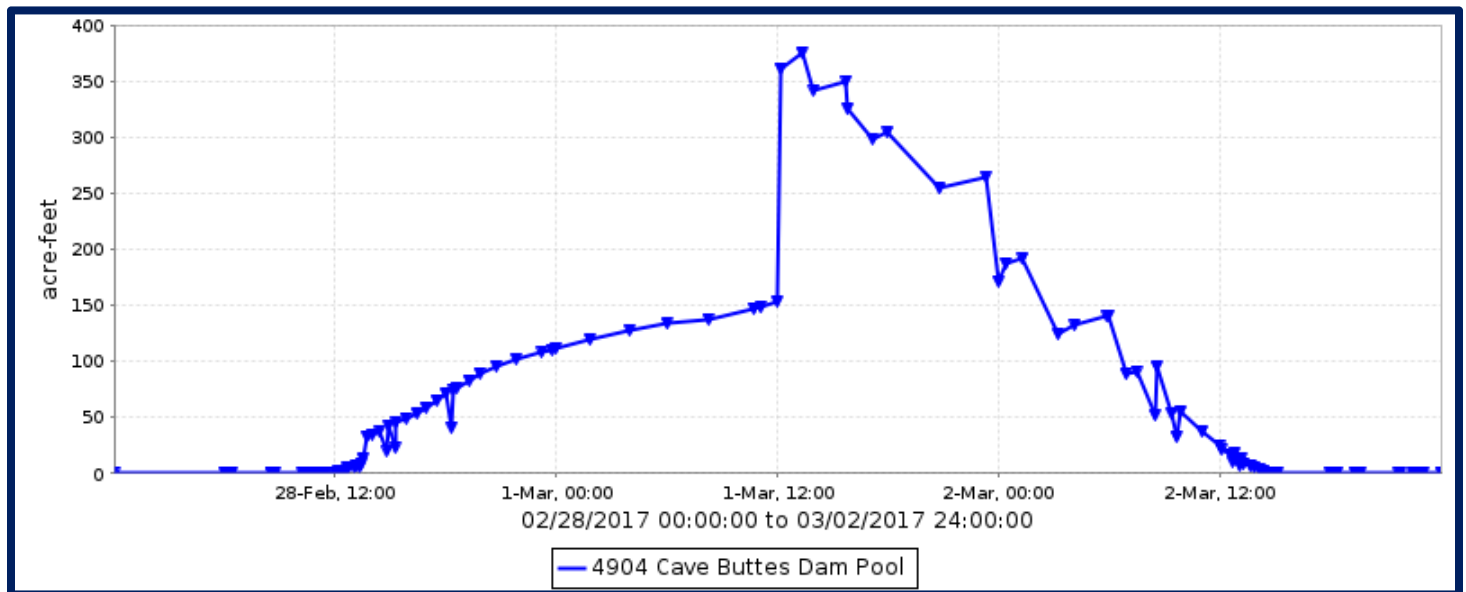
Cave Buttes Dam Pool - water year peaks



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
12/22/2016	2.76	0.0	0.0
01/01/2017	5.71	2.1	0.0
01/21/2017	16.19	216.4	0.5
03/01/2017	18.87	374.5	0.8

Hydrograph of peak WY 2017 impoundment event, 03/01/2017



Cave Buttes Dam Pool, volume data

Volume, in acre-feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1						217						
2						61						
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21				108								
22				75								
23												
24												
25												
26												
27												
28					31							
29					---							
30					---							
31		---			---		---		---			---
MEAN	0	0	0	6	1	9	0	0	0	0	0	0
MAX	0	0	0	216	110	375	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2017	MEAN		1	MAX	375	MIN	0					

Cave Buttes Dam Pool, stage data

Depth, in feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.9	1.9	1.9	2.7	1.9	16.0	1.9	1.9	1.9	1.9	1.9	1.9
2	1.9	1.9	1.9	1.9	1.9	8.6	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	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	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	1.9	1.9	1.9
7	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
8	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	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	1.9	1.9	1.9
15	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
16	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
17	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
18	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
19	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	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	10.7	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
22	1.9	1.9	2.1	10.4	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	1.9	1.9	1.9
24	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	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	1.9
26	1.9	1.9	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	1.9
28	1.9	1.9	1.9	1.9	6.7	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	1.9
30	1.9	1.9	1.9	1.9	---	1.9	1.9	1.9	1.9	1.9	1.9	1.9
31	1.9	---	1.9	1.9	---	1.9	---	1.9	---	1.9	1.9	---
MEAN	1.9	1.9	1.9	2.5	2.1	2.6	1.9	1.9	1.9	1.9	1.9	1.9
MAX	1.9	2.0	2.8	16.2	13.8	18.9	1.9	1.9	1.9	1.9	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 2017	MEAN	2.02	MAX	18.87	MIN	1.90						

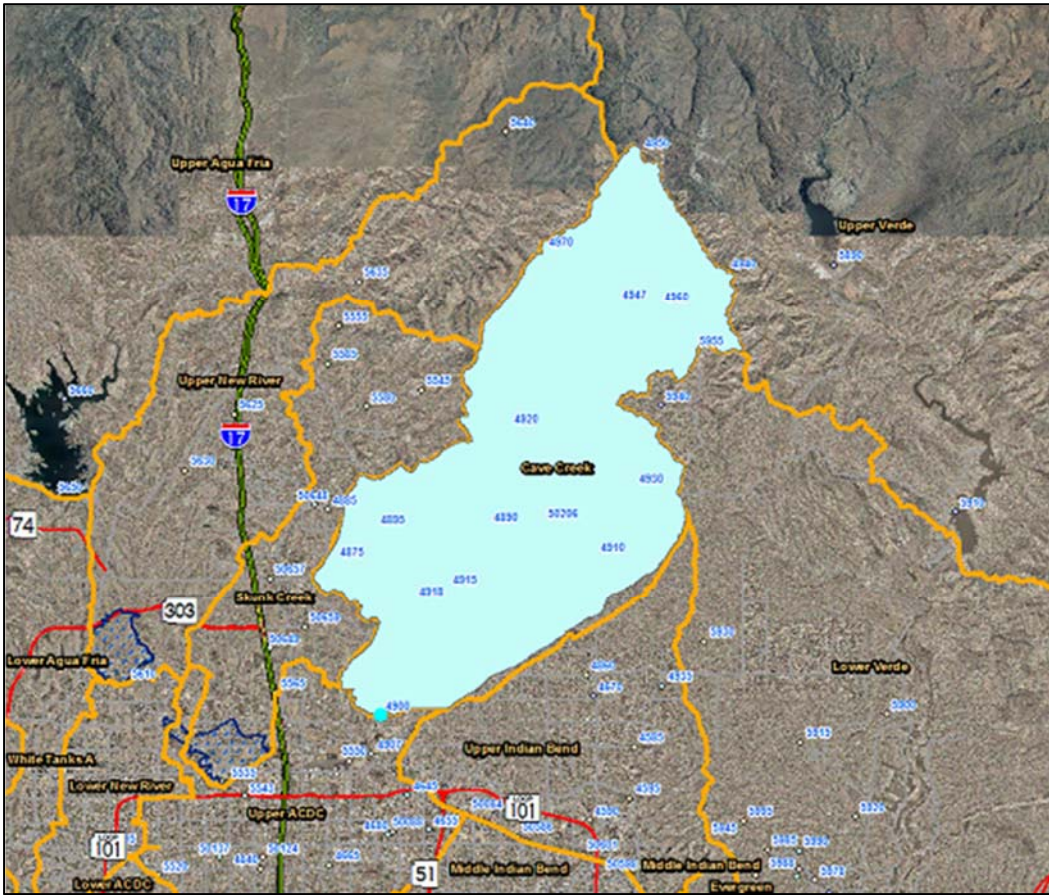
Cave Buttes Dam Outlet, ID #4903



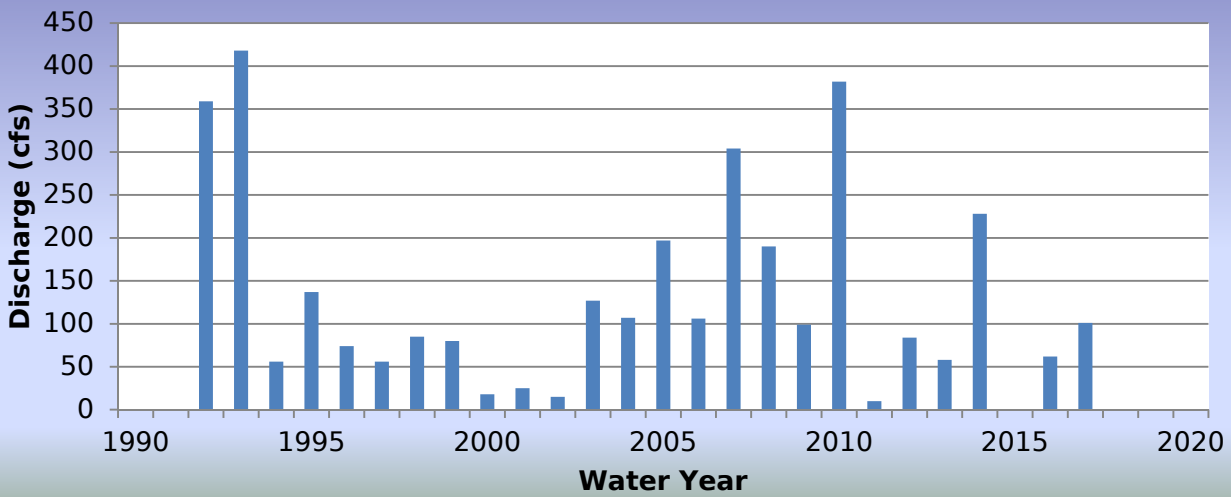
Site Data

LOCATION	Located about 1 mile west of Cave Creek Road and 1/2 mile south of Jomax Road
DRAINAGE AREA	191 mi ²
STREAM TYPE	Engineered Channel
JURISDICTION	Phoenix, Arizona
WATERSHED	Upper ACDC
SECTION/TOWNSHIP/RANGE	S03 T4N R3E
LATITUDE	N 33° 43' 01.3" +33.71702
LONGITUDE	W 112° 02' 40.2" -112.04451
STREAMGAGE INSTALLATION DATE	01/25/1984 - WY 1984
AVAILABLE PERIOD OF RECORD (POR)	07/30/1992 - Current
LENGTH OF AVAILABLE POR DATA	25.17 Years 9,194 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	1.33 feet Gage Height
STAFF GAGES	1
ZERO GAGE HEIGHT ELEVATION	1,558.80 feet NAVD88
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	418 cfs 5.19 feet 01/11/1993

Watershed Map



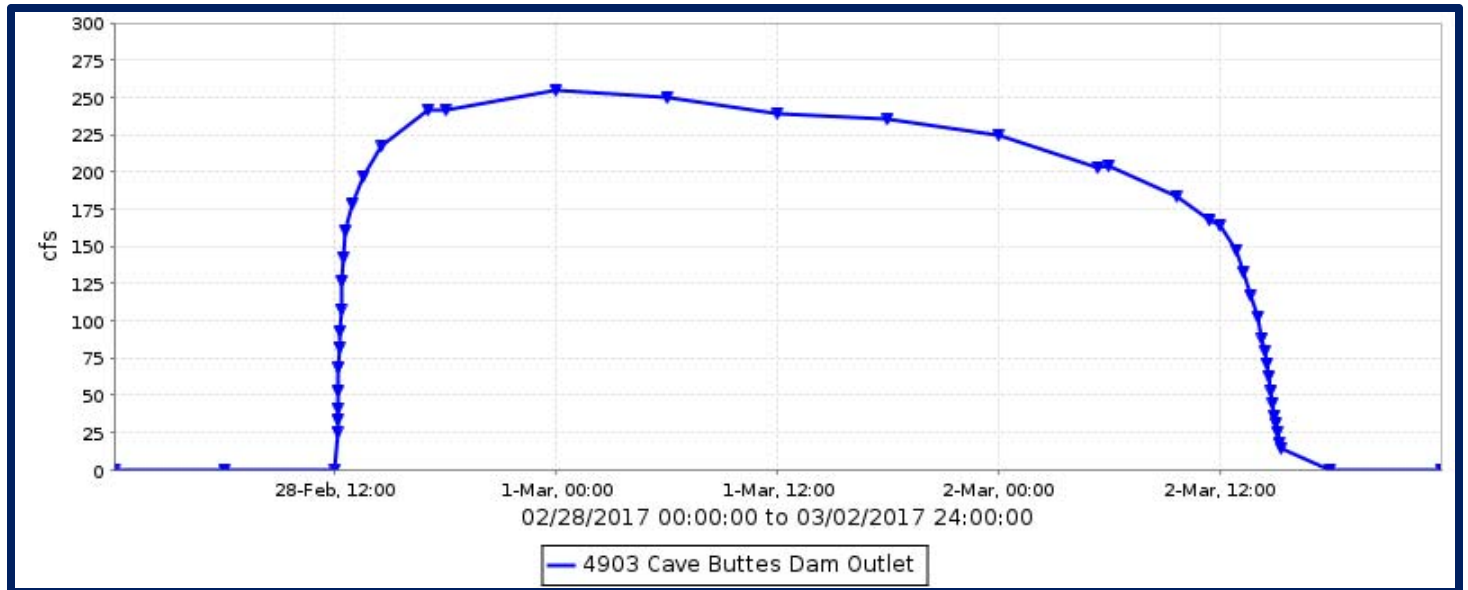
Cave Buttes Dam Outlet - water year peaks



WY2017 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
12/22/2016	3.21	109
01/01/2017	3.55	142
01/21/2017	4.30	231
03/01/2017	4.46	255

Hydrograph of peak WY 2017 flow event, 03/01/2017



Flood Flow Frequency

Flows past this gage are regulated by Cave Buttes Dam directly upstream. Flood Flow Frequency is therefore not valid.

Cave Buttes Dam Outlet, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				36		245						
2						122						
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21				160								
22			21	153								
23												
24												
25												
26												
27												
28					110							
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	21	349	110	367	0	0	0	0	0	0
MEAN	0	0	1	11	4	12	0	0	0	0	0	0
MAX	0	0	109	231	242	250	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	42	693	218	727	0	0	0	0	0	0
WTR YR 2017	TOTAL		847	MEAN	2	MAX	255	MIN	0	AC_FT	1680	

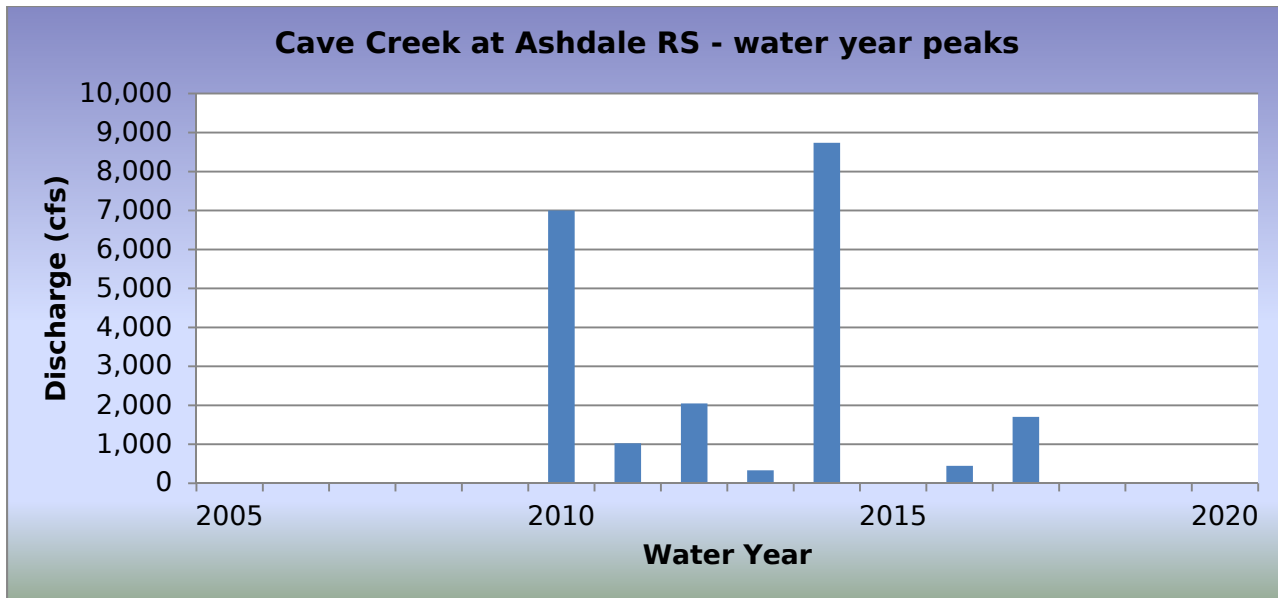
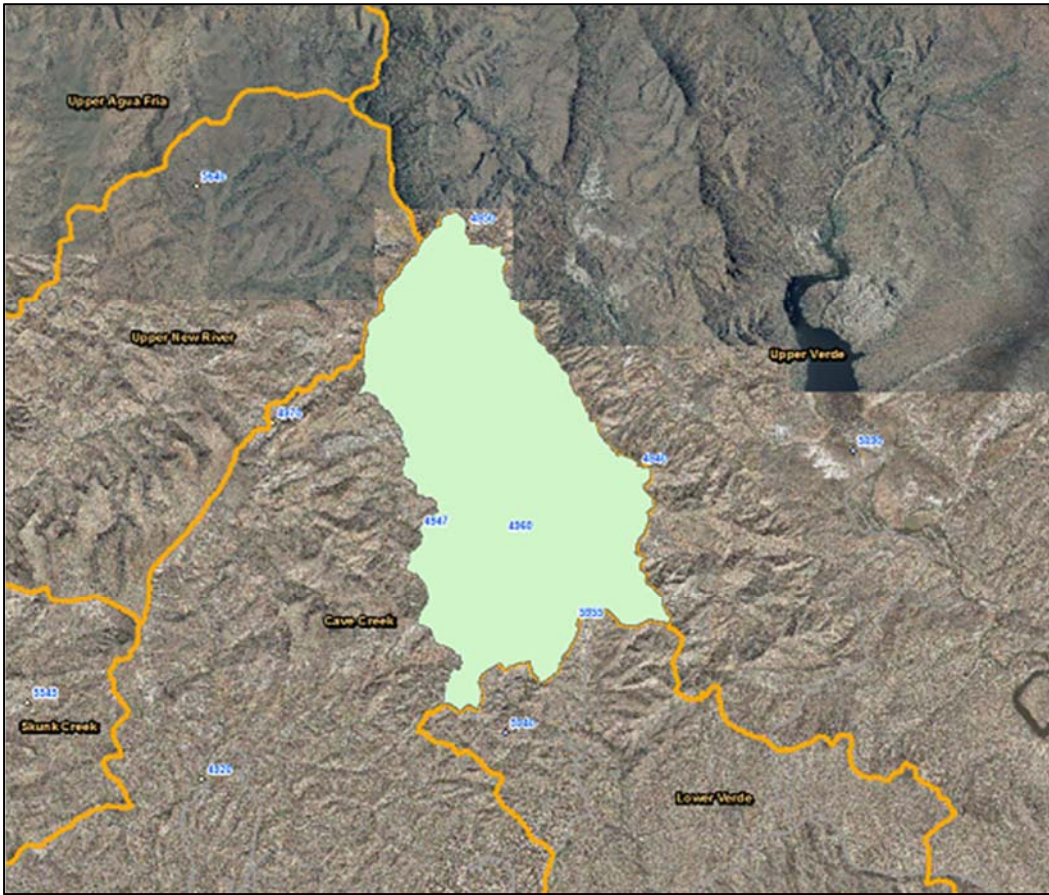
Cave Creek at Ashdale RS, ID #4947



Site Data

LOCATION	About 1 mile west of the Seven Springs Campgrounds
DRAINAGE AREA	33 mi ²
STREAM TYPE	Natural Stream
JURISDICTION	Maricopa County, Arizona
WATERSHED	Cave Creek
SECTION/TOWNSHIP/RANGE	S07 T7N R5E
LATITUDE	N 33° 57' 44.2" +33.96228
LONGITUDE	W 111° 52' 33.8" -111.87605
STREAMGAGE INSTALLATION DATE	02/25/2009 - WY 2009
AVAILABLE PERIOD OF RECORD (POR)	02/25/2009 - Present
LENGTH OF AVAILABLE POR DATA	8.60 Years 3,140 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	2.20 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	3,250.00 feet NGVD 1929
POINT OF ZERO FLOW	0.3 feet Gage Height
EXTREME FOR PERIOD OF RECORD	8,735 cfs 11.24 feet GH 08/19/2014

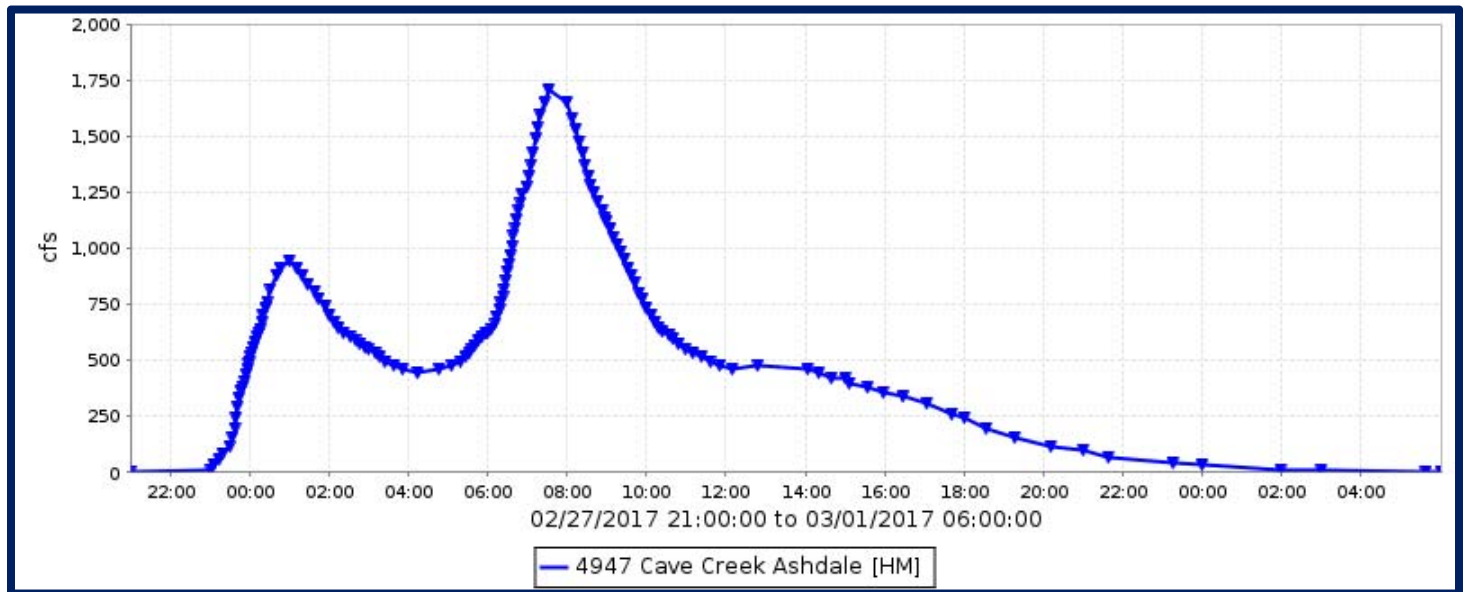
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
01/01/2017	2.09	255
01/21/2017	6.30	1,448
01/24/2017	1.46	28
02/19/2017	2.34	344
02/28/2017	6.77	1,702
07/18/2017	2.56	390

Hydrograph of peak WY 2017 flow event, 02/28/2017



Flood Flow Frequency

There is not enough data to compute a flood flow frequency for this gage station.

Cave Creek at Ashdale RS, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				25		4						
2												
3										1		
4										1		
5										1		
6										2		
7												
8										1	1	
9											1	
10											1	
11								1				
12								1				
13								1				
14												
15												
16												
17										1		
18								1		20	1	
19					151			1			1	
20				139	2			1				
21				375				1				
22				1				1				
23				2				1				
24				7				1			1	
25											1	
26								1		1	1	
27					7			1		1	1	
28					532			1			1	
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	550	692	4	0	13	0	31	13	0
MEAN	0	0	0	18	25	0	0	0	0	1	0	0
MAX	0	0	0	1448	1702	10	0	3	0	390	3	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	1090	1373	7	0	26	0	61	25	0
WTR YR 2017	TOTAL	1302	MEAN	4	MAX	1702	MIN	0	AC_FT	2583		

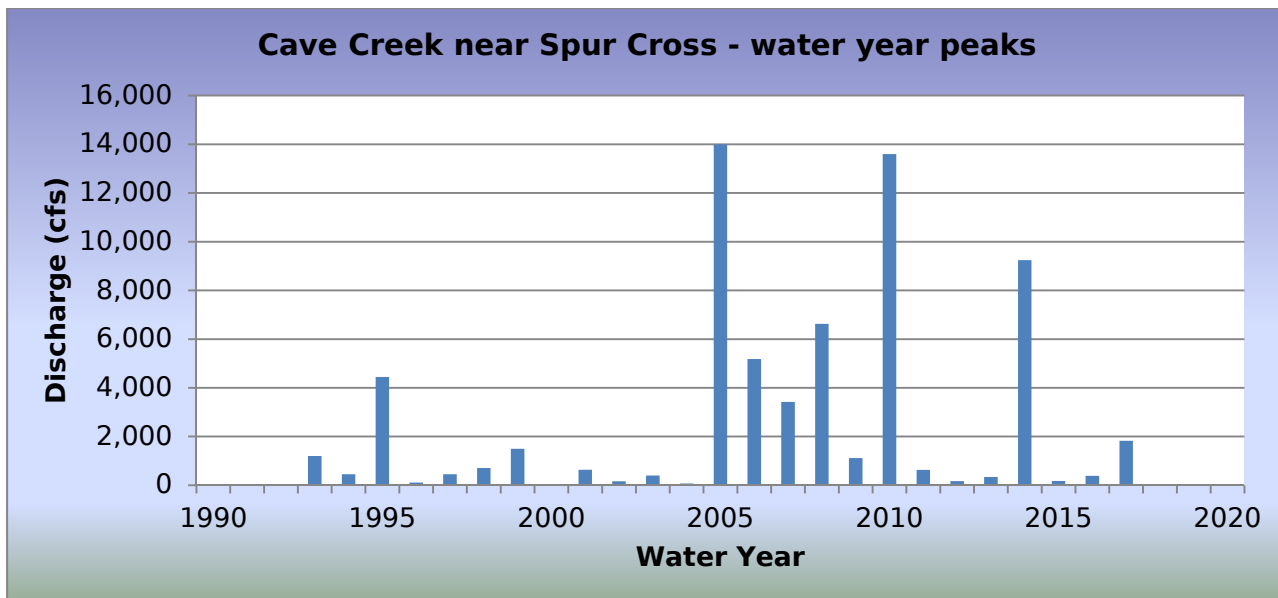
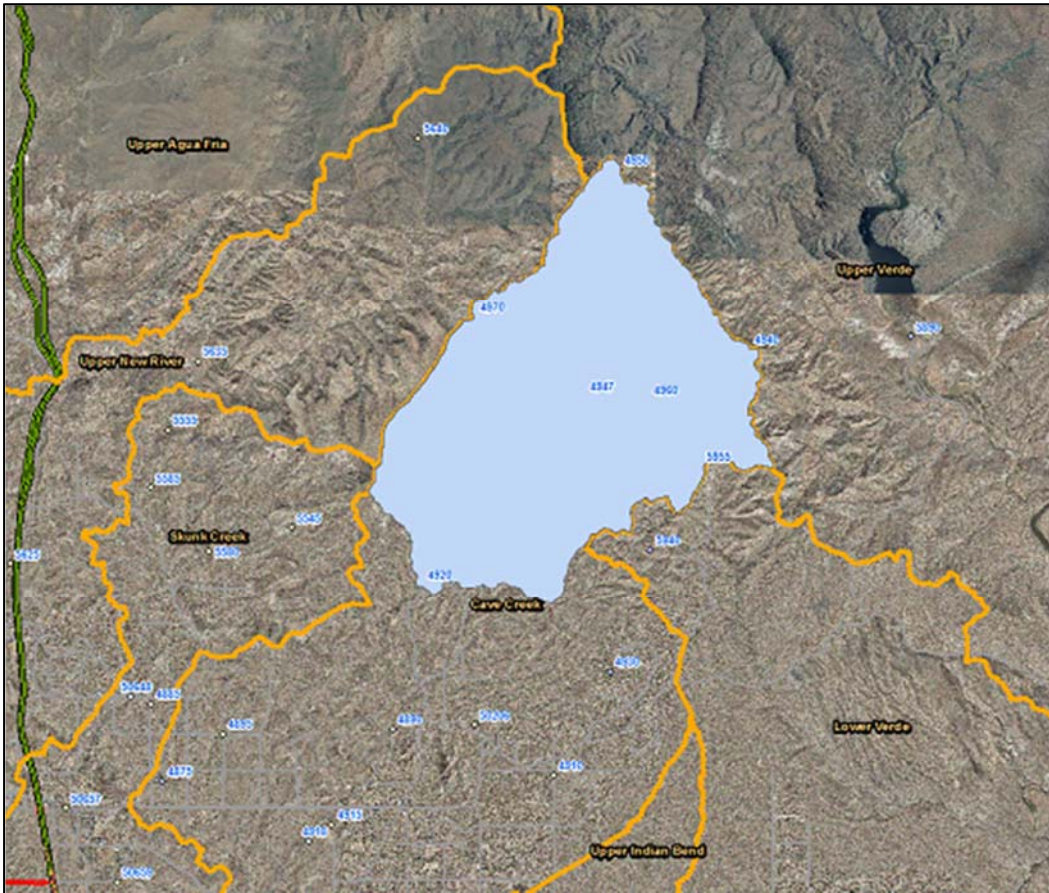
Cave Creek at Spur Cross, ID #4923



Site Data

LOCATION	Near the Spur Cross Conservation Area
DRAINAGE AREA	72.9 mi ²
STREAM TYPE	Natural Stream
JURISDICTION	Cave Creek, Arizona
WATERSHED	Cave Creek
SECTION/TOWNSHIP/RANGE	S04 T6N R4E
LATITUDE	N 33° 53' 16.6" +33.88793
LONGITUDE	W 111° 57' 12.8" -111.95355
STREAMGAGE INSTALLATION DATE	06/16/1993 - WY 1993
AVAILABLE PERIOD OF RECORD (POR)	06/16/1993 - Current
LENGTH OF AVAILABLE POR DATA	24.29 Years 8,873 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	2.37 feet Gage Height
STAFF GAGES	2
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	0.00 feet Gage Height
POINT OF ZERO FLOW	2.3 feet Gage Height
EXTREME FOR PERIOD OF RECORD	14,000 cfs 16.40 feet 09/03/2005

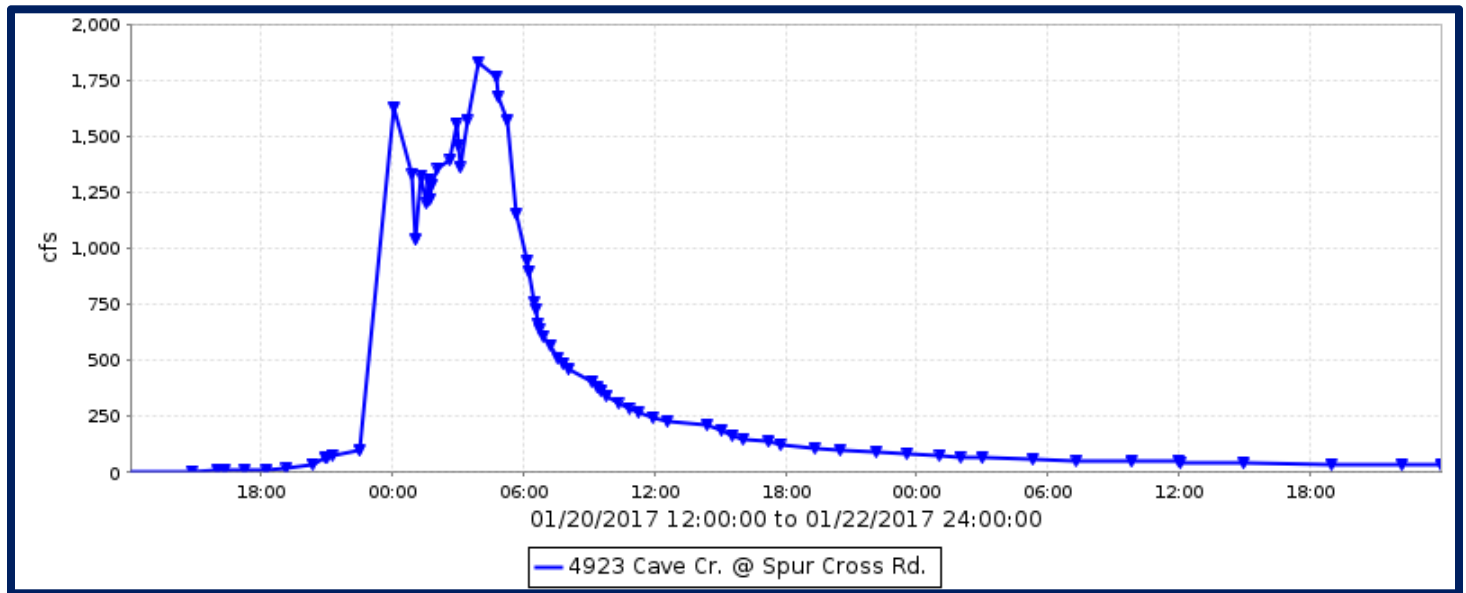
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
01/21/2017	7.78	1,827
02/19/2017	4.90	272
02/28/2017	7.63	1,720

Hydrograph of peak WY 2017 flow event, 01/21/2017



Flood Flow Frequency

Flood Flow Frequency N=37, HEC-WRC computation (based on 37 years of data)					
2-year	5-year	10-year	20-year	50-year	100-year
870	3,260	6,380	11,000	20,300	30,200

Cave Creek at Spur Cross, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			---	1	4	5	2	---				
2				8	3		2	---				
3				9	3		2					
4				4	3		2	---				
5					3		2					
6					3		---					
7					3	1	2					
8					2	---	2					
9					2	4	2					
10					2	6	---	---				
11					2	6	---	---				
12					2	5	1	---				
13		---			2	---	1	---				
14		---			2	5	1	---				
15		---			2	5	1	---				
16					2	5	1					
17					2	4	1					
18					3	4	1					
19		---			122	4	1					
20				13	52	---	1					
21		---		556	26	4	---					
22			1	46	17	3	1					
23				24	14	4	1					
24		---	1	40	11	4	---					
25				22	9	---						
26				16	8	3						
27				14	9	3						
28		---		10	318	3						
29				8	---	3						
30				---	---	3						
31		---	1	5	---	---	---		---			---
TOTAL	0	0	3	783	631	103	36	0	0	1	1	0
MEAN	0	0	0	25	23	3	1	0	0	0	0	0
MAX	0	0	15	1827	1720	17	3	0	0	0	0	0
MIN	0	0	0	0	2	0	0	0	0	0	0	0
AC_FT	0	0	6	1554	1252	205	71	0	0	1	1	1
WTR YR 2017	TOTAL	1558	MEAN	4	MAX	1827	MIN	0	AC_FT	3091		

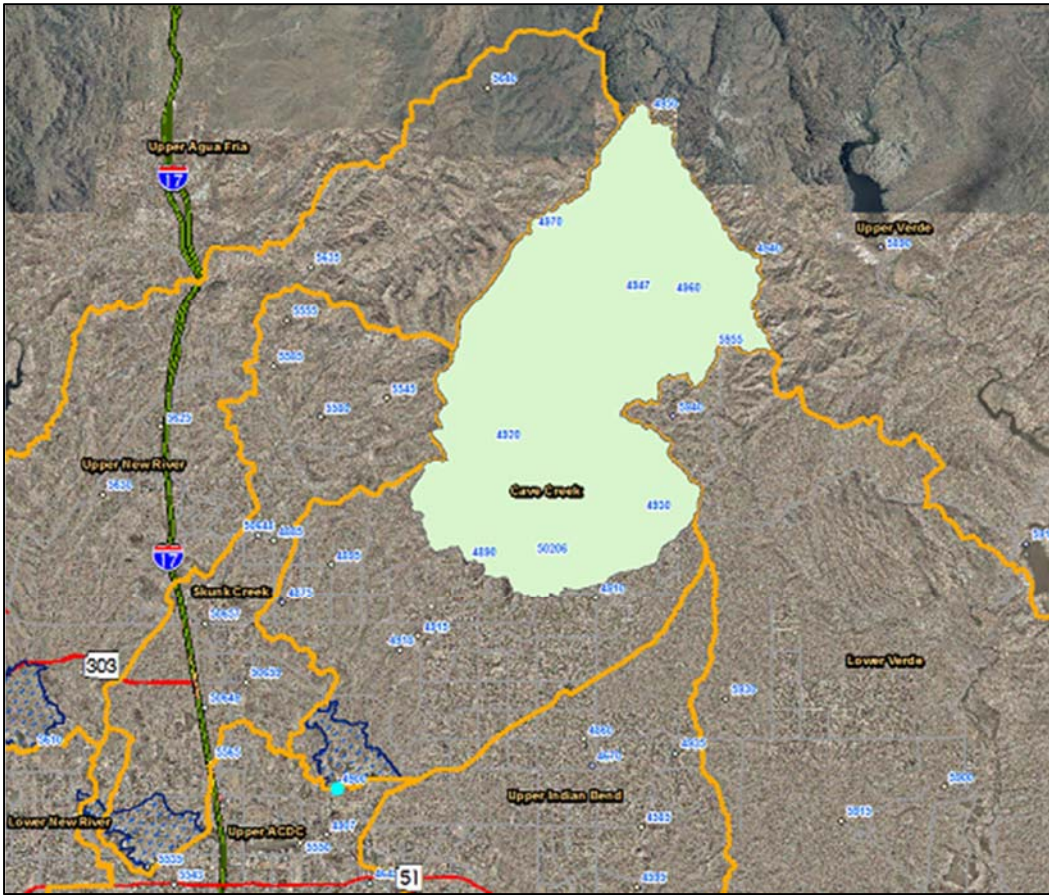
Cave Creek, ID #4893



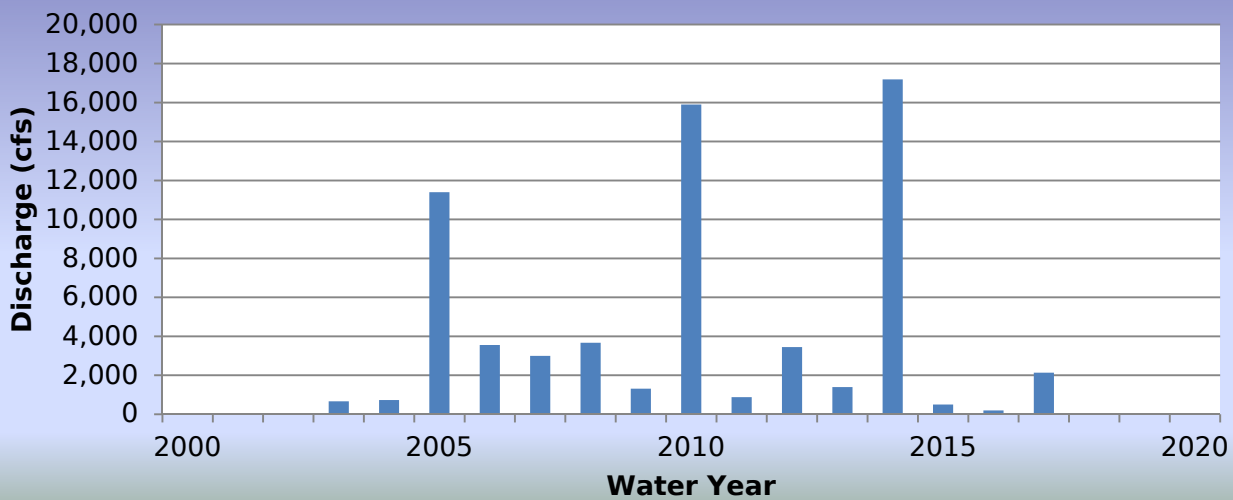
Site Data

LOCATION	In Cave Creek near Rancho Manana
DRAINAGE AREA	115.8 mi ²
STREAM TYPE	Natural Stream
JURISDICTION	Cave Creek, Arizona
WATERSHED	Cave Creek
SECTION/TOWNSHIP/RANGE	S29 T6N R4E
LATITUDE	N 33° 49' 48.9" +33.83024
LONGITUDE	W 111° 58' 04.0" -111.96778
STREAMGAGE INSTALLATION DATE	05/28/2003 - WY 2002
AVAILABLE PERIOD OF RECORD (POR)	05/28/2003 - Current
LENGTH OF AVAILABLE POR DATA	14.35 Years 5,240 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.25 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,989.89 feet NAVD 1988
POINT OF ZERO FLOW	0.00 feet Gage Height
EXTREME FOR PERIOD OF RECORD	17,190 cfs 12.75 feet 08/19/2014

Watershed Map



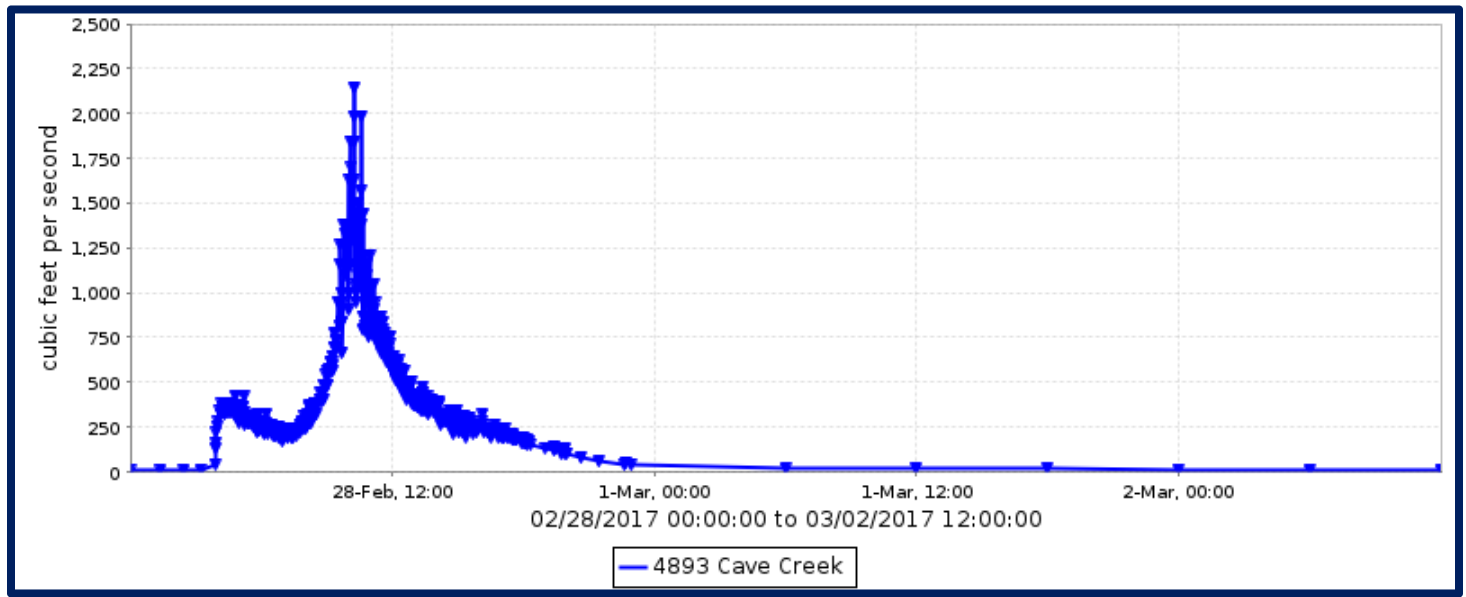
Cave Creek - water year peaks



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
01/21/2017	5.17	998
02/28/2017	6.05	2,138

Hydrograph of peak WY 2017 flow event, 02/28/2017



Flood Flow Frequency

Flood Flow Frequency N=15, HEC-WRC computation (based on 15 years of data)					
2-year	5-year	10-year	20-year	50-year	100-year
2,030	6,130	11,000	17,700	30,400	43,700

Cave Creek, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1						21						
2						8						
3						4						
4						4						
5						4						
6						3						
7						3						
8						3						
9						2						
10						2						
11						1						
12						1						
13						1						
14						1						
15												
16						1						
17												
18												
19					40							
20				2	13							
21				223	6							
22			1	8	4							
23				4	3							
24				5	1							
25				3								
26				2								
27				1	1							
28					282							
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	1	248	350	60	0	0	0	0	0	0
MEAN	0	0	0	8	12	2	0	0	0	0	0	0
MAX	0	0	13	998	2138	17	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	1	0	2	493	693	119	0	0	0	0	0	0
WTR YR 2017	TOTAL	660	MEAN	2	MAX	2138	MIN	0	AC_FT	1308		

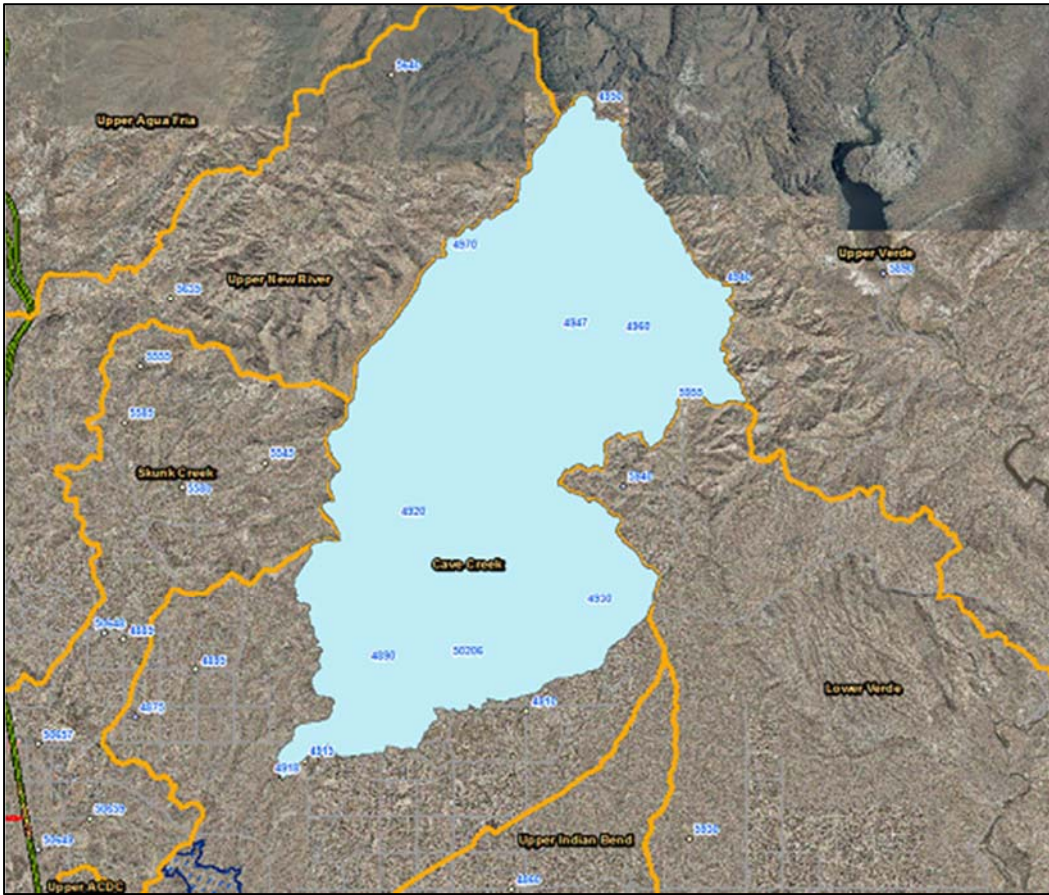
Cave Creek near Cave Creek, ID #4918



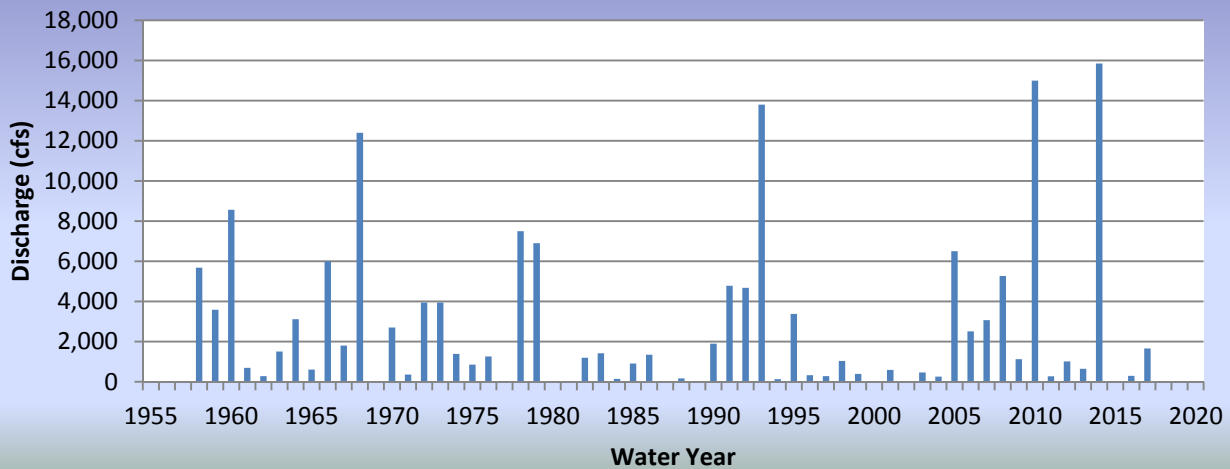
Site Data

LOCATION	About 1 mile south of Carefree Highway
DRAINAGE AREA	123.4 mi ²
STREAM TYPE	Natural Stream
JURISDICTION	Phoenix, Arizona
WATERSHED	Cave Creek
SECTION/TOWNSHIP/RANGE	S12 T5N R3E
LATITUDE	N 33° 47' 09.0" +33.78582
LONGITUDE	W 112° 00' 26.1" -112.00726
STREAMGAGE INSTALLATION DATE	05/27/1994 - WY 1994 (USGS gaged since 1958)
AVAILABLE PERIOD OF RECORD (POR)	05/27/1994 - Current
LENGTH OF AVAILABLE POR DATA	23.35 Years 8,528 Days
DATA GAPS IN POR	11/30/2009 - 06/16/2010 09/08/2013 - 10/28/2013
STAGE GAGE ELEVATION	0.00 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,802.15 feet NAVD 1988
POINT OF ZERO FLOW	0.00 feet Gage Height
EXTREME FOR PERIOD OF RECORD (FCD)	15,850 cfs 10.65 feet 08/19/2014
EXTREME FOR PERIOD OF RECORD (USGS)	13,800 cfs 10.7 feet 01/08/1993

Watershed Map



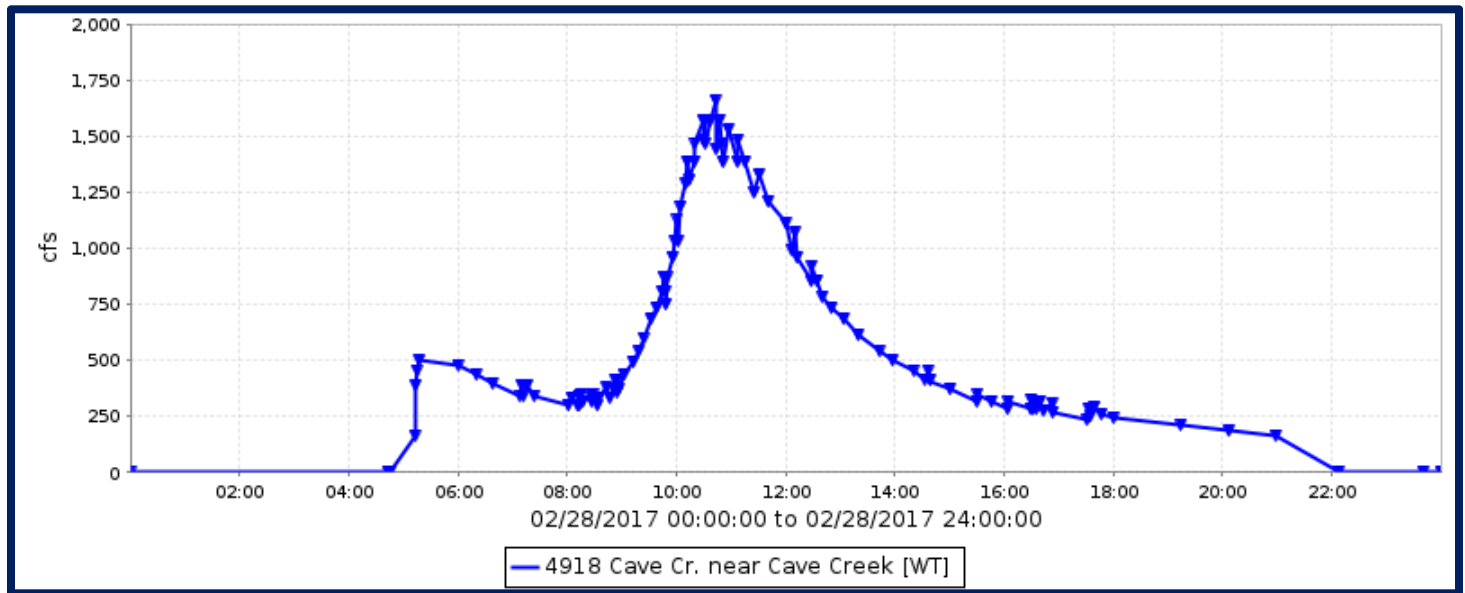
Cave Creek near Cave Creek - water year peaks



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
01/21/2017	3.10	1,206
02/19/2017	1.15	215
02/28/2017	3.64	1,659

Hydrograph of peak WY 2017 flow event, 02/28/2017



Flood Flow Frequency

Flood Flow Frequency N=59, HEC-WRC computation (based on 59 years of data)					
2-year	5-year	10-year	20-year	50-year	100-year
1,200	3,940	7,200	11,700	20,100	28,600

Cave Creek near Cave Creek, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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					22							
20												
21				300								
22												
23												
24												
25												
26												
27												
28					357							
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	300	379	0	0	0	0	0	0	0
MEAN	0	0	0	10	14	0	0	0	0	0	0	0
MAX	0	0	0	1206	1659	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	595	751	0	0	0	0	0	0	0
WTR YR 2017	TOTAL	679	MEAN	2	MAX	1659	MIN	0	AC_FT	1346		

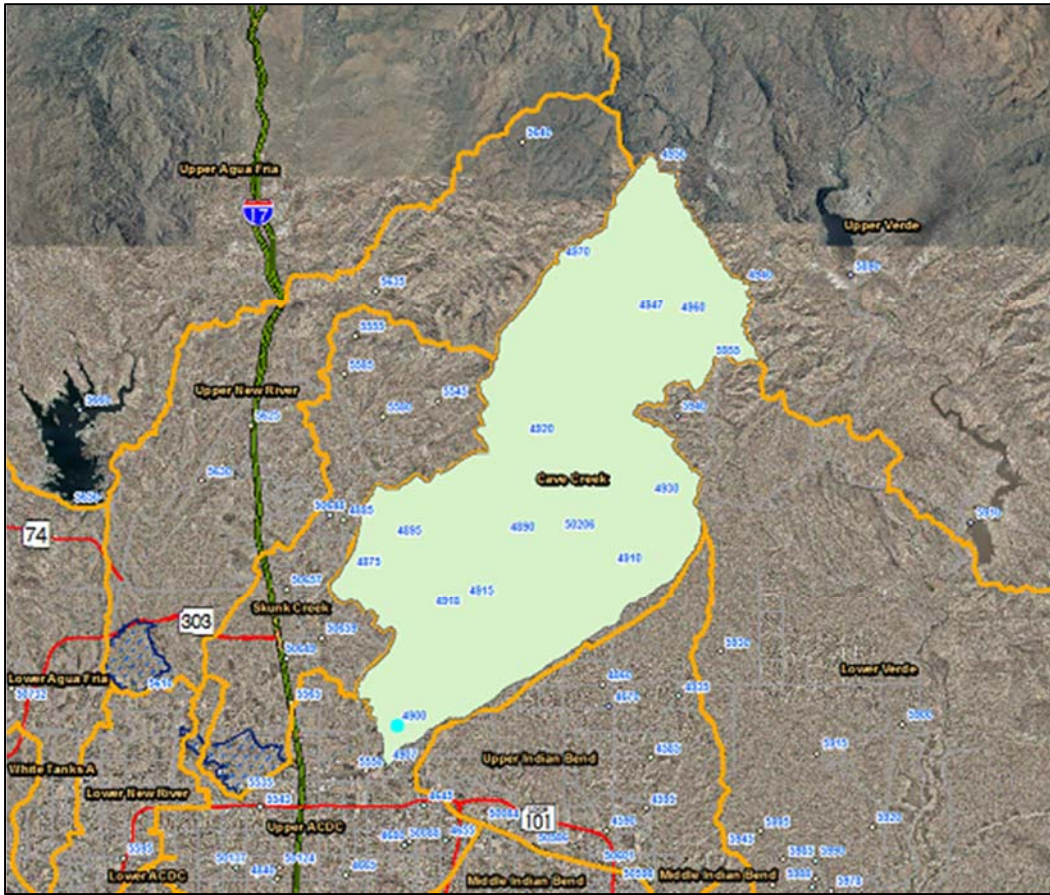
Cave Creek at CAP, ID #4907



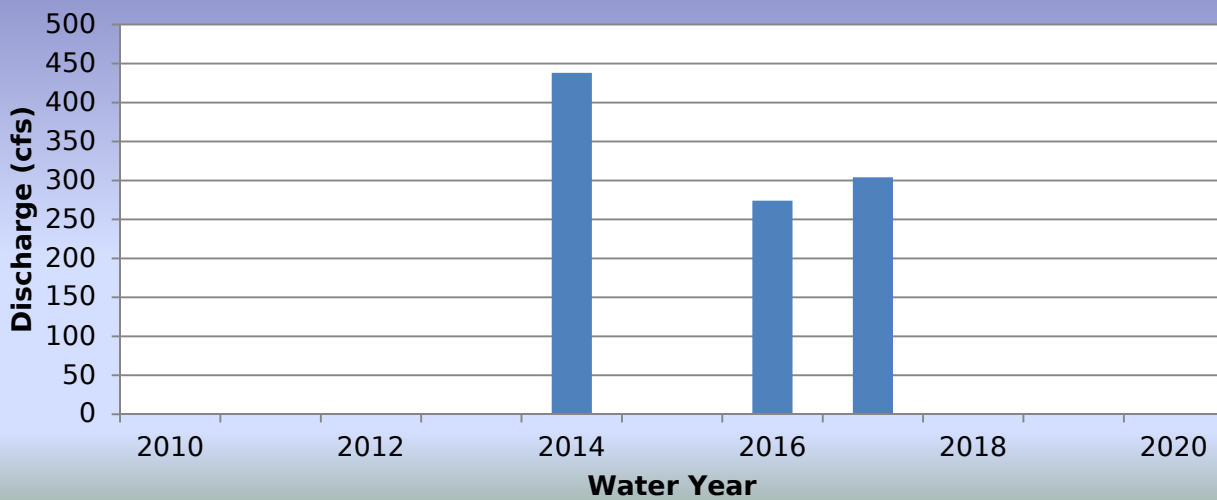
Site Data

LOCATION	Located about 1 mile downstream of Cave Buttes Dam
DRAINAGE AREA	198 mi ²
STREAM TYPE	Concrete Overchute
JURISDICTION	Phoenix, Arizona
WATERSHED	Upper ACDC
SECTION/TOWNSHIP/RANGE	S16 T4N R3E
LATITUDE	N 33° 41' 38.0" +33.69389
LONGITUDE	W 112° 03' 04.0" -112.05111
STREAMGAGE INSTALLATION DATE	04/14/2014 - WY 2014
AVAILABLE PERIOD OF RECORD (POR)	04/14/2014 - Current
LENGTH OF AVAILABLE POR DATA	3.47 Years 1,266 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.10 feet Gage Height
STAFF GAGES	None
CREST STAGE GAGES	None
ZERO GAGE HEIGHT ELEVATION	1,505.66 feet NGVD29
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	438 cfs 0.92 feet 08/20/2014

Watershed Map



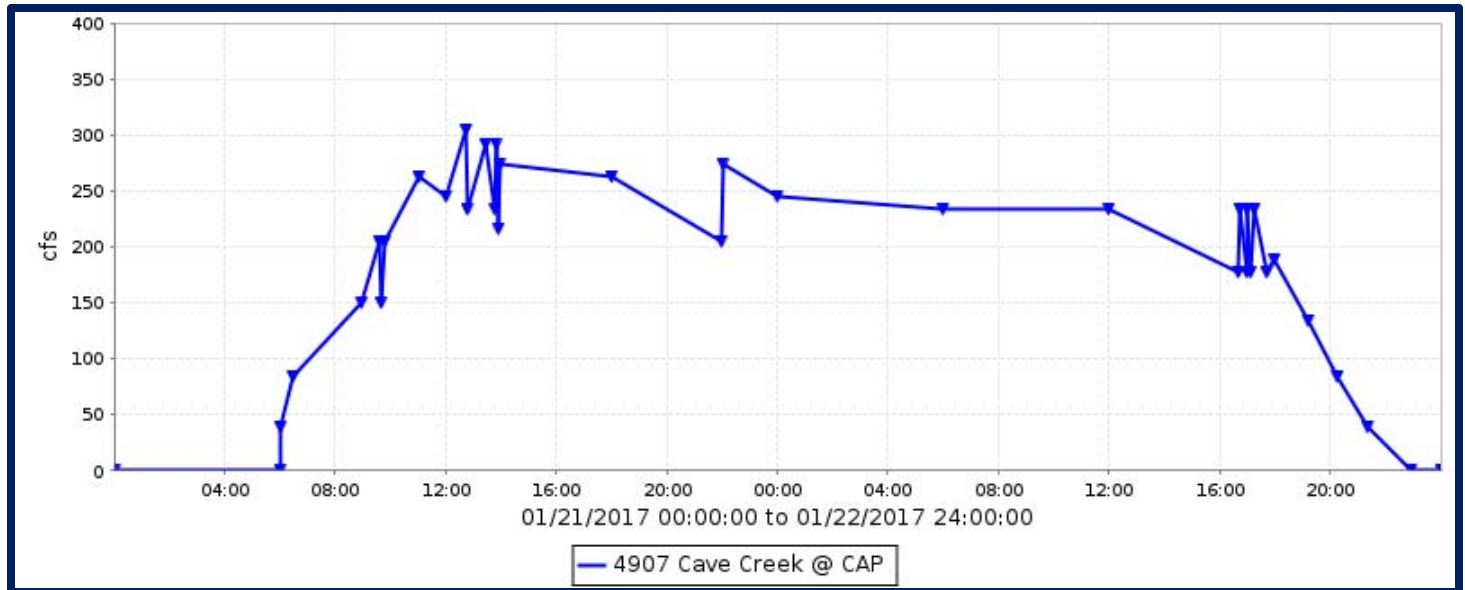
Cave Creek at CAP - water year peaks



WY2017 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
12/22/2016	0.36	108
01/01/2017	0.54	205
01/21/2017	0.71	304
02/28/2017	0.71	304

Hydrograph of peak WY 2017 flow event, 01/21/2017



Flood Flow Frequency

There is not enough data to compute a flood flow frequency for this gage station.

Cave Creek at CAP, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				46		282						
2						168						
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21				169								
22			16	198								
23			7									
24												
25												
26												
27												
28					104							
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	24	413	104	450	0	0	0	0	0	0
MEAN	0	0	1	13	4	15	0	0	0	0	0	0
MAX	0	0	108	304	304	304	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	47	819	207	893	0	0	0	0	0	0
WTR YR 2017	TOTAL		991	MEAN	3	MAX	304	MIN	0	AC_FT	1966	

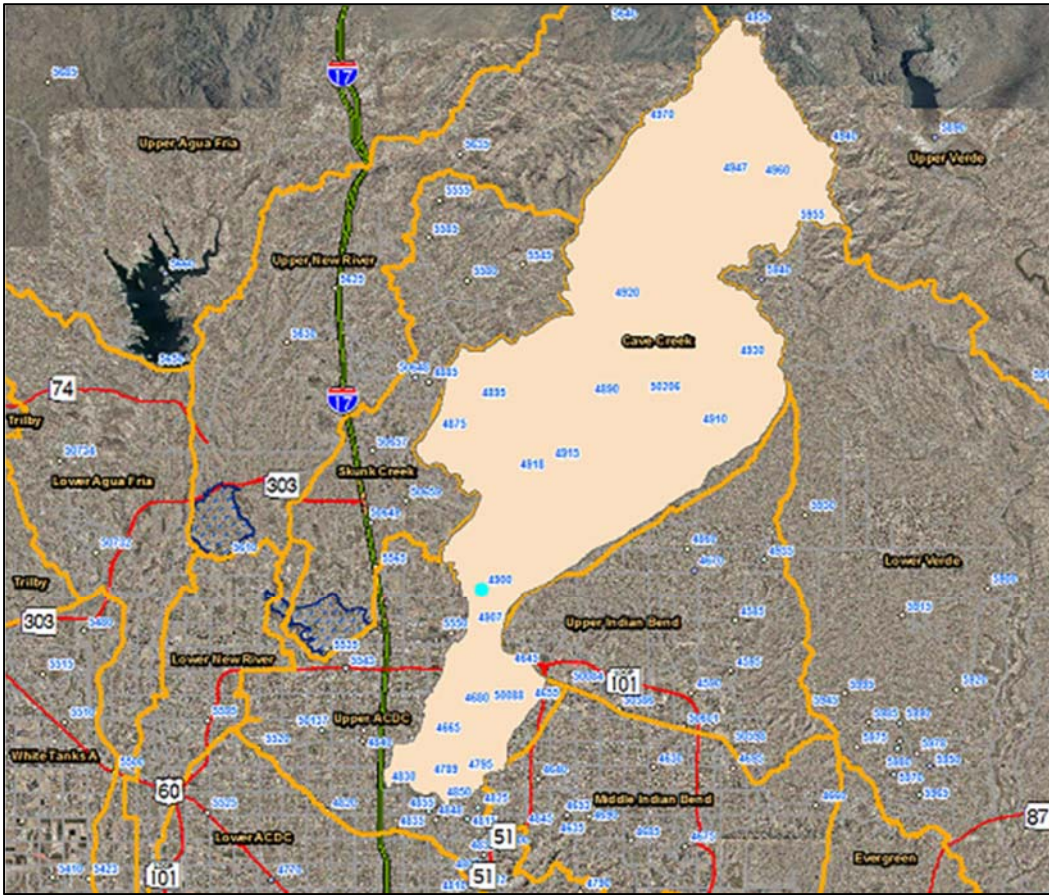
Cave Creek at Cactus Road – ID #4833



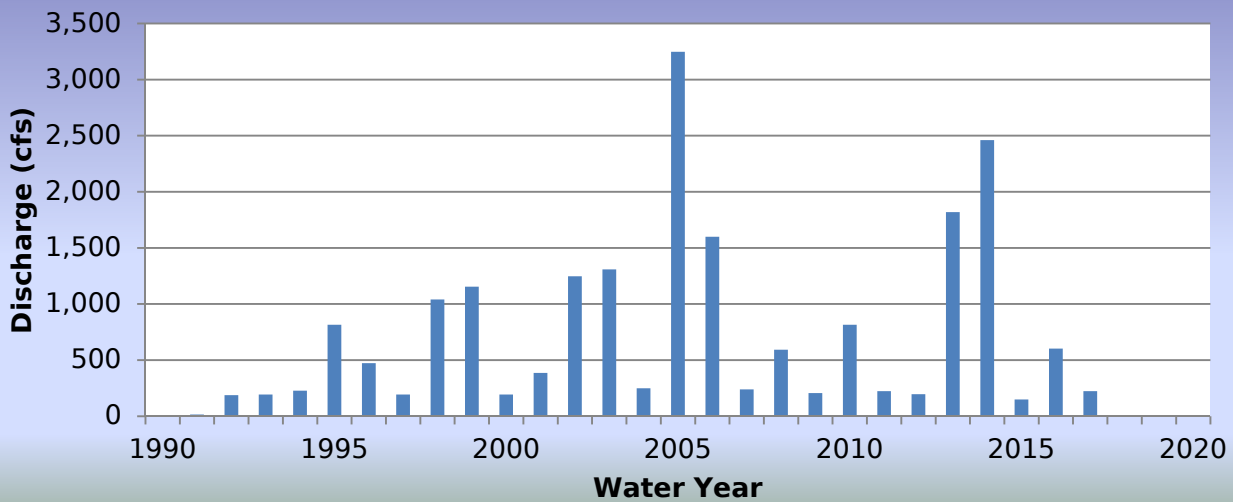
Site Data

LOCATION	Near Cactus Road and 25th Avenue
DRAINAGE AREA	33.6 mi ² below Cave Buttes Dam
STREAM TYPE	Basin / Outlet / Weir
JURISDICTION	Phoenix, Arizona
WATERSHED	Upper ACDC
SECTION/TOWNSHIP/RANGE	S13 T3N R2E
LATITUDE	N 33° 35' 58.9" +33.59969
LONGITUDE	W 112° 06' 43.2" -112.11201
STREAMGAGE INSTALLATION DATE	06/27/1991 - WY 1991
AVAILABLE PERIOD OF RECORD (POR)	06/27/1991 - Current
LENGTH OF AVAILABLE POR DATA	26.26 Years 9,593 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.80 feet Gage Height
STAFF GAGES	2
ZERO GAGE HEIGHT ELEVATION	0.00 feet Gage Height
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	3,247 cfs 12.85 feet 08/03/2005

Watershed Map



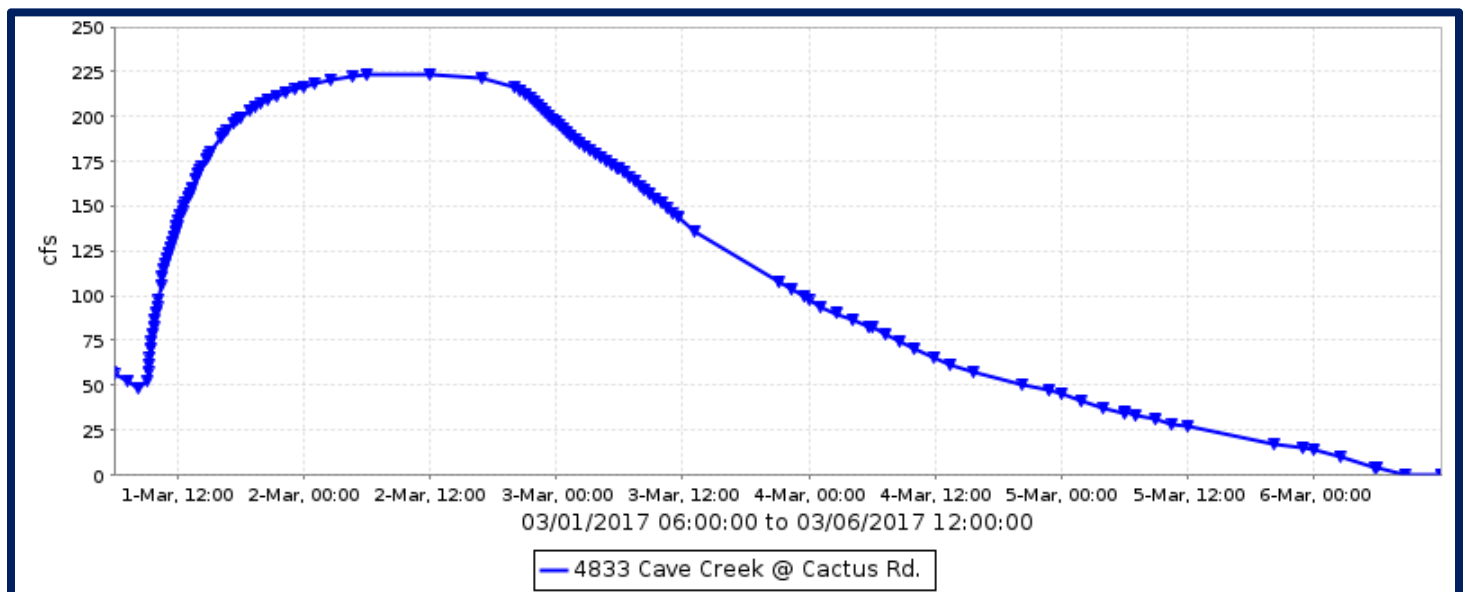
Cave Creek at Cactus - water year peaks



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
12/22/2016	7.35	197
12/24/2016	2.81	67
12/31/2016	2.21	43
01/01/2017	4.13	119
01/21/2017	3.01	75
01/22/2017	5.60	160
02/19/2017	2.96	73
02/28/2017	4.48	130
03/02/2017	8.64	223
08/24/2017	1.82	31

Hydrograph of peak WY 2017 flow event, 03/02/2017



Flood Flow Frequency

Flood Flow Frequency N=26, HEC-WRC computation (based on 26 years of data)					
2-year	5-year	10-year	20-year	50-year	100-year
479	1,080	1,690	2,470	3,820	5,140

Cave Creek at Cactus Road, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				69		132						
2				53		220						
3				20		150						
4						70						
5						30						
6						3						
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19					59							
20				3	16							
21				27								
22			109	108								
23			28	94								
24			14	60						9		
25			28							1		
26										1		
27										1		
28					78					1		
29					---							
30					---							
31		---	23		---		---		---			---
TOTAL	0	0	201	434	153	604	0	0	0	0	14	0
MEAN	0	0	6	14	5	19	0	0	0	0	0	0
MAX	0	0	197	160	130	223	0	0	0	0	31	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	399	860	303	1199	0	0	0	0	28	0
WTR YR 2017	TOTAL	1406	MEAN	4	MAX	223	MIN	0	AC_FT	2789		

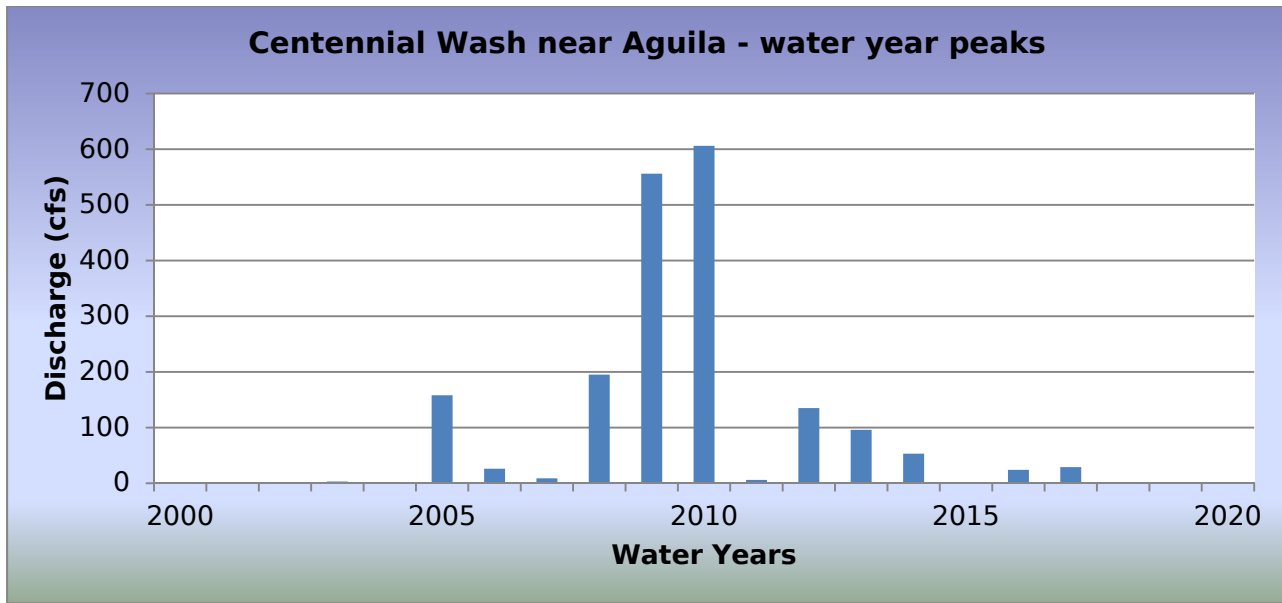
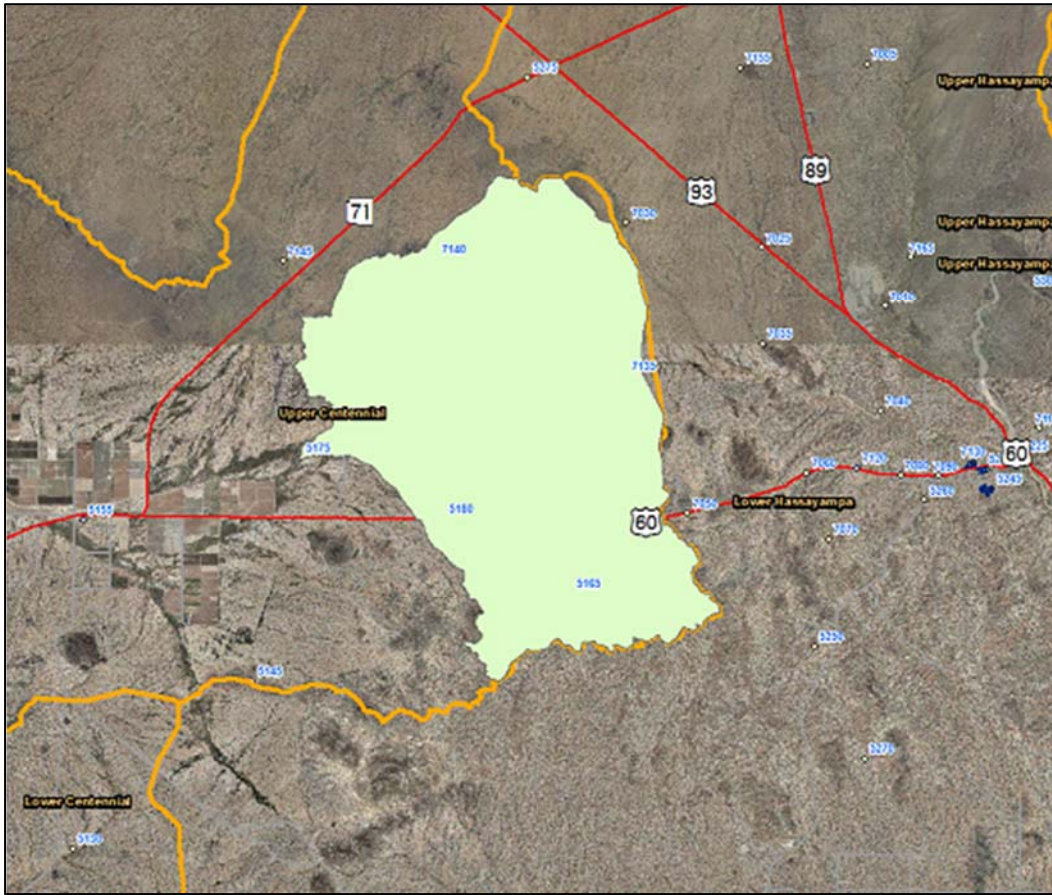
Centennial Wash near Aguila, ID #5178



Site Data

LOCATION	Along the Arizona and California Railroad east of SR 71
DRAINAGE AREA	Undetermined
STREAM TYPE	Levee on natural drainage
JURISDICTION	Maricopa County, Arizona
WATERSHED	Upper Centennial
SECTION/TOWNSHIP/RANGE	S11 T7N R8W
LATITUDE	N 33° 58' 00.3" +33.96675
LONGITUDE	W 113° 04' 07.9" -113.06887
STREAMGAGE INSTALLATION DATE	06/05/2001 - WY 2001
AVAILABLE PERIOD OF RECORD (POR)	06/05/2001 - Current
LENGTH OF AVAILABLE POR DATA	16.32 Years 5,962 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.00 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	2,272.84 feet NAVD 1988
POINT OF ZERO FLOW	-0.5 feet Gage Height
EXTREME FOR PERIOD OF RECORD	606 cfs 3.37 feet 01/21/2010

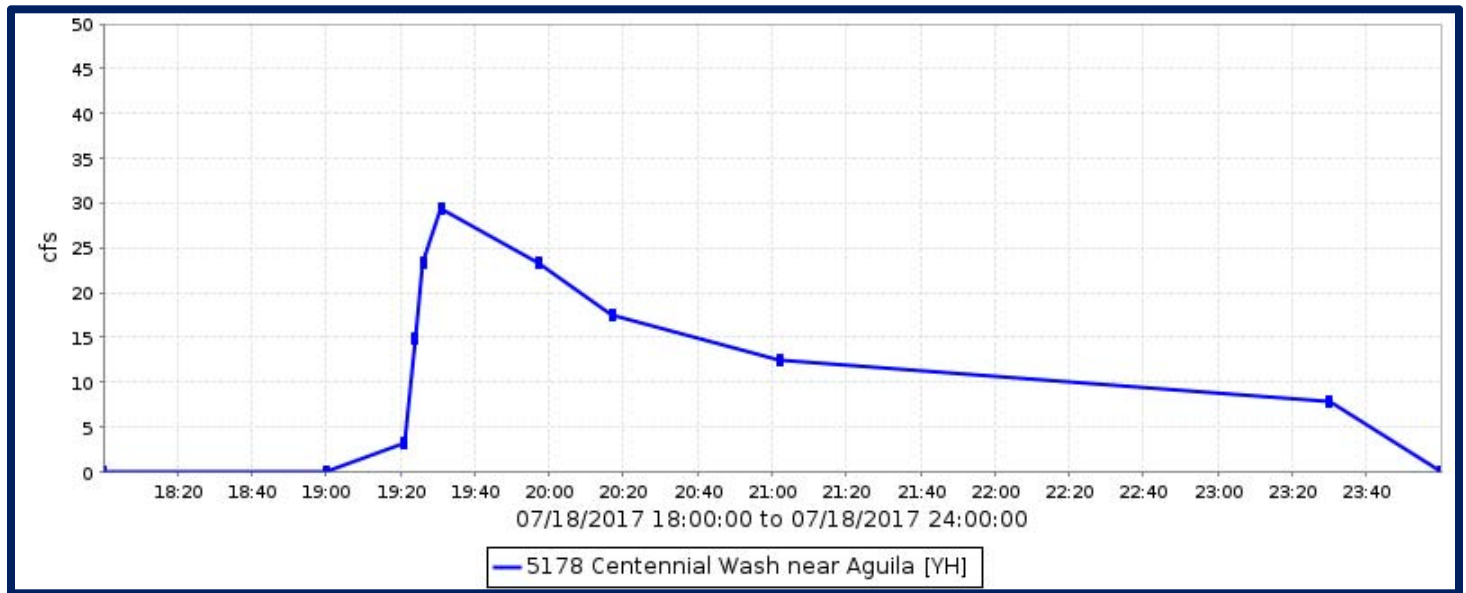
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
01/20/2017	0.53	22
02/28/2017	0.48	19
07/18/2017	0.66	29

Hydrograph of peak WY 2017 flow event, 07/18/2017



Flood Flow Frequency

Flood Flow Frequency N=17, HEC-WRC computation (based on 17 years of data)					
2-year	5-year	10-year	20-year	50-year	100-year
27	146	339	663	1,370	2,200

Centennial Wash near Aguila, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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										3		
19												
20				1								
21				2								
22												
23												
24												
25												
26												
27												
28					13							
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	2	13	0	0	0	0	3	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	22	19	0	0	0	0	29	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	5	25	0	0	0	0	6	0	0
WTR YR 2017	TOTAL	18	MEAN	0	MAX	29	MIN	0	AC_FT	36		

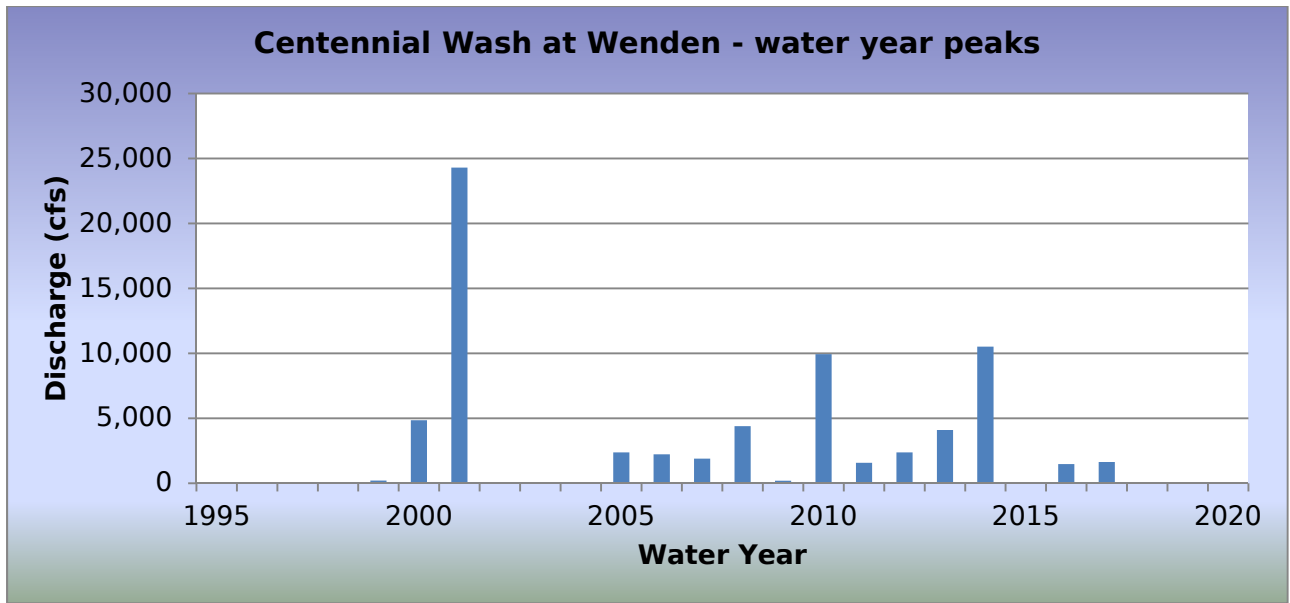
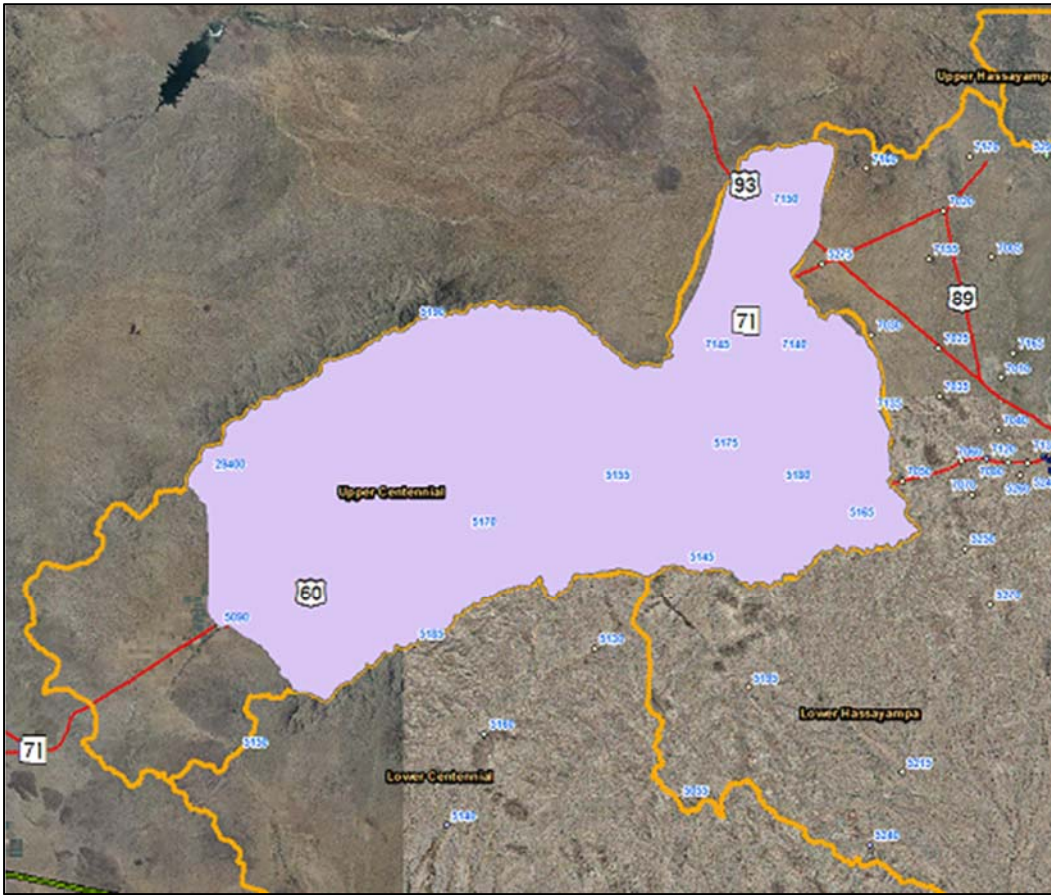
Centennial Wash at Wenden, ID #5093



Site Data

LOCATION	In La Paz County on the eastern side of Wenden
DRAINAGE AREA	586 mi ²
STREAM TYPE	Natural Stream
JURISDICTION	La Paz County
WATERSHED	Upper Centennial
SECTION/TOWNSHIP/RANGE	S32 T6N R12W
LATITUDE	N 33° 49' 27.2" +33.82423
LONGITUDE	W 113° 32' 01.3" -113.53368
STREAMGAGE INSTALLATION DATE	09/16/1998 - WY 1998
AVAILABLE PERIOD OF RECORD (POR)	09/16/1998 - Current
LENGTH OF AVAILABLE POR DATA	19.04 Years 6,955 Days
DATA GAPS IN POR	12/01/2002 - 07/07/2004
STAGE GAGE ELEVATION	0.00 feet Gage Height
STAFF GAGES	1
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,858.64 feet NAVD 1988
POINT OF ZERO FLOW	-1.7 feet Gage Height
EXTREME FOR PERIOD OF RECORD	24,250 cfs 7.82 feet 10/22/2000

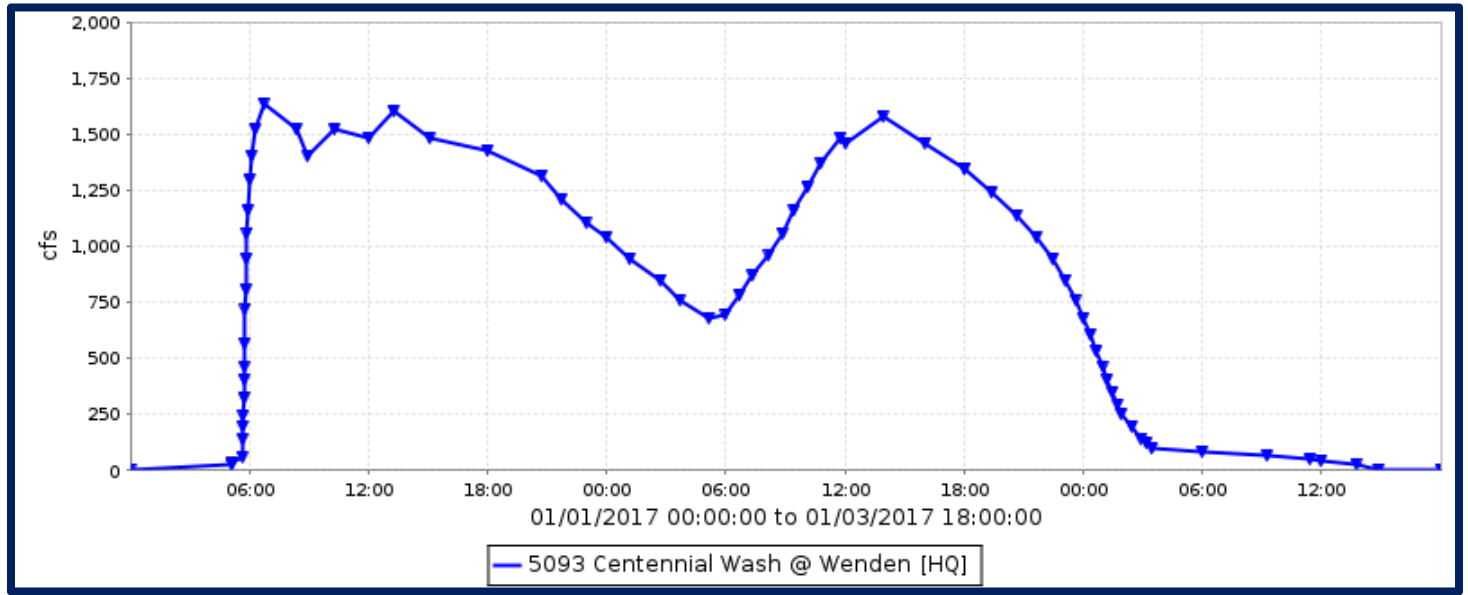
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
01/01/2017	2.95	1,637
01/22/2017	1.65	430

Hydrograph of peak WY 2017 flow event, 01/01/2017



Flood Flow Frequency

Flood Flow Frequency N=19, HEC-WRC computation (based on 19 years of data)					
2-year	5-year	10-year	20-year	50-year	100-year
1,330	6,490	13,600	23,900	43,100	62,200

NOTE: These results are based on very limited data.

Centennial Wash at Wenden, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				1096		8						
2				1134	1	16						
3				83	4	15						
4					3	13						
5					2	13						
6					1	13						
7					1	13						
8						10						
9						8						
10												
11												
12												
13		---										
14		---										
15												
16					2							
17					4							
18		---			9							
19					12							
20					12							
21				23	12							
22		---		166	11							
23		---		12	22							
24		---			30							
25					28							
26					26							
27					27							
28		---			20							
29		---			---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	2513	230	109	0	0	0	0	0	0
MEAN	0	0	0	81	8	4	0	0	0	0	0	0
MAX	0	0	0	1637	74	23	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	4985	455	217	0	0	0	0	0	0
WTR YR 2017	TOTAL	2852	MEAN	8	MAX	1637	MIN	0	AC_FT	5658		

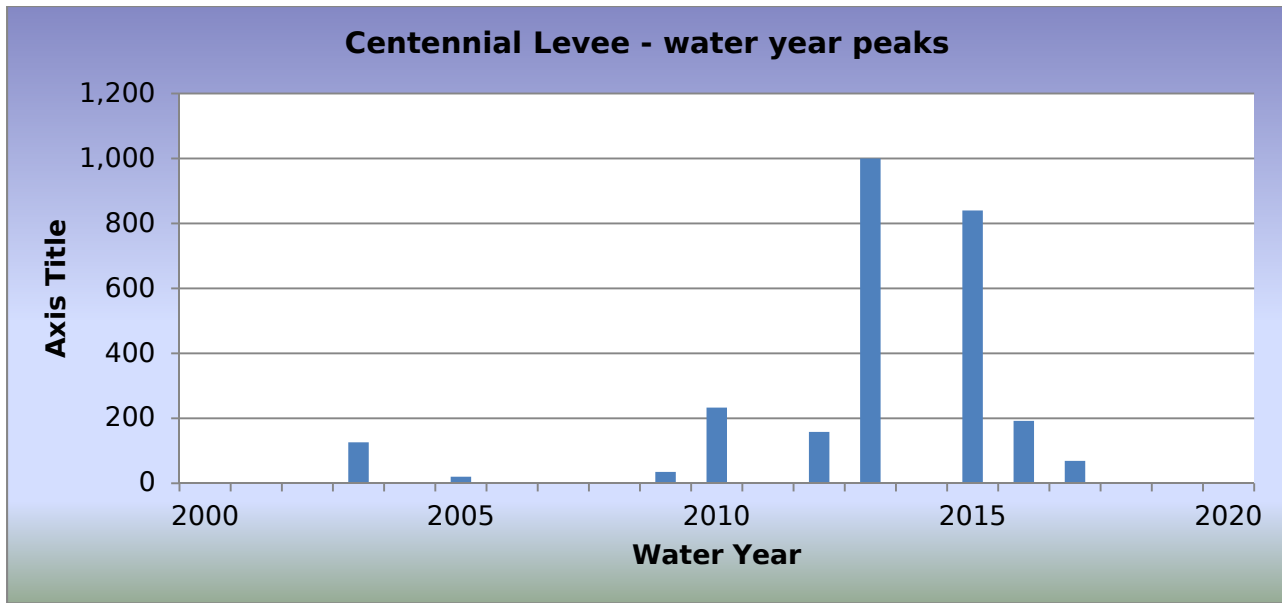
Centennial Levee, ID #5123



Site Data

LOCATION	Located in western Maricopa County, southwest of Salome Road and I-10
DRAINAGE AREA	20 mi ²
STREAM TYPE	Levee on natural drainage
JURISDICTION	Maricopa County, Arizona
WATERSHED	Lower Centennial
SECTION/TOWNSHIP/RANGE	S17 T2N R10W
LATITUDE	N 33° 31' 09.9" +33.51942
LONGITUDE	W 113° 15' 37.8" -113.26049
STREAMGAGE INSTALLATION DATE	07/09/2003 - WY 2003
AVAILABLE PERIOD OF RECORD (POR)	07/09/2003 - Current
LENGTH OF AVAILABLE POR DATA	14.23 Years 5,198 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.65 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,261.00 feet NAVD 1988
POINT OF ZERO FLOW	0.3 feet Gage Height
EXTREME FOR PERIOD OF RECORD	1,000 cfs 4.50 feet 09/09/2013

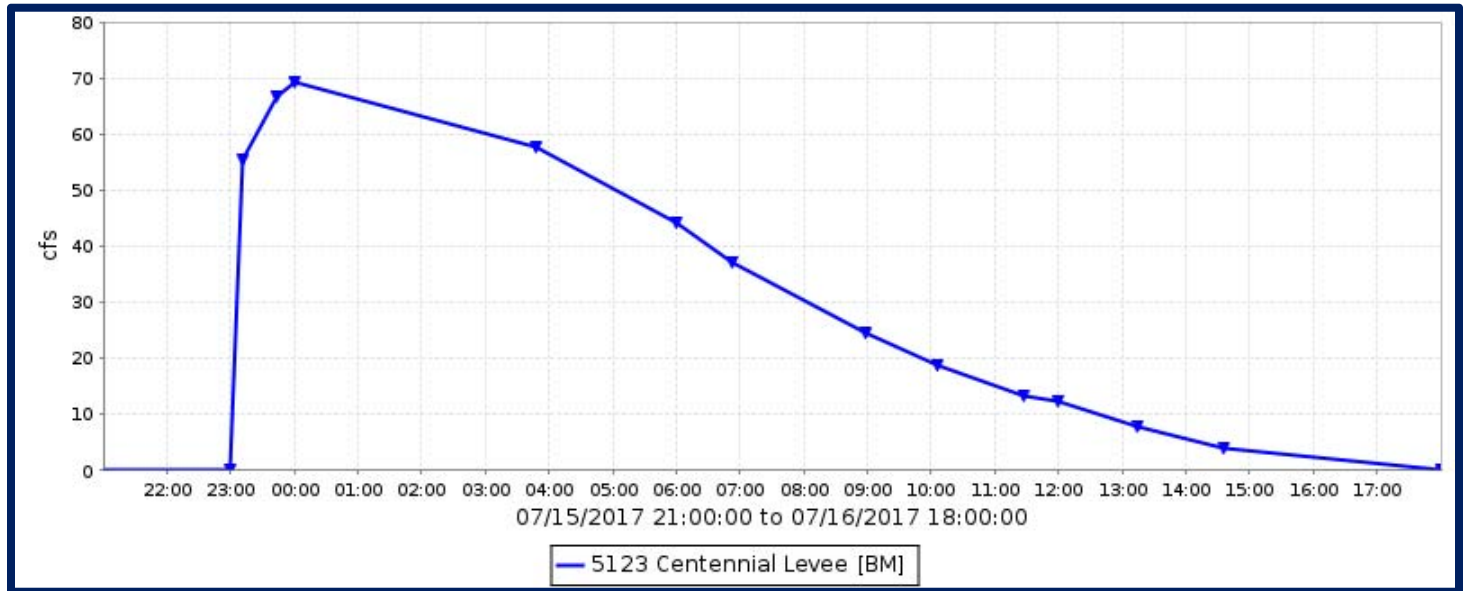
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
07/16/2017	1.78	69

Hydrograph of peak WY 2017 flow event, 07/16/2017



Flood Flow Frequency

There is not enough data to compute a flood flow frequency for this gage station.

Centennial Levee, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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										2		
16										25		
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	27	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	69	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	54	0	0
WTR YR 2017	TOTAL	27	MEAN	0	MAX	69	MIN	0	AC_FT	54		

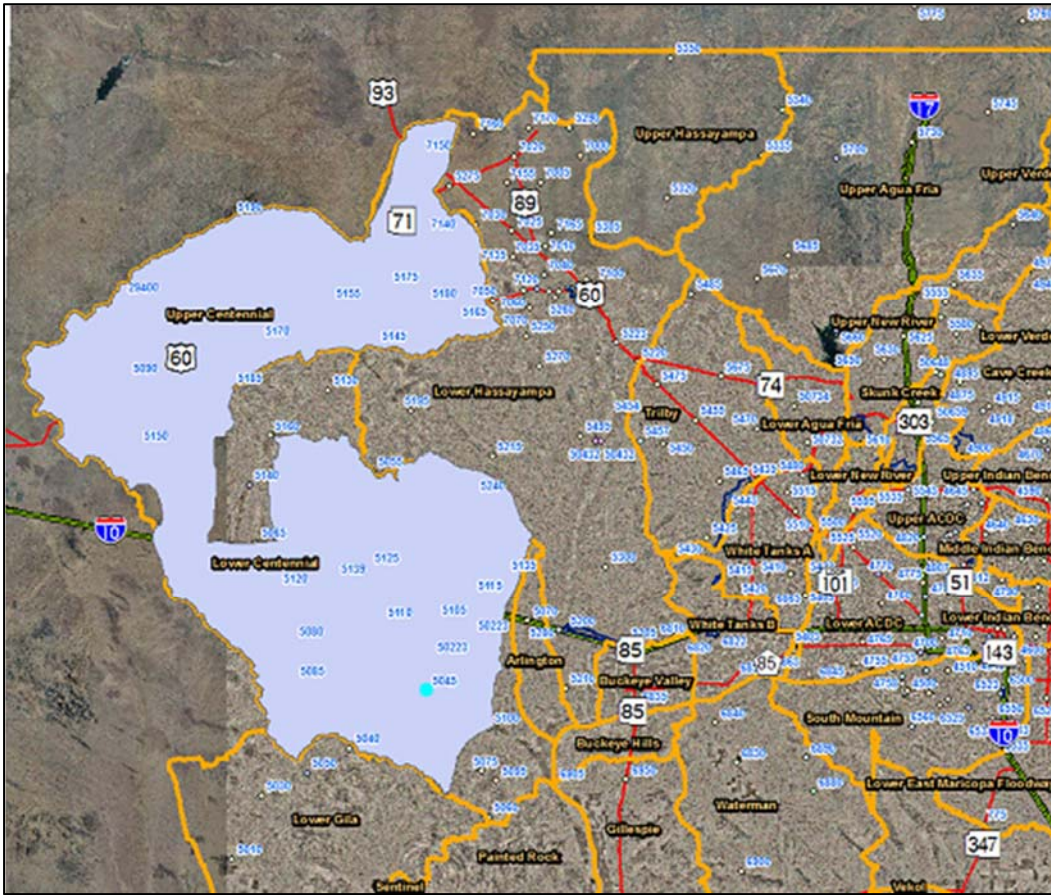
Centennial Wash at SPRR, ID #5103



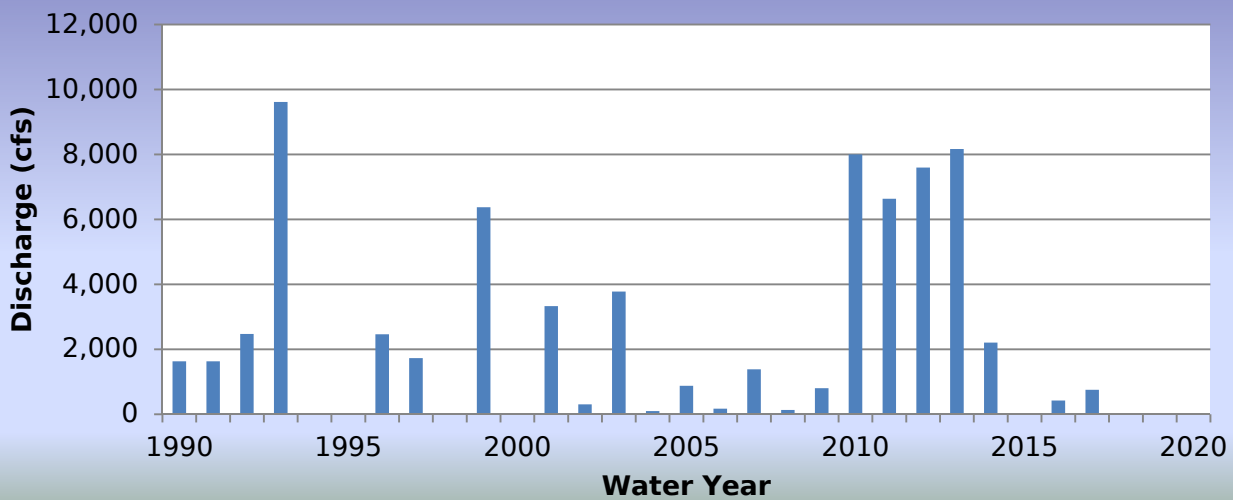
Site Data

LOCATION	Located about 6 miles west of Arlington
DRAINAGE AREA	1,817 mi ²
STREAM TYPE	Channelized Natural Stream
JURISDICTION	Maricopa County, Arizona
WATERSHED	Lower Centennial
SECTION/TOWNSHIP/RANGE	S28 T1S R6W
LATITUDE	N 33° 18' 35.6" +33.30986
LONGITUDE	W 112° 52' 58.4" -112.88289
STREAMGAGE INSTALLATION DATE	02/09/1990 - WY 1990
AVAILABLE PERIOD OF RECORD (POR)	02/09/1990 - Current
LENGTH OF AVAILABLE POR DATA	27.64 Years 10,096 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	3.16 feet Gage Height
STAFF GAGES	2
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	839.44 feet NAVD 1988
POINT OF ZERO FLOW	2.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	9,616 cfs 9.10 feet 02/08/1993
EXTREME OUTSIDE PERIOD OF RECORD	15,600 cfs 09/02/1984

Watershed Map



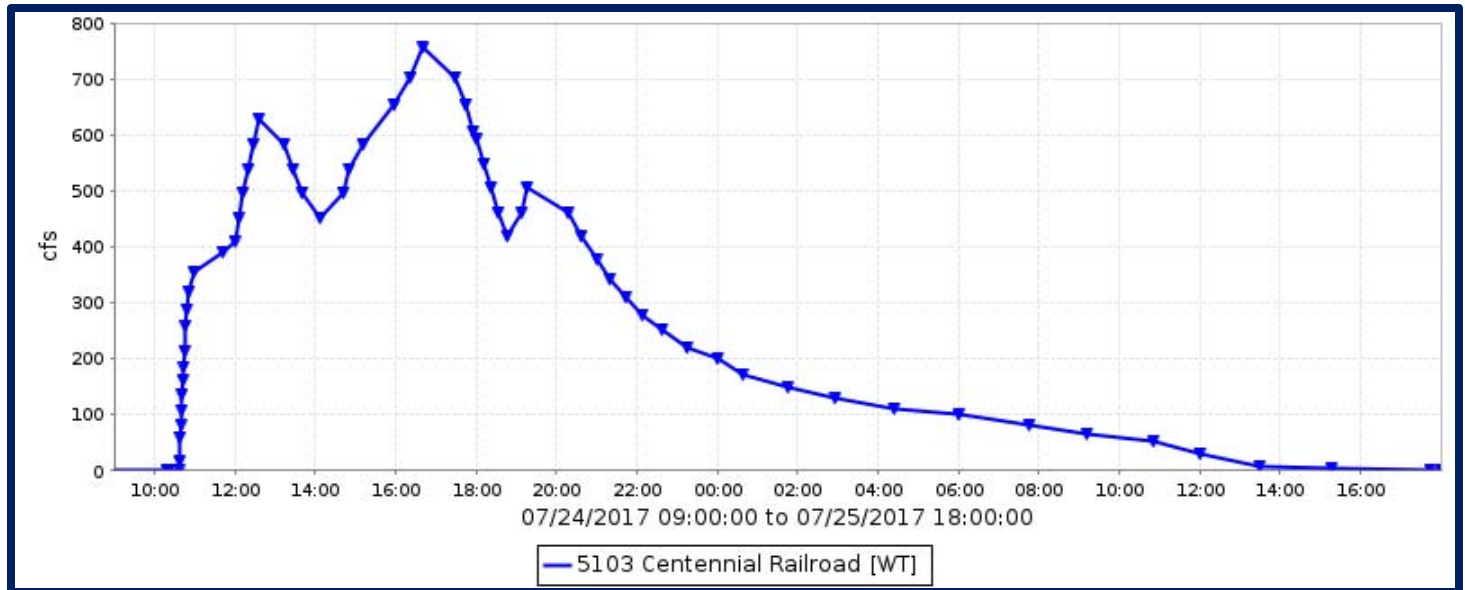
Centennial at UPRR - water year peaks



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
07/24/2017	7.02	755
07/30/2017	5.82	258
08/04/2017	5.74	234
09/07/2017	5.72	227

Hydrograph of peak WY 2017 flow event, 07/24/2017



Flood Flow Frequency

Flood Flow Frequency N=28, HEC-WRC computation (based on 28 years of data)					
2-year	5-year	10-year	20-year	50-year	100-year
1,130	4,190	7,770	12,500	20,600	28,200

NOTE: These results are based on very limited data.

Centennial Wash at SPRR, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4											64	
5											2	
6												
7												8
8												45
9												
10												
11												
12							---					
13							---					
14							---					
15							---					
16							---					
17												
18												
19												
20												
21												
22												
23												
24										262		
25										57		
26												
27												
28												
29					---							
30					---					58		
31		---			---		---		---			---
TOTAL	0	0	0	0	0	0	0	0	0	378	65	53
MEAN	0	0	0	0	0	0	0	0	0	12	2	2
MAX	0	0	0	0	0	0	0	0	0	755	234	227
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	0	0	0	750	130	104
WTR YR 2017	TOTAL	496	MEAN	1	MAX	755	MIN	0	AC_FT	984		

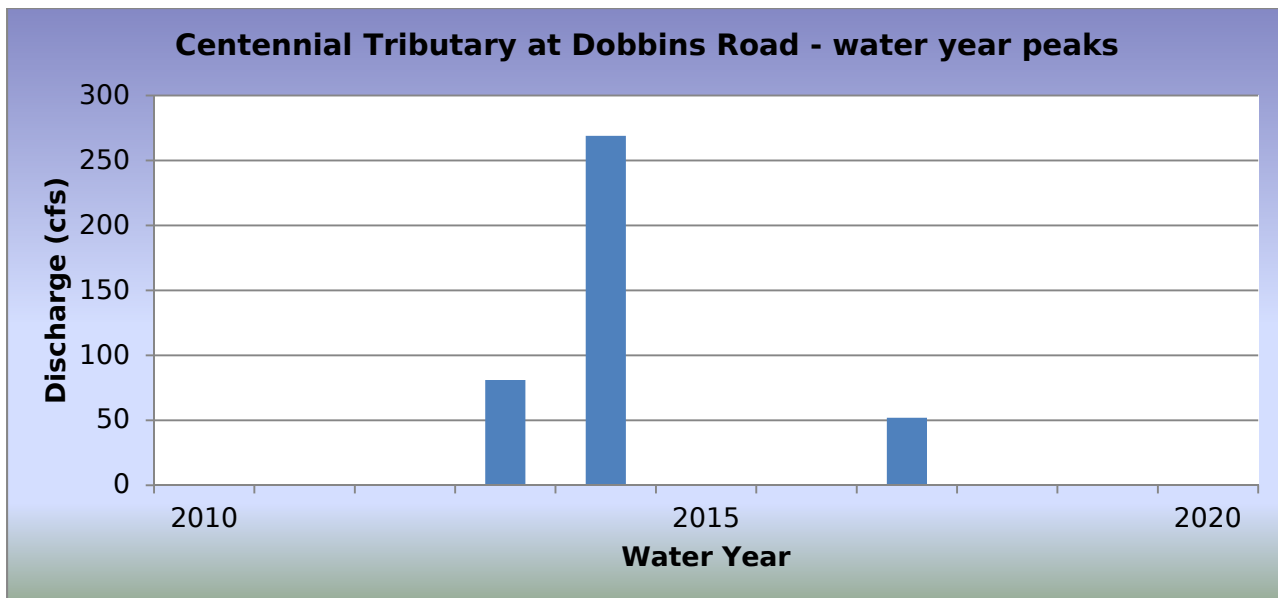
Centennial Tributary at Dobbins Road, ID #5049



Site Data

LOCATION	Located near the intersection of Dobbins Road and 435th Avenue
DRAINAGE AREA	2.47 mi ²
STREAM TYPE	Natural Stream
JURISDICTION	Maricopa County, Arizona
WATERSHED	Lower Centennial
SECTION/TOWNSHIP/RANGE	S05 T1S R7W
LATITUDE	N 33° 21' 49.1" +33.36364
LONGITUDE	W 112° 59' 35.6" -112.99321
STREAMGAGE INSTALLATION DATE	09/26/2012 - WY 2012
AVAILABLE PERIOD OF RECORD (POR)	10/01/2012 - Current
LENGTH OF AVAILABLE POR DATA	5.00 Years 1,826 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	1.20 feet Gage Height
STAFF GAGES	None
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	0.00 feet Gage Height
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	269 cfs 2.82 feet 03/01/2014

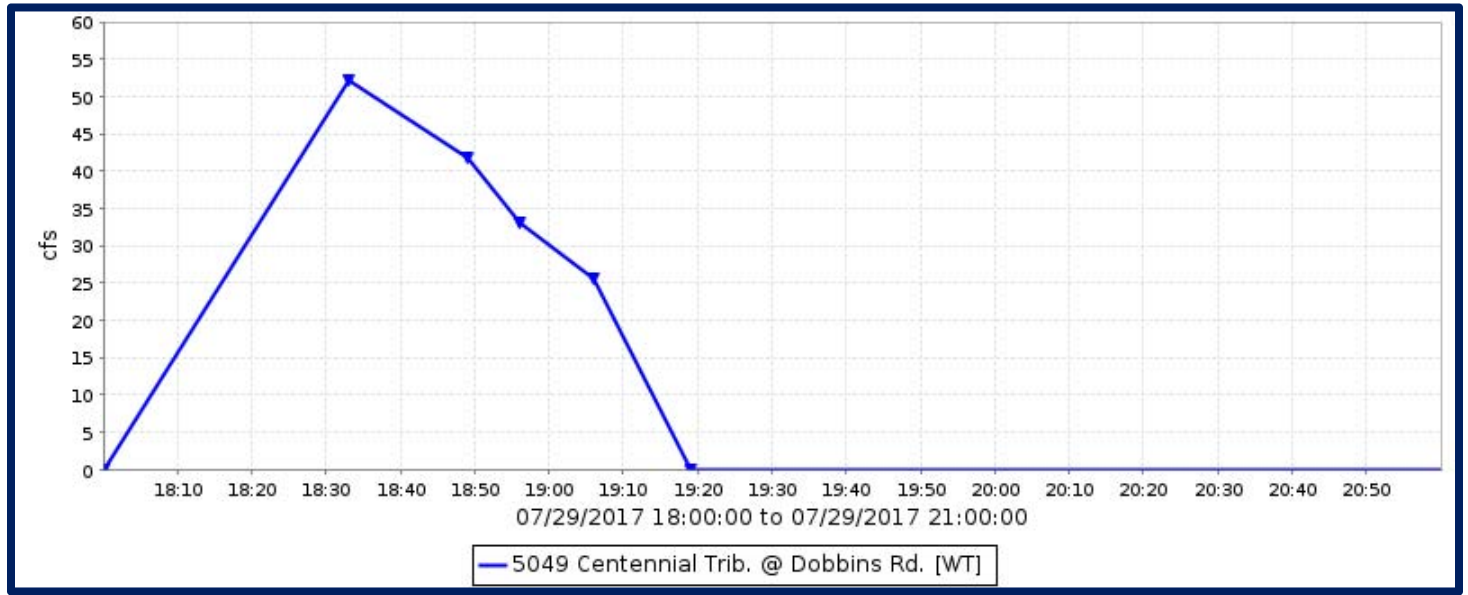
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
07/29/2017	1.60	52

Hydrograph of peak WY 2017 flow event, 07/29/2017



Flood Flow Frequency

There is not enough data to compute a flood flow frequency for this gage station.

Centennial Tributary at Dobbins Road, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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			5									
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29					---					1		
30			---		---							
31		---			---		---		---			---
TOTAL	0	0	5	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	21	0	0	0	0	0	0	52	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	10	0	0	0	0	0	0	2	0	0
WTR YR 2017	TOTAL		6	MEAN	0	MAX	52	MIN	0	AC_FT		13

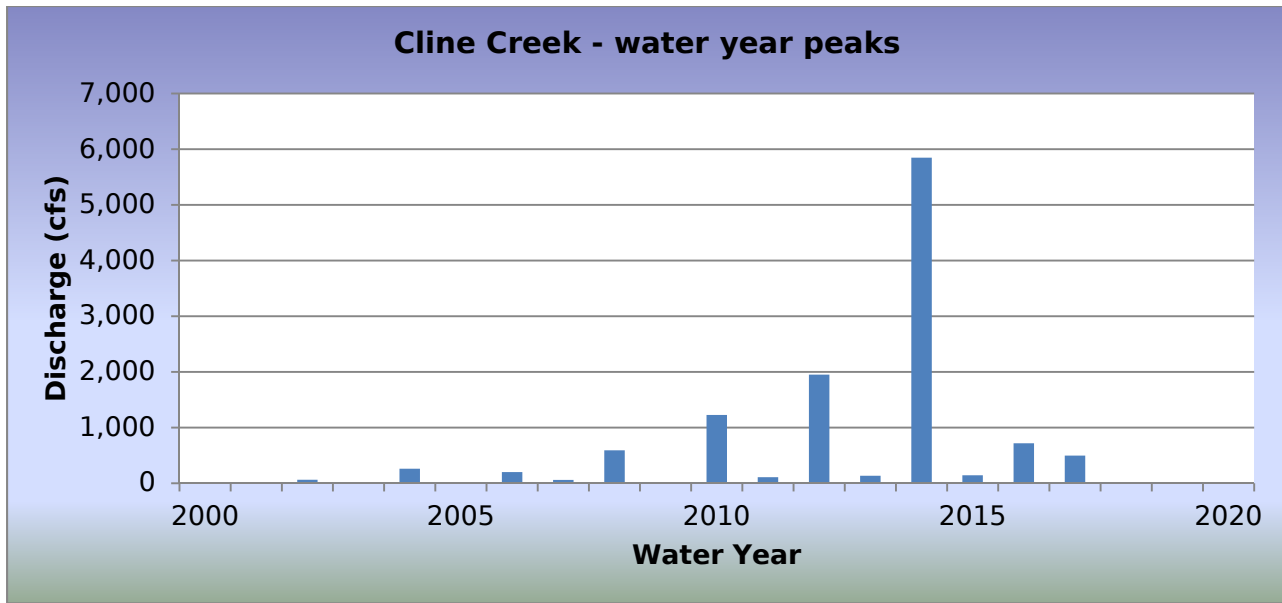
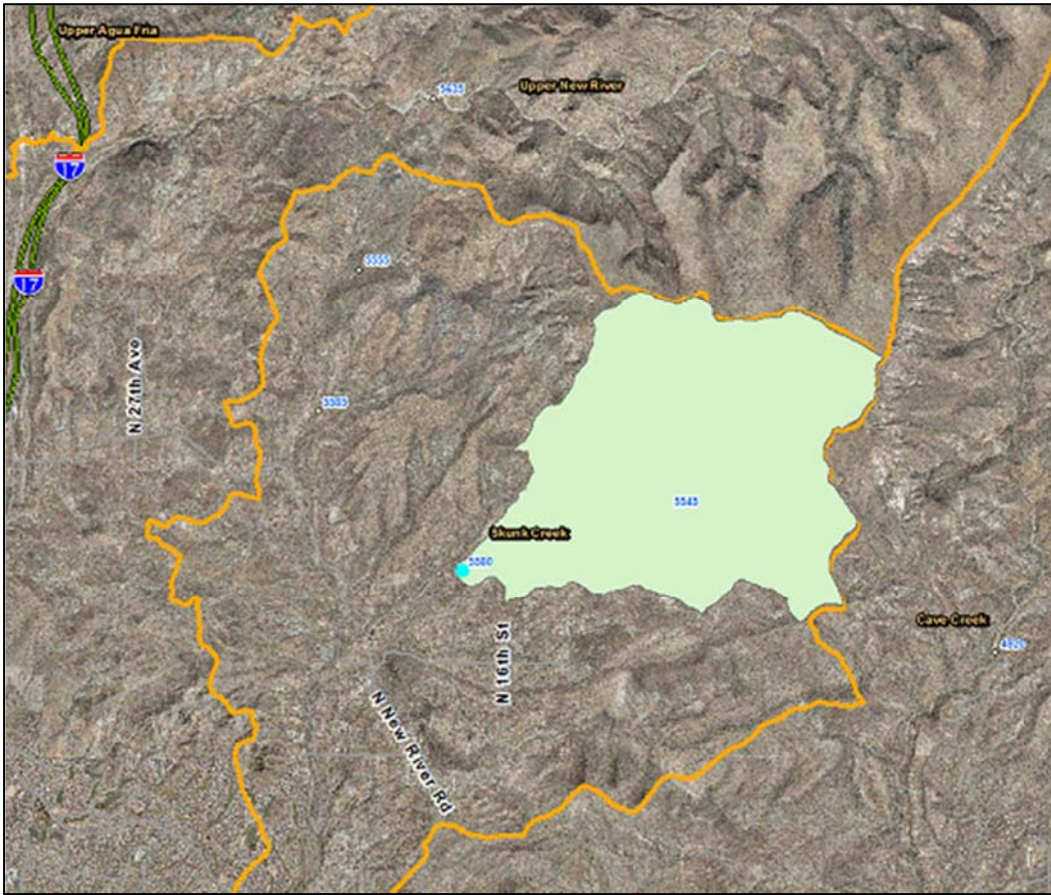
Cline Creek, ID #5583



Site Data

LOCATION	Located about 1 mile north of Circle Mountain Road just off 12th Street
DRAINAGE AREA	10.8 mi ²
STREAM TYPE	Natural Stream
JURISDICTION	Maricopa County, Arizona
WATERSHED	Skunk Creek
SECTION/TOWNSHIP/RANGE	S33 T7N R3E
LATITUDE	N 33° 54' 03.5" +33.90097
LONGITUDE	W 112° 03' 17.9" -112.05497
STREAMGAGE INSTALLATION DATE	11/20/2001 - WY 2002
AVAILABLE PERIOD OF RECORD (POR)	11/20/2001 - Current
LENGTH OF AVAILABLE POR DATA	15.86 Years 5,794 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.95 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	2,171.07 feet NAVD 1988
POINT OF ZERO FLOW	-0.1 feet Gage Height
EXTREME FOR PERIOD OF RECORD	5,850 cfs 8.15 feet 08/19/2014

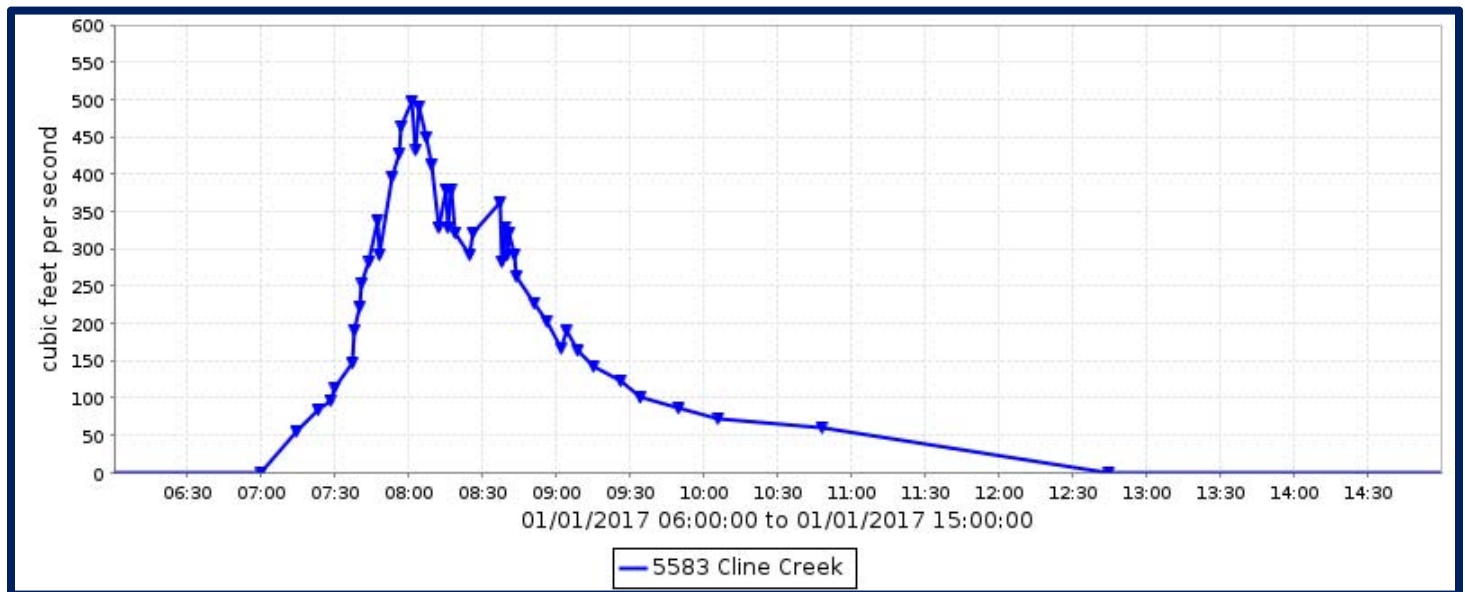
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
12/22/2016	2.79	458
12/26/2016	2.17	262
01/01/2017	2.91	497
01/21/2017	1.77	163
02/28/2017	2.22	276
08/03/2017	1.07	53

Hydrograph of peak WY 2017 flow event, 01/01/2017



Flood Flow Frequency

Flood Flow Frequency N=16, HEC-WRC computation (based on 16 years of data)					
2-year	5-year	10-year	20-year	50-year	100-year
172	998	2,350	4,600	9,480	15,000

NOTE(1): These results are based on very limited data.

Cline Creek, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				33								
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20				19								
21				37								
22			17									
23												
24												
25												
26			17									
27					13							
28					84							
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	34	88	97	0	0	0	0	0	0	0
MEAN	0	0	1	3	3	0	0	0	0	0	0	0
MAX	0	0	458	497	276	0	0	0	0	0	53	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	68	175	193	0	0	0	0	0	1	0
WTR YR 2017	TOTAL		220	MEAN	1	MAX	497	MIN	0	AC_FT		437

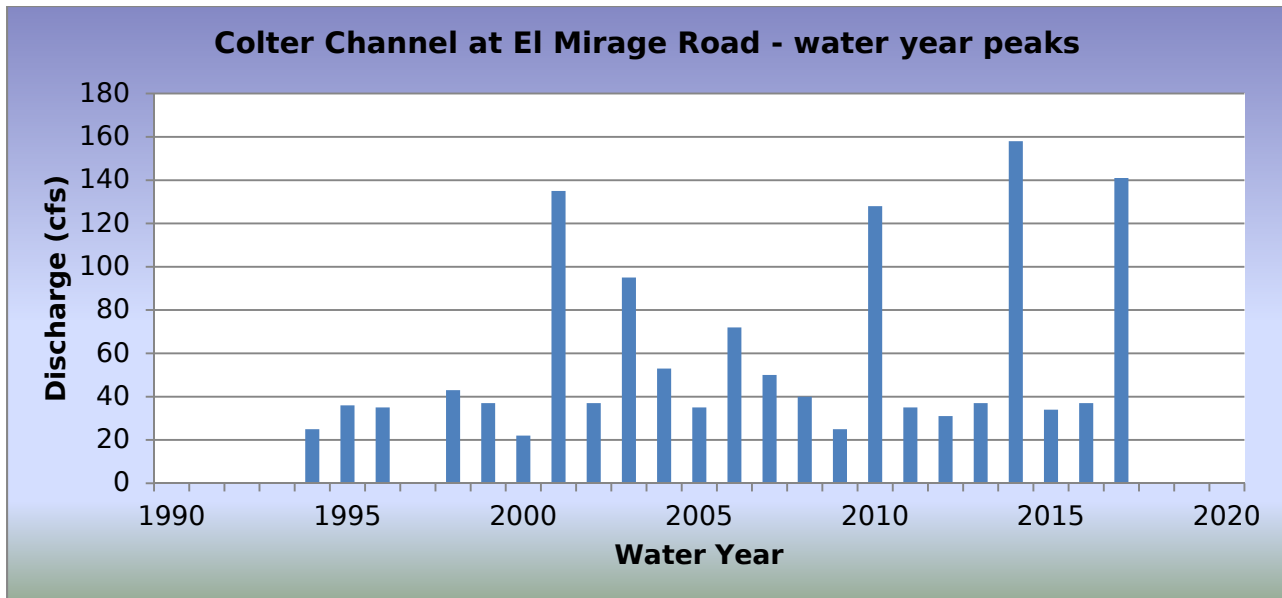
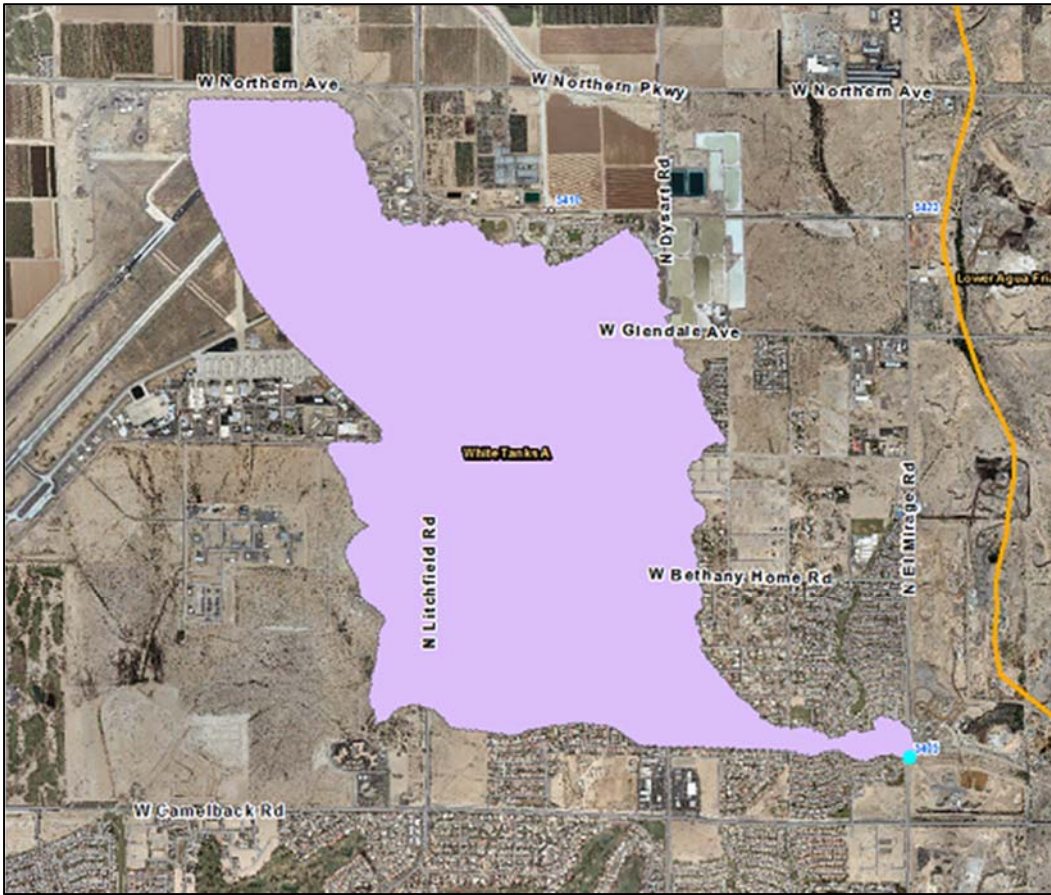
Colter Channel, ID #5408



Site Data

LOCATION	Located on El Mirage Road north of Camelback Road
DRAINAGE AREA	3.5 mi ²
STREAM TYPE	Engineered Channel
JURISDICTION	Phoenix, Arizona
WATERSHED	White Tanks A
SECTION/TOWNSHIP/RANGE	S13 T2N R1W
LATITUDE	N 33° 30' 41.1" +33.51141
LONGITUDE	W 112° 19' 25.6" -112.32376
ARIZONA STATE PLANE	E 575915 N 913851
USGS QUAD SHEET	El Mirage 7.5-Minute
STREAMGAGE INSTALLATION DATE	06/29/1994 - WY 1994
AVAILABLE PERIOD OF RECORD (POR)	06/29/1994 - Current
LENGTH OF AVAILABLE POR DATA	23.26 Years 8,495 Days
DATA GAPS IN POR	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.10 feet Gage Height
STAFF GAGES	1
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	0.00 feet Gage Height
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	158 cfs 1.52 feet 09/08/2014

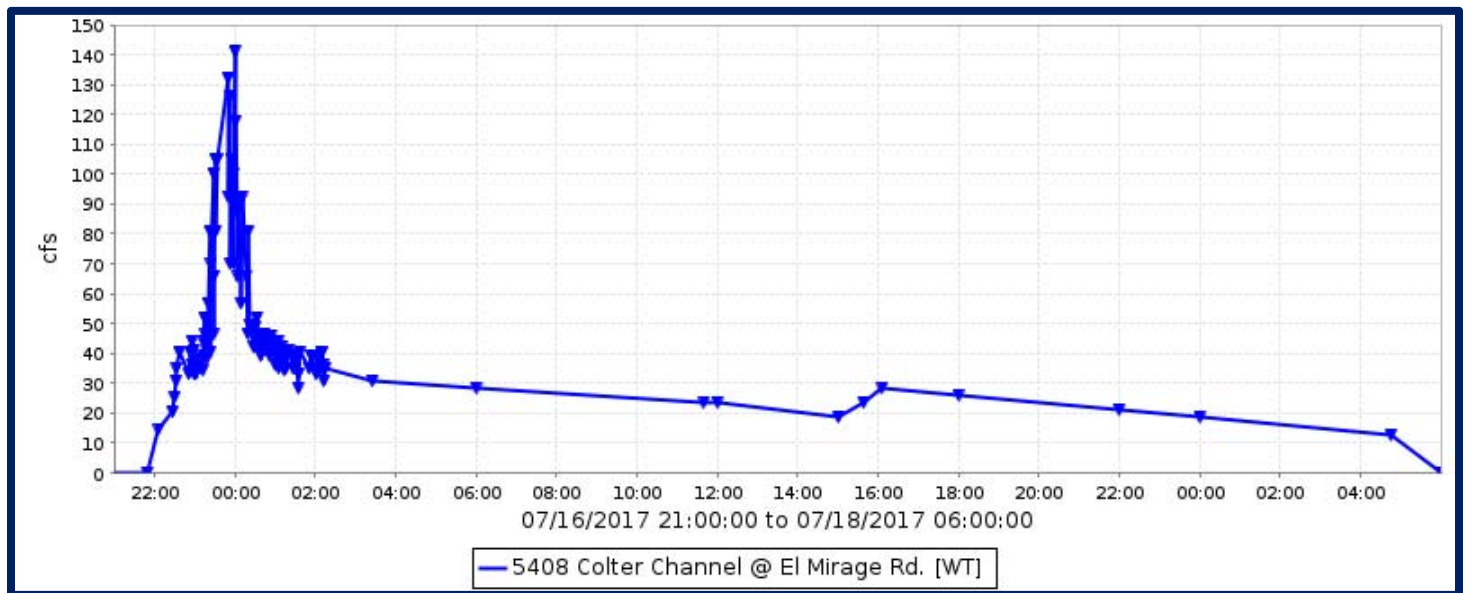
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
10/02/2016	0.39	21
12/22/2016	0.72	36
01/01/2017	0.39	21
01/20/2017	0.54	28
02/27/2017	0.39	21
07/17/2017	1.47	141
07/24/2017	0.44	24
08/12/2017	0.57	30

Hydrograph of peak WY 2017 flow event, 07/17/2017



Flood Flow Frequency

Flood Flow Frequency N=24, HEC-WRC computation (based on 24 years of data)					
2-year	5-year	10-year	20-year	50-year	100-year
45	76	103	134	182	225

NOTE: These results are based on very limited data.

Colter Channel, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				3								
2	2											
3												
4												
5												
6												
7												
8												
9												
10												
11												
12											3	
13												
14												
15												
16											4	
17											29	
18											4	
19												
20				8								
21				2								
22			6									
23												
24											4	
25								12				
26								4				
27					2							
28												
29												
30												
31		---								---		---
TOTAL	2	0	6	13	2	0	16	0	0	41	3	0
MEAN	0	0	0	0	0	0	1	0	0	1	0	0
MAX	21	0	36	33	21	0	132	0	0	141	30	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	3	0	13	25	5	0	32	0	0	81	5	0
WTR YR 2017	TOTAL		82	MEAN		0	MAX	141	MIN	0	AC_FT	163

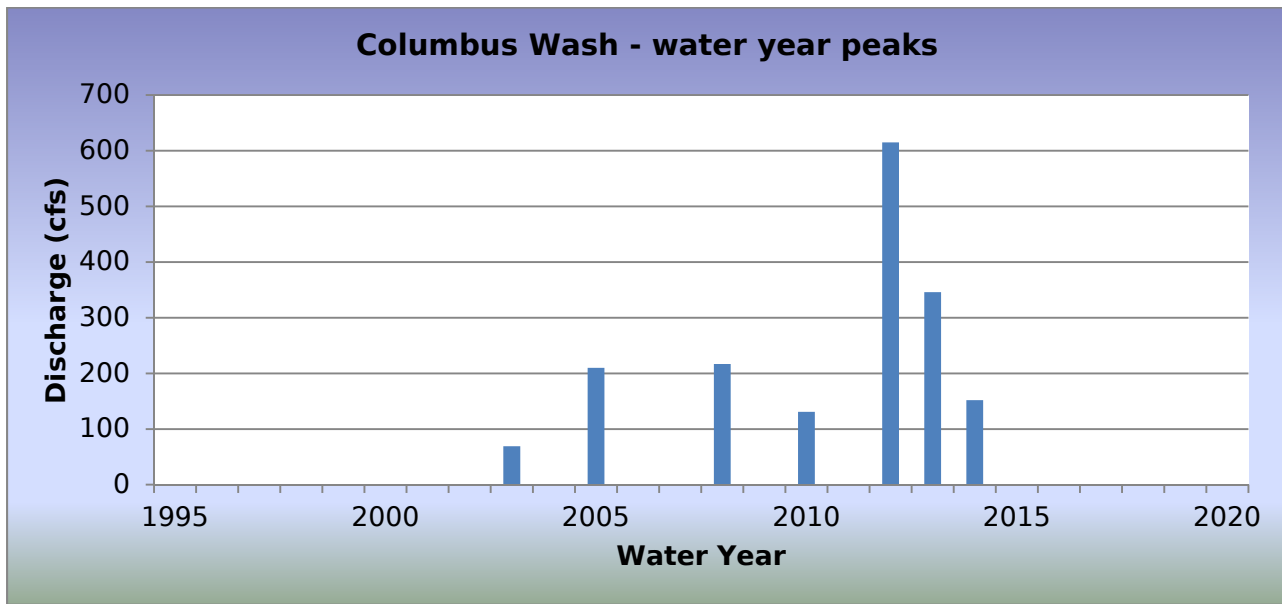
Columbus Wash – ID #5013



Site Data

LOCATION	Located at the east edge of Yuma County in the Hyder Valley
DRAINAGE AREA	25.4 mi ²
STREAM TYPE	Encroached Natural Stream
JURISDICTION	Yuma County, Arizona
WATERSHED	Lower Gila
SECTION/TOWNSHIP/RANGE	S06 T4S R10W
LATITUDE	N 33° 06' 45.7" +33.11268
LONGITUDE	W 113° 20' 22.1" -113.33946
STREAMGAGE INSTALLATION DATE	09/22/1999 - WY 1999
AVAILABLE PERIOD OF RECORD (POR)	09/22/1999 - Current
LENGTH OF AVAILABLE POR DATA	18.03 Years 6,584 Days
DATA GAPS IN POR	12/18/2012 - 01/07/2013
STAGE GAGE ELEVATION	2.50 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	700.00 feet NAVD 1988
POINT OF ZERO FLOW	1.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	615 cfs 2.45 feet 09/04/2012

Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
No Runof Events		

Hydrograph of peak WY 2017 flow event

There were no runoff events during Water Year 2017.

Flood Flow Frequency

There is not enough data to compute a flood flow frequency for this gage station.

Columbus Wash, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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		---			---		---		---			---
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	69	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 2017	TOTAL		0	MEAN	0	MAX	69	MIN	0	AC_FT		0

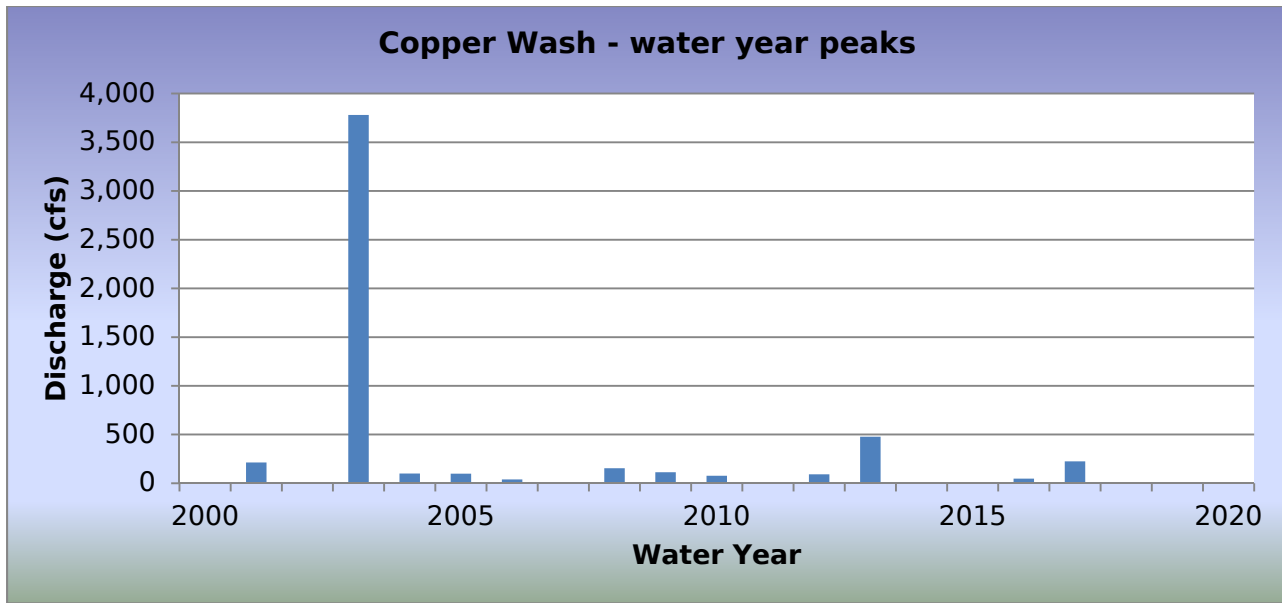
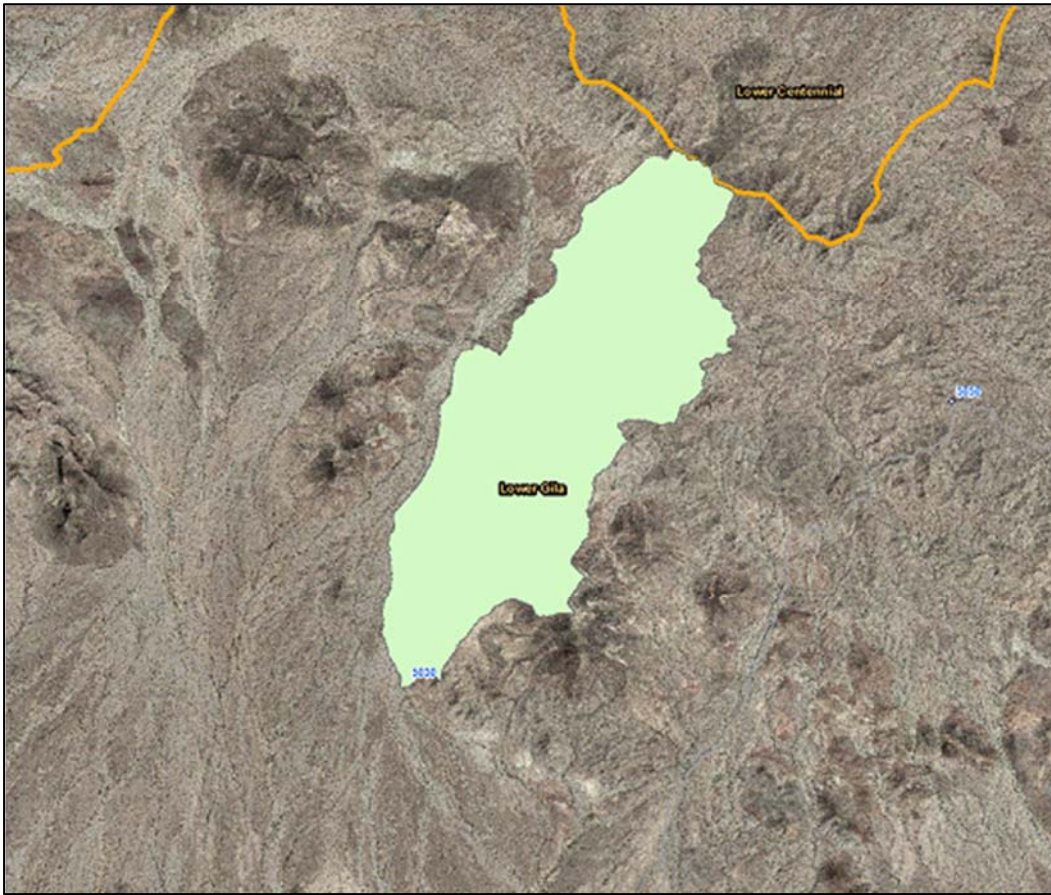
Copper Wash, ID #5033



Site Data

LOCATION	Located in western Maricopa County near the Hyder Valley
DRAINAGE AREA	6.6 mi ²
STREAM TYPE	Natural Stream
JURISDICTION	Maricopa County, Arizona
WATERSHED	Lower Gila
SECTION/TOWNSHIP/RANGE	S33 T2S R10W
LATITUDE	N 33° 12' 20.0" +33.20557
LONGITUDE	W 113° 17' 05.4" -113.28483
STREAMGAGE INSTALLATION DATE	02/20/2001 - WY 2001
AVAILABLE PERIOD OF RECORD (POR)	02/20/2001 - Current
LENGTH OF AVAILABLE POR DATA	16.61 Years 6,067 Days
DATA GAPS IN POR	08/27/2003 - 09/04/2003
STAGE GAGE ELEVATION	0.80 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	1,064.00 feet NAVD 1988
POINT OF ZERO FLOW	0.1 feet Gage Height
EXTREME FOR PERIOD OF RECORD	3,780 cfs 5.69 feet 08/27/2003

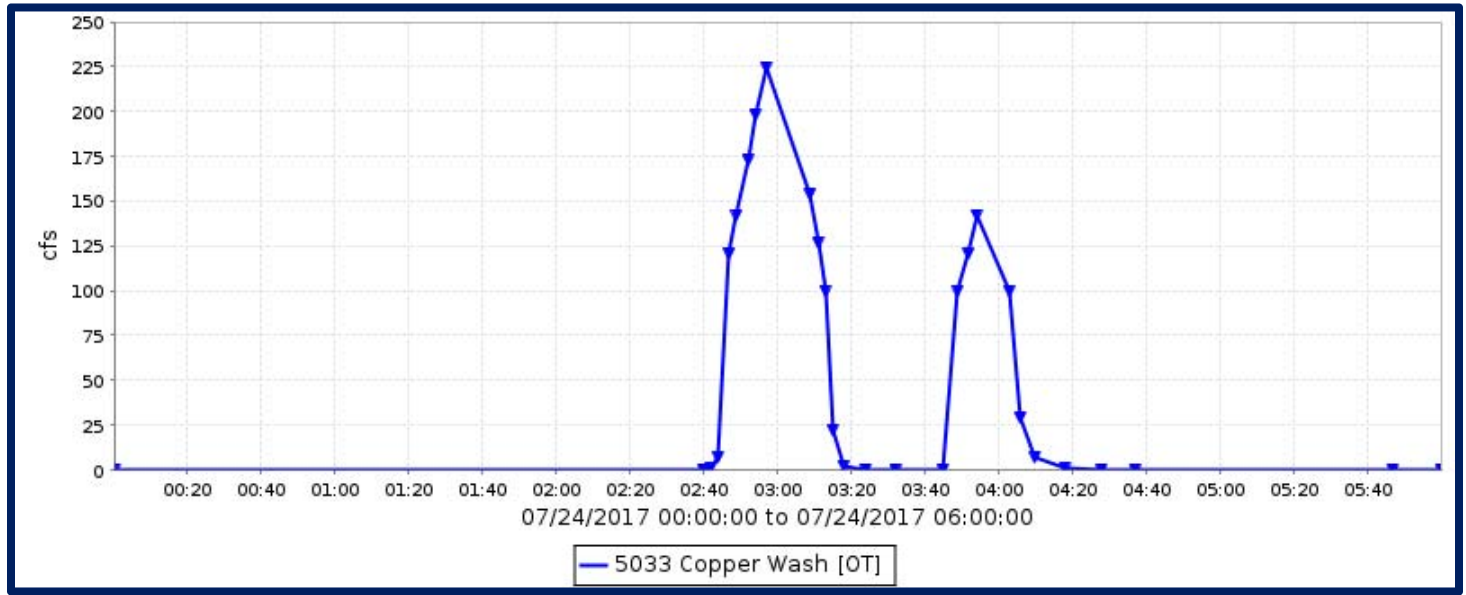
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
07/24/2017	1.98	225

Hydrograph of peak WY 2017 flow event, 07/24/2017



Flood Flow Frequency

Flood Flow Frequency N=17, HEC-WRC computation (based on 17 years of data)					
2-year	5-year	10-year	20-year	50-year	100-year
88	275	522	911	1,760	2,770

NOTE: These results are based on very limited data.

Copper Wash, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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										5		
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	225	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	10	0	0
WTR YR 2017	TOTAL		5	MEAN	0	MAX	225	MIN	0	AC_FT		10

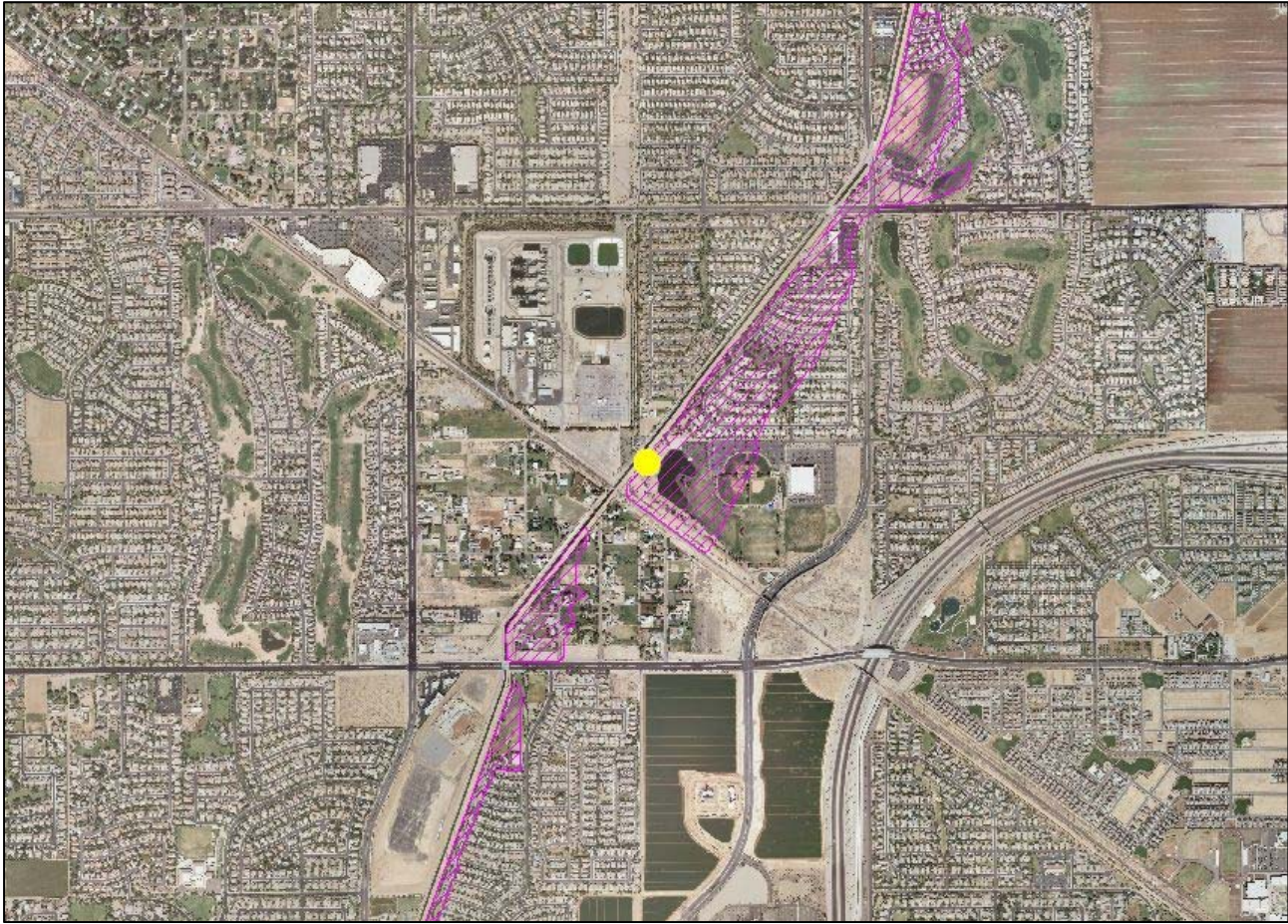
Crossroads Park Basin, ID #6623



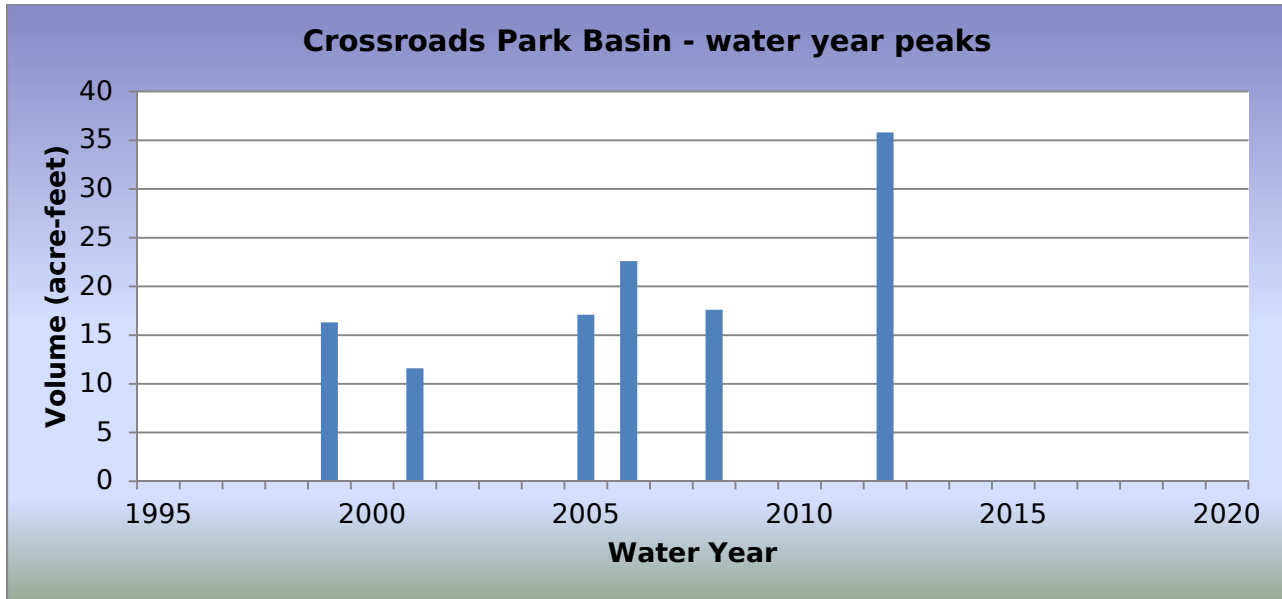
Site Data

LOCATION	Near Greenfield and Ray Roads
DRAINAGE AREA	15.7 mi ²
STREAM TYPE	Flood control basin
JURISDICTION	Gilbert, Arizona
WATERSHED	Lower East Maricopa Floodway
SECTION/TOWNSHIP/RANGE	S21 T1S R6E
LATITUDE	N 33° 19' 39.7" +33.32770
LONGITUDE	W 111° 44' 47.9" -111.74665
STREAMGAGE INSTALLATION DATE	12/18/1995 - WY 1996
AVAILABLE PERIOD OF RECORD (POR)	12/18/1995 - Current
LENGTH OF AVAILABLE POR DATA	21.79 Years 7,958 Days
DATA GAPS IN POR	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	1.33 feet Gage Height
STAFF GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,246.67 feet M.S.L.
POINT OF ZERO FLOW	None - Pump Control
SPILLWAY CREST ELEVATION	None
TOP OF BASIN ELEVATION	23.3 feet Gage Height

Location Map



Crossroads Park Basin - water year peaks



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
No impoundments			

Hydrograph of peak WY 2017 impoundment event

There were no impoundments above the base lake level recorded in Water Year 2017.

Crossroads Park, volume data

Volume, in acre-feet, Water Year October 2015 to September 2016

DAY	Daily Mean Values											
	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	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 2017	MEAN	0	MAX	0	MIN	0						

Crossroads Park Basin, stage data

Depth, in feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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	1.3	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	1.3	---
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	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	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 2017	MEAN	1.33	MAX	1.33	MIN	1.33						

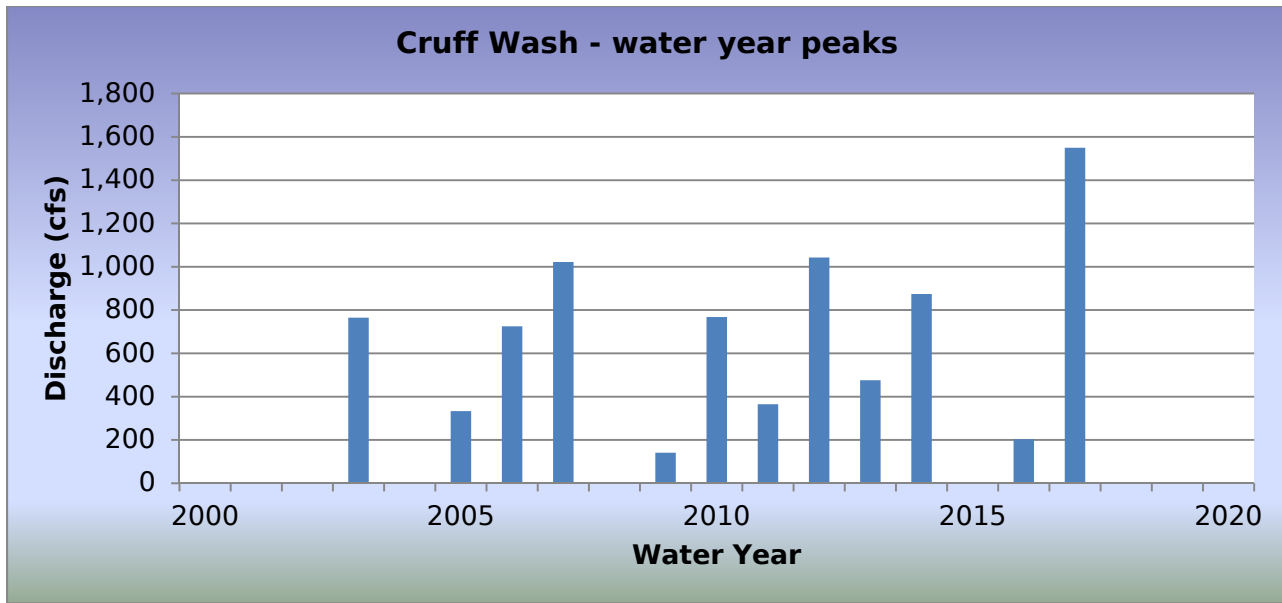
Cruff Wash, ID #5078



Site Data

LOCATION	Located about 7 miles west of Old US80 south of Agua Caliente Road
DRAINAGE AREA	13.2 mi ²
STREAM TYPE	Natural Stream
JURISDICTION	Maricopa County, Arizona
WATERSHED	Lower Centennial
SECTION/TOWNSHIP/RANGE	S20 T2S R6W
LATITUDE	N 33° 15' 04.0" +33.25111
LONGITUDE	W 112° 52' 54.5" -112.88180
STREAMGAGE INSTALLATION DATE	05/14/2002 - WY 2002
AVAILABLE PERIOD OF RECORD (POR)	05/14/2002 - Current
LENGTH OF AVAILABLE POR DATA	15.38 Years 5,619 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.33 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	937.91 feet NAVD 1988
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	1,550 cfs 4.14 feet 07/29/2017

Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
07/18/2017	2.04	60
07/29/2017	4.14	1,550

Hydrograph of peak WY 2017 flow event

Gage failed to record the peak for this event. The peak stage was recovered from high water marks and the crest-stage gage reading.

Flood Flow Frequency

Flood Flow Frequency N=16, HEC-WRC computation (based on 16 years of data)					
2-year	5-year	10-year	20-year	50-year	100-year
412	902	1,300	1,730	2,330	2,800

NOTE: These results are based on very limited data.

Cruff Wash, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values														
	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		---				---		---		---		---			
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	1	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 2017	TOTAL		0	MEAN		0	MAX		1	MIN		0	AC_FT		0

NOTE: Gage failed during the event of July 29, 2017, and is not reflected in this table.

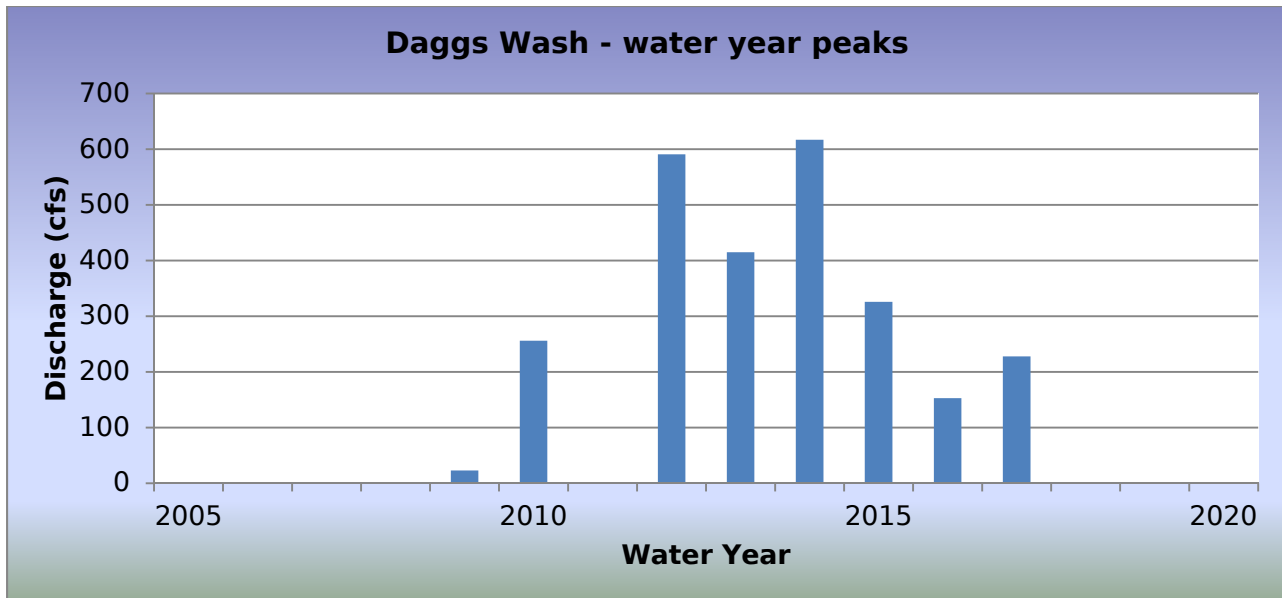
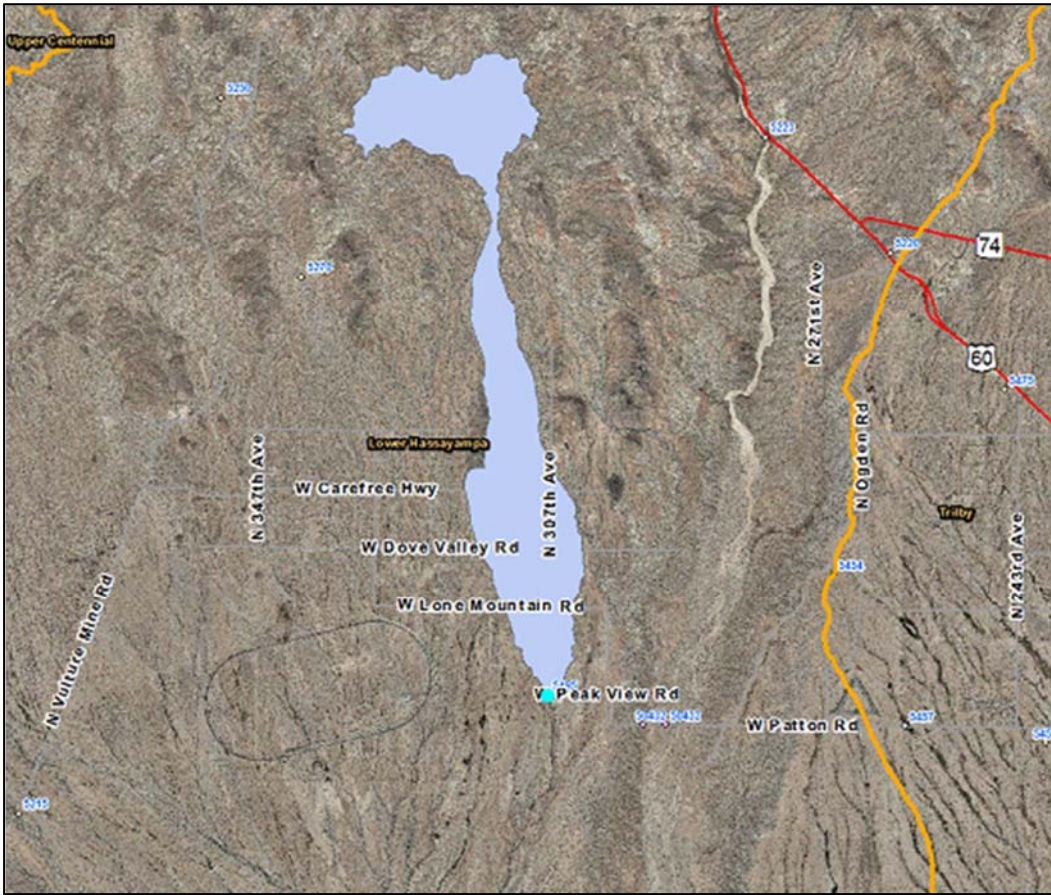
Daggs Wash, ID #5498



Site Data

LOCATION	Near 307th Avenue and Peak View Road
DRAINAGE AREA	13.3 mi ²
STREAM TYPE	Natural Stream
JURISDICTION	Maricopa County, Arizona
WATERSHED	Lower Hassayampa
SECTION/TOWNSHIP/RANGE	S25 T5N R5W
LATITUDE	N 33° 44' 45.2" +33.74590
LONGITUDE	W 112° 43' 30.2" -112.72506
STREAMGAGE INSTALLATION DATE	11/08/2007 - WY 2008
AVAILABLE PERIOD OF RECORD (POR)	11/08/2007 - Current
LENGTH OF AVAILABLE POR DATA	9.90 Years 3,615 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.15 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,668.62 feet NAVD 1988
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	617 cfs 2.10 feet Gage Height 08/19/2014

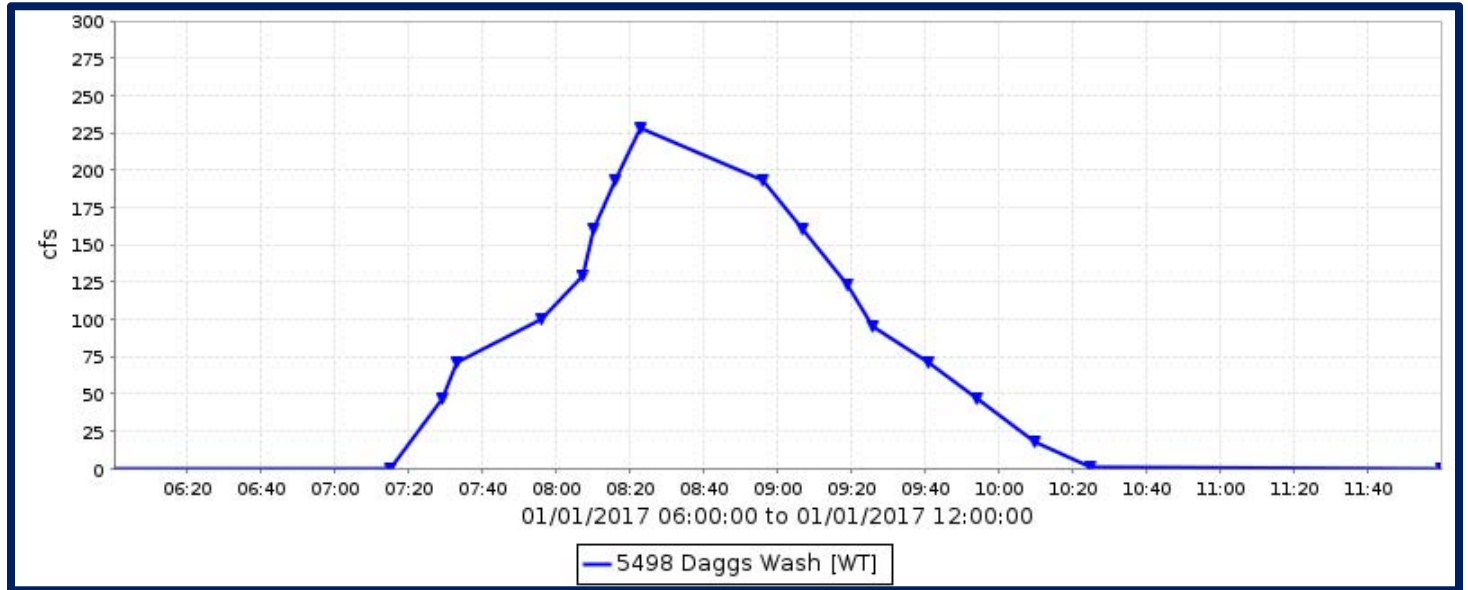
Watershed Maps



WY2017 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
10/13/2016	0.90	193
01/01/2017	1.00	228
01/20/2017	0.38	47
01/21/2017	0.63	109

Hydrograph of peak WY 2017 flow event, 01/01/2017



Flood Flow Frequency

There is not enough data to compute a flood flow frequency for this gage station.

Daggs Wash, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				15								
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13	13											
14												
15												
16												
17												
18												
19												
20				2								
21				6								
22												
23												
24												
25												
26												
27												
28												
29		---			---							
30					---							
31		---			---		---		---			---
TOTAL	13	0	0	24	0	0	0	0	0	0	0	0
MEAN	0	0	0	1	0	0	0	0	0	0	0	0
MAX	193	0	0	228	0	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	25	0	0	47	0	0	0	0	0	0	0	0
WTR YR 2017	TOTAL		36	MEAN	0	MAX	228	MIN	0	AC_FT		72

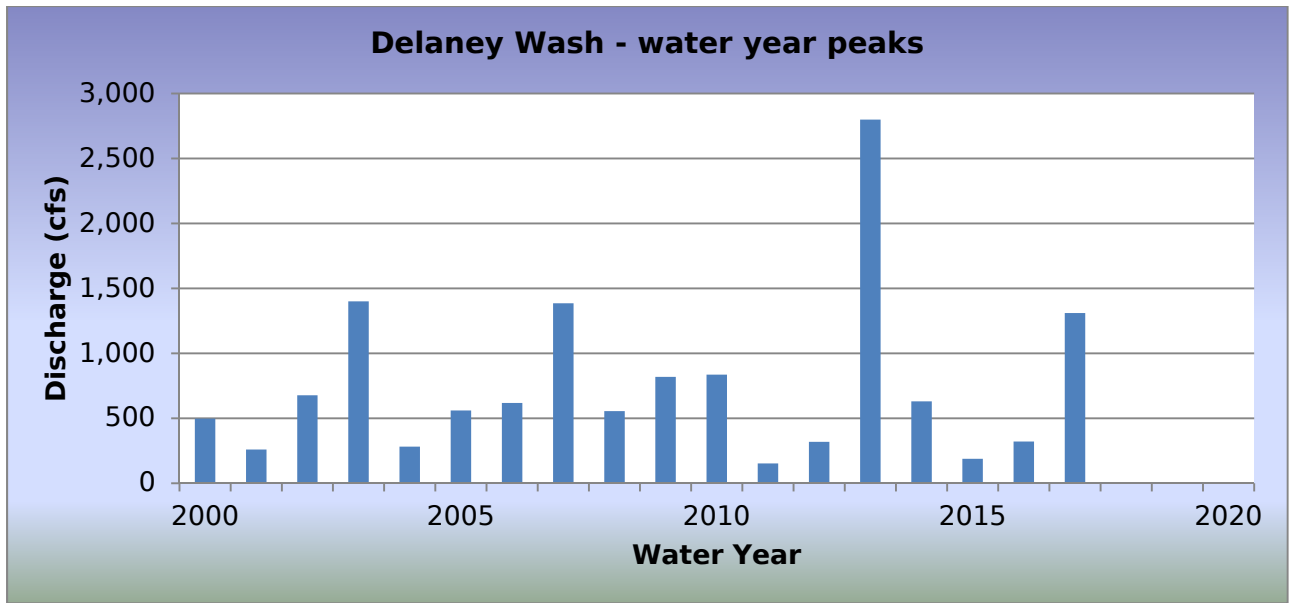
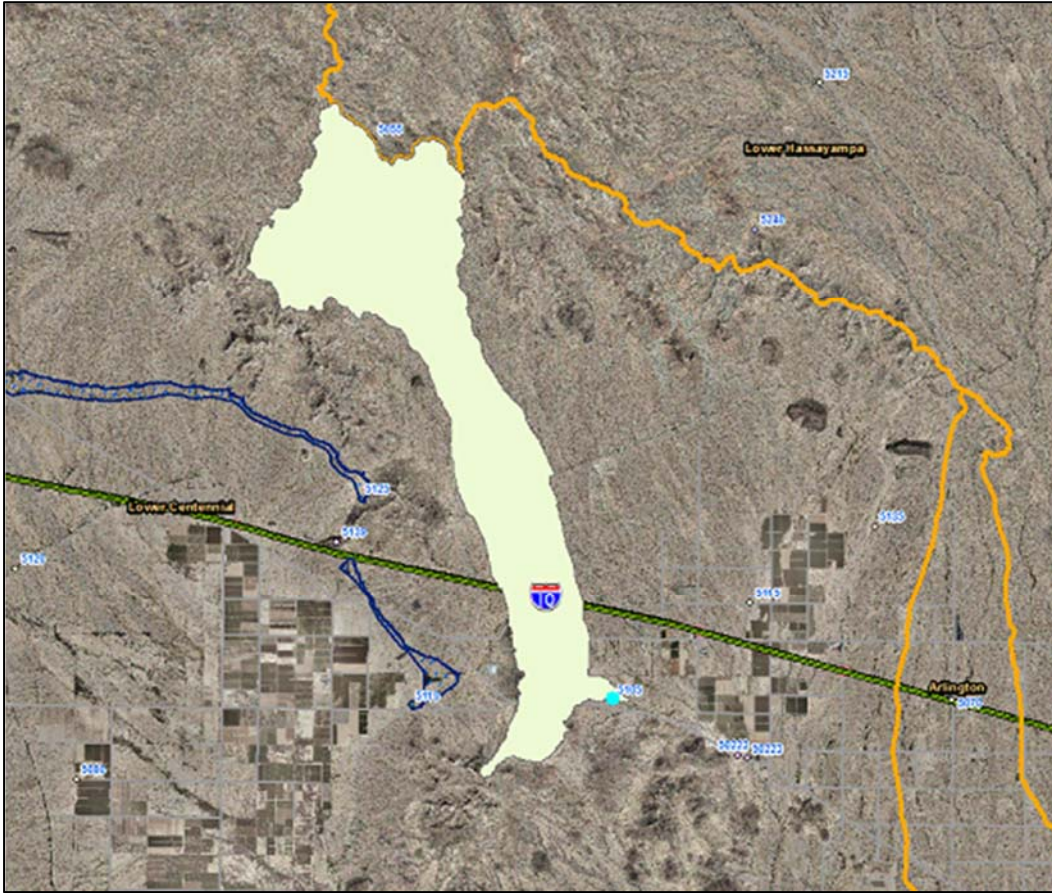
Delaney Wash - ID #5108



Site Data

LOCATION	Near Salome Road and 427th Avenue
DRAINAGE AREA	49 mi ²
STREAM TYPE	Natural Stream
JURISDICTION	Maricopa County, Arizona
WATERSHED	Lower Centennial
SECTION/TOWNSHIP/RANGE	S34 T2N R7W
LATITUDE	N 33° 28' 08.3" +33.46897
LONGITUDE	W 112° 58' 10.4" -112.96955
STREAMGAGE INSTALLATION DATE	12/22/1999 - WY 2000
AVAILABLE PERIOD OF RECORD (POR)	12/22/1999 - Current
LENGTH OF AVAILABLE POR DATA	17.78 Years 6,493 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.11 feet Gage Height
STAFF GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,112.03 feet NAVD 1988
POINT OF ZERO FLOW	0.2 feet Gage Height
EXTREME FOR PERIOD OF RECORD	2,800 cfs 8.06 feet 09/09/2013

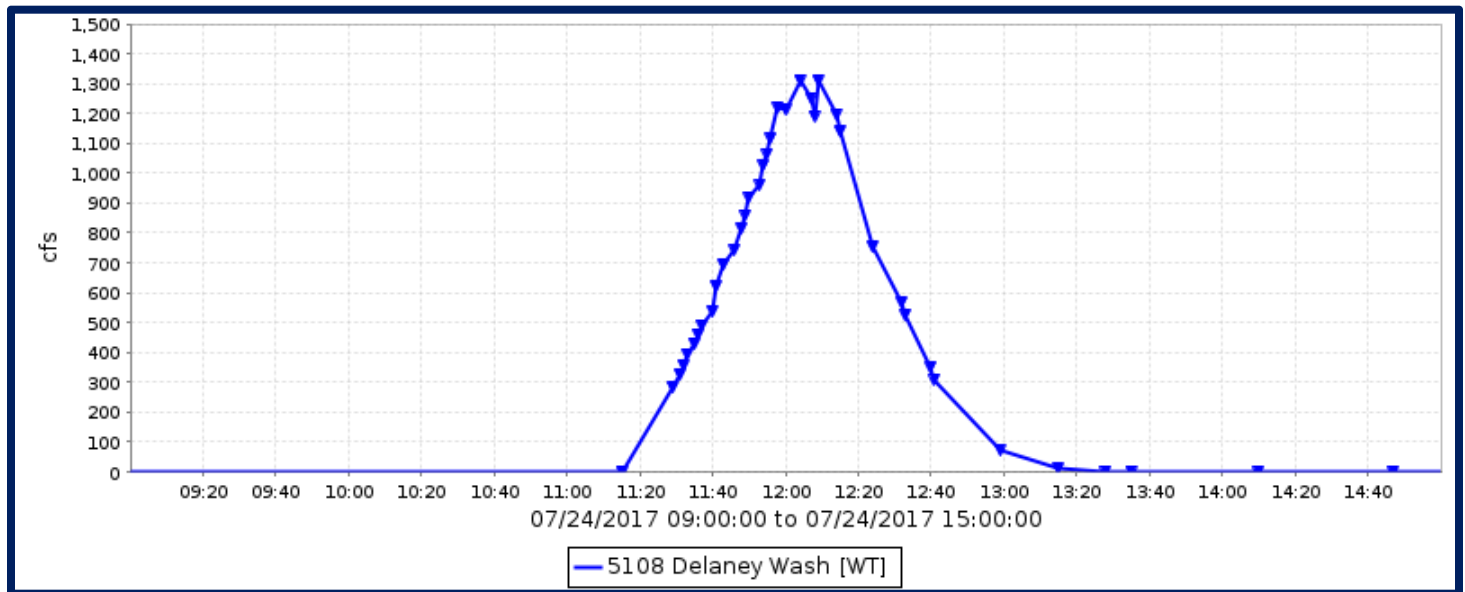
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
07/24/2017	5.85	1,310
08/01/2017	1.79	96
08/03/2017	1.89	114
08/03/2017	2.43	247
09/07/2017	2.23	195

Hydrograph of peak WY 2017 flow event, 07/24/2017



Flood Flow Frequency

Flood Flow Frequency N=18, HEC-WRC computation (based on 18 years of data)					
2-year	5-year	10-year	20-year	50-year	100-year
570	1,090	1,450	1,930	2,680	3,340

NOTE: These results are based on very limited data.

Delaney Wash, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1											2	
2												
3											38	
4											20	
5												
6												
7												8
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												---
18												
19												
20												
21												
22												
23												
24										48		
25							27					
26							3					
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	0	0	0	29	0	0	48	60	8
MEAN	0	0	0	0	0	0	1	0	0	2	2	0
MAX	0	0	0	0	0	0	1309	0	0	1310	247	195
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	58	0	0	95	119	15
WTR YR 2017	TOTAL	145	MEAN	0	MAX	1310	MIN	0	AC_FT	287		

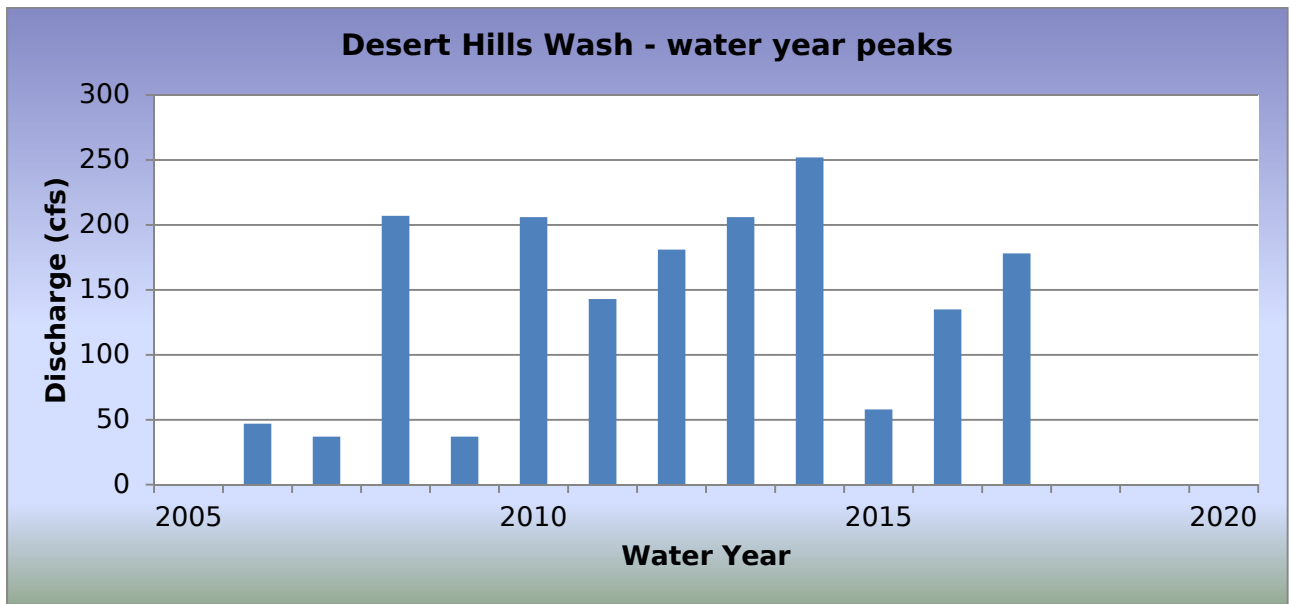
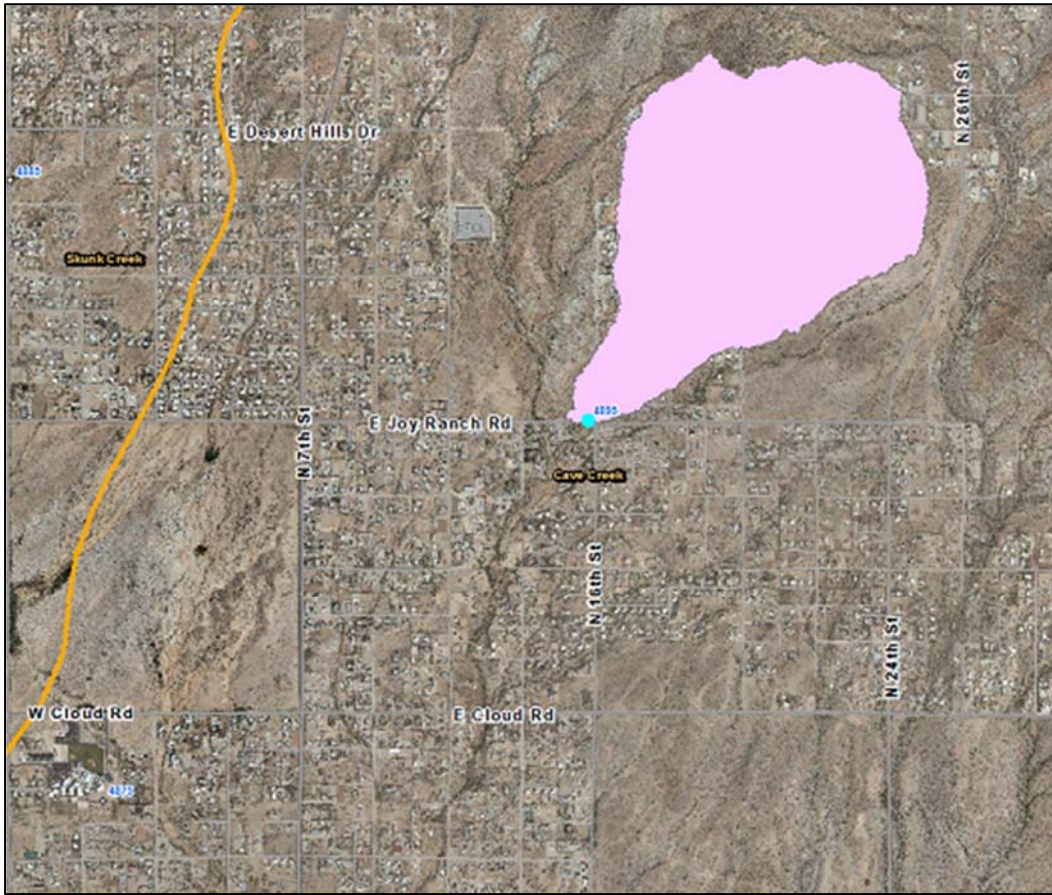
Desert Hills Wash, ID #4898



Site Data

LOCATION	Located west of 16th Street, on Joy Ranch Road
DRAINAGE AREA	1.0 mi ²
STREAM TYPE	Culvert on natural stream
JURISDICTION	Maricopa County, Arizona
WATERSHED	Cave Creek
SECTION/TOWNSHIP/RANGE	S28 T6N R3E
LATITUDE	N 33° 49' 41.6" +33.82882
LONGITUDE	W 112° 02' 54.0" -112.04832
STREAMGAGE INSTALLATION DATE	03/02/2006 - WY 2006
AVAILABLE PERIOD OF RECORD (POR)	03/02/2006 - Current
LENGTH OF AVAILABLE POR DATA	11.58 Years 4,231 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.50 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	0.00 feet Gage Height
POINT OF ZERO FLOW	0.55 feet Gage Height
EXTREME FOR PERIOD OF RECORD	252 cfs 4.90 feet 08/19/2014 & 09/08/2014

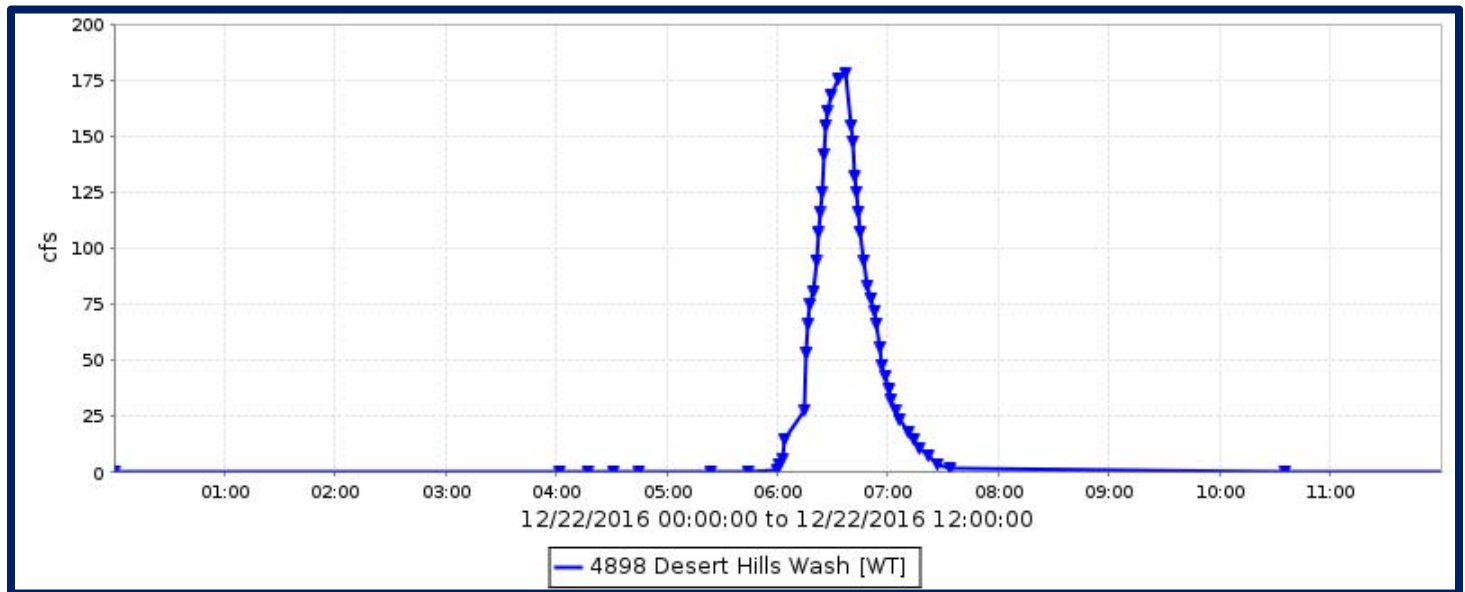
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
10/13/2016	1.91	53
12/22/2016	3.91	178
01/01/2017	1.18	19
01/01/2017	2.79	104
01/21/2017	1.37	28
07/31/2017	1.68	42

Hydrograph of peak WY 2017 flow event, 12/22/2016



Flood Flow Frequency

Flood Flow Frequency N=12, HEC-WRC computation (based on 12 years of data)					
2-year	5-year	10-year	20-year	50-year	100-year
120	215	284	354	446	517

Desert Hills Wash, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values												
	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	2												
14													
15													
16													
17													
18													
19													
20				1									
21				1									
22			4										
23													
24													
25													
26													
27													
28													
29							---						
30							---						
31		---					---		---	1		---	
TOTAL	2	0	4	6	0	0	0	0	0	1	0	0	
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	
MAX	53	0	178	104	0	0	0	0	0	42	3	0	
MIN	0	0	0	0	0	0	0	0	0	0	0	0	
AC_FT	4	0	8	13	0	0	0	0	0	3	0	0	
WTR YR 2017	TOTAL		14	MEAN		0	MAX	178	MIN		0	AC_FT	28

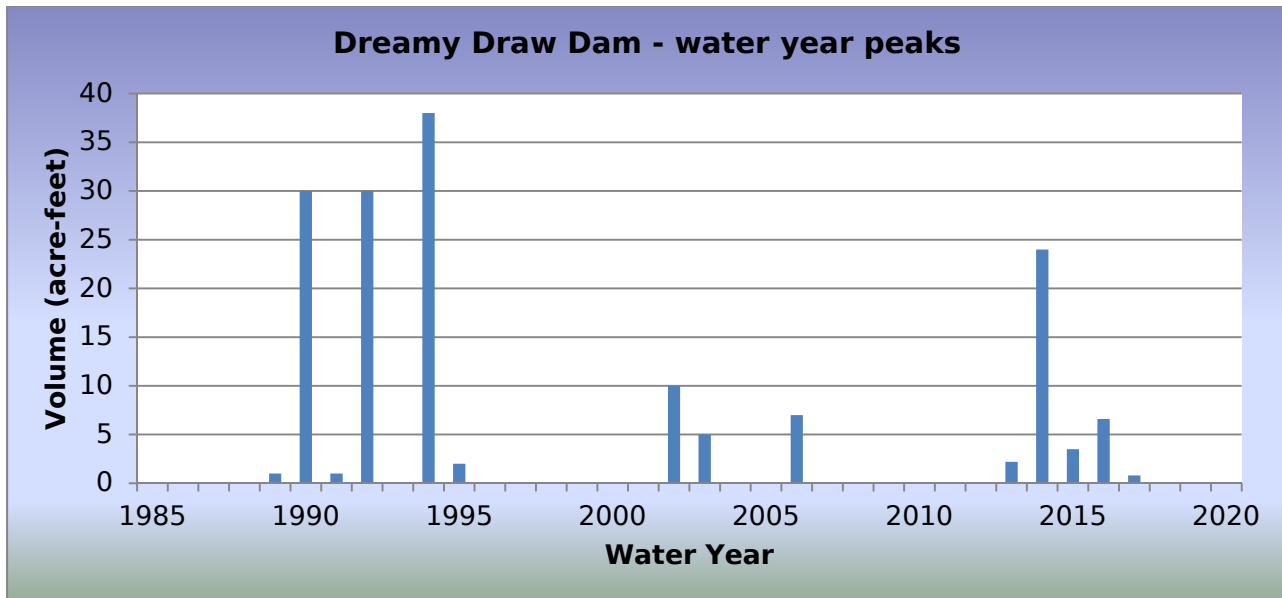
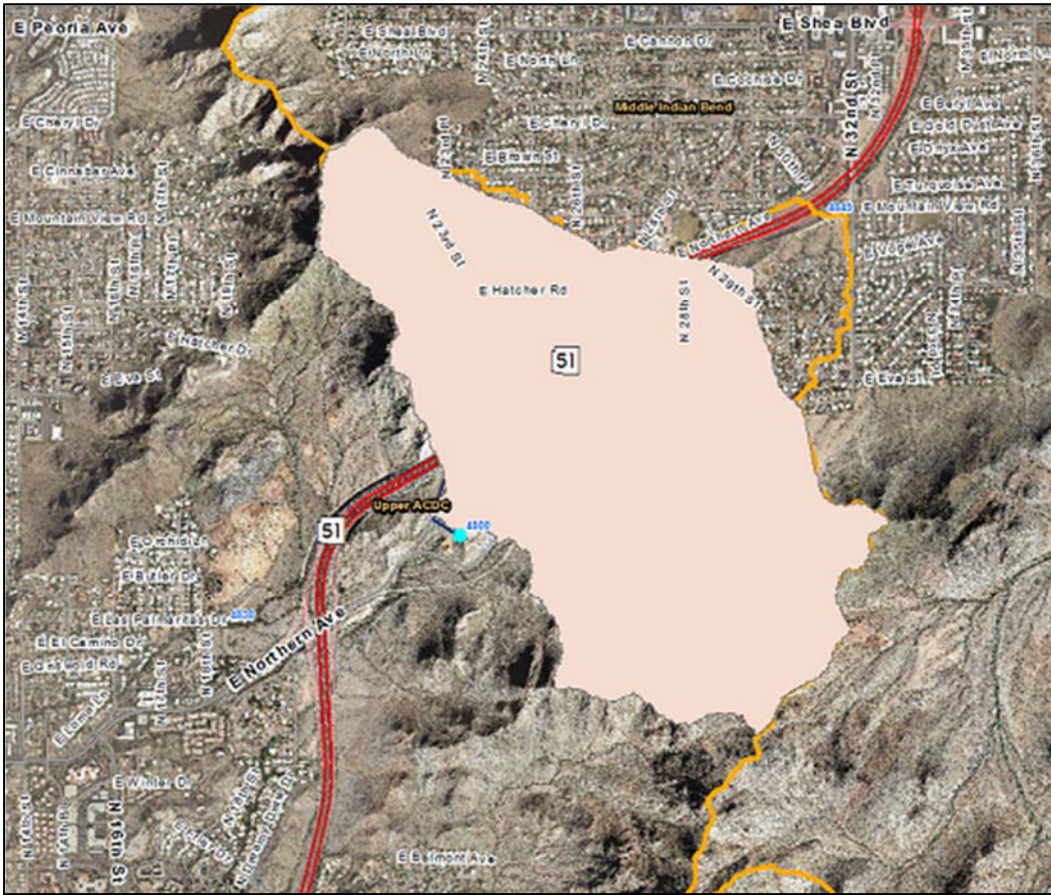
Dreamy Draw Dam, ID #4803



Site Data

LOCATION	Located near Northern Avenue and SR 51
DRAINAGE AREA	1.35 mi ²
JURISDICTION	Phoenix, Arizona
WATERSHED	Upper ACDC
SECTION/TOWNSHIP/RANGE	S34 T3N R3E
LATITUDE	N 33° 33' 43.8" +33.56217
LONGITUDE	W 112° 01' 53.7" -112.03159
STREAMGAGE INSTALLATION DATE	01/24/1984 - WY 1984
AVAILABLE PERIOD OF RECORD (POR)	08/29/1988 - Current
LENGTH OF AVAILABLE POR DATA	29.09 Years 10,625 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.12 feet Gage Height
STAFF GAGES	9
ZERO GAGE HEIGHT ELEVATION	1,371.46 feet NAVD1988
POINT OF ZERO FLOW	0.00 feet Gage Height
SPILLWAY ELEVATION	35.50 feet Gage Height
TOP OF DAM ELEVATION	47.04 feet Gage Height

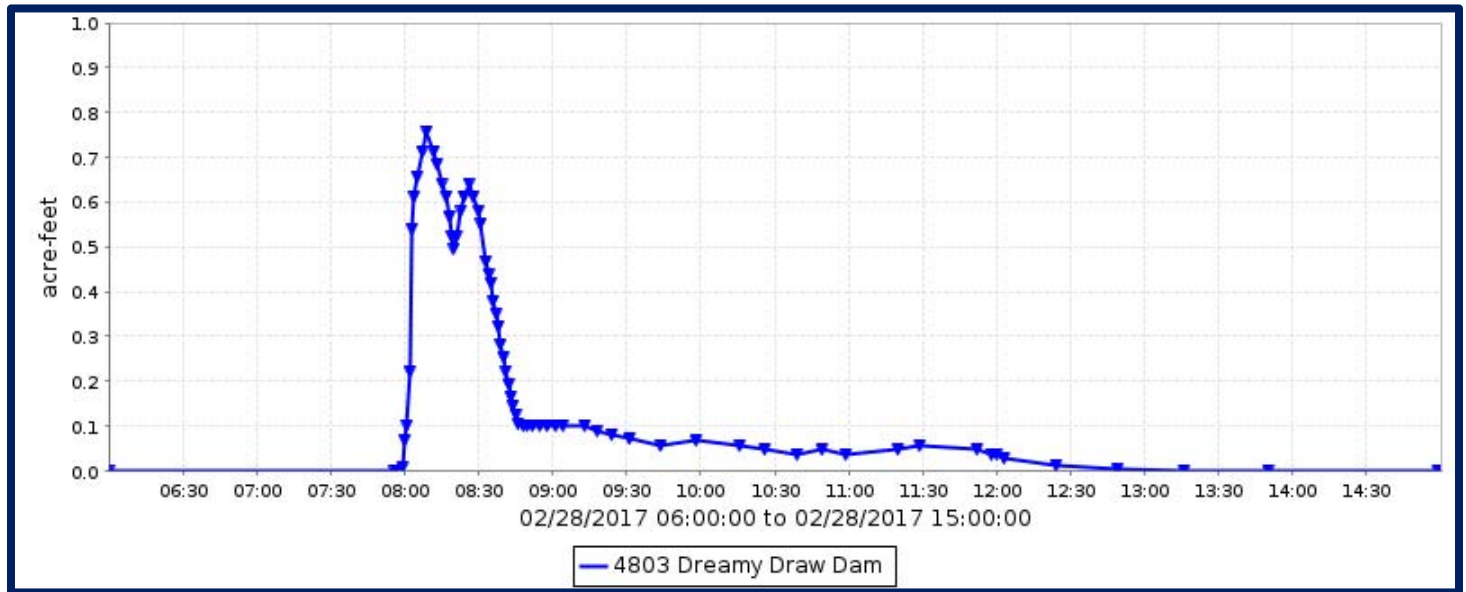
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
12/22/2016	1.63	0.1	0.0
01/01/2017	4.02	0.4	0.1
02/28/2017	5.40	0.8	0.2
07/21/2017	4.52	0.5	0.2

Hydrograph of peak WY 2017 impoundment event, 02/28/2017



Dreamy Draw Dam, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values												
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1				2									
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21										1			
22			1										
23													
24											1		
25													
26													
27													
28					5								
29					---								
30					---								
31		---			---		---		---			---	
TOTAL	0	0	1	2	5	0	0	0	0	1	2	3	
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	
MAX	0	0	16	62	85	0	0	0	0	71	4	1	
MIN	0	0	0	0	0	0	0	0	0	0	0	0	
AC_FT	0	0	1	4	9	0	0	0	0	3	5	6	
WTR YR 2017	TOTAL		14	MEAN		0	MAX	85	MIN		0	AC_FT	28

Dreamy Draw Dam, volume data

Volume, in acre-feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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	0	0	0	0	1	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2017	MEAN	0	MAX	1	MIN	0						

Dreamy Draw Dam, stage data

Depth, in feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.1	0.1	0.1	0.3	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	0.2	0.1	0.1
22	0.1	0.1	0.2	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	0.5	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	0.1	0.1	1.6	4.0	5.4	0.1	0.1	0.1	0.1	4.5	0.5	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 2017	MEAN	0.12	MAX	5.40	MIN	0.12						

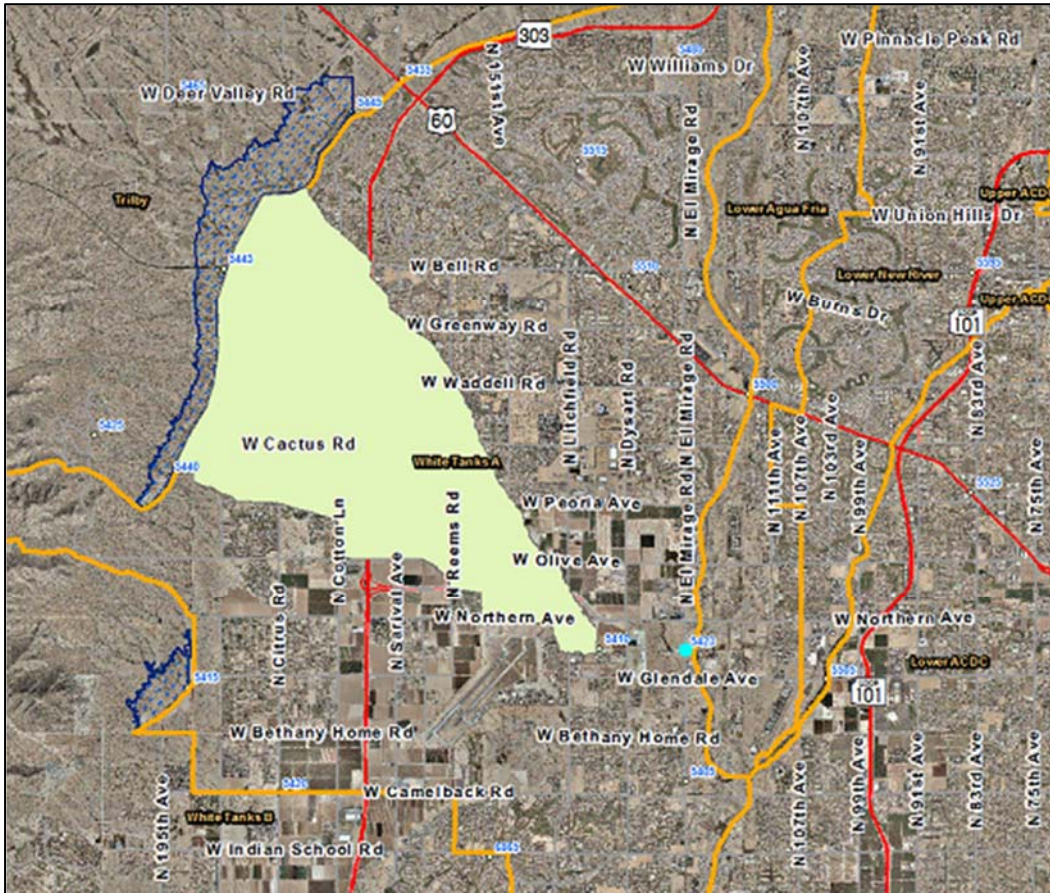
Dysart Drain at LAFB, ID #5413



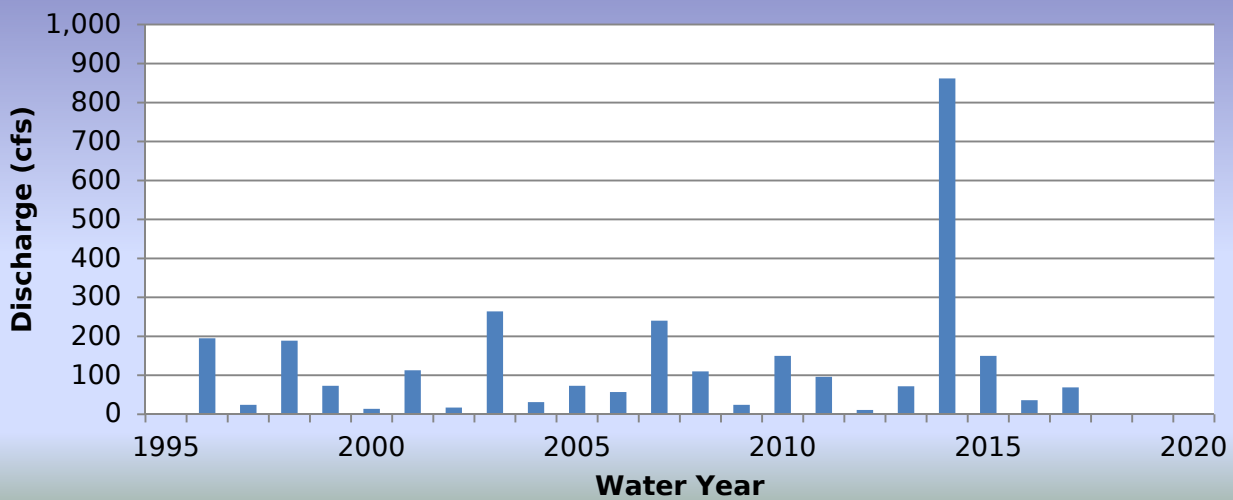
Site Data

LOCATION	On Dysart Drain about 1/3 mile east of Litchfield Road
DRAINAGE AREA	24.3 mi ²
STREAM TYPE	Engineered Channel
JURISDICTION	Glendale, Arizona
WATERSHED	White Tanks A
SECTION/TOWNSHIP/RANGE	S03 T2N R1W
LATITUDE	N 33° 32' 38.3" +33.54397
LONGITUDE	W 112° 20' 57.8" -112.34940
STREAMGAGE INSTALLATION DATE	08/22/1996 - WY 1996
AVAILABLE PERIOD OF RECORD (POR)	08/22/1996 - Current
LENGTH OF AVAILABLE POR DATA	21.11 Years 7,710 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.10 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	0.00 feet Gage Height
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	862 cfs 4.30 feet 09/08/2014

Watershed Map



Dysart Drain at LAFB - water year peaks

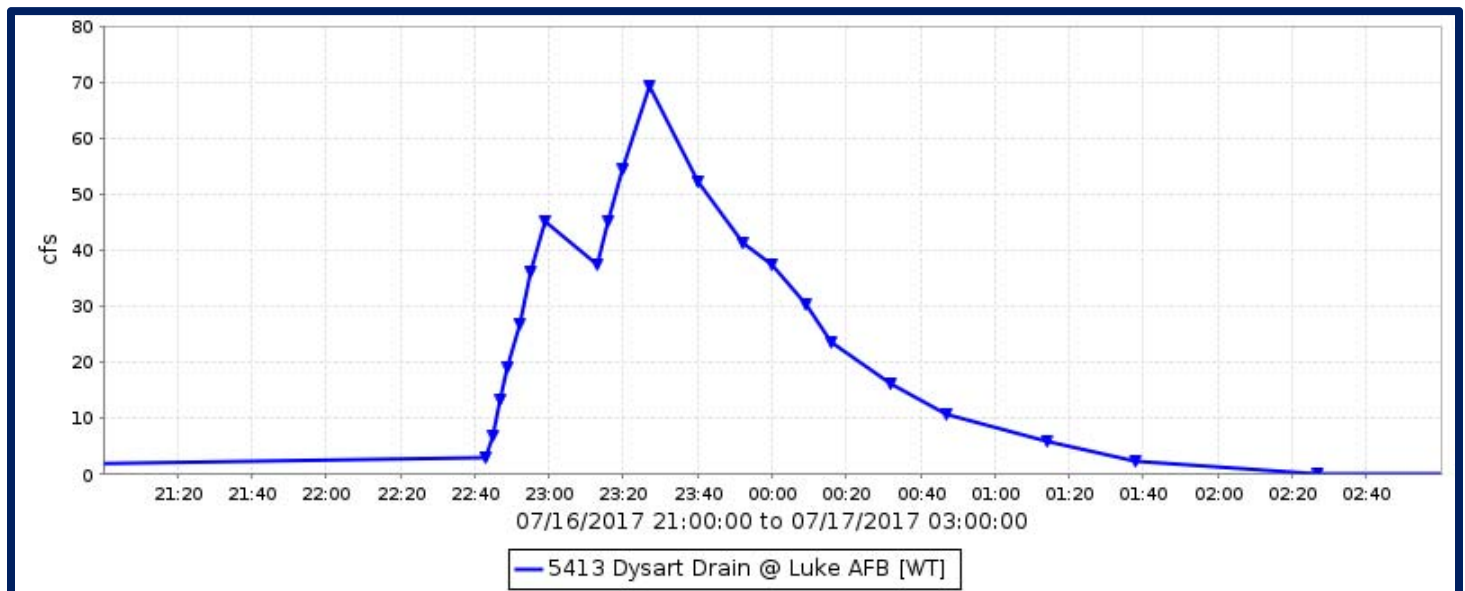


WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
07/16/2017	1.15	69
07/29/2017	1.00	52
08/13/2017	1.10	63

NOTE: There is a more or less continual base flow at this location.

Hydrograph of peak WY 2017 flow event, 07/16/2017



Flood Flow Frequency

Flood Flow Frequency N=22, HEC-WRC computation (based on 22 years of data)					
2-year	5-year	10-year	20-year	50-year	100-year
76	183	291	428	662	888

NOTE: These results are based on very limited data.

Dysart Drain at LAFB, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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											8	
14												
15												
16										2		
17										1		
18												
19												
20												
21												
22												
23												
24												
25							9					
26							6					
27												
28												
29					---					3		
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	0	0	0	14	0	0	6	8	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	2	0	0	0	63	29	0	69	63	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	28	0	0	13	16	0
WTR YR 2017	TOTAL	29	MEAN	0	MAX	69	MIN	0	AC_FT	57		

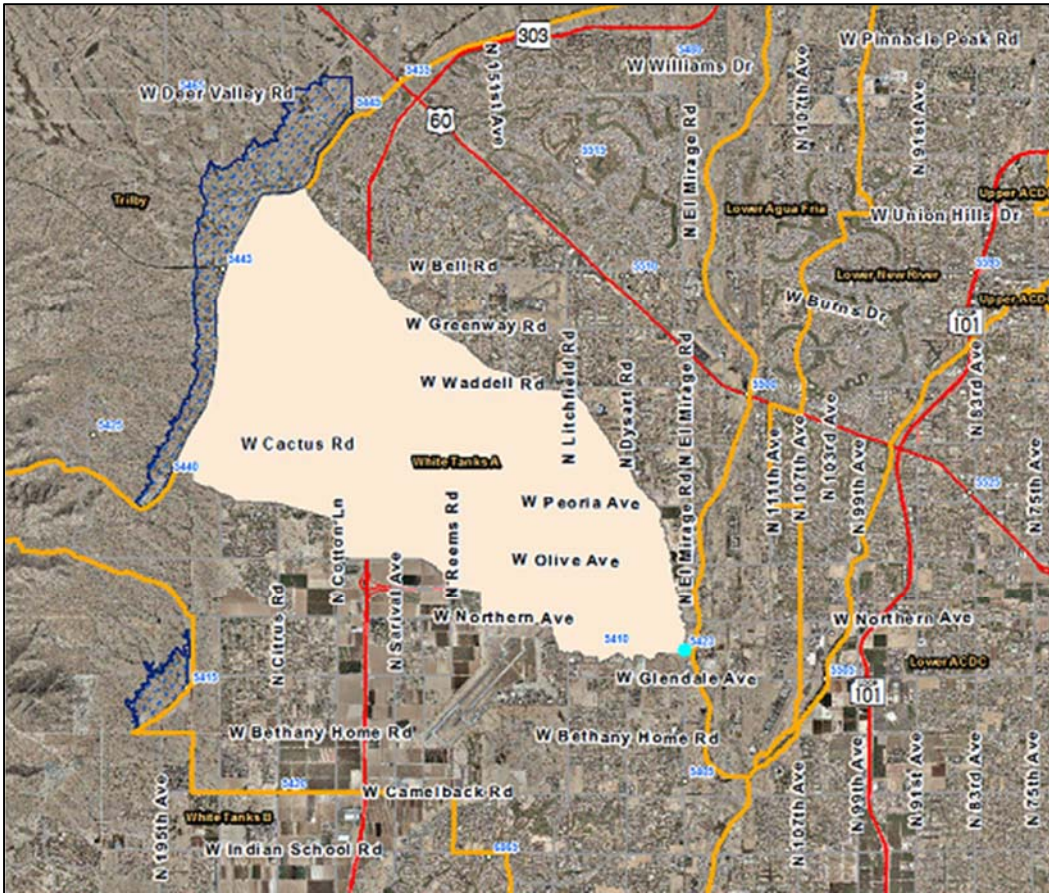
Dysart Drain at El Mirage Road, ID #5423



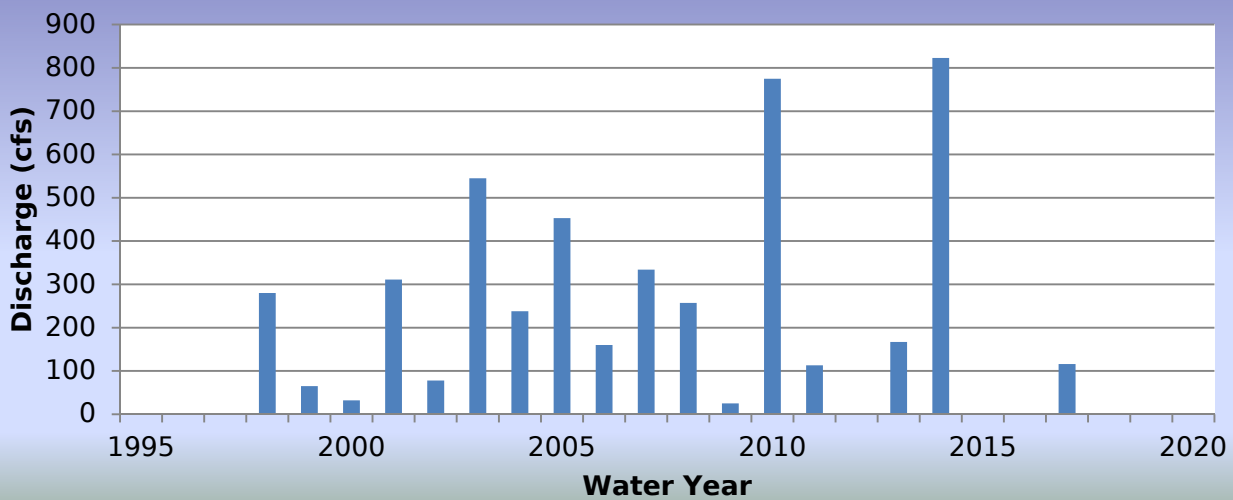
Site Data

LOCATION	On El Mirage Road about mid-way between Glendale and Northern Avenues
DRAINAGE AREA	34.7 mi ²
STREAM TYPE	Engineered Channel
JURISDICTION	Glendale, Arizona
WATERSHED	White Tanks A
SECTION/TOWNSHIP/RANGE	S016 T2N R1W
LATITUDE	N 33° 32' 37.1" +33.54370
LONGITUDE	W 112° 19' 26.6" -112.32399
STREAMGAGE INSTALLATION DATE	03/07/1997 - WY 1997
AVAILABLE PERIOD OF RECORD (POR)	03/07/1997 - Current
LENGTH OF AVAILABLE POR DATA	20.57 Years 7,513 Days
DATA GAPS IN POR	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.20 feet Gage Height
STAFF GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,052.20 feet M.S.L.
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	823 cfs 5.30 feet 09/08/2014

Watershed Map



Dysart Drain at El Mirage Road - water year peaks

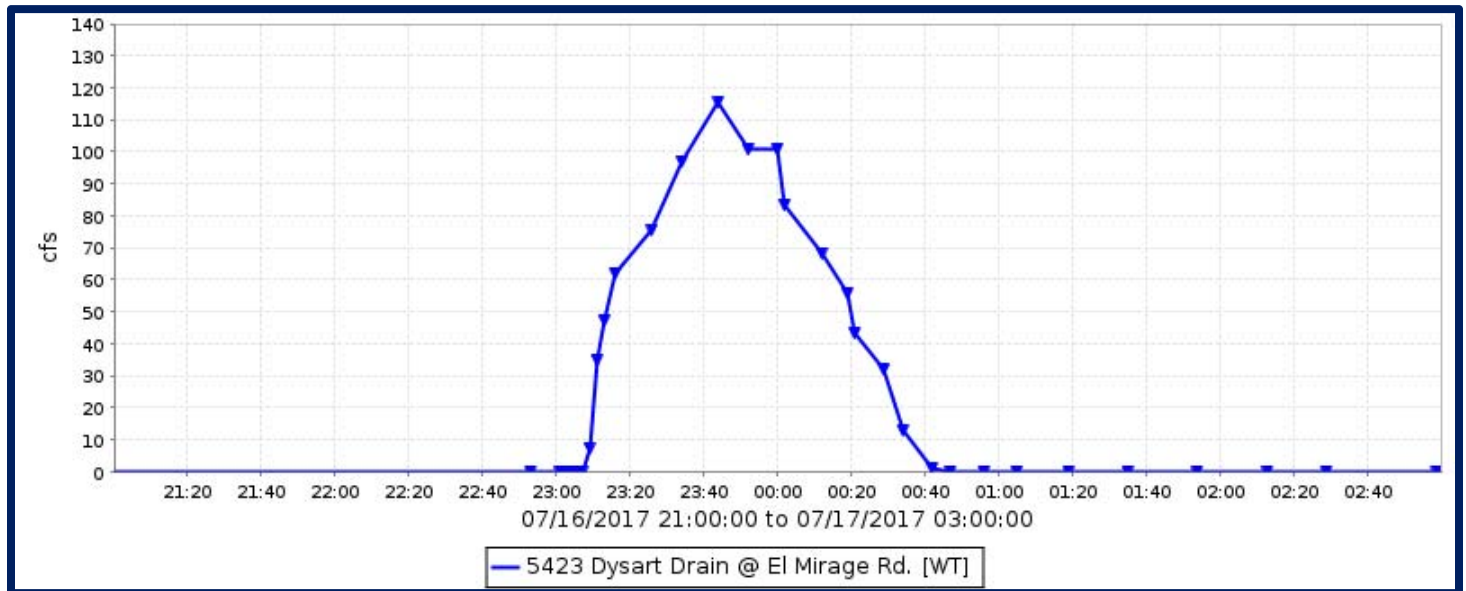


WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
07/16/2017	2.36	116
07/29/2017	2.11	76
08/13/2017	2.19	88

NOTE: There is a more or less continual base flow at this location.

Hydrograph of peak WY 2017 flow event, 07/16/2017



Flood Flow Frequency

Flood Flow Frequency N=24, HEC-WRC computation (based on 24 years of data)					
2-year	5-year	10-year	20-year	50-year	100-year
73	326	663	1,150	2,060	2,970

NOTE: These results are based on very limited data.

Dysart Drain at El Mirage Road, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6						1						
7						1						
8						2						
9												
10												
11												
12												
13						5					3	
14												
15												
16										3		
17										2		
18												
19												
20												
21												
22												
23						89						
24												
25												
26												
27												
28						168						
29						39				2		
30												
31												
TOTAL	0	0	0	0	0	305	0	0	0	6	3	0
MEAN	0	0	0	0	0	10	0	0	0	0	0	0
MAX	0	0	0	0	0	711	0	92	0	116	88	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	606	0	1	0	12	6	0
WTR YR 2017	TOTAL	315	MEAN	1	MAX	711	MIN	0	AC_FT	625		

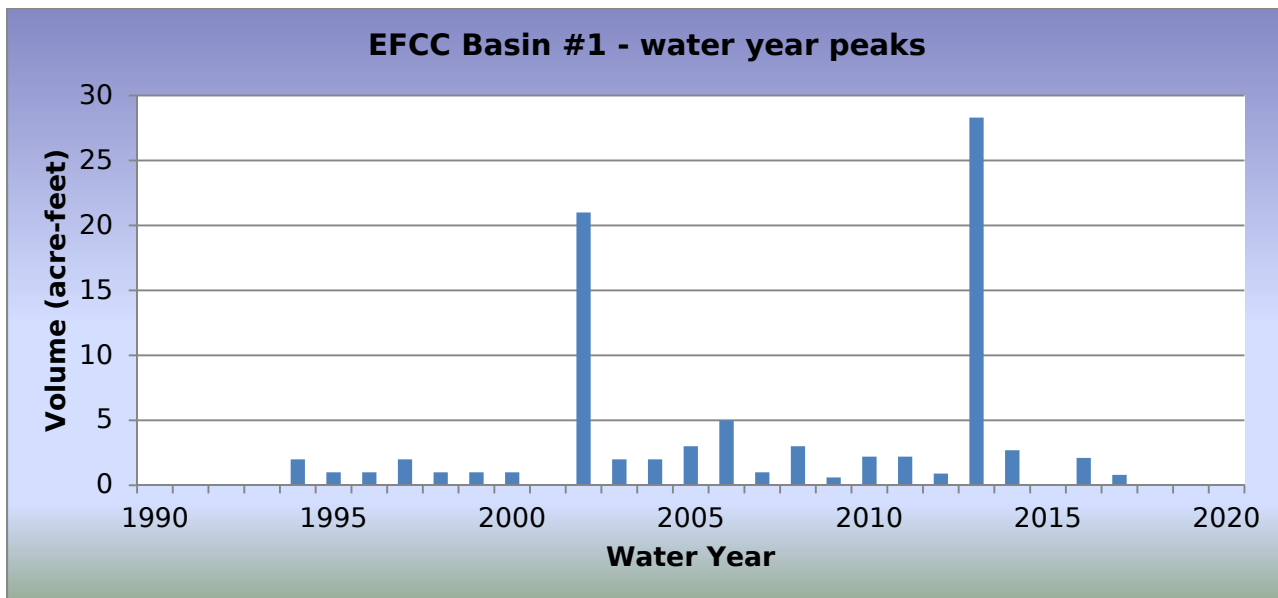
East Fork Cave Creek Basin #1, ID #4648



Site Data

LOCATION	On Beardsley Road east of Cave Creek Road
DRAINAGE AREA	1.18 mi ²
STREAM TYPE	Flood control basin on natural stream
JURISDICTION	Phoenix, Arizona
WATERSHED	Upper ACDC
SECTION/TOWNSHIP/RANGE	S26 T4N R3E
LATITUDE	N 33° 40' 11.3" +33.66981
LONGITUDE	W 112° 01' 31.3" -112.02536
STREAMGAGE INSTALLATION DATE	03/02/1994 - WY 1994
AVAILABLE PERIOD OF RECORD (POR)	03/02/1994 - Current
LENGTH OF AVAILABLE POR DATA DATA	23.58 Years 8,614 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.23 feet Gage Height
ZERO GAGE HEIGHT ELEVATION	1,489.95 feet NAVD88
POINT OF ZERO FLOW	0.00 feet Gage Height
SPILLWAY CREST ELEVATION	No spillway
TOP OF BASIN ELEVATION	7.16 feet Gage Height

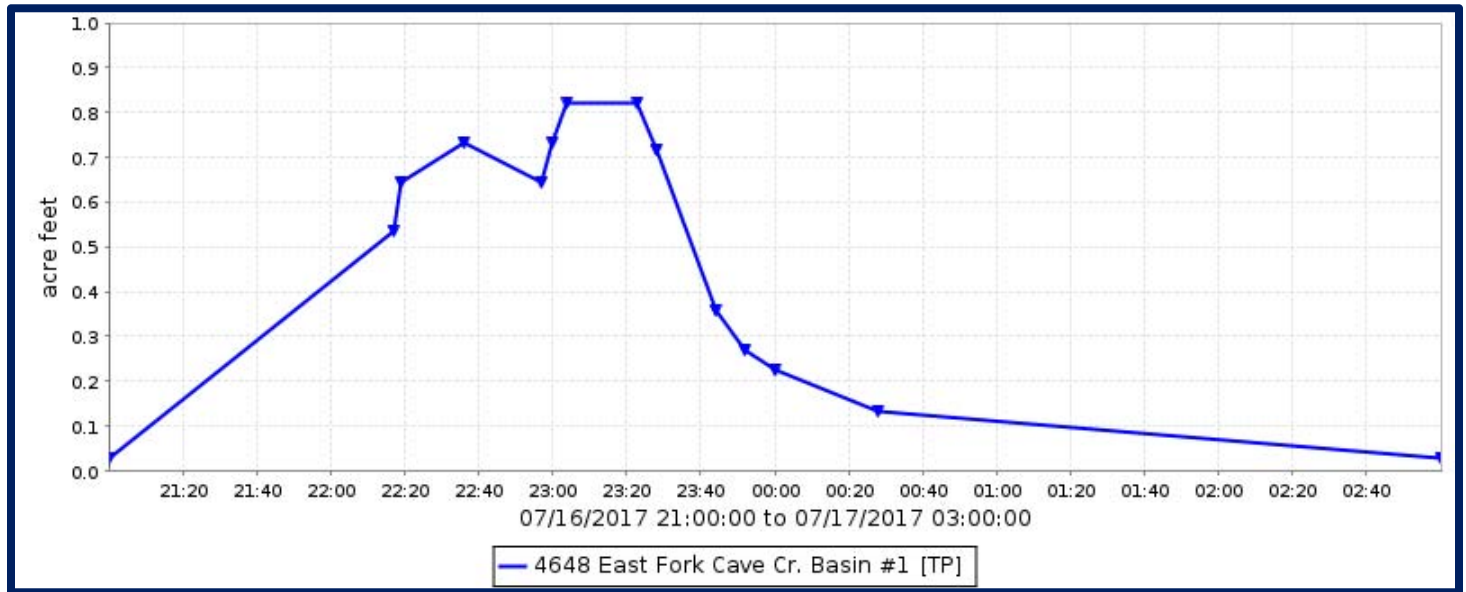
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
12/24/2016	0.54	0.3	0.5
07/16/2017	1.12	0.8	1.7
07/21/2017	1.05	0.8	1.5
07/24/2017	0.77	0.5	0.9
07/29/2017	0.62	0.4	0.7

Hydrograph of peak WY 2017 impoundment event, 07/16/2017



East Fork Cave Creek Basin #1, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values														
	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			---	---							1				
17											1				
18															
19															
20															
21											1				
22															
23															
24			1								1				
25															
26															
27															
28															
29						---									
30						---									
31		---		---	---		---		---			---			
TOTAL	12	14	14	14	9	15	14	15	14	17	15	13			
MEAN	0	0	0	0	0	0	0	0	0	1	0	0			
MAX	0	0	4	0	3	0	0	0	0	13	0	0			
MIN	0	0	0	0	0	0	0	0	0	0	0	0			
AC_FT	24	29	28	29	18	30	29	30	29	33	29	26			
WTR YR 2017	TOTAL		167	MEAN		0	MAX		13	MIN		0	AC_FT		332

East Fork Cave Creek Basin #1, volume data

Volume, in acre-feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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	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 2017	MEAN		0	MAX	1	MIN	0					

East Fork Cave Creek Basin #1, stage data

Depth, in feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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
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
7	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	0.0	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	0.3	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	0.3	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	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.3	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	---
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	0.5	0.2	0.4	0.2	0.2	0.2	0.2	1.1	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 2017	MEAN	0.23	MAX	1.12	MIN	0.23						

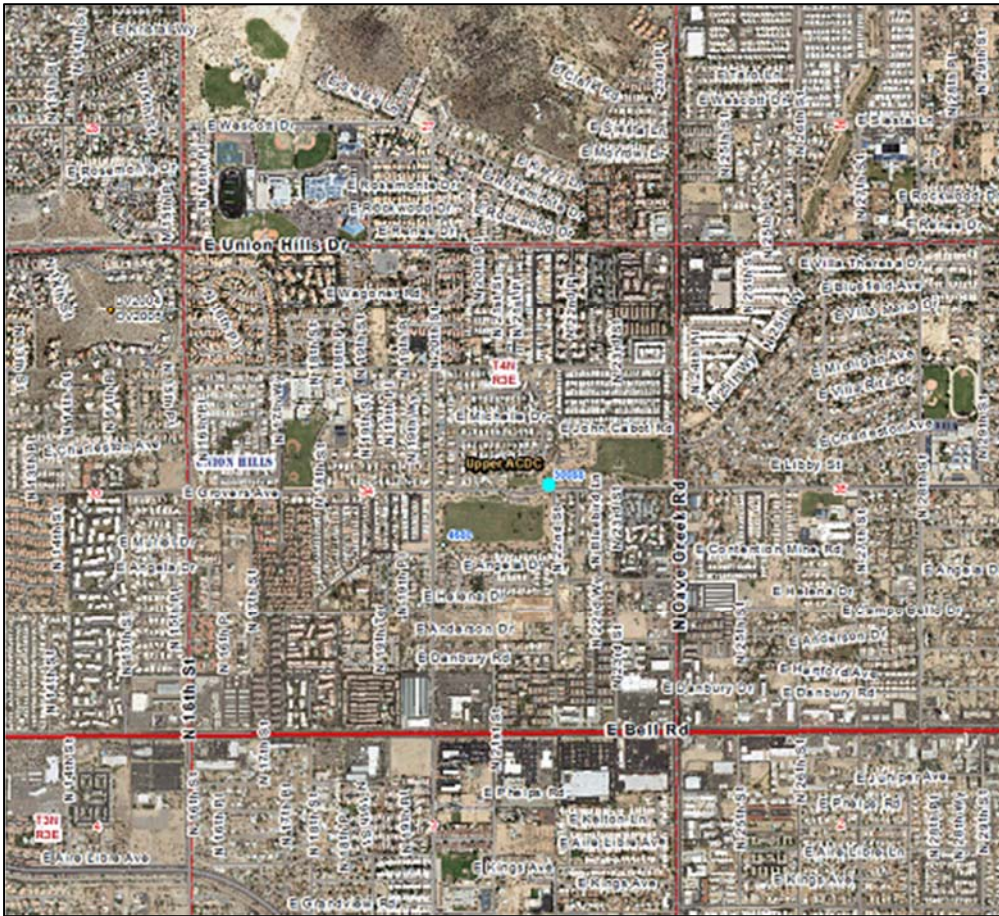
East Fork Cave Creek Basin #3A, ID #8807



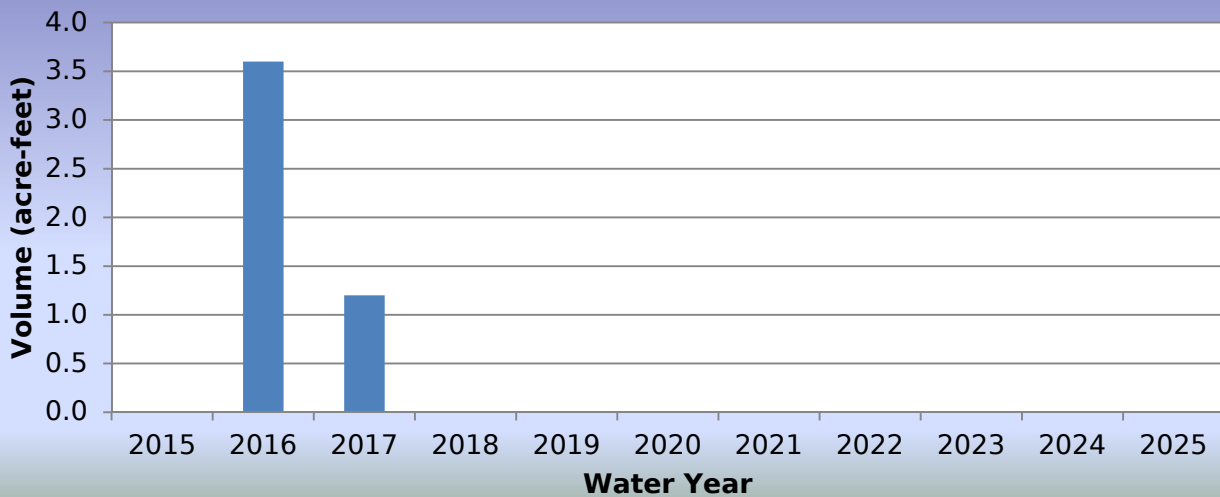
Site Data

LOCATION	Located near Cave Creek Road and Grovers Avenue
DRAINAGE AREA	Undetermined
STREAM TYPE	Flood control basin
JURISDICTION	Phoenix, Arizona
WATERSHED	Upper ACDC
SECTION/TOWNSHIP/RANGE	S34 T4N R3E
LATITUDE	N 33° 38' 46.0" +33.65630
LONGITUDE	W 112° 02' 21.0" -112.03840
STREAMGAGE INSTALLATION DATE	10/14/2015 - WY 2016
AVAILABLE PERIOD OF RECORD (POR)	10/14/2015 - Current
LENGTH OF AVAILABLE POR DATA	1.97 Years 718 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.00 feet Gage Height
STAFF GAGES	0
ZERO GAGE HEIGHT ELEVATION	0.00 feet Gage Height
POINT OF ZERO FLOW	0.00 feet Gage Height
SPILLWAY CREST ELEVATION	No spillway
TOP OF BASIN ELEVATION	14.3 feet Gage Height

Watershed Map



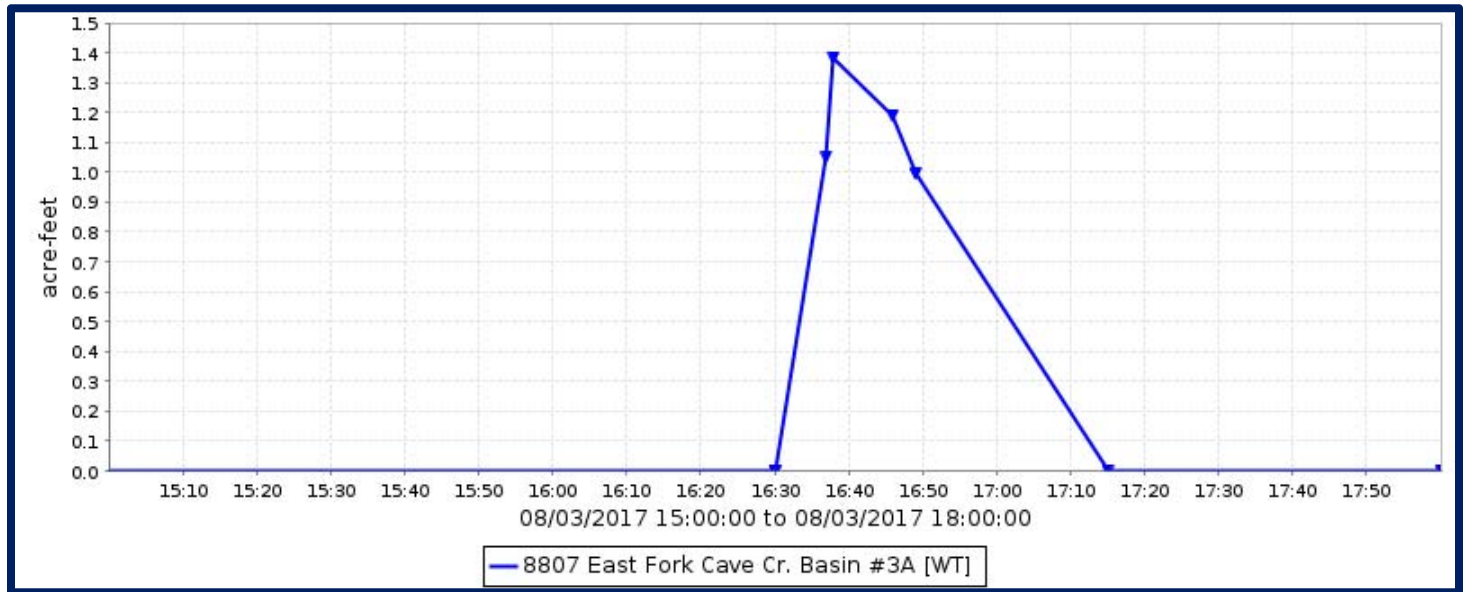
EFCC Basin #3a - water year peaks



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
10/13/2016	0.96	1.0	0.8
12/22/2016	0.99	1.1	0.9
01/20/2017	1.01	1.1	0.9
01/23/2017	1.06	1.2	1.0
08/03/2017	1.16	1.4	1.2

Hydrograph of peak WY 2017 impoundment event, 08/03/2017



EFCC Basin #3A, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values														
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP			
1															
2															
3											1				
4															
5															
6															
7															
8															
9															
10															
11															
12															
13	10														
14															
15															
16															
17															
18															
19															
20				3											
21															
22			2												
23				5											
24															
25															
26															
27															
28															
29							---								
30							---								
31		---					---		---			---			
TOTAL	10	0	2	8	0	0	0	0	0	0	1	0			
MEAN	0	0	0	0	0	0	0	0	0	0	0	0			
MAX	28	0	29	31	0	0	0	0	0	0	34	0			
MIN	0	0	0	0	0	0	0	0	0	0	0	0			
AC_FT	19	0	3	17	0	0	0	0	0	0	2	0			
WTR YR 2017	TOTAL		20	MEAN		0	MAX		34	MIN		0	AC_FT		40

EFCC Basin #3A, volume data

Volume, in acre-feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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	1	1	0	0	0	0	0	0	1	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2017	MEAN		0	MAX	1	MIN	0					

EFCC Basin #3A, stage data

Depth, in feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
2	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
3	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
4	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
5	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
6	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
7	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
9	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
10	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
11	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
12	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
13	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
14	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
15	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
16	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
17	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
18	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
19	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
20	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
21	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
22	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
23	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
24	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
25	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
26	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
27	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
28	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
29	0.8	0.8	0.8	0.8	---	0.8	0.8	0.8	0.8	0.8	0.8	0.8
30	0.8	0.8	0.8	0.8	---	0.8	0.8	0.8	0.8	0.8	0.8	0.8
31	0.8	---	0.8	0.8	---	0.8	---	0.8	---	0.8	0.8	---
MEAN	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
MAX	1.0	0.8	1.0	1.1	0.8	0.8	0.8	0.8	0.8	0.8	1.2	0.8
MIN	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
WTR YR 2017	MEAN	0.80	MAX	1.16	MIN	0.80						

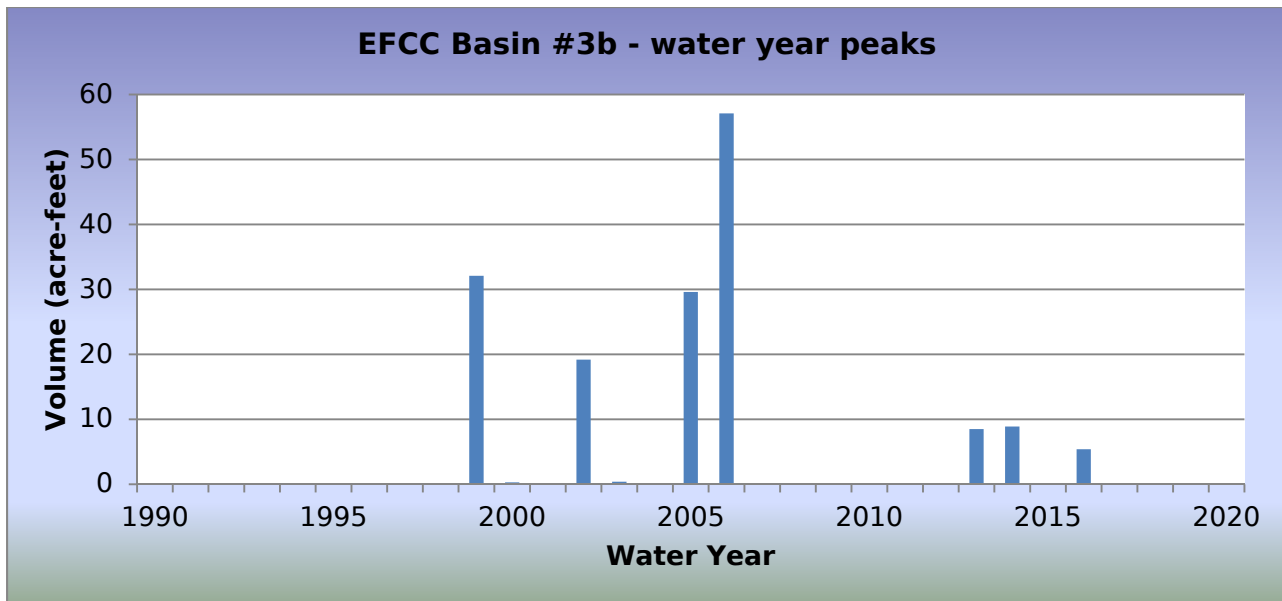
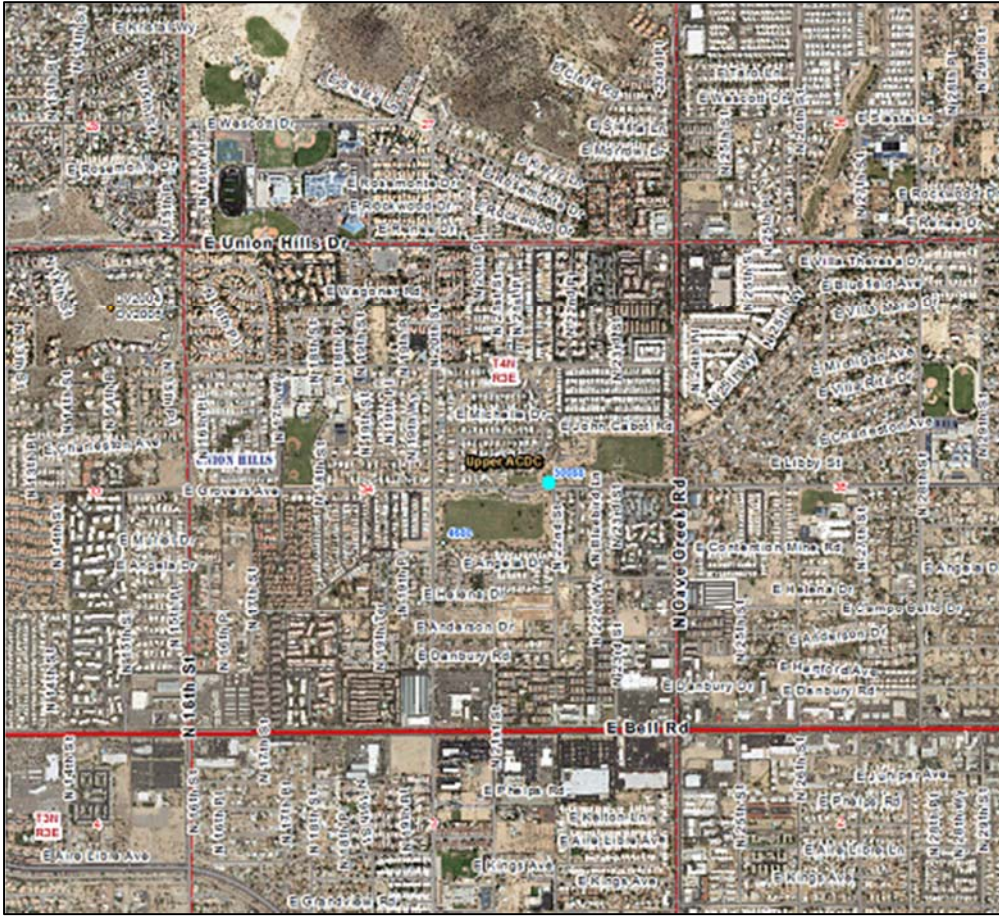
East Fork Cave Creek Basin #3B, ID #4683



Site Data

LOCATION	Near 20th Street and Grovers Avenue
DRAINAGE AREA	3.52 mi ²
STREAM TYPE	Flood control basin on natural stream
JURISDICTION	Phoenix, Arizona
WATERSHED	Upper ACDC
SECTION/TOWNSHIP/RANGE	S34 T4N R3E
LATITUDE	N 33° 38' 45.9" +33.64609
LONGITUDE	W 112° 02' 21.1" -112.03918
STREAMGAGE INSTALLATION DATE	09/13/1994 - WY 1994
AVAILABLE PERIOD OF RECORD (POR)	09/13/1994 - Current
LENGTH OF AVAILABLE POR DATA DATA	23.05 Years 8,419 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.15 feet Gage Height
ZERO GAGE HEIGHT ELEVATION	1,419.45 feet NAVD88
POINT OF ZERO FLOW	0.00 feet Gage Height
SPILLWAY CREST ELEVATION	14.6 feet Gage Height
TOP OF BASIN ELEVATION	15.0 feet Gage Height

Location Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
None			

Hydrograph of peak WY 2017 impoundment event,

No impoundments recorded in Water Year 2017.

East Fork Cave Creek Basin #3B, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values														
	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		---			---		---		---			---			
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 2017	TOTAL		0	MEAN		0	MAX		0	MIN		0	AC_FT		0

East Fork Cave Creek Basin #3B, volume data

Volume, in acre-feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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	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 2017	MEAN	0	MAX	0	MIN	0						

East Fork Cave Creek Basin #3B, stage data

Depth, in feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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
21	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
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
28	0.1	0.1	0.1	0.1	0.2	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	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
MAX	0.1	0.1	0.1	0.1	0.3	0.1	0.1	0.1	0.1	0.1	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 2017	MEAN	0.15	MAX	0.30	MIN	0.15						

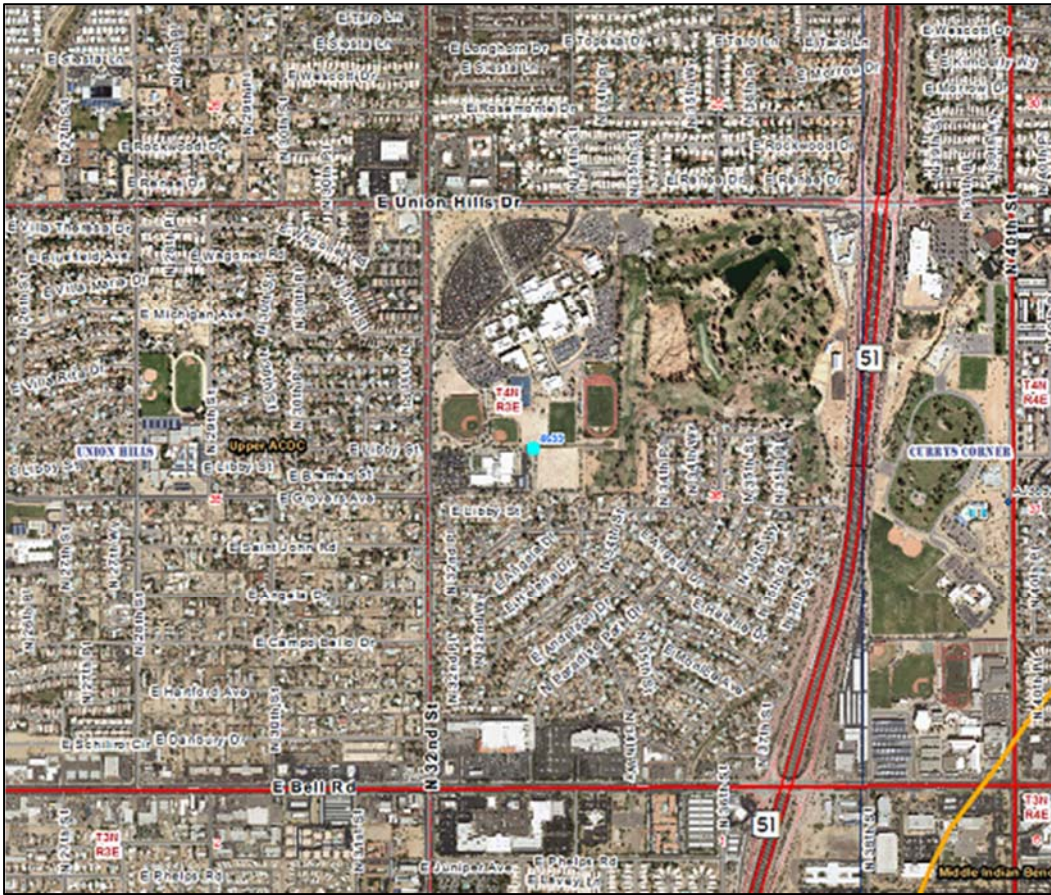
East Fork Cave Creek Basin #4 – ID #4658



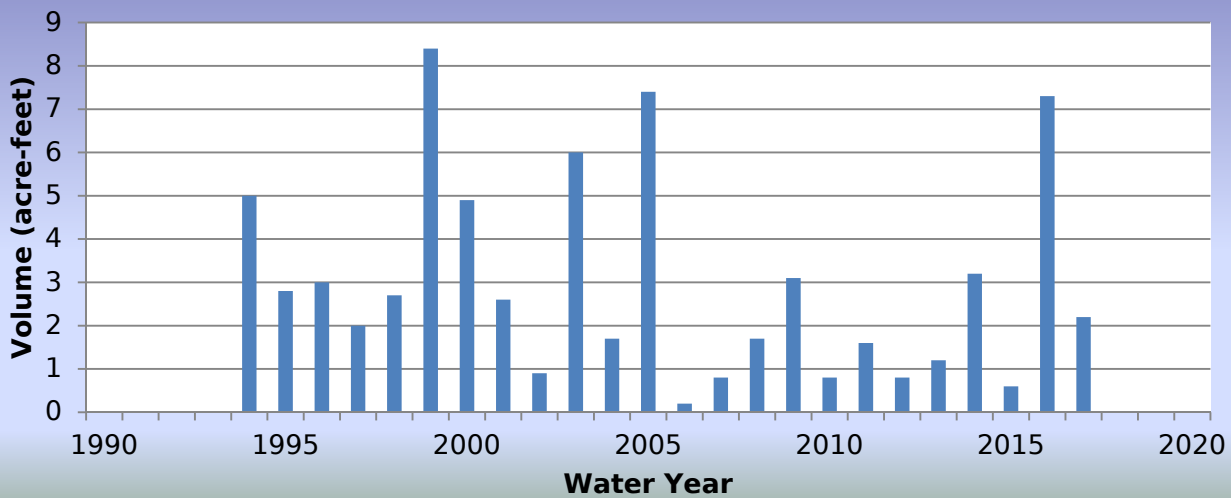
Site Data

LOCATION	Near Paradise Valley Community College
DRAINAGE AREA	0.68 mi ²
JURISDICTION	Phoenix, Arizona
WATERSHED	Upper ACDC
SECTION/TOWNSHIP/RANGE	S36 T4N R3E
LATITUDE	N 33° 38' 56.5" +33.64904
LONGITUDE	W 112° 00' 37.5" -112.01041
STREAMGAGE INSTALLATION DATE	01/18/1994 - WY 1994
AVAILABLE PERIOD OF RECORD (POR)	01/18/1994 - Current
LENGTH OF AVAILABLE POR DATA DATA	23.70 Years 8,657 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.30 feet Gage Height
ZERO GAGE HEIGHT ELEVATION	1,464.57 feet NAVD88
POINT OF ZERO FLOW	0.00 feet Gage Height
SPILLWAY CREST ELEVATION	8.0 feet Gage Height
TOP OF BASIN ELEVATION	8.5 feet Gage Height

Location Map (watershed not available)



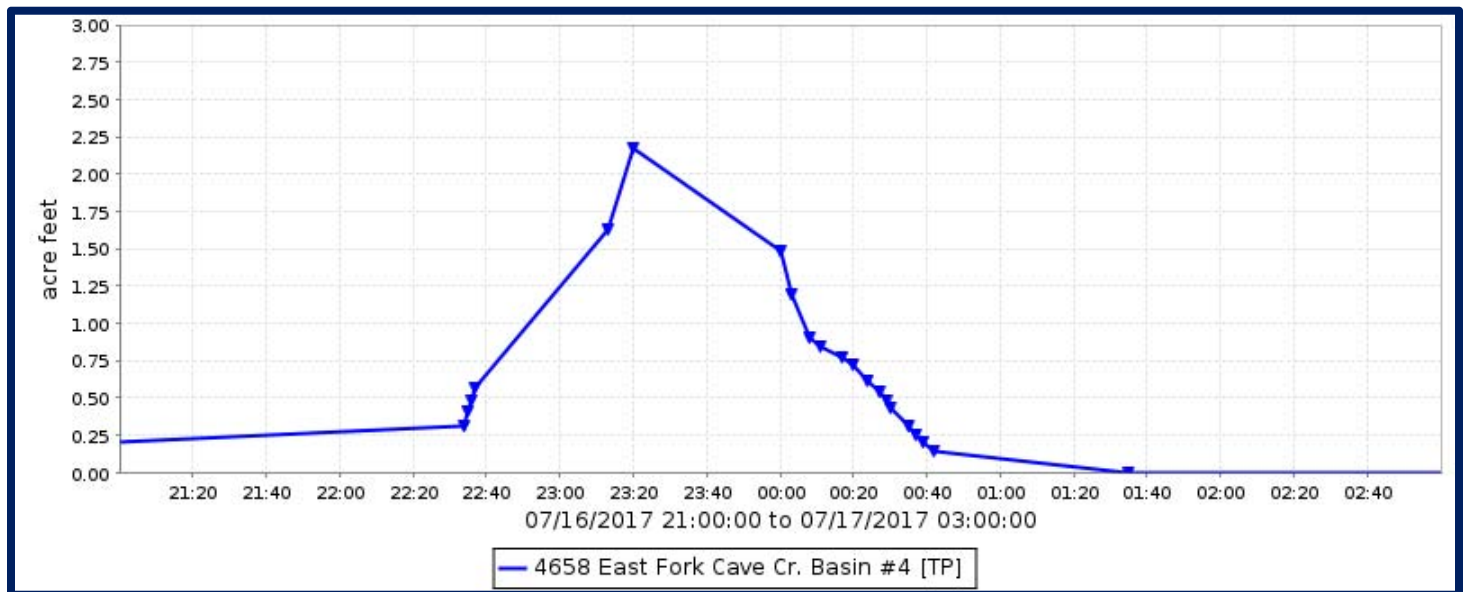
EFCC Basin #4 - water year peaks



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
10/02/2016	1.62	0.7	1.1
10/13/2016	0.94	0.3	0.5
12/22/2016	1.82	0.8	1.4
12/24/2016	1.18	0.5	0.7
01/01/2017	1.13	0.4	0.7
01/20/2017	1.08	0.4	0.6
01/23/2017	1.04	0.4	0.6
02/27/2017	1.13	0.4	0.7
02/28/2017	2.06	1.1	1.8
07/16/2017	2.44	2.2	3.0
07/21/2017	0.73	0.2	0.3
07/24/2017	0.58	0.1	0.2
07/29/2017	1.32	0.5	0.7
08/03/2017	1.61	0.7	1.1
08/23/2017	1.76	0.8	1.3

Hydrograph of peak WY 2017 impoundment event, 07/16/2017



East Fork Cave Creek Basin #4, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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										1		
17												
18												---
19												
20												
21												
22												
23												
24												
25												
26												
27												
28					1							
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	0	1	0	0	0	0	2	1	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	7	0	15	1	29	0	0	0	0	38	12	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	1	0	1	0	0	0	0	3	1	0
WTR YR 2017	TOTAL		3	MEAN	0	MAX	38	MIN	0	AC_FT		7

East Fork Cave Creek Basin #4, volume data

Volume, in acre-feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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	1	0	1	0	0	0	0	2	1	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2017	MEAN		0	MAX	2	MIN	0					

East Fork Cave Creek Basin #4, stage data

Depth, in feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.3	0.3	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
2	0.4	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	0.4	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	0.3	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	0.4	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	---
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	0.4	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	0.4	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	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.3
24	0.3	0.3	0.4	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	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3
28	0.3	0.3	0.3	0.3	0.4	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	0.3	0.3	0.3
MAX	1.6	0.3	1.8	1.1	2.1	0.3	0.3	0.3	0.3	2.4	1.8	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 2017	MEAN	0.30	MAX	2.44	MIN	0.30						

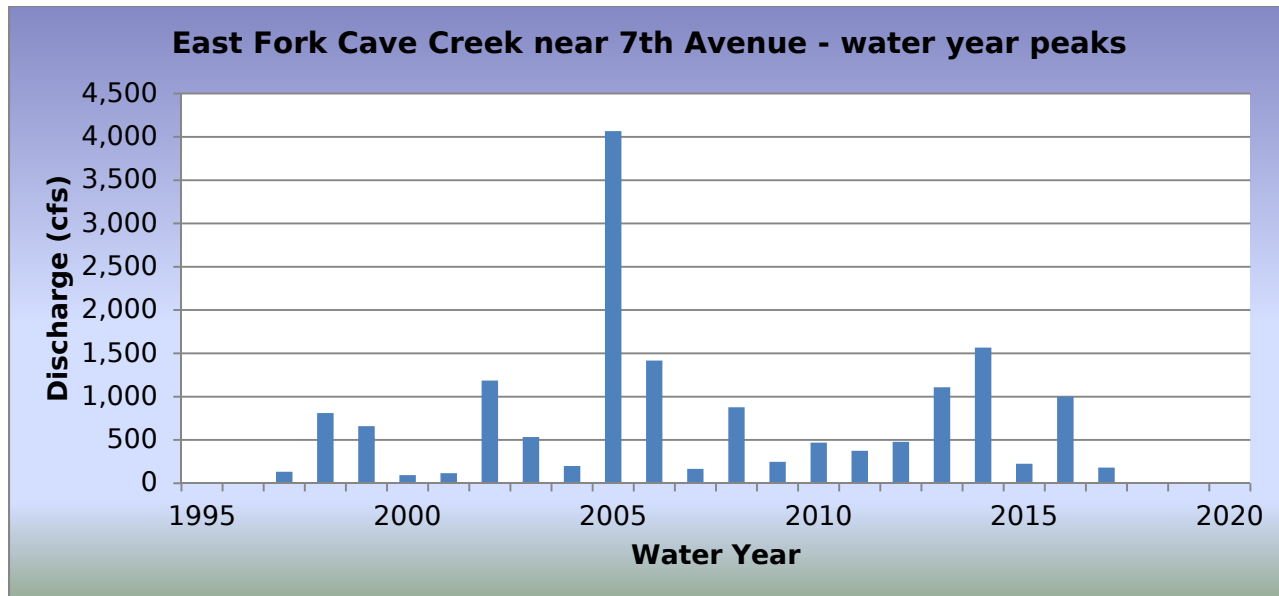
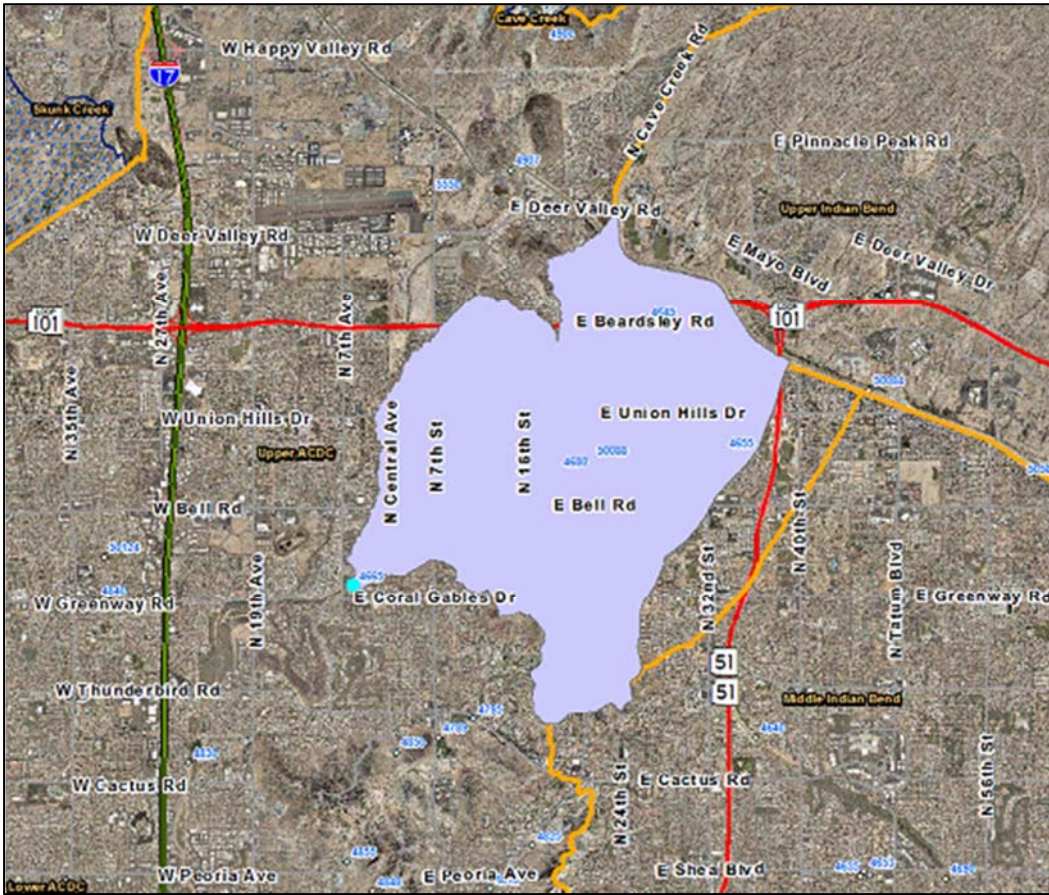
East Fork Cave Creek near 7th Avenue, ID #4668



Site Data

LOCATION	In Moon Valley Park, near Coral Gable Drive and 7th Avenue
DRAINAGE AREA	14.1 mi ²
STREAM TYPE	Channelized Natural Stream
JURISDICTION	Phoenix, Arizona
WATERSHED	Upper ACDC
SECTION/TOWNSHIP/RANGE	S05 T3N R3E
LATITUDE	N 33° 37' 40.6" +33.62793
LONGITUDE	W 112° 04' 50.7" -112.08076
STREAMGAGE INSTALLATION DATE	05/08/1997 - WY 1997
AVAILABLE PERIOD OF RECORD (POR)	05/08/1997 - Current
LENGTH OF AVAILABLE POR DATA DATA	20.40 Years 7,451 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	-0.25 feet Gage Height
ZERO GAGE HEIGHT ELEVATION	1,341.79 feet NAVD 1988
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	4,067 cfs 7.55 feet 08/02/2005

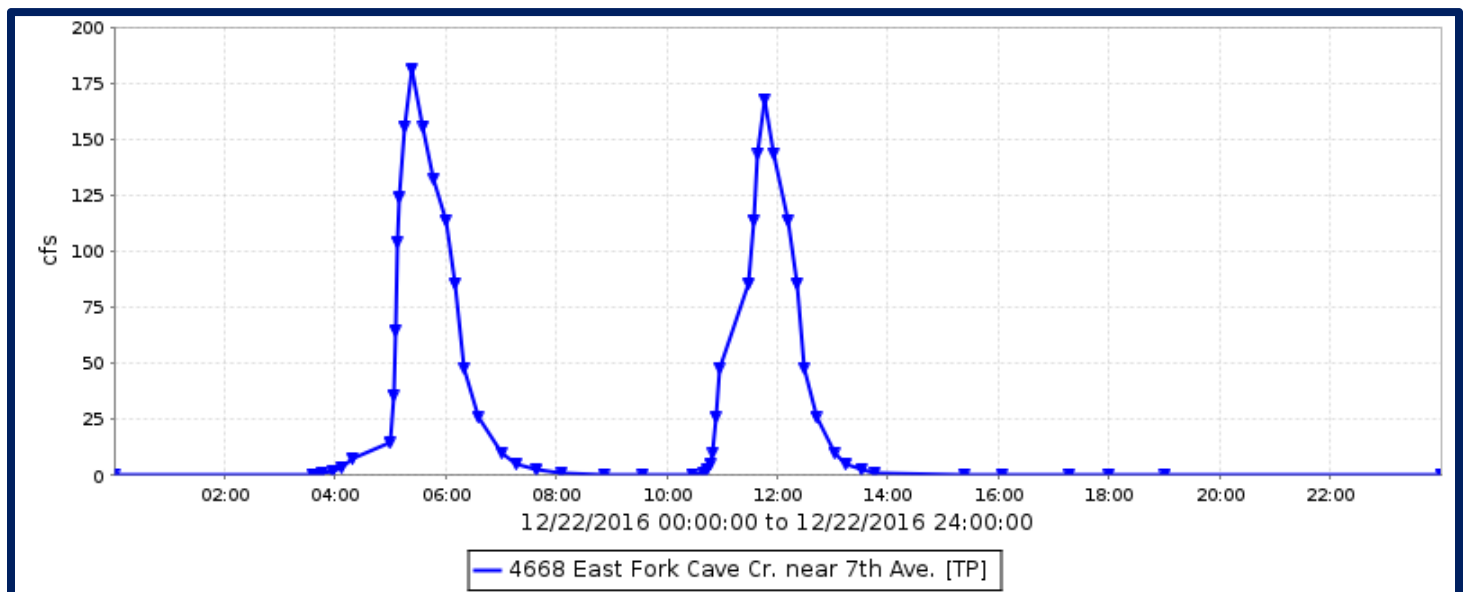
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
10/02/2016	0.80	8
10/13/2016	0.88	14
12/22/2016	1.56	181
12/22/2016	1.51	168
12/24/2016	0.88	14
01/01/2017	1.02	35
02/27/2017	0.83	10
02/28/2017	1.36	132
07/17/2017	1.47	158
08/03/2017	1.33	126
08/24/2017	0.93	20

Hydrograph of peak WY 2017 flow event, 12/22/2016



Flood Flow Frequency

Flood Flow Frequency N=21, HEC-WRC computation (based on 21 years of data)					
2-year	5-year	10-year	20-year	50-year	100-year
465	1,090	1,700	2,480	3,780	5,010
FEMA FIS					
		5,500		8,200	9,400

East Fork Cave Creek near 7th Avenue, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				2								
2												
3											4	
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17										6		
18												
19												
20												
21												
22			16									
23				1								
24			1								1	
25												
26												
27												
28					7							
29					---							
30					---							
31		---			---		---		---			---
TOTAL	1	0	17	3	8	0	0	0	0	6	5	0
MEAN	0	0	1	0	0	0	0	0	0	0	0	0
MAX	14	0	181	35	132	0	0	0	0	158	126	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	2	0	34	5	16	0	0	0	0	13	10	0
WTR YR 2017	TOTAL		40	MEAN		0	MAX	181	MIN	0	AC_FT	79

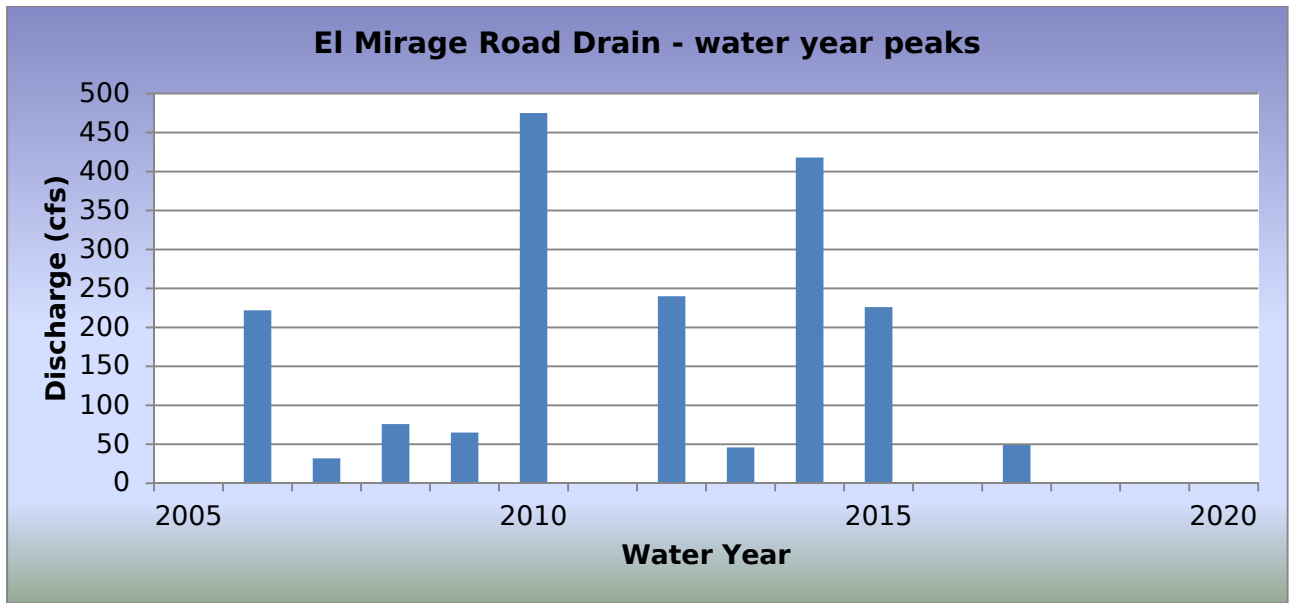
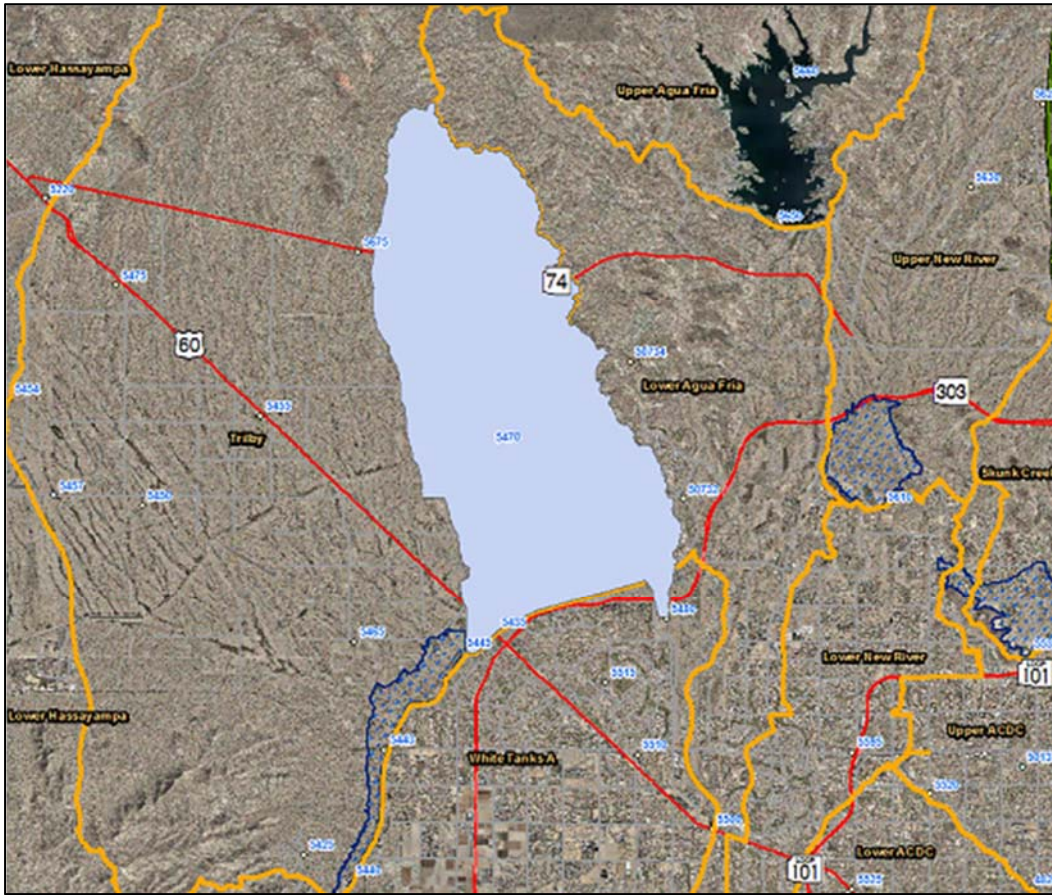
El Mirage Road Drain, ID #5483



Site Data

LOCATION	Located near El Mirage Road south of Loop 303
DRAINAGE AREA	70.3 mi ²
STREAM TYPE	Natural Stream
JURISDICTION	Surprise, Arizona
WATERSHED	Trilby
SECTION/TOWNSHIP/RANGE	S14 T4N R1W
LATITUDE	N 33° 41' 26.6" +33.69072
LONGITUDE	W 112° 19' 40.9" -112.32804
STREAMGAGE INSTALLATION DATE	02/16/2006 - WY 2006
AVAILABLE PERIOD OF RECORD (POR)	02/16/2006 - Current
LENGTH OF AVAILABLE POR DATA	11.62 Years 4,245 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	1.20 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	0.00 feet Gage Height
POINT OF ZERO FLOW	0.3 feet Gage Height
EXTREME FOR PERIOD OF RECORD	475 cfs 3.36 feet GH 01/21/2010

Watershed Map

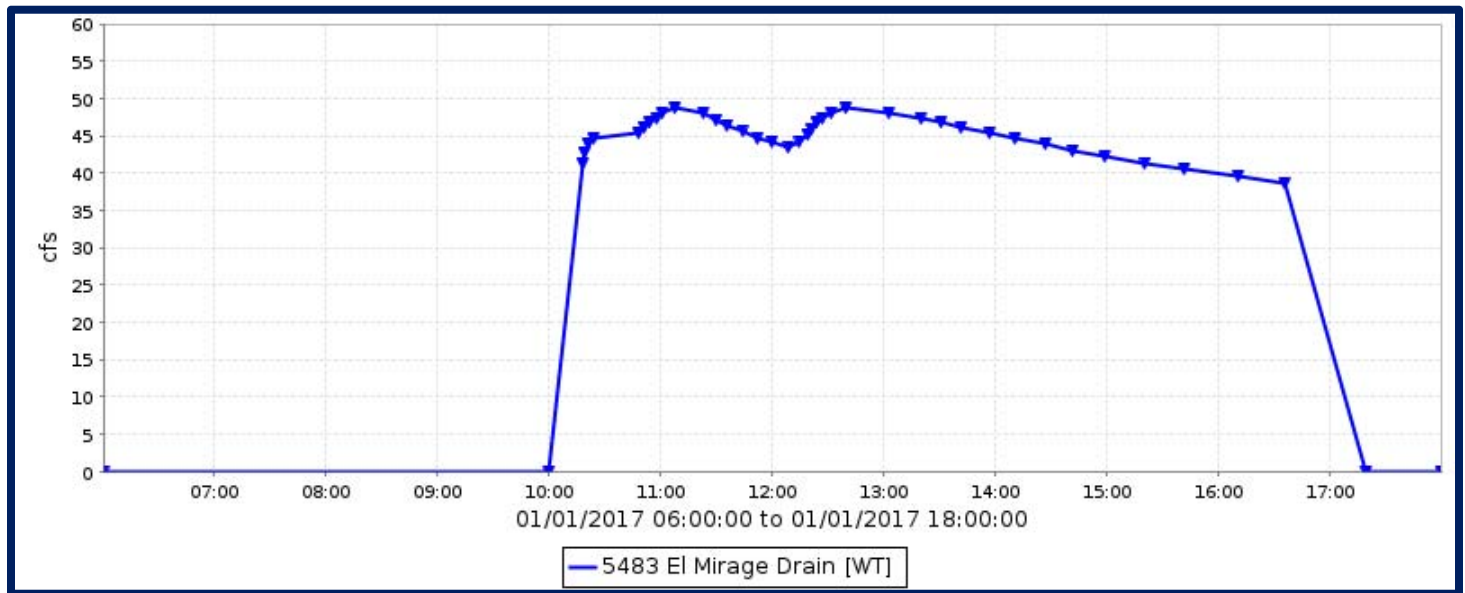


WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
10/13/2016	1.37	40
01/01/2017	2.57	49

NOTE: There is a more or less continual base flow at this location.

Hydrograph of peak WY 2017 flow event



Flood Flow Frequency

Flood Flow Frequency N=12, HEC-WRC computation (based on 12 years of data)					
2-year	5-year	10-year	20-year	50-year	100-year
72	300	589	992	1,710	2,410

NOTE(1): These results are based on very limited data.

Flood Flow Frequency FEMA Flood Insurance Study					
2-year	5-year	10-year	20-year	50-year	100-year
		2,835		4,747	6,023

El Mirage Road Drain, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				13								
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13	5											
14												
15												
16												
17												
18												
19												
20												
21												
22							4					
23												
24												
25												
26												
27												
28												
29							---					
30							---					
31		---					---		---			---
TOTAL	5	0	0	13	0	0	5	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	46	0	0	49	0	0	39	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	10	0	0	26	0	0	9	0	0	0	0	0
WTR YR 2017	TOTAL		23	MEAN		0	MAX	49	MIN	0	AC_FT	45

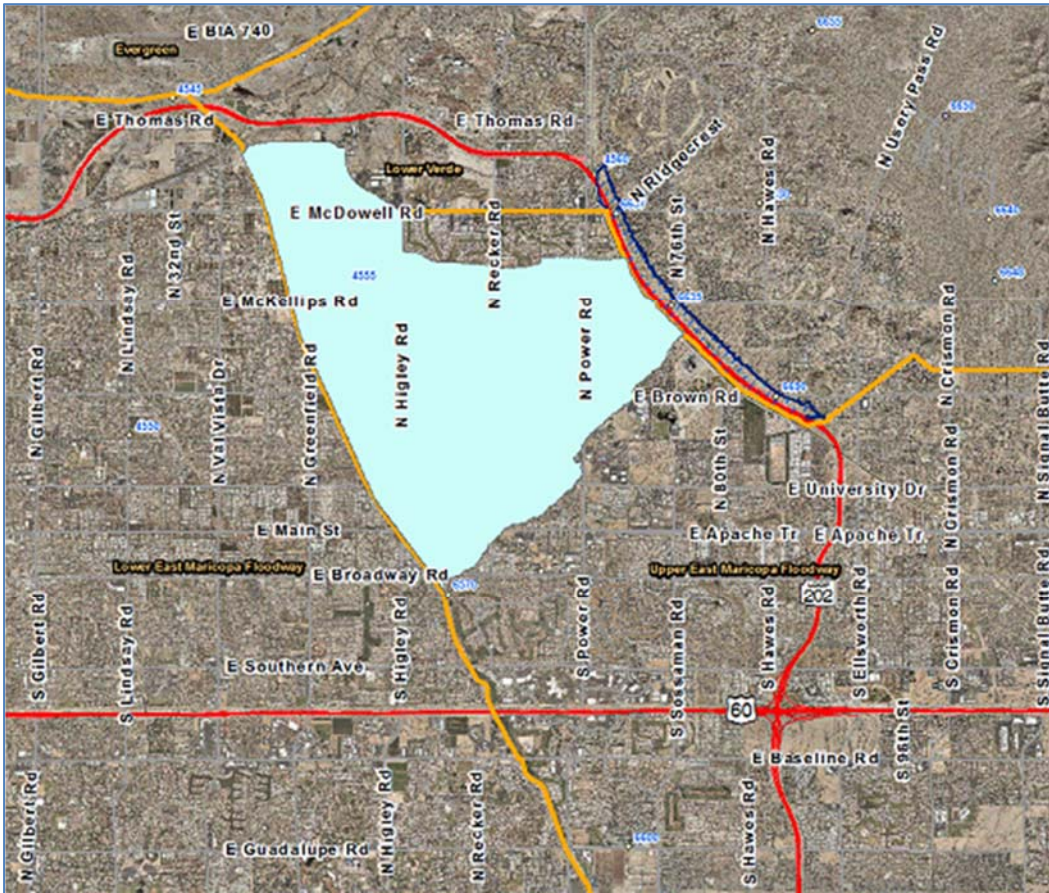
East Maricopa Floodway at Broadway Road, ID #6573



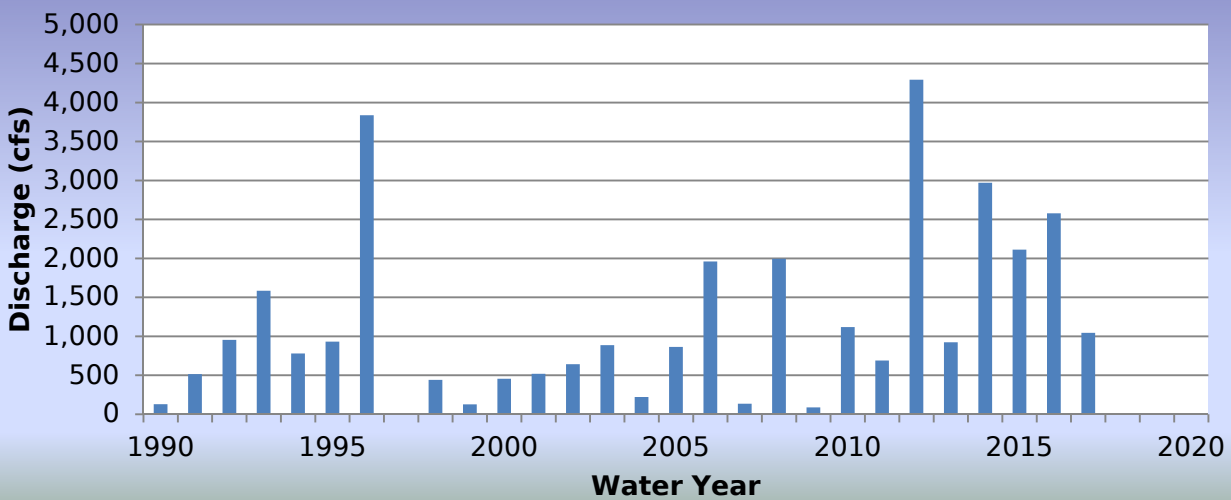
Site Data

LOCATION	Located about 1,000 feet south of Broadway Road, east of Higley Road
DRAINAGE AREA	11.3 mi ²
STREAM TYPE	Engineered Channel
JURISDICTION	Mesa, Arizona
WATERSHED	Upper East Maricopa Floodway
SECTION/TOWNSHIP/RANGE	S26 T1N R6E
LATITUDE	N 33° 24' 19.8" +33.40551
LONGITUDE	W 111° 42' 37.4" -111.71040
STREAMGAGE INSTALLATION DATE	08/10/1989 - WY 1989
AVAILABLE PERIOD OF RECORD (POR)	09/03/1990 - Current
LENGTH OF AVAILABLE POR DATA	27.08 Years 9,890 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	-3.97 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	2
ZERO GAGE HEIGHT ELEVATION	0.00 feet Gage Height
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	4,292 cfs 5.08 feet GH 09/07/2012

Watershed Map



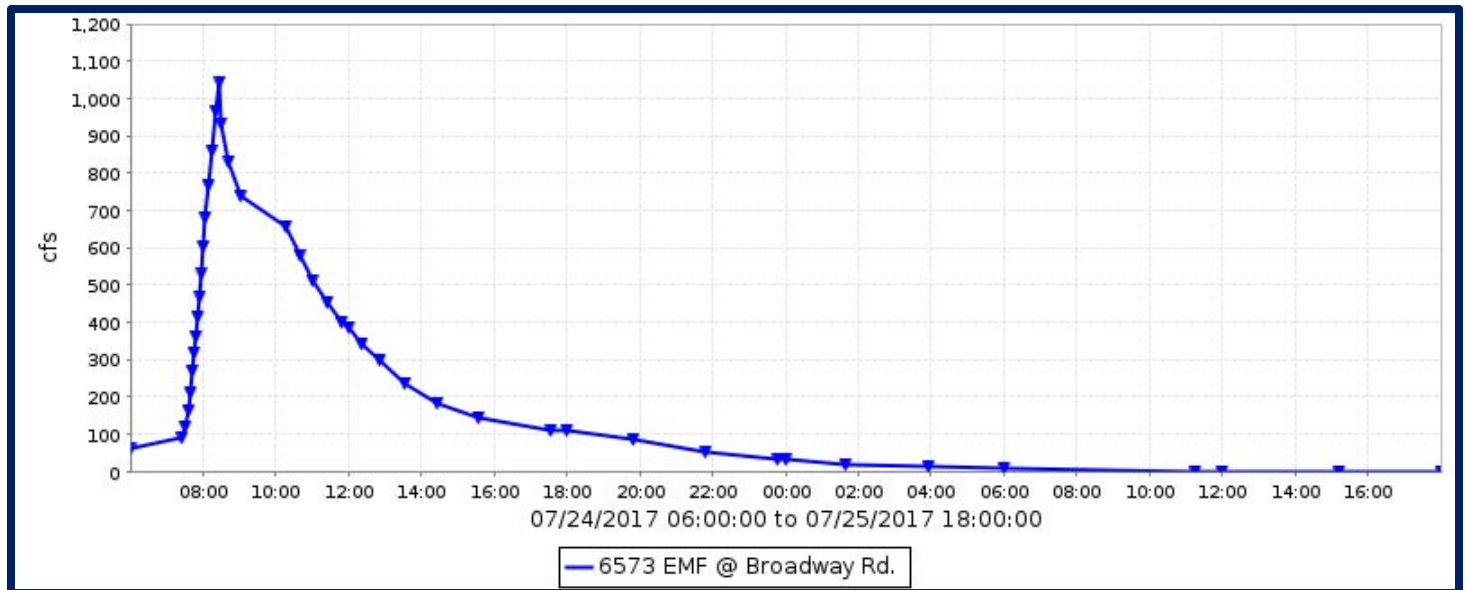
EMF at Broadway Road - water year peaks



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
02/19/2017	0.42	15
07/23/2017	1.97	722
07/24/2017	2.32	1,045
08/03/2017	1.52	414

Hydrograph of peak WY 2017 flow event, 07/24/2017



Flood Flow Frequency

Flood Flow Frequency N=27, HEC-WRC computation (based on 27 years of data)					
2-year	5-year	10-year	20-year	50-year	100-year
741	1,760	2,690	3,760	5,420	6,850

NOTE(1): These results are based on very limited data.

EMF at Broadway Road, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3											37	
4											2	
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19					2							
20												
21				7								
22												
23										105		
24										247		
25										7		
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	7	2	0	0	0	0	359	39	0
MEAN	0	0	0	0	0	0	0	0	0	12	1	0
MAX	0	0	0	25	15	0	0	0	0	1045	414	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	14	5	0	0	0	0	713	77	0
WTR YR 2017	TOTAL	408	MEAN	1	MAX	1045	MIN	0	AC_FT	808		

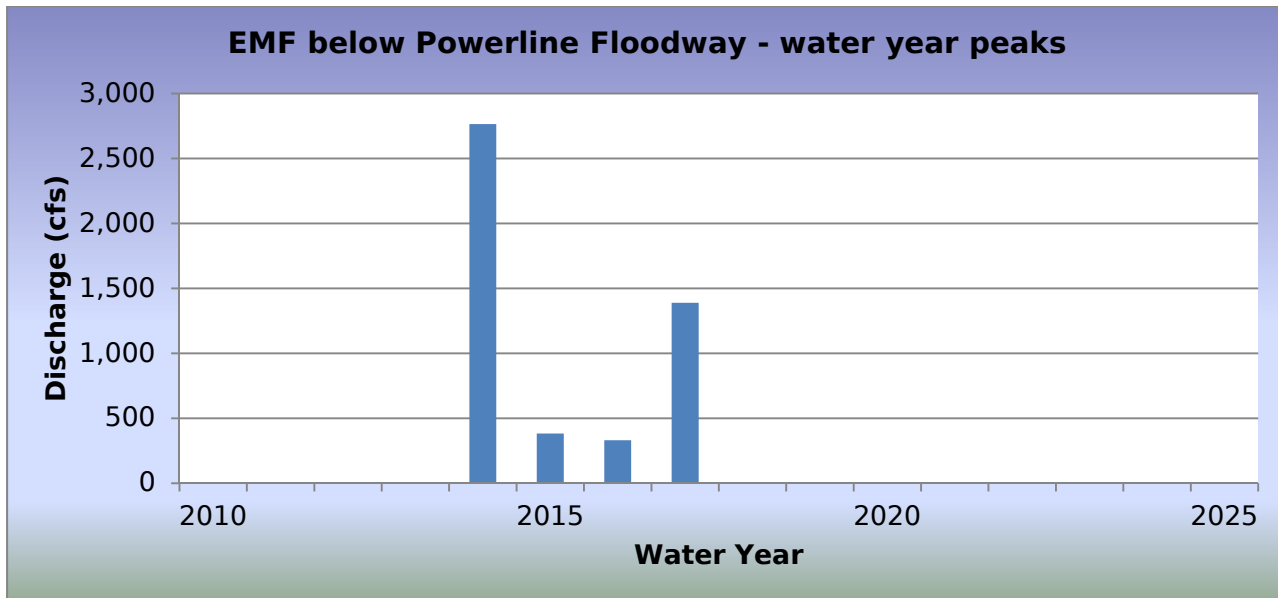
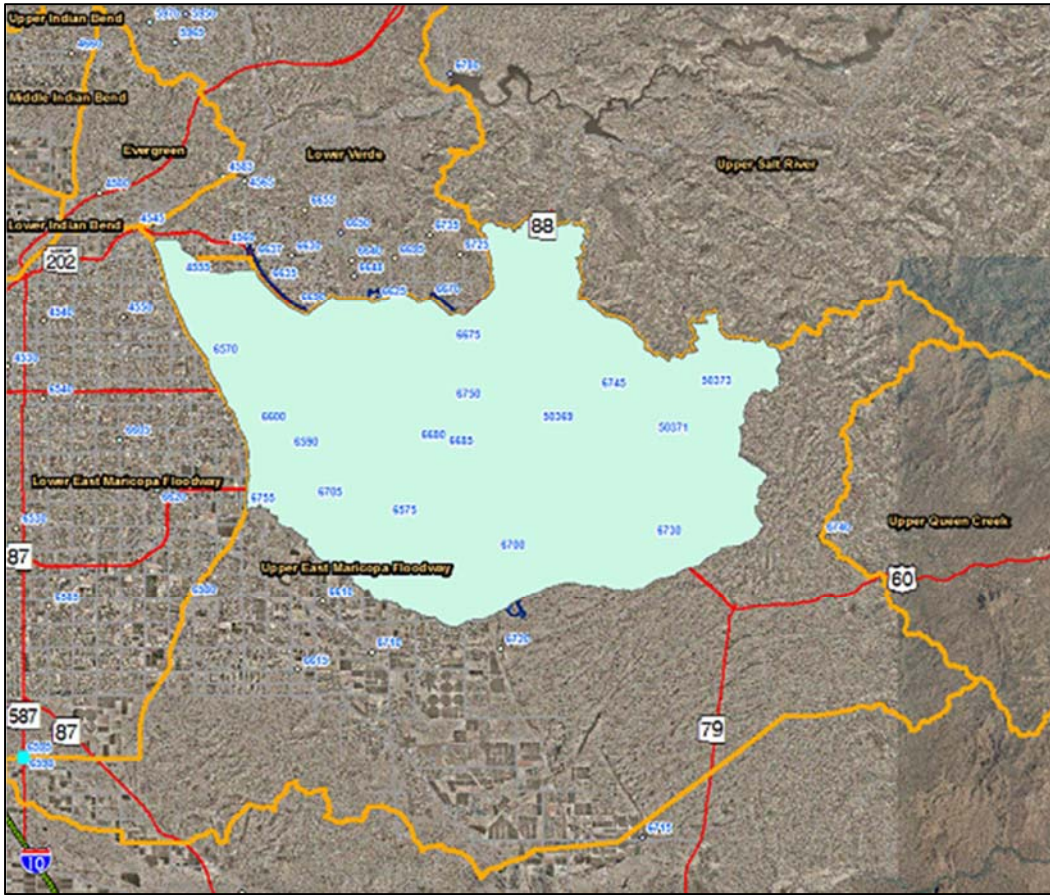
East Maricopa Fldwy below Powerline Floodway, ID #6758



Site Data

LOCATION	Located about 1/3 mile downstream from Powerline Floodway
DRAINAGE AREA	257 mi ²
STREAM TYPE	Concrete Lined Channel
JURISDICTION	Mesa, Arizona
WATERSHED	Lower EMF
SECTION/TOWNSHIP/RANGE	S30 T1S R7E
LATITUDE	N 33° 19' 01.7" +33.31715
LONGITUDE	W 111° 41' 03.3" -111.68424
STREAMGAGE INSTALLATION DATE	04/15/2014 - WY 2014
AVAILABLE PERIOD OF RECORD (POR)	04/15/2014 - Current
LENGTH OF AVAILABLE POR DATA	3.46 Years 1,265 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.15 feet Gage Height
STAFF GAGES	None
CREST STAGE GAGES	None
ZERO GAGE HEIGHT ELEVATION	0.00 feet Gage Height
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	2,765 cfs 4.98 feet 09/08/2014

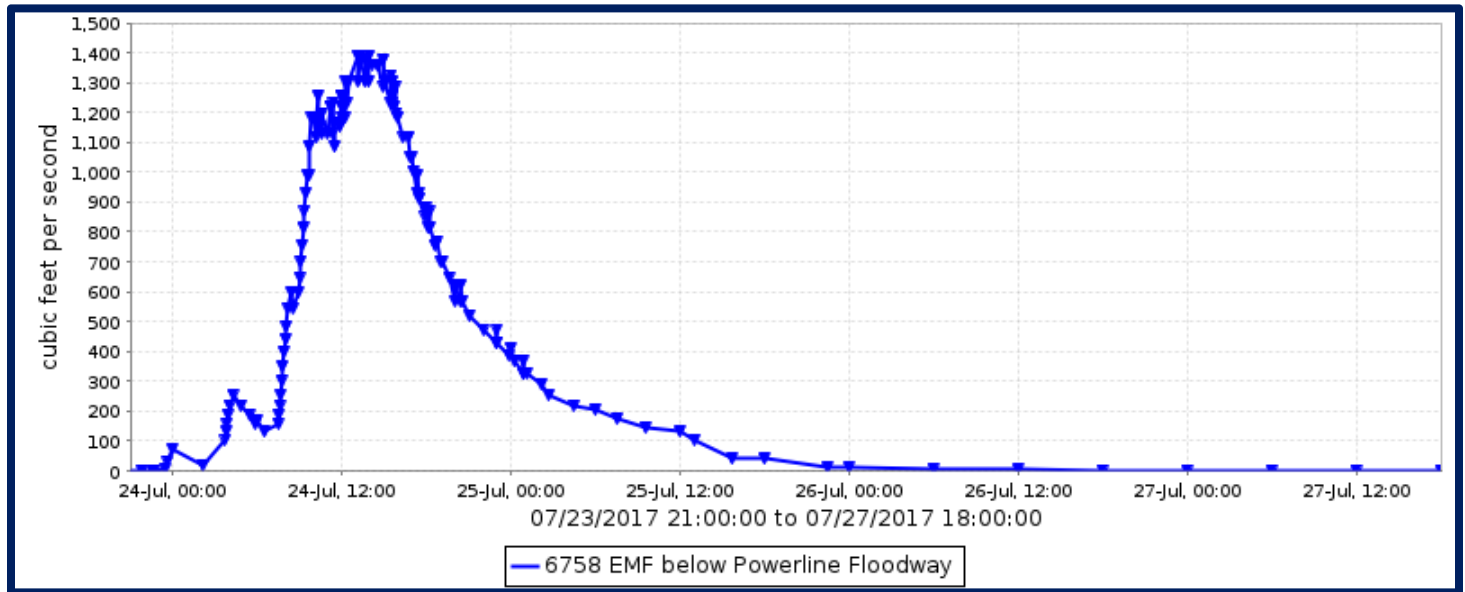
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
12/22/2016	0.78	105
07/24/2017	3.37	1,389
07/30/2017	0.91	138
08/03/2017	1.75	438
08/26/2017	0.63	20

Hydrograph of peak WY 2017 flow event, 07/24/2017



Flood Flow Frequency

There is not enough data to compute a flood flow frequency for this gage station.

EMF below Powerline Floodway, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2											1	
3											71	
4											65	
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22			23									
23			6							1		
24										654		
25										142		
26										5	1	
27											2	
28												
29					---					2		
30					---					46		
31		---			---		---		---			---
TOTAL	0	0	29	0	0	0	0	0	0	850	139	0
MEAN	0	0	1	0	0	0	0	0	0	27	4	0
MAX	0	0	105	0	0	0	0	0	0	1389	438	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	57	0	0	0	0	0	0	1686	276	0
WTR YR 2017	TOTAL	1018	MEAN	3	MAX	1389	MIN	0	AC_FT	2019		

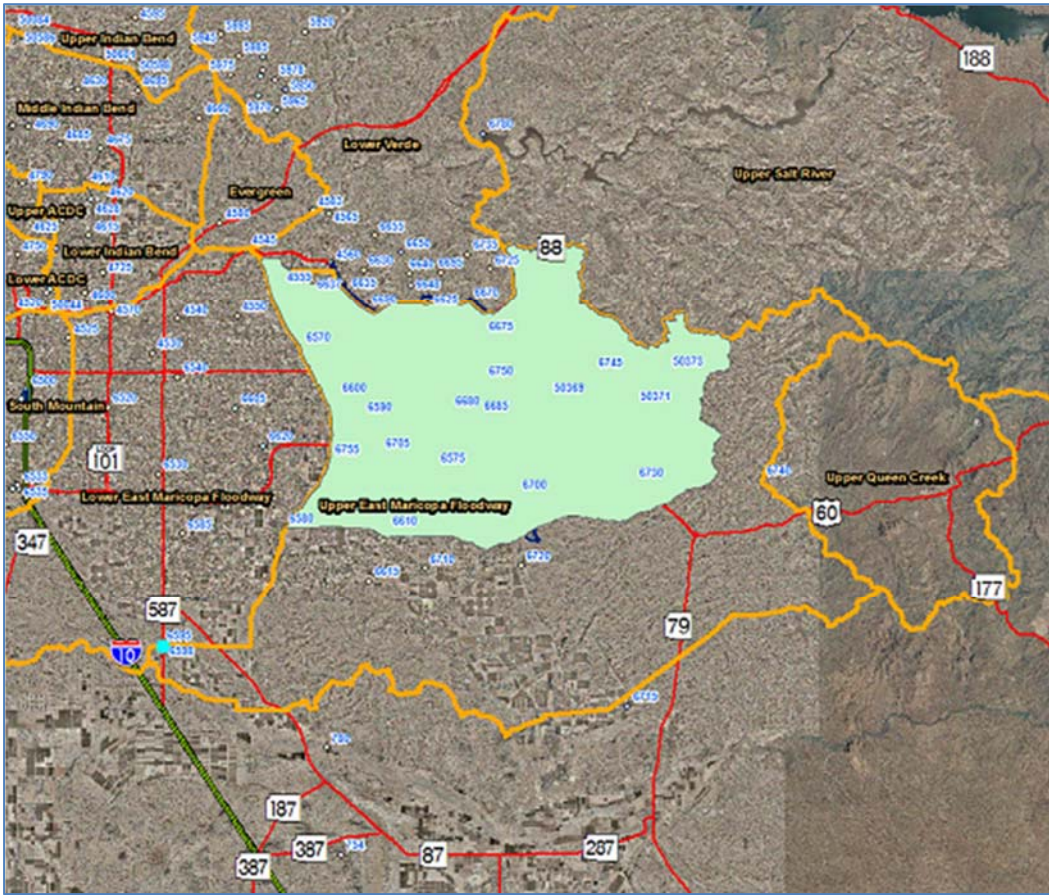
East Maricopa Floodway at Queen Creek Road, ID #6583



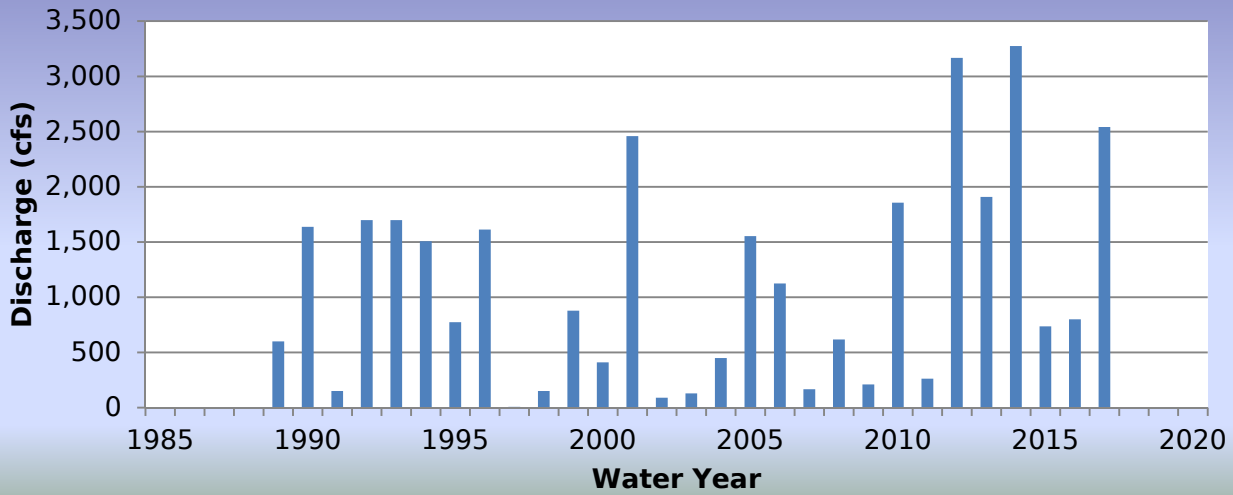
Site Data

LOCATION	West of the Higley and Queen Creek Roads intersection
DRAINAGE AREA	273.4 mi ²
STREAM TYPE	Engineered Channel
JURISDICTION	Gilbert, Arizona
WATERSHED	Lower East Maricopa Floodway
SECTION/TOWNSHIP/RANGE	S15 T2S R6E
LATITUDE	N 33° 15' 47.1" +33.26307
LONGITUDE	W 111° 43' 32.6" -111.72572
STREAMGAGE INSTALLATION DATE	01/18/1989 - WY 1989
AVAILABLE PERIOD OF RECORD (POR)	01/18/1989 - current
LENGTH OF AVAILABLE POR DATA	28.70 Years 10,483 Days
DATA GAPS IN POR	10/22/2010 - 01/17/2012
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	-0.64 feet Gage Height
STAFF GAGES	2
CREST STAGE GAGES	2
ZERO GAGE HEIGHT ELEVATION	1,303.51 feet M.S.L.
POINT OF ZERO FLOW	-1.6 feet Gage Height
EXTREME FOR PERIOD OF RECORD	3,274 cfs 4.96 feet 09/08/2014

Watershed Map



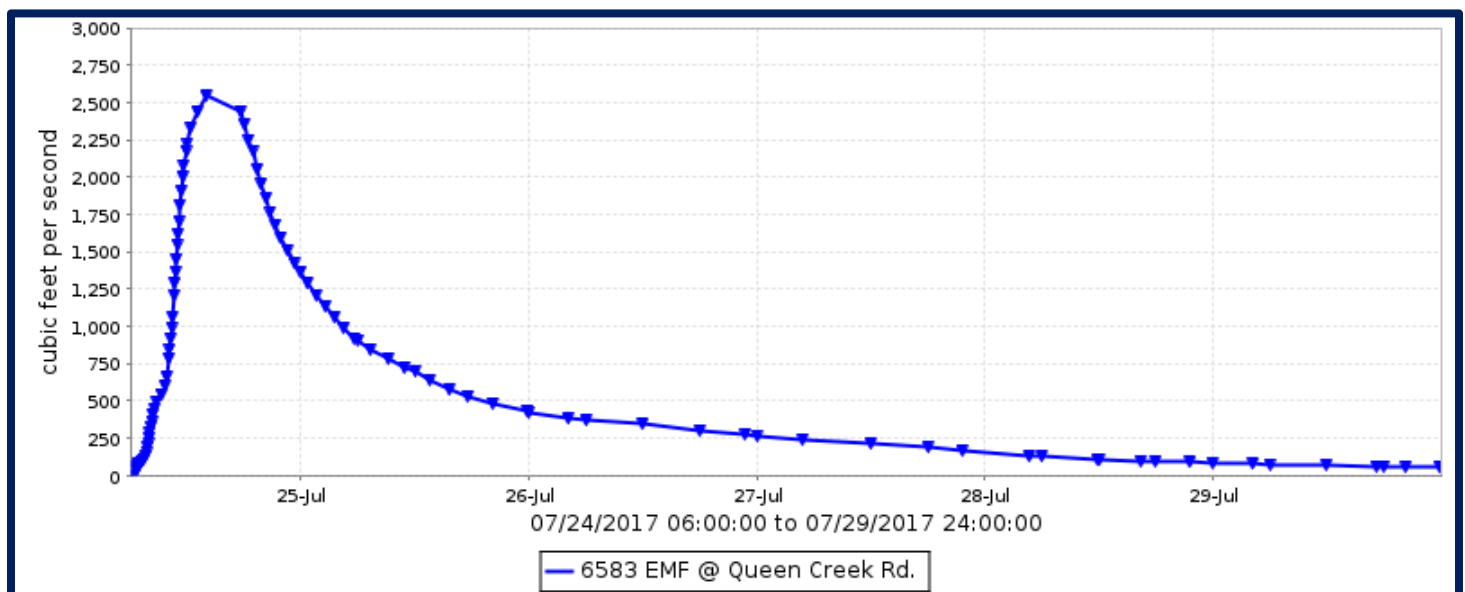
EMF at Queen Creek Road - water year peaks



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
12/23/2016	1.13	243
01/02/2017	-0.02	56
01/21/2017	0.51	93
02/20/2017	-0.09	52
07/24/2017	4.30	2,542
07/30/2017	1.53	404
08/02/2017	0.88	166
08/04/2017	2.20	762
08/13/2017	0.21	72
08/27/2017	0.66	111

Hydrograph of peak WY 2017 flow event, 07/24/2017



Flood Flow Frequency

Flood Flow Frequency N=29, HEC-WRC computation (based on 29 years of data)					
2-year	5-year	10-year	20-year	50-year	100-year
745	1,910	2,960	4,160	5,930	7,410

NOTE(1): These results are based on very limited data.

EMF at Queen Creek Road, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1											46	
2				27							93	
3				24							85	
4											511	
5											110	
6											27	
7												
8												
9												
10												
11												
12												
13											46	
14										5	29	
15										10	8	
16										10		
17												
18												
19					15							
20					37							
21				49								
22				68								
23			168									
24			54							1244		
25										770		
26										356		
27										225	54	
28										121	28	
29										72		
30										264		
31		---					---		---	107		---
TOTAL	0	0	223	168	52	0	0	0	0	3185	1036	0
MEAN	0	0	7	5	2	0	0	0	0	103	33	0
MAX	0	0	243	93	52	0	0	0	0	2542	762	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	441	334	102	0	0	0	0	6317	2055	0
WTR YR 2017	TOTAL		4663	MEAN	13	MAX	2542	MIN		0	AC_FT	9249

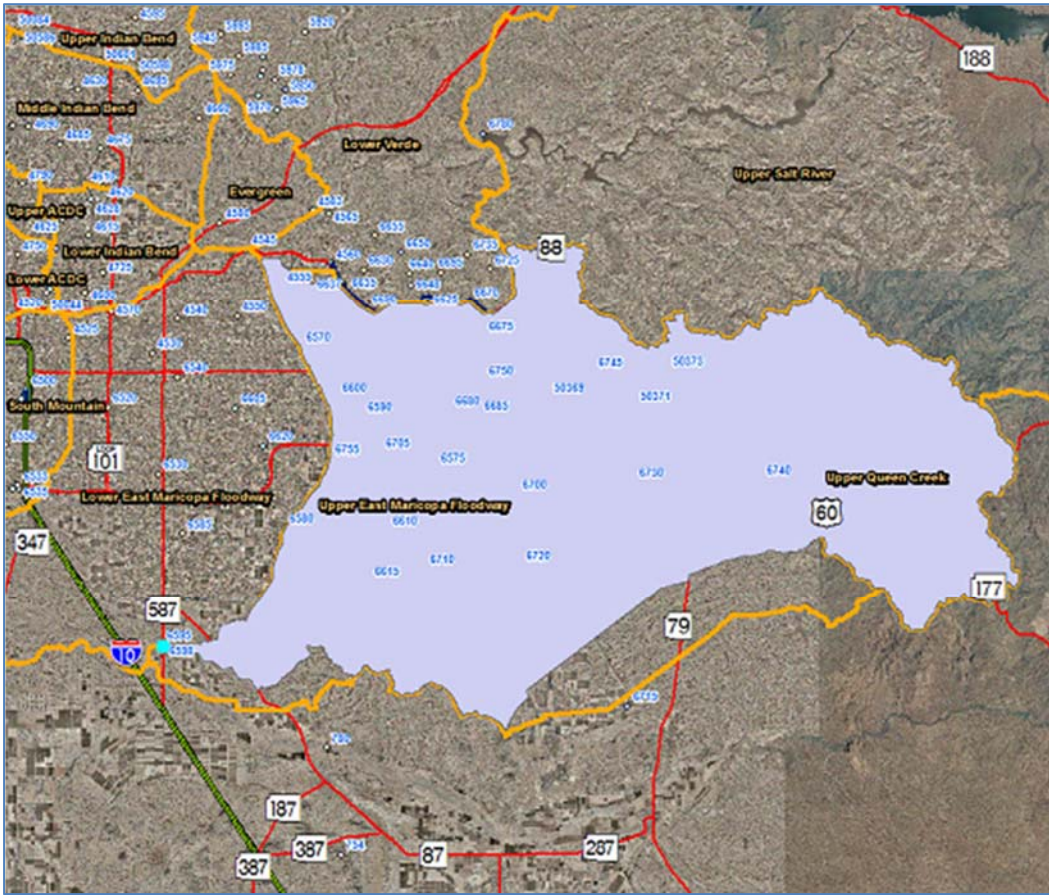
East Maricopa Floodway at Arizona Avenue, ID #6598



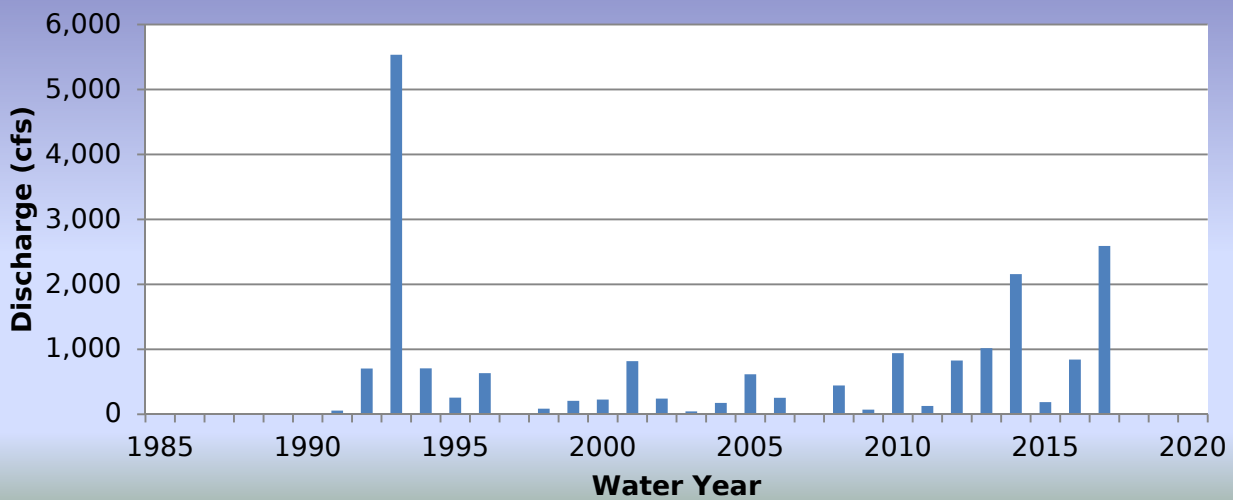
Site Data

LOCATION	On Arizona Avenue (SR 587) about 2 miles south of Sun Lakes
DRAINAGE AREA	668 mi ² (including Queen Creek)
STREAM TYPE	Engineered Channel
JURISDICTION	Gila River Indian Community
WATERSHED	Lower East Maricopa Floodway
SECTION/TOWNSHIP/RANGE	S16 T3S R5E
LATITUDE	N 33° 10' 07.8" +33.16882
LONGITUDE	W 111° 50' 27.7" -111.84102
STREAMGAGE INSTALLATION DATE	02/10/1989 - WY 1989
AVAILABLE PERIOD OF RECORD (POR)	02/10/1989 - Current
LENGTH OF AVAILABLE POR DATA	28.64 Years 10,460 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	-0.15 feet Gage Height
STAFF GAGES	3
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	1,210.50 feet NAVD88
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	5,536 cfs 4.07 feet 01/11/1993

Watershed Map



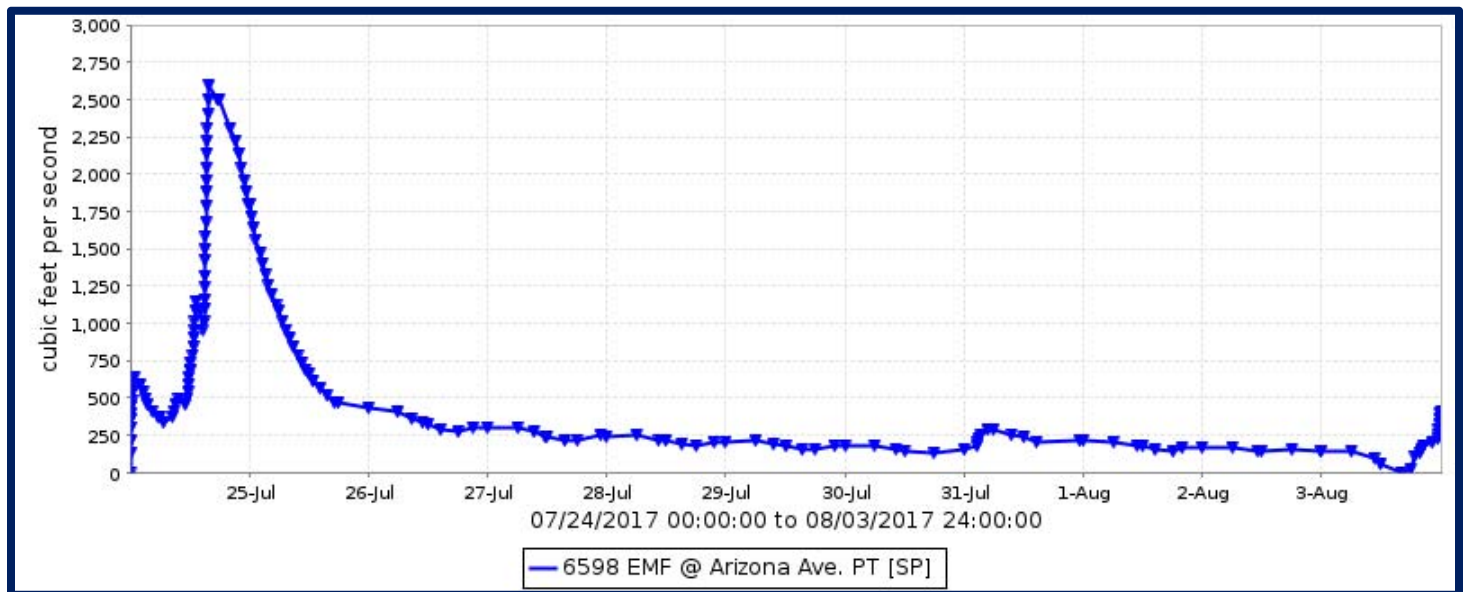
EMF at Arizona Avenue - water year peaks



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
12/25/2016	1.14	384
01/03/2017	0.94	262
01/25/2017	2.54	2,008
02/21/2017	0.84	205
03/03/2017	0.69	137
07/24/2017	1.79	634
07/24/2017	4.48	2,591
08/04/2017	1.32	424
08/13/2017	1.29	412

Hydrograph of peak WY 2017 flow event, 07/24/2017



Flood Flow Frequency

Flood Flow Frequency N=29, HEC-WRC computation (based on 29 years of data)					
2-year	5-year	10-year	20-year	50-year	100-year
294	950	1,720	2,770	4,700	6,640

NOTE(1): These results are based on very limited data.

EMF at Arizona Avenue, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				164								182
2				226		57						159
3				253		187						118
4				222		175						339
5				181		139						281
6				206		60						182
7				192								153
8				72								77
9												
10											---	
11												
12											1	
13											225	
14											159	
15											134	
16											54	
17											2	
18											1	
19												
20												
21				---	119							
22				---	209							
23			17	400	192					5		
24			248	322	97					1212		
25			305	835						830		
26			280	753						349		
27			272	450						261		
28			251	232						218		
29			190		---					184		
30			207		---					160		
31		---	178		---		---		---	228		---
TOTAL	0	0	1947	4271	617	618	0	0	0	3448	2070	0
MEAN	0	0	63	138	22	20	0	0	0	111	67	0
MAX	0	0	356	1049	256	211	0	0	0	2591	424	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	3861	8471	1223	1226	0	0	0	6838	4105	0
WTR YR 2017	TOTAL	12969	MEAN	36	MAX	2591	MIN	0	AC_FT	25724		

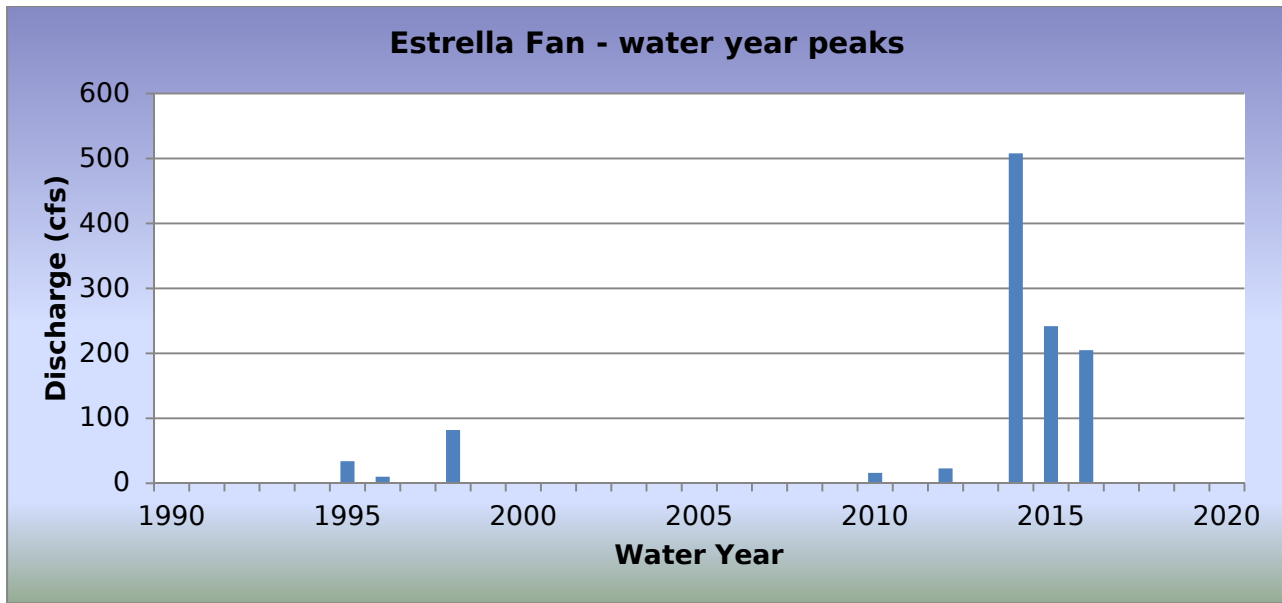
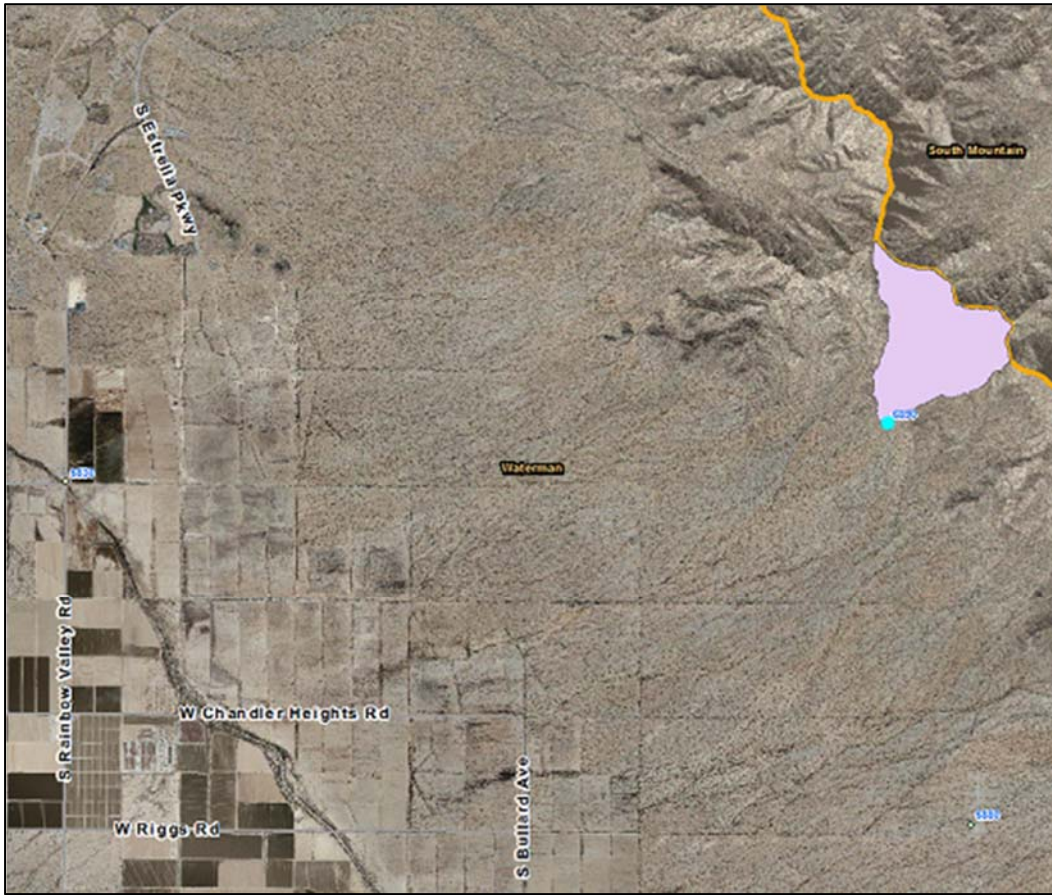
Estrella Fan, ID #6893



Site Data

LOCATION	Located in northwest part of the Estrella Mountains
DRAINAGE AREA	1.0 mi ²
STREAM TYPE	Natural Stream
JURISDICTION	Goodyear, Arizona
WATERSHED	Waterman
SECTION/TOWNSHIP/RANGE	S12 T2S R1W
LATITUDE	N 33° 16' 10.1" +33.26949
LONGITUDE	W 112° 19' 15.3" -112.32091
STREAMGAGE INSTALLATION DATE	04/30/1993 - WY 1993
AVAILABLE PERIOD OF RECORD (POR)	04/30/1993 - Current
LENGTH OF AVAILABLE POR DATA	24.42 Years 8,920 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.00 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	6 - not related to transducer gage height
ZERO GAGE HEIGHT ELEVATION	1,447.80 feet NAVD 1988
POINT OF ZERO FLOW	0.3 feet Gage Height
EXTREME FOR PERIOD OF RECORD	508 cfs 1.60 feet 09/08/2014

Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
None		

Hydrograph of peak WY 2017 flow event,

No runoff events occurred in Water Year 2017.

Flood Flow Frequency

Flood Flow Frequency HEC-1 Analysis, 1997					
2-year	5-year	10-year	25-year	50-year	100-year
310	860	1,280	1,800	2,250	2,710

Estrella Fan, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values														
	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		---			---		---		---			---			
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 2017	TOTAL		0	MEAN		0	MAX		0	MIN		0	AC_FT		0

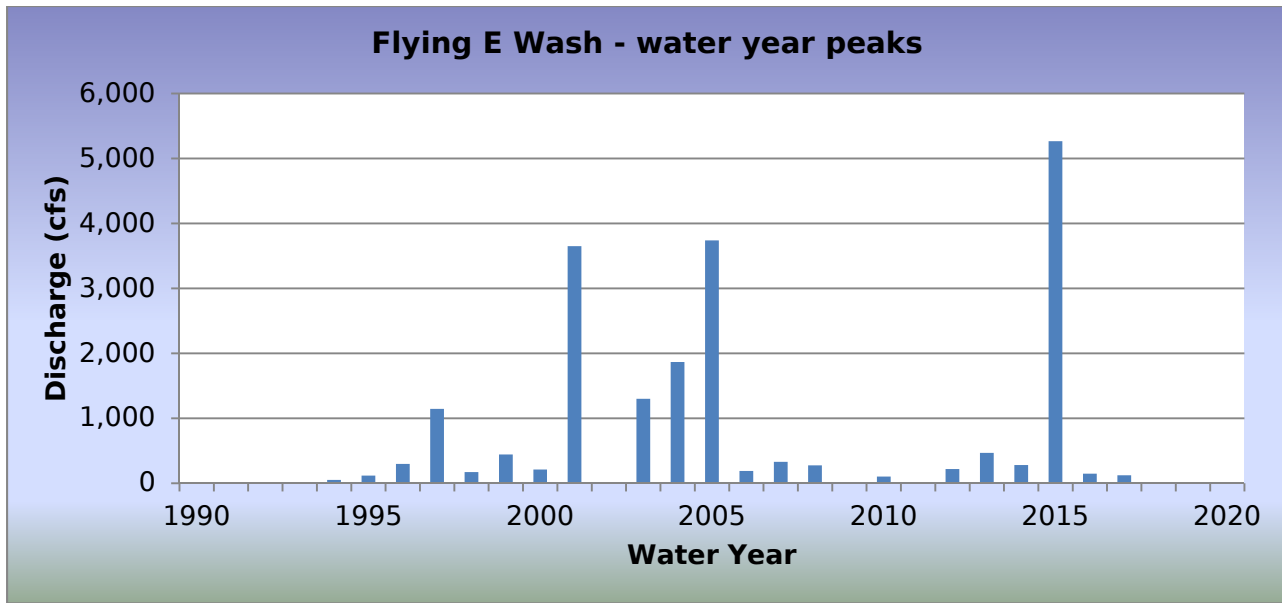
Flying E Wash, ID #7083



Site Data

LOCATION	About 1 mile west of Vulture Mine Road on US 60
DRAINAGE AREA	8.5 mi ²
STREAM TYPE	Natural Stream
JURISDICTION	Wickenburg, Arizona
WATERSHED	Lower Hassayampa
SECTION/TOWNSHIP/RANGE	S09 T7N R5W
LATITUDE	N 33° 57' 44.0" +33.96223
LONGITUDE	W 112° 46' 58.5" -112.78291
STREAMGAGE INSTALLATION DATE	07/12/1994 - WY 1994
AVAILABLE PERIOD OF RECORD (POR)	07/12/1994 - Current
LENGTH OF AVAILABLE POR DATA	23.22 Years 8,482 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.00 feet Gage Height
STAFF GAGES	1
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	2,283.10 feet NAVD 1988
POINT OF ZERO FLOW	0.4 feet Gage Height
EXTREME FOR PERIOD OF RECORD	5,267 cfs 7.07 feet 07/18/2015

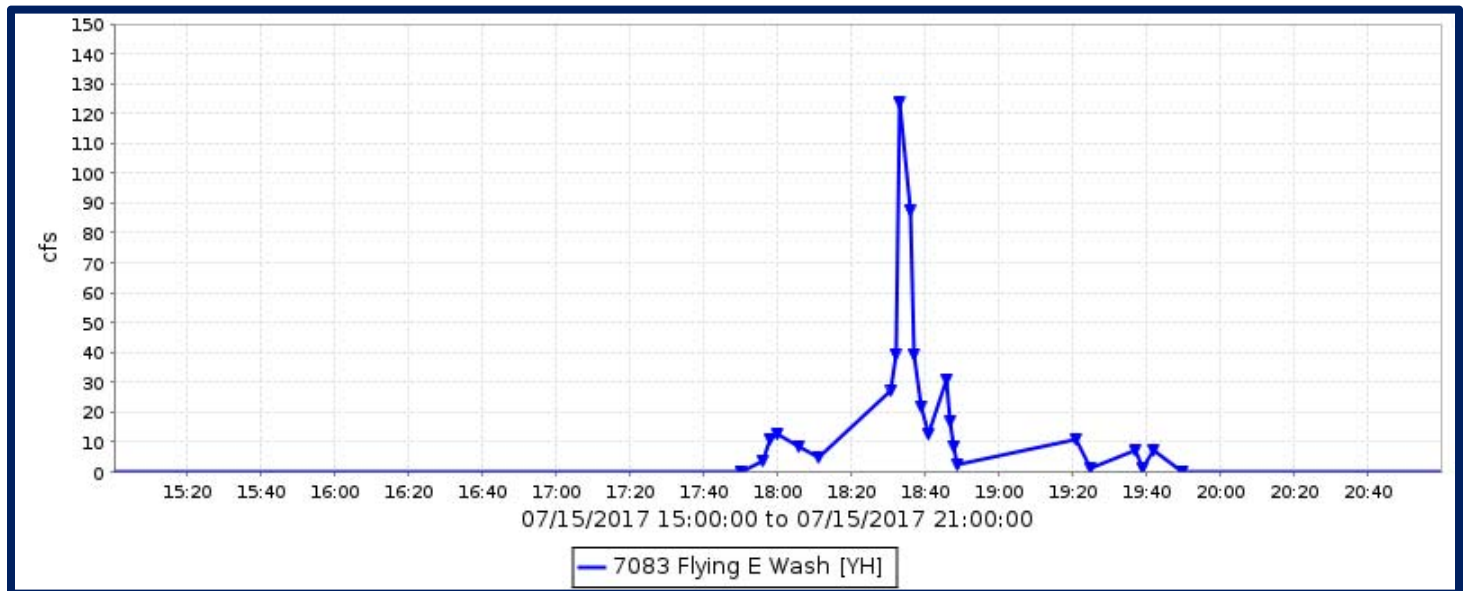
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
07/15/2017	1.30	124
07/18/2017	1.17	87
08/03/2017	1.17	87

Hydrograph of peak WY 2017 flow event, 07/15/2017



Flood Flow Frequency

Flood Flow Frequency N=24, HEC-WRC computation (based on 24 years of data)					
2-year	5-year	10-year	20-year	50-year	100-year
290	1,040	2,050	3,590	6,800	10,400

NOTE: These results are based on very limited data.

Flying E Wash, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values												
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1													
2				---									
3											2		
4													
5													
6													
7													
8													
9													
10													
11											---		
12											---		
13											---		
14											---		
15										1			
16													
17													
18										8			
19													
20													
21													
22													
23													
24													
25													
26													
27													
28													
29					---								
30					---								
31		---			---		---		---			---	
TOTAL	0	0	0	0	0	0	0	0	0	9	2	0	
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	
MAX	0	0	0	0	0	0	0	0	0	124	87	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	18	3	0	
WTR YR 2017	TOTAL		11	MEAN		0	MAX	124	MIN		0	AC_FT	21

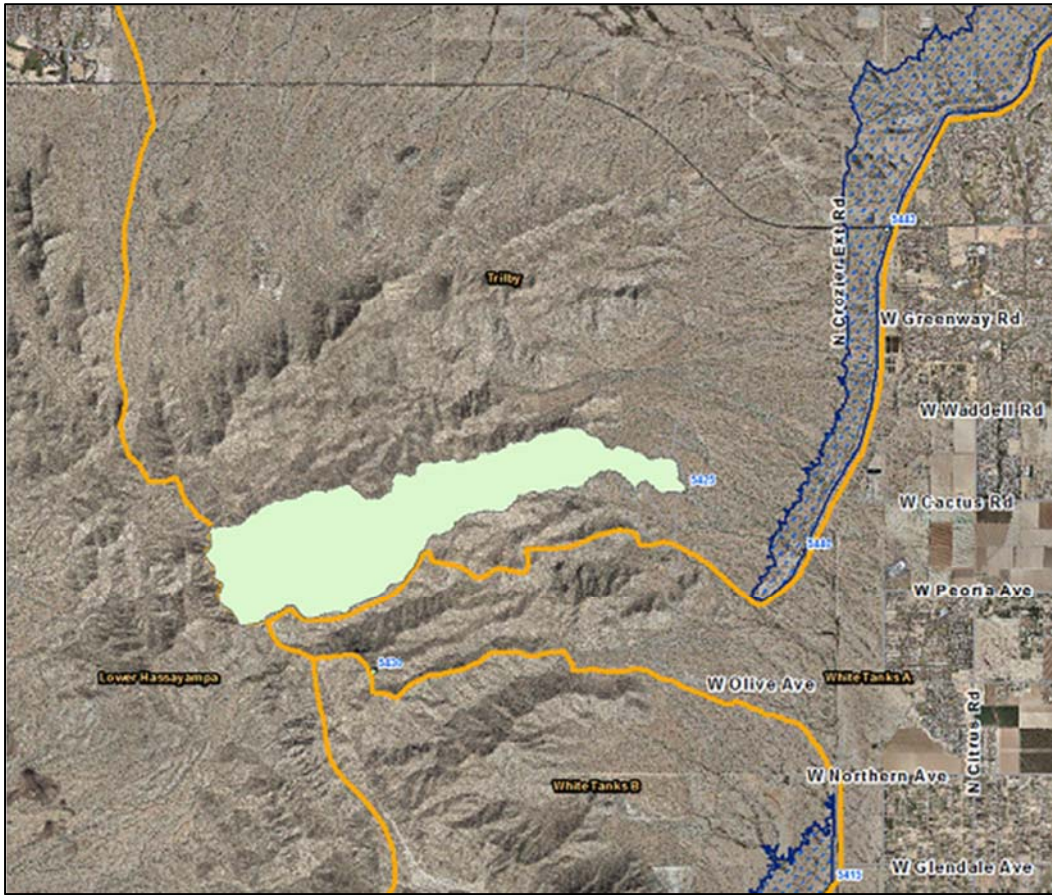
Ford Canyon Wash, ID #5428



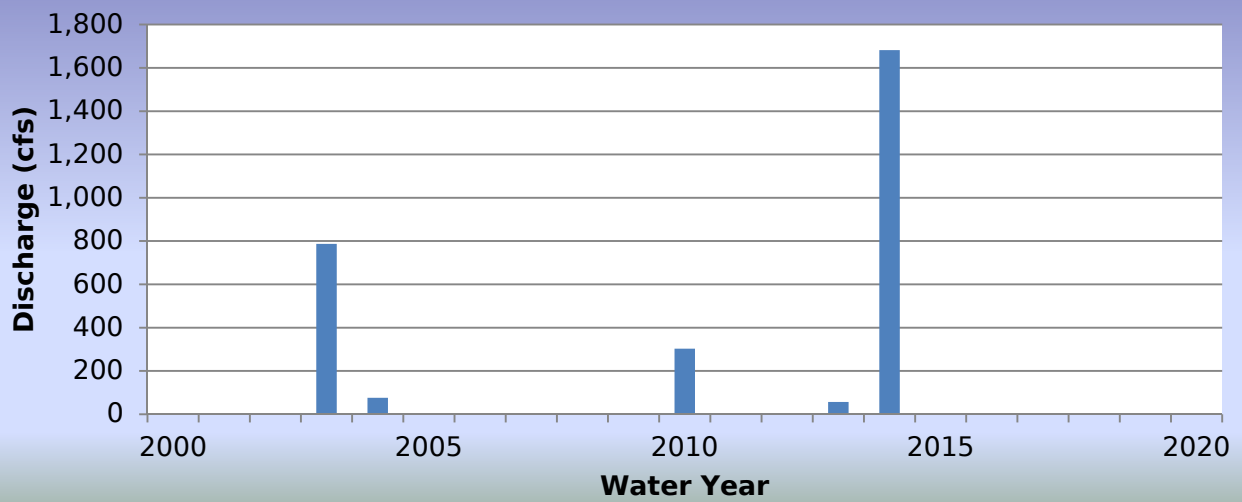
Site Data

LOCATION	Located in the north part of White Tanks Regional Park
DRAINAGE AREA	4.3 mi ²
STREAM TYPE	Natural Stream
JURISDICTION	Maricopa County, Arizona
WATERSHED	White Tanks B
SECTION/TOWNSHIP/RANGE	S18 T3N R2W
LATITUDE	N 33° 35' 47.3" +33.59648
LONGITUDE	W 112° 29' 57.3" -112.49925
STREAMGAGE INSTALLATION DATE	02/05/2002 - WY 2002
AVAILABLE PERIOD OF RECORD (POR)	02/05/2002 - Current
LENGTH OF AVAILABLE POR DATA	15.65 Years 5,717 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.72 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	1,468.00 feet NAVD 1988
POINT OF ZERO FLOW	-0.3 feet Gage Height
EXTREME FOR PERIOD OF RECORD	1,682 cfs 4.37 feet 09/08/2014

Watershed Map



Ford Canyon Wash - water year peaks



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
No runoff recorded		

Hydrograph of peak WY 2017 flow event

No runoff recorded during Water Year 2017.

Flood Flow Frequency

Flood Flow Frequency Based on HEC-1 Analysis, June 2002					
2-year	5-year	10-year	25-year	50-year	100-year
200	390	690	1,740	1,875	1,960

Ford Canyon Wash, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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		---			---		---		---			---
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	1	1	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	1	0
WTR YR 2017	TOTAL		1	MEAN	0	MAX	1	MIN	0	AC_FT		1

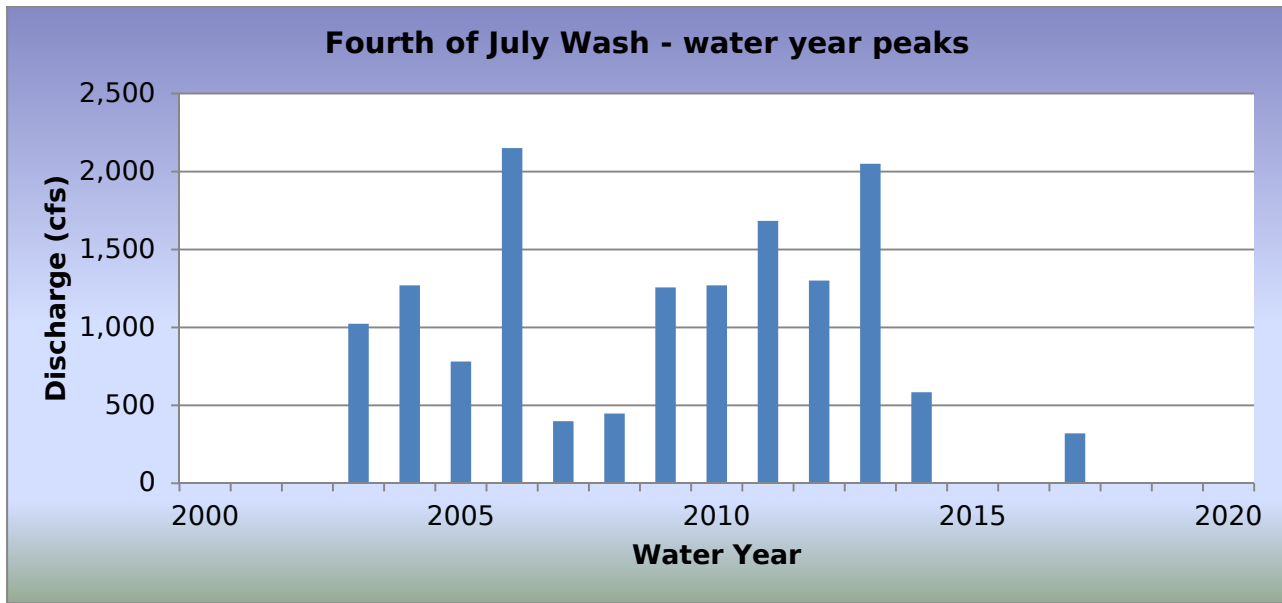
Fourth of July Wash, ID #5043



Site Data

LOCATION	Western Maricopa County about 20 miles west of Arlington
DRAINAGE AREA	3.7 mi ²
STREAM TYPE	Natural Stream
JURISDICTION	Maricopa County, Arizona
WATERSHED	Lower Gila
SECTION/TOWNSHIP/RANGE	S01 T2S R9W
LATITUDE	N 33° 16' 39.5" +33.27763
LONGITUDE	W 113° 07' 47.1" -113.12976
STREAMGAGE INSTALLATION DATE	03/14/2002 - WY 2002
AVAILABLE PERIOD OF RECORD (POR)	03/14/2002 - Current
LENGTH OF AVAILABLE POR DATA	15.55 Years 5,680 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.20 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	1,110.00 feet NAVD 1988
POINT OF ZERO FLOW	-0.25 feet Gage Height
EXTREME FOR PERIOD OF RECORD	2,150 cfs 4.35 feet 08/30/2006

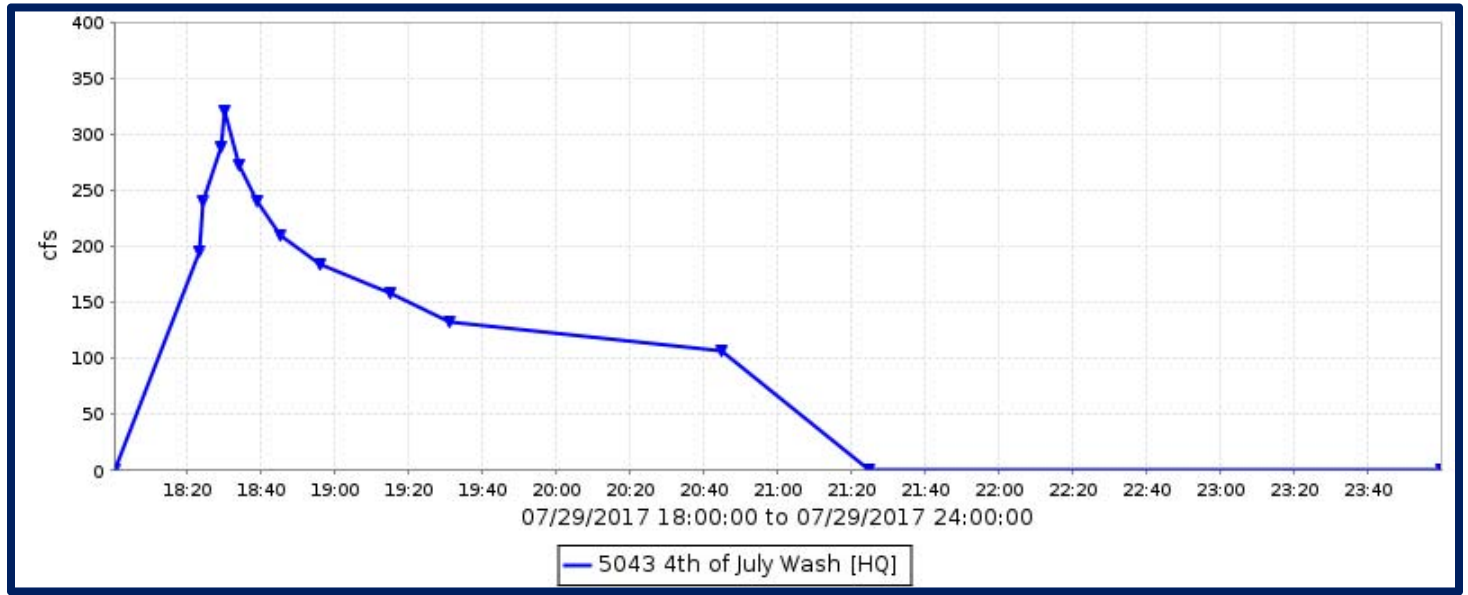
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
07/29/2017	1.10	320

Hydrograph of peak WY 2017 flow event, 07/29/2017



Flood Flow Frequency

Flood Flow Frequency N=16, HEC-WRC computation (based on 16 years of data)					
2-year	5-year	10-year	20-year	50-year	100-year
801	1,470	1,970	2,480	3,170	3,710

NOTE: These results are based on very limited data.

Fourth of July Wash, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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					---					19		
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	0	0	0	0	0	0	19	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	320	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	39	0	0
WTR YR 2017	TOTAL		19	MEAN	0	MAX	320	MIN	0	AC_FT		39

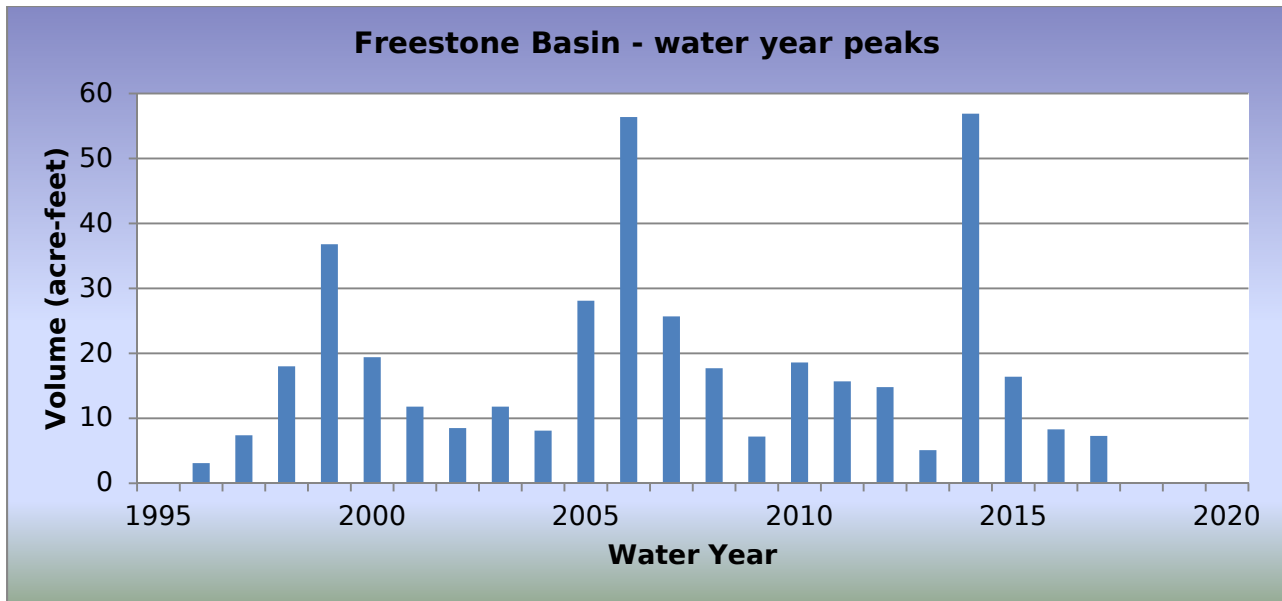
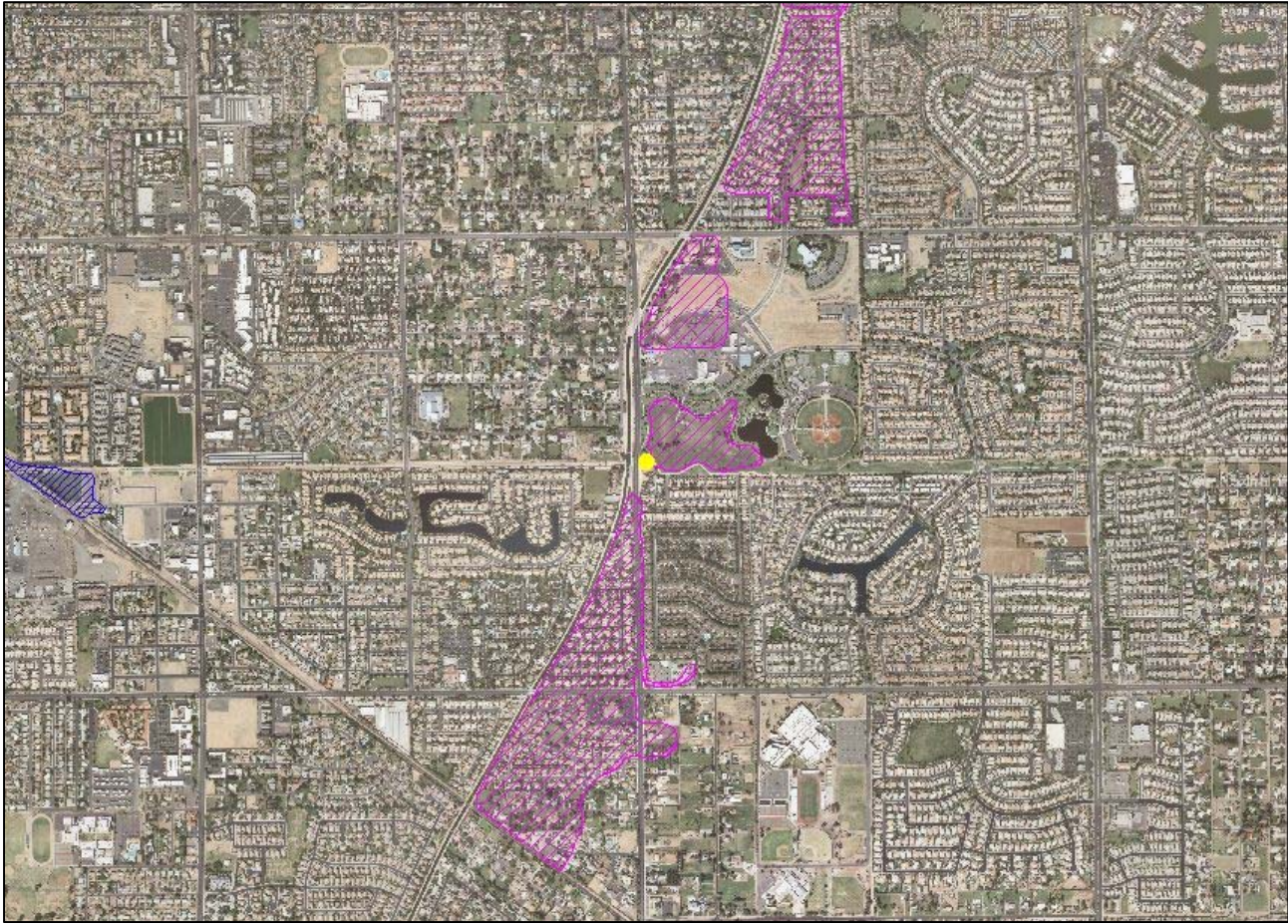
Freestone Basin, ID #6608



Site Data

LOCATION	Near Lindsay Road south of Guadalupe Road
DRAINAGE AREA	2.2 mi ²
STREAM TYPE	Flood control basin
JURISDICTION	Gilbert, Arizona
WATERSHED	Lower East Maricopa Floodway
SECTION/TOWNSHIP/RANGE	S08 T1S R6E
LATITUDE	N 33° 21' 26.4" +33.35734
LONGITUDE	W 111° 46' 21.9" -111.77274
STREAMGAGE INSTALLATION DATE	12/19/1995 - WY 1996
AVAILABLE PERIOD OF RECORD (POR)	12/19/1995 - Current
LENGTH OF AVAILABLE POR DATA	21.79 Years 7,957 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	2.83 feet Gage Height
STAFF GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,217.49 feet M.S.L.
POINT OF ZERO FLOW	None - Pump Control
SPILLWAY CREST ELEVATION	None
TOP OF BASIN ELEVATION	25.0 feet Gage Height

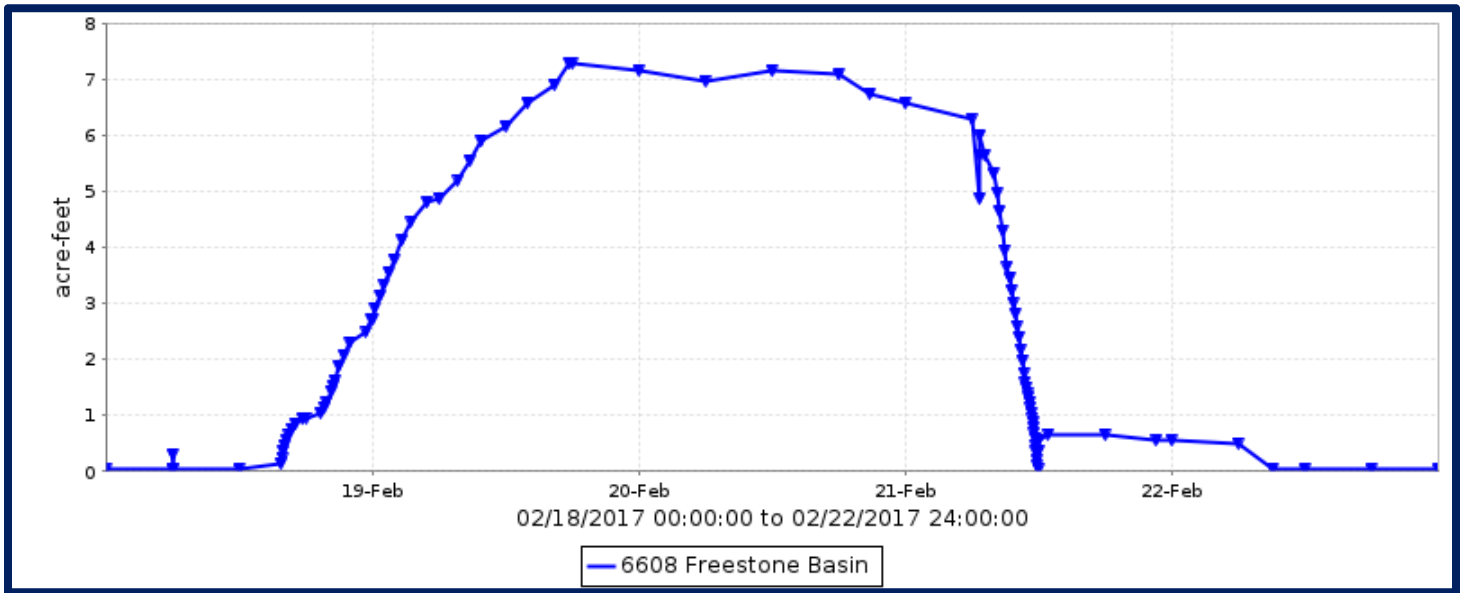
Location Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
02/19/2017	6.54	7.3	

Hydrograph of peak WY 2017 impoundment event, 02/19/2017



Freestone Basin, volume data

Volume, in acre-feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				2								
2	1			2			1					
3	1	---		1								
4		---										
5		---										
6		---										
7		---										
8		---										
9		1										
10									1			
11		1							1			
12		1			1							
13		1									1	
14				1								
15				1								
16				1								
17			1							1		
18			1		1							
19			2		6							
20			1	1	7							
21		1		4	3							
22			2	1								
23			1					1		1		
24			2							1		
25			5							1		
26			5									
27		1	2									
28		1			1							
29					---	1		1				
30					---							
31		---	1		---		---		---			---
MEAN	0	0	1	1	1	0	0	0	0	0	0	0
MAX	2	2	5	6	7	1	1	1	3	2	1	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2017	MEAN		0	MAX	7	MIN	0					

Freestone Basin, stage data

Depth, in feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.9	2.9	2.9	4.5	2.9	2.9	3.1	2.9	2.9	2.9	2.9	2.9
2	3.5	2.9	2.9	4.9	3.2	2.9	3.5	2.9	2.9	3.0	2.9	2.9
3	3.3	---	2.9	3.6	3.0	2.9	3.0	2.9	2.9	2.9	3.0	2.9
4	2.9	---	2.9	2.9	2.9	2.9	3.1	3.0	2.9	2.9	3.0	2.9
5	2.9	---	2.9	2.9	2.9	2.9	2.9	3.0	2.9	2.9	2.9	2.9
6	2.9	---	2.9	2.9	2.9	2.9	3.0	2.9	2.9	2.9	3.0	2.9
7	2.9	---	2.9	2.9	2.9	2.9	3.0	2.9	2.9	2.9	2.9	2.9
8	2.9	---	2.9	2.9	2.9	2.9	2.9	3.0	2.9	2.9	2.9	2.9
9	2.9	3.3	2.9	3.0	2.9	2.9	2.9	3.0	3.1	2.9	2.9	2.9
10	2.9	3.1	2.9	2.9	3.0	2.9	3.0	3.0	4.2	2.9	2.9	2.9
11	2.9	3.3	2.9	2.9	3.2	3.0	3.0	3.0	4.0	3.0	2.9	2.9
12	2.9	3.4	3.0	2.9	3.2	3.0	2.9	2.9	3.1	2.9	2.9	2.9
13	2.9	3.3	2.9	3.0	3.0	3.1	2.9	2.9	2.9	2.9	3.4	2.9
14	2.9	3.1	2.9	3.3	2.9	3.0	3.0	2.9	2.9	2.9	2.9	2.9
15	2.9	2.9	2.9	3.7	3.1	2.9	2.9	2.9	2.9	3.0	2.9	2.9
16	2.9	2.9	3.2	3.3	2.9	2.9	2.9	3.1	2.9	3.2	2.9	2.9
17	2.9	2.9	3.4	2.9	2.9	2.9	2.9	3.0	2.9	3.3	2.9	2.9
18	3.0	2.9	3.3	2.9	3.3	2.9	3.0	2.9	3.1	2.9	2.9	2.9
19	2.9	2.9	4.1	2.9	6.1	2.9	2.9	2.9	2.9	2.9	2.9	2.9
20	2.9	2.9	4.0	3.4	6.5	3.0	3.0	2.9	2.9	2.9	2.9	2.9
21	2.9	3.2	3.0	5.4	4.6	3.0	2.9	3.2	2.9	2.9	2.9	2.9
22	2.9	2.9	4.5	3.9	3.0	2.9	3.0	3.1	2.9	2.9	2.9	2.9
23	2.9	2.9	3.6	3.1	2.9	3.0	3.1	3.2	2.9	3.2	2.9	2.9
24	3.0	2.9	4.1	3.1	2.9	2.9	3.0	3.0	3.0	4.1	2.9	2.9
25	3.1	2.9	5.9	2.9	2.9	2.9	3.0	2.9	3.2	3.2	2.9	2.9
26	2.9	2.9	5.8	2.9	2.9	2.9	2.9	2.9	3.0	2.9	2.9	2.9
27	2.9	3.1	4.3	2.9	3.0	2.9	2.9	2.9	2.9	2.9	2.9	2.9
28	2.9	3.7	3.1	2.9	3.4	2.9	2.9	3.1	2.9	2.9	2.9	2.9
29	2.9	2.9	2.9	2.9	---	3.5	2.9	3.3	2.9	2.9	2.9	2.9
30	2.9	2.9	3.1	2.9	---	3.2	3.0	3.1	2.9	3.1	2.9	2.9
31	2.9	---	3.6	2.9	---	3.0	---	2.9	---	2.9	2.9	---
MEAN	2.9	3.0	3.4	3.2	3.3	2.9	3.0	3.0	3.0	3.0	2.9	2.9
MAX	4.5	4.9	6.0	6.2	6.5	3.9	3.6	3.5	5.2	4.6	4.3	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 2017	MEAN	3.03	MAX	6.54	MIN	2.85						

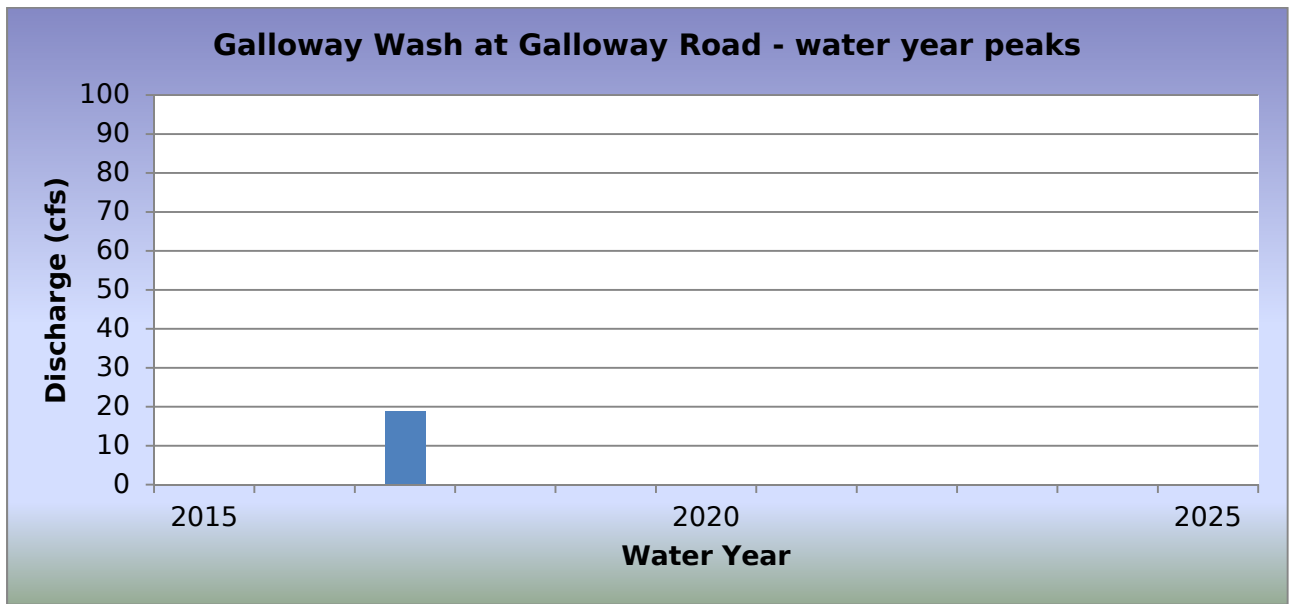
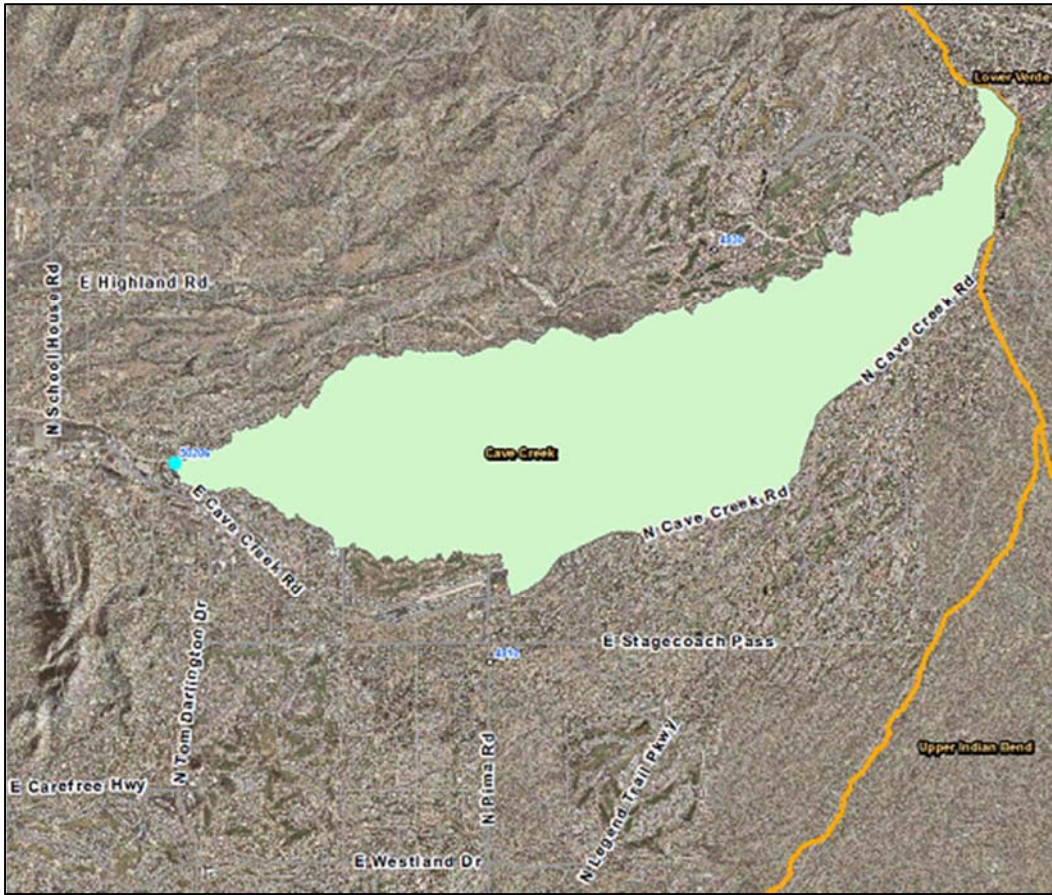
Galloway Wash at Galloway Road, ID #20607



Site Data

LOCATION	Located on Galloway Road about 1/8 mile north of Cave Creek Road
DRAINAGE AREA	6.4 mi ²
STREAM TYPE	Natural
JURISDICTION	Cave Creek, Arizona
WATERSHED	Cave Creek
SECTION/TOWNSHIP/RANGE	S34 T6N R4E
LATITUDE	N 33° 49' 54.1" +33.83170
LONGITUDE	W 111° 55' 43.3" -111.92870
STREAMGAGE INSTALLATION DATE	08/16/2016 - WY 2016
AVAILABLE PERIOD OF RECORD (POR)	08/16/2016 - Current
LENGTH OF AVAILABLE POR DATA	1.13 Years 411 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.15 feet Gage Height
STAFF GAGES	None
CREST STAGE GAGES	None
ZERO GAGE HEIGHT ELEVATION	2,285.00 feet NAVD88
POINT OF ZERO FLOW	0.1 feet Gage Height
EXTREME FOR PERIOD OF RECORD	No Events Recorded

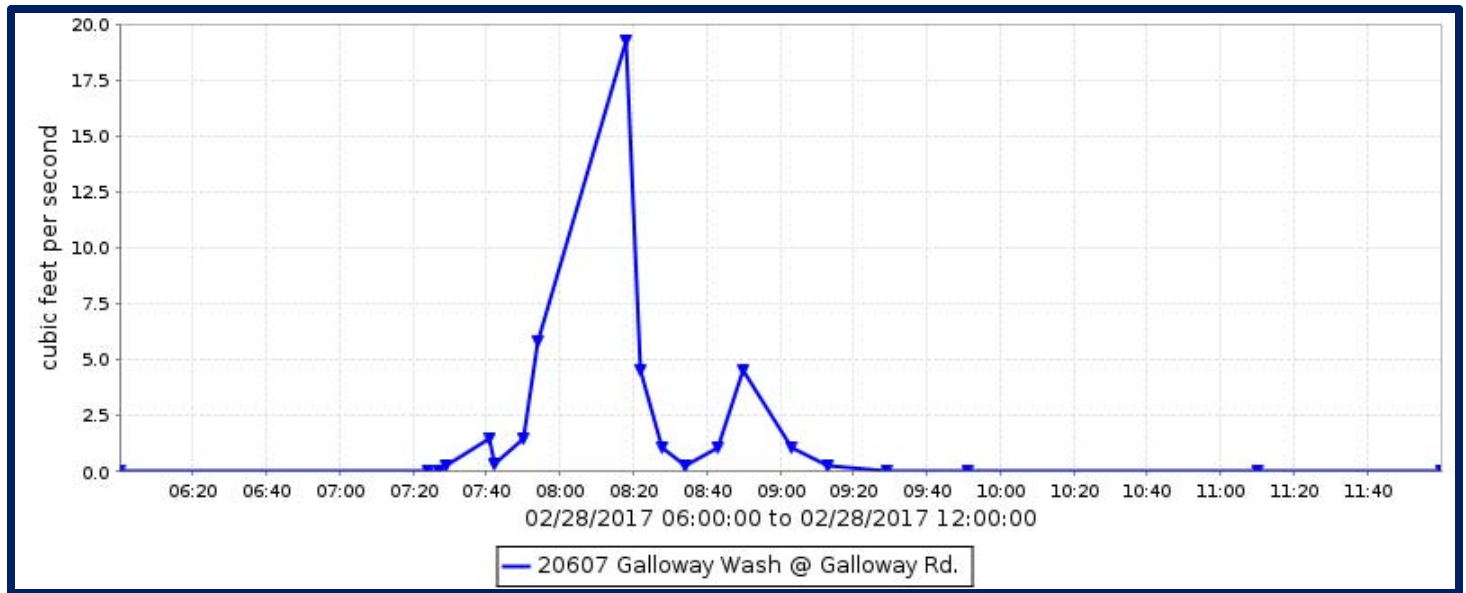
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
02/28/2017	0.79	19

Hydrograph of peak WY 2017 flow event, 02/28/2017



Flood Flow Frequency

There is not enough data to compute a flood flow frequency for this gage station.

Galloway Wash at Galloway Road, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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		---			---		---		---			---
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	19	0	0	0	0	0	3	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 2017	TOTAL		0	MEAN	0	MAX	19	MIN	0	AC_FT		1

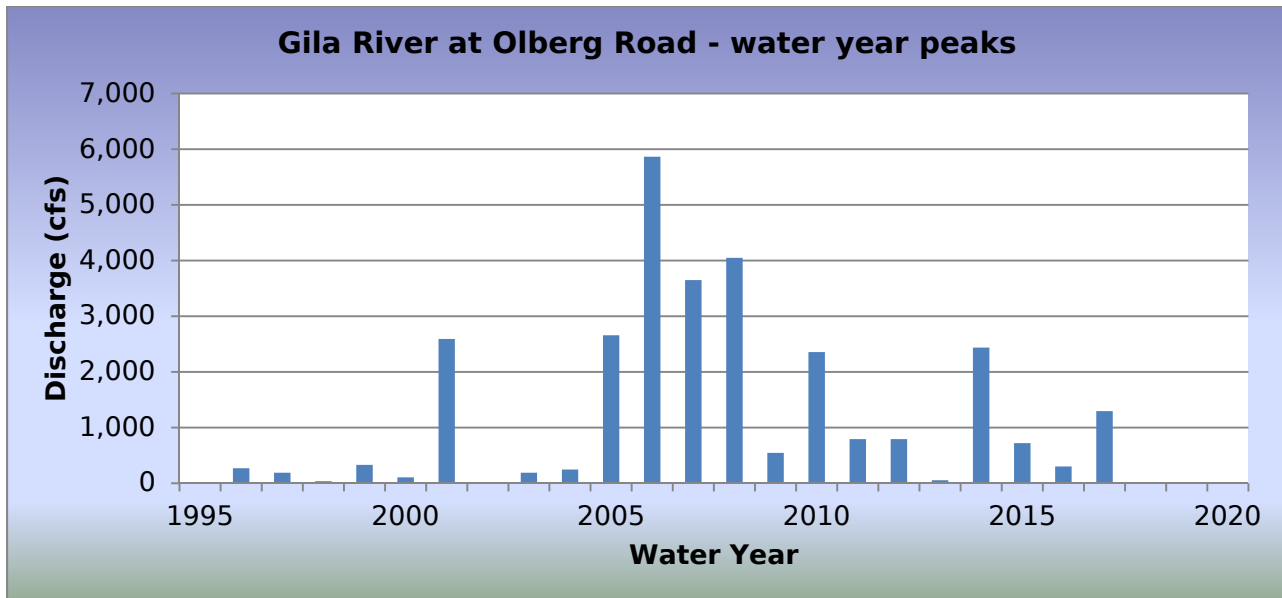
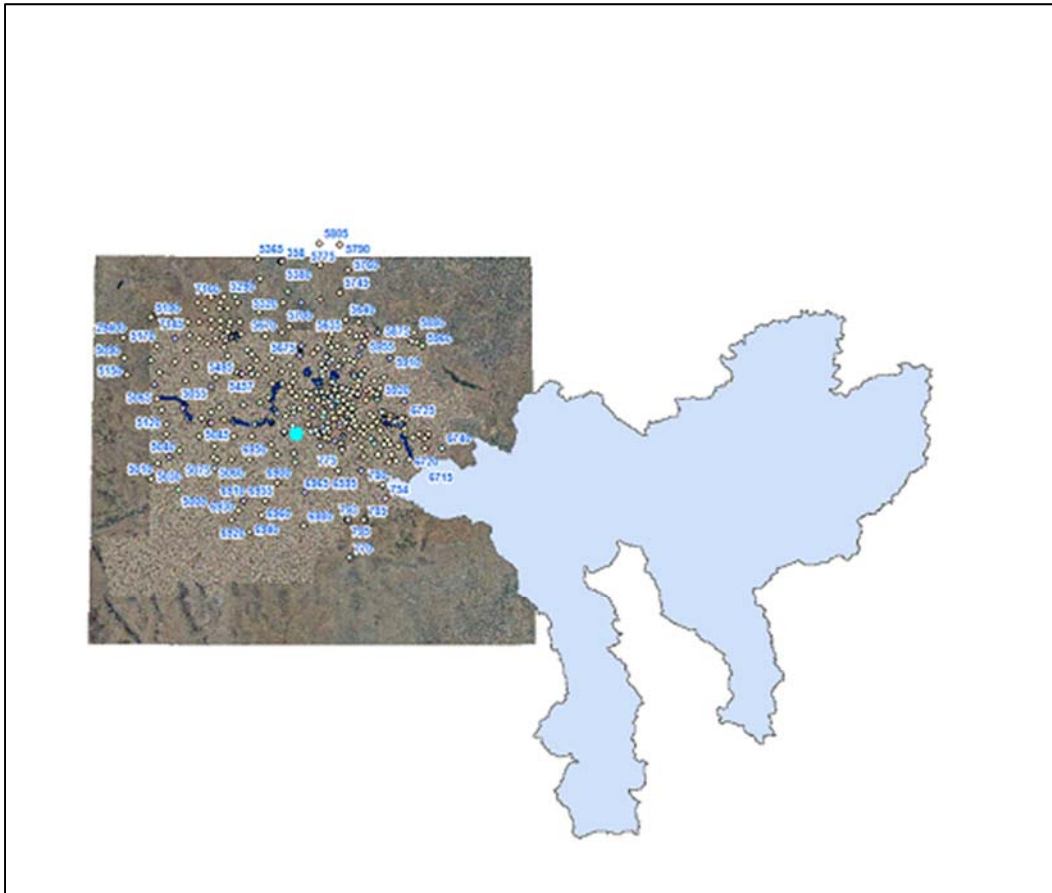
Gila River at Olberg Road, ID #0783



Site Data

LOCATION	Near Sacaton on the Gila River Indian Community
DRAINAGE AREA	18,784 mi ²
STREAM TYPE	Natural Stream
JURISDICTION	Gila River Indian Community, Arizona
WATERSHED	Gila
SECTION/TOWNSHIP/RANGE	S12 T4S R6E
LATITUDE	N 33° 05' 13.4" +33.08706
LONGITUDE	W 111° 41' 13.2" -111.68700
STREAMGAGE INSTALLATION DATE	04/12/1995 - WY 1995
AVAILABLE PERIOD OF RECORD (POR)	04/12/1995 - Current
LENGTH OF AVAILABLE POR DATA	22.47 Years 8,208 Days
DATA GAPS IN POR	09/19/2016 – 10/31/2016
STAGE GAGE ELEVATION	0.44 feet Gage Height
ZERO GAGE HEIGHT ELEVATION	0.00 feet Gage Height
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	5,867 cfs 6.16 feet 08/02/2006

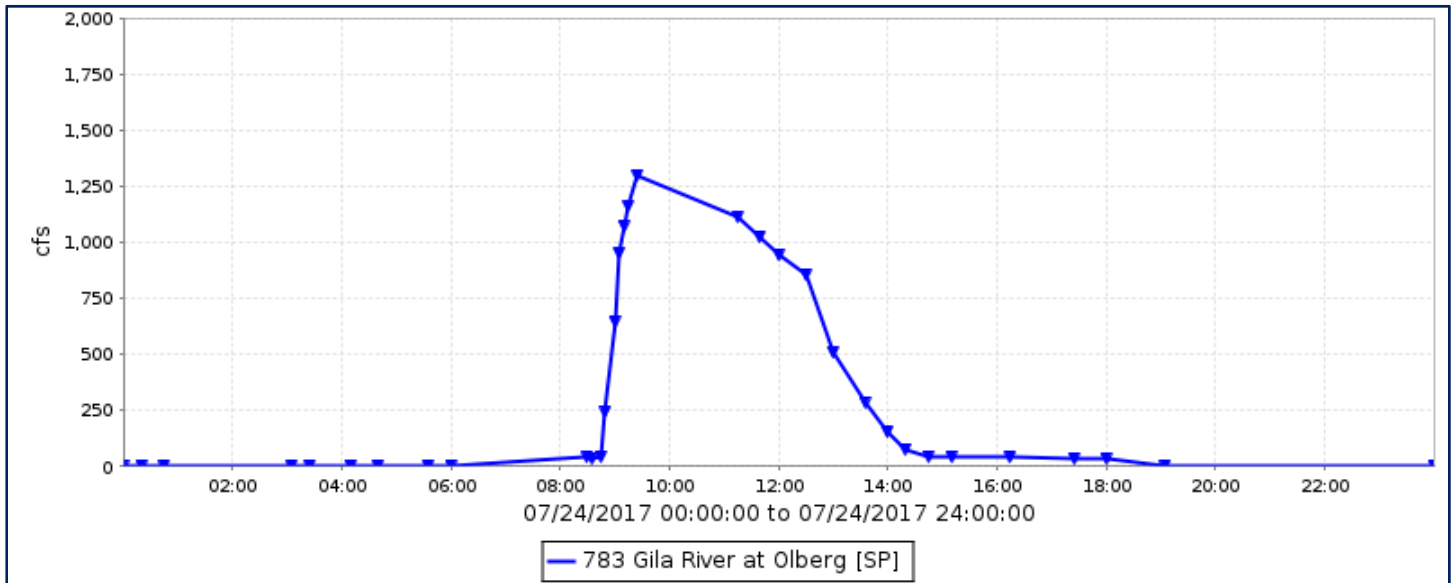
Watershed map



WY2017 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
01/23/2017	1.52	858
01/25/2017	1.57	899
07/24/2017	2.05	1,296

Hydrograph of peak WY 2017 flow event, 07/24/2017



Flood Flow Frequency

Flood Flow Frequency N=23, HEC-WRC computation (based on 23 years of data)					
2-year	5-year	10-year	20-year	50-year	100-year
476	1,610	2,970	4,880	8,420	12,000

Gila River at Olberg Road, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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	---			201								
24	---									216		
25	---			293								
26	---		---									
27			---									
28	---		---									
29	---											
30	---				---							
31		---			---		---		---			---
TOTAL	0	0	0	368	0	0	0	0	0	216	0	0
MEAN	0	0	0	12	0	0	0	0	0	7	0	0
MAX	0	0	0	899	0	0	0	0	0	1296	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	730	0	0	0	0	0	429	0	0
WTR YR 2017	TOTAL		584	MEAN	2	MAX	1296	MIN	0	AC_FT	1159	

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

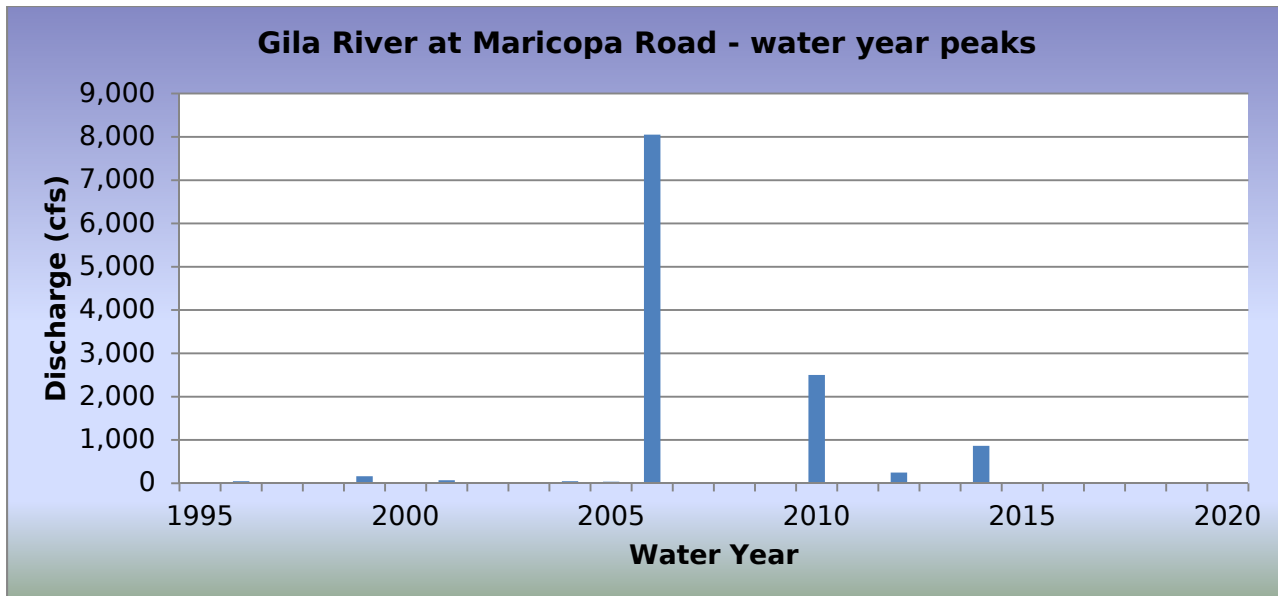
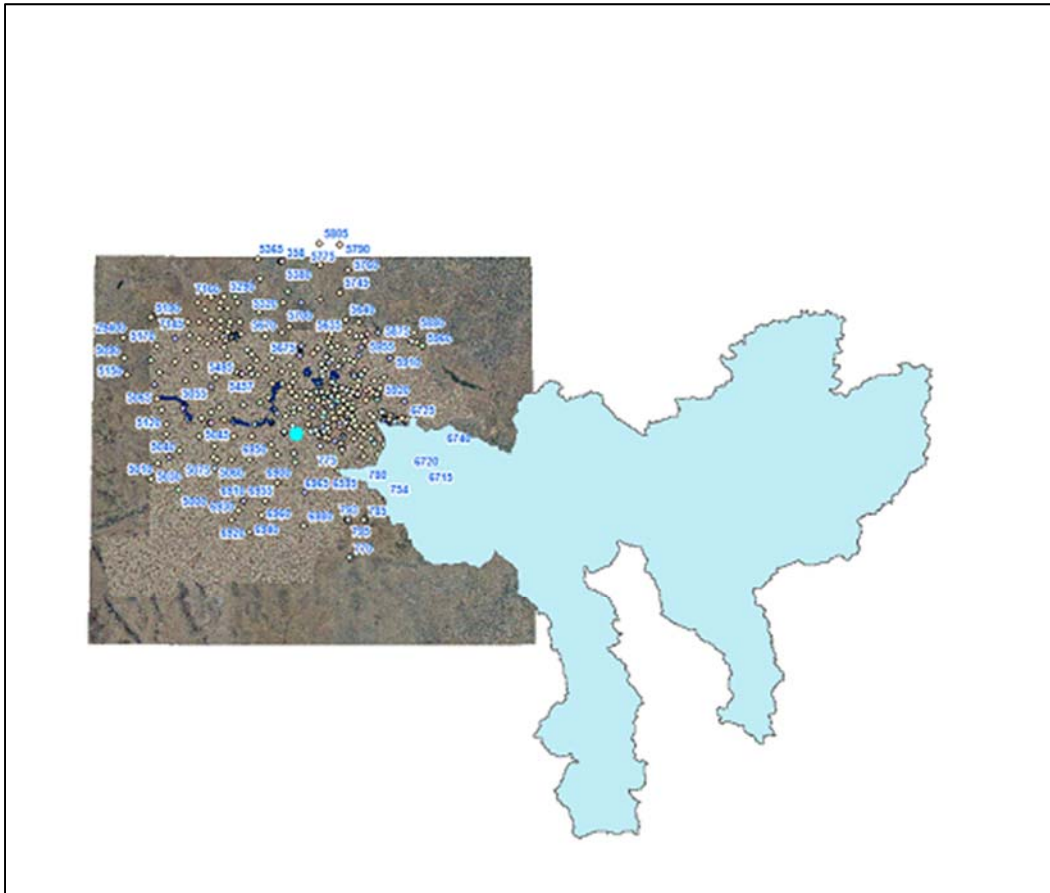
Gila River at Maricopa Road, ID #0778



Site Data

LOCATION	On Maricopa Road (SR 347) about 5 miles north of Maricopa
DRAINAGE AREA	20,312 mi ²
STREAM TYPE	Natural Stream
JURISDICTION	Gila River Indian Community, Arizona
WATERSHED	Lower East Maricopa Floodway
SECTION/TOWNSHIP/RANGE	S13 T3S R3E
LATITUDE	N 33° 10' 14.7" +33.17076
LONGITUDE	W 112° 00' 21.7" -112.00601
STREAMGAGE INSTALLATION DATE	04/09/1995 - WY 1995
AVAILABLE PERIOD OF RECORD (POR)	04/09/1995 - Current
LENGTH OF AVAILABLE POR DATA	22.48 Years 8,211 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	1.36 feet Gage Height
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	0.00 feet Gage Height
POINT OF ZERO FLOW	Undetermined
EXTREME FOR PERIOD OF RECORD	8,051 cfs 3.99 feet 07/31/2006

Watershed for Gila River at Maricopa Road



WY2017 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
No runoff recorded		

Hydrograph of peak WY 2017 flow event,

There were no runoff events in water year 2016

Flood Flow Frequency

There is not enough data to compute a flood flow frequency for this gage station.

Gila River at Maricopa Road, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values														
	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		---			---		---		---			---			
TOTAL	0	0	0	0	0	2	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	2	1	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	3	0	0	0	0	0	0			
WTR YR 2017	TOTAL		2	MEAN		0	MAX		2	MIN		0	AC_FT		4

NOTE: The USGS maintains a gage at this site in cooperation with ADOT. See USGS Gage #09479350. See *USGS Water-Data Report AZ-16-1* for official data for this site.

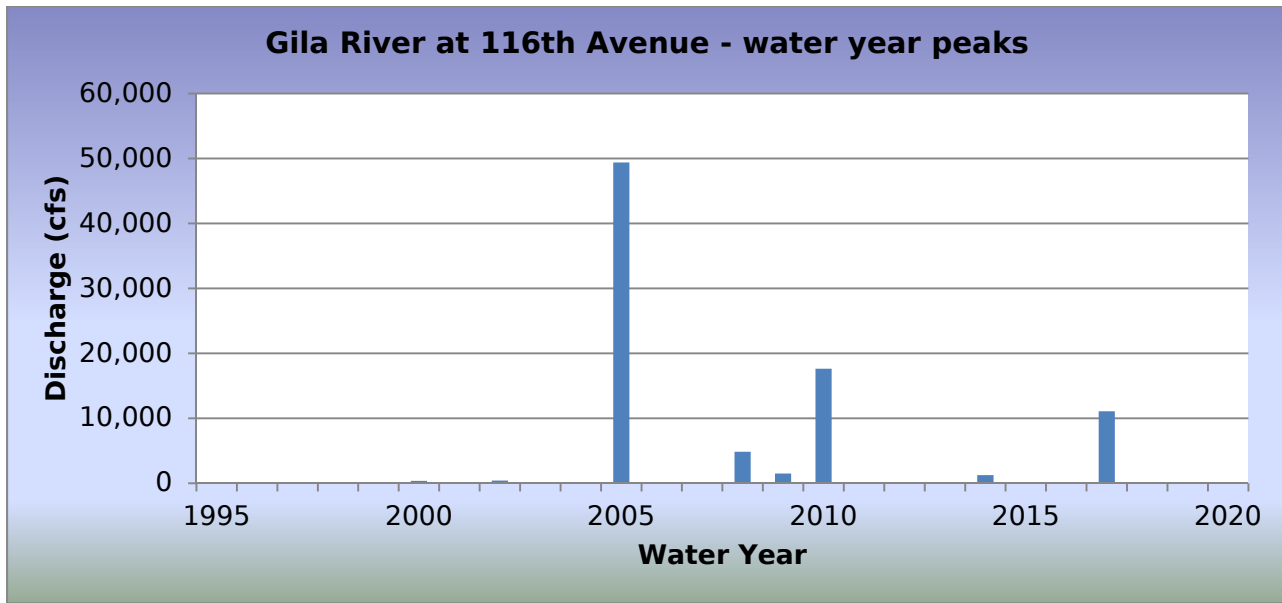
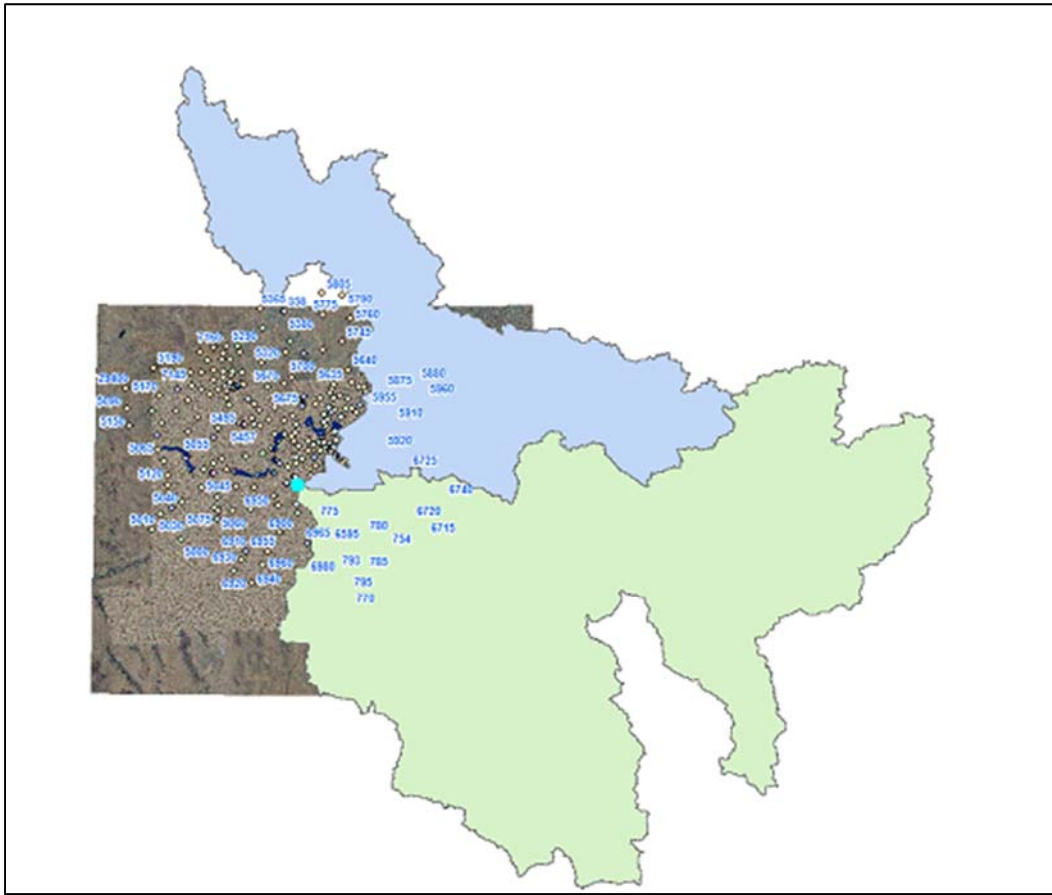
Gila River at 116th Avenue, ID #6848



Site Data

LOCATION	Located on the Avondale Boulevard bridge crossing of the Gila River
DRAINAGE AREA	43,300 mi ²
STREAM TYPE	Natural Stream
JURISDICTION	Avondale, Arizona
WATERSHED	Lower ACDC / South Mountain
SECTION/TOWNSHIP/RANGE	S36 T1N R1W
LATITUDE	N 33° 22' 58.2" +33.38282
LONGITUDE	W 112° 18' 29.2" -112.30812
STREAMGAGE INSTALLATION DATE	12/16/1998 - WY 1999
AVAILABLE PERIOD OF RECORD (POR)	12/16/1998 - Current
LENGTH OF AVAILABLE POR DATA	18.79 Years 6,864 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	1.15 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	927.14 feet M.S.L.
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	49,394 cfs 9.15 feet 02/13/2005

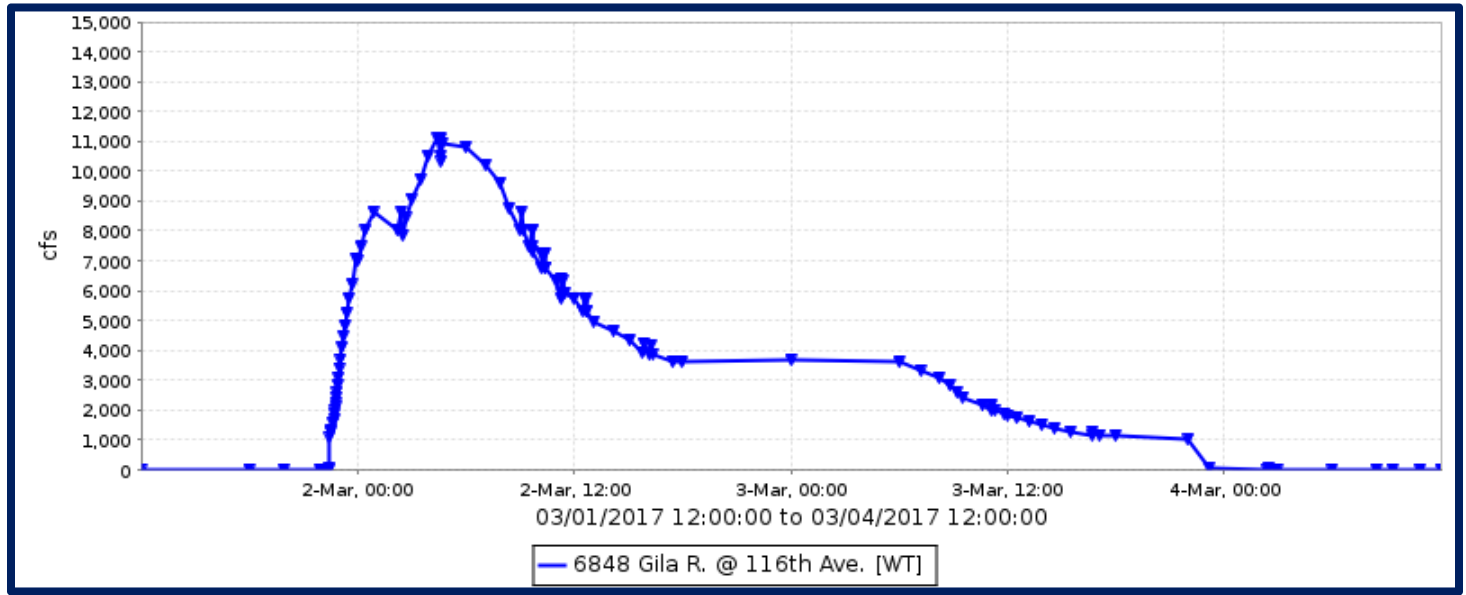
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
03/02/2017	5.99	11,075

Hydrograph of peak WY 2017 flow event, 03/02/2017



Flood Flow Frequency

There is not enough data to compute a flood flow frequency for this gage station.

Gila River at 116th Avenue, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1						261						
2						6482						
3						2226						---
4						10						
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		---				---		---		---		---
TOTAL	0	0	0	0	0	8979	0	0	0	0	0	0
MEAN	0	0	0	0	0	290	0	0	0	0	0	0
MAX	0	0	0	0	0	11075	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	17809	0	0	0	0	0	0
WTR YR 2017	TOTAL	8979	MEAN	25	MAX	11075	MIN	0	AC_FT	17809		

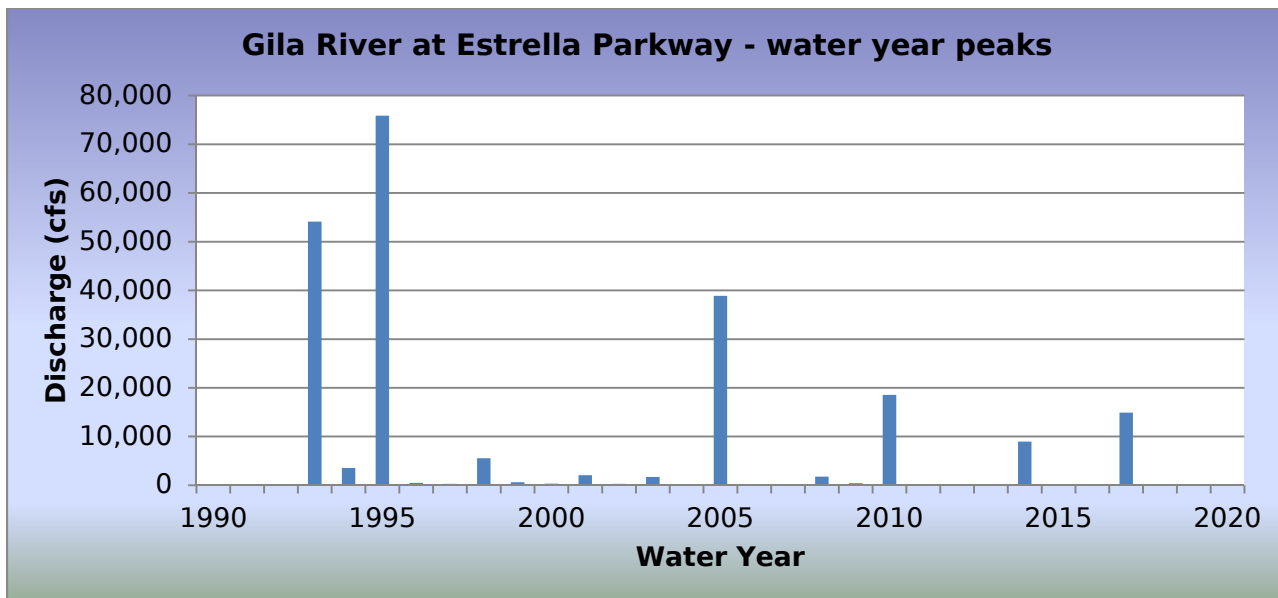
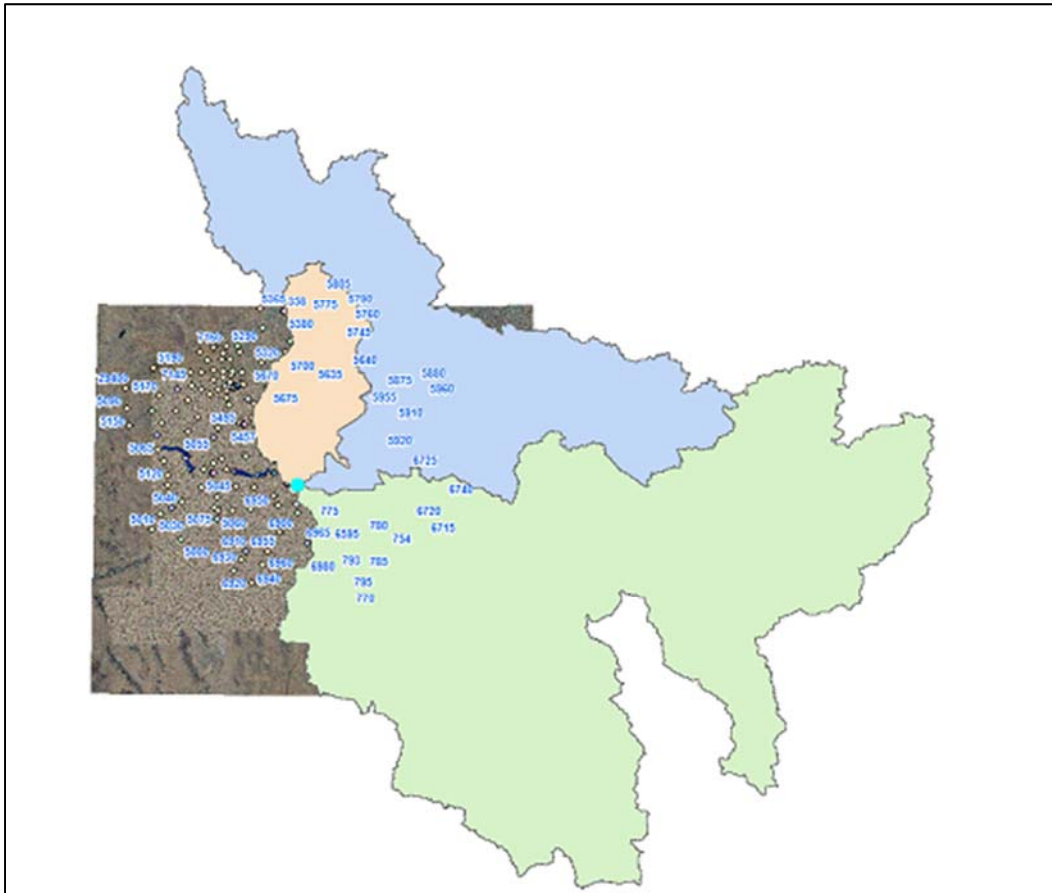
Gila River at Estrella Parkway, ID #6853



Site Data

LOCATION	Located at Estrella Parkway crossing of the Gila River
DRAINAGE AREA	45,585 mi ²
STREAM TYPE	Natural Stream
JURISDICTION	Goodyear, Arizona
WATERSHED	Waterman
SECTION/TOWNSHIP/RANGE	S31 T1N R1W
LATITUDE	N 33° 23' 20.6" +33.38908
LONGITUDE	W 112° 23' 32.9" -112.39248
STREAMGAGE INSTALLATION DATE	12/02/1992 - WY 1993
AVAILABLE PERIOD OF RECORD (POR)	12/02/1992 - Current
LENGTH OF AVAILABLE POR DATA	24.83 Years 9,069 Days
DATA GAPS IN POR	01/08/1993 - 03/01/1993
STAGE GAGE ELEVATION	1.92 feet Gage Height
STAFF GAGES	2
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	883.11 feet M.S.L.
POINT OF ZERO FLOW	1.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	75,883 cfs 16.45 feet 02/16/1995

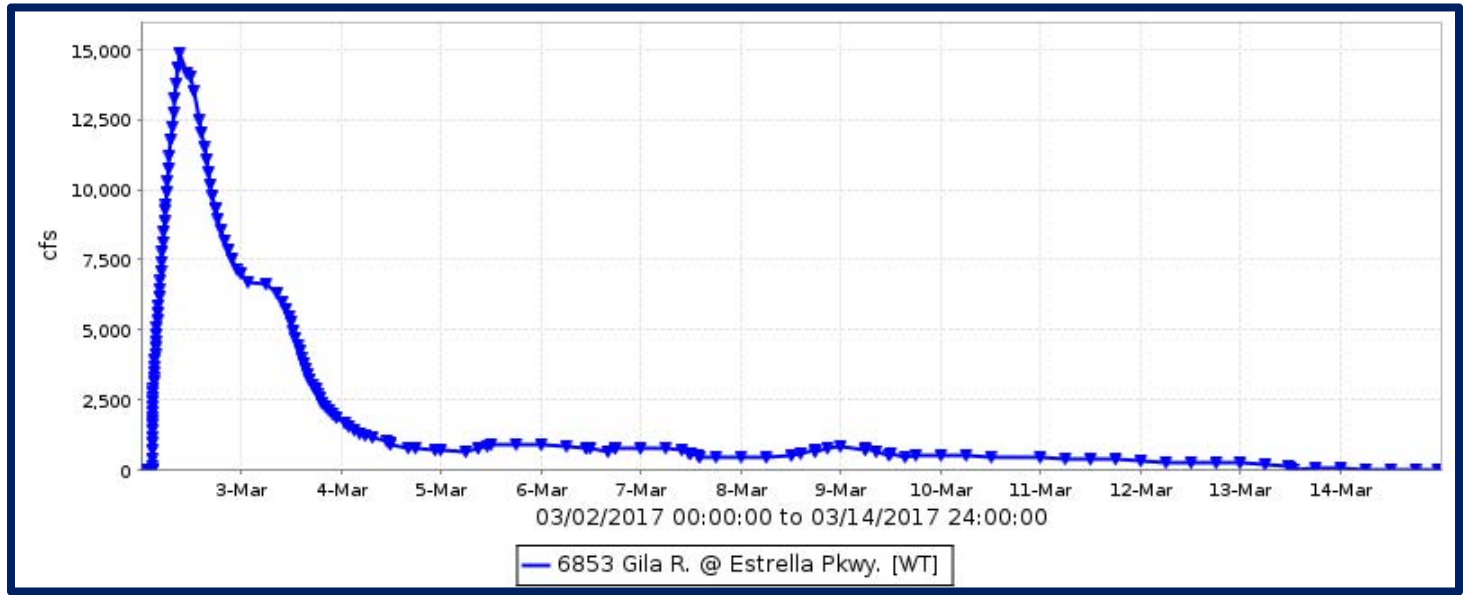
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
03/02/2017	11.14	14,893

Hydrograph of peak WY 2017 flow event, 03/02/2017



Flood Flow Frequency

Flood Flow Frequency From Study of Modified Roosevelt Dam Table 2-4					
2-year	5-year	10-year	20-year	50-year	100-year
	20,000	50,000	84,000	170,000	217,000

Gila River at Estrella Parkway, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2						9124						
3						4825						
4						1072						
5						793						
6						804						
7						602						
8						541						
9						623						
10						493						
11						378						
12						262						
13						119						
14						21						
15						4						
16						1						
17		1										
18		1										
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29						---						
30						---						
31		---				---	---		---			---
TOTAL	0	2	0	0	0	19662	0	0	0	0	0	0
MEAN	0	0	0	0	0	634	0	0	0	0	0	0
MAX	0	2	0	0	0	14893	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	5	0	0	0	38999	0	0	0	0	0	0
WTR YR 2017	TOTAL	19664	MEAN	54	MAX	14893	MIN	0	AC_FT	39004		

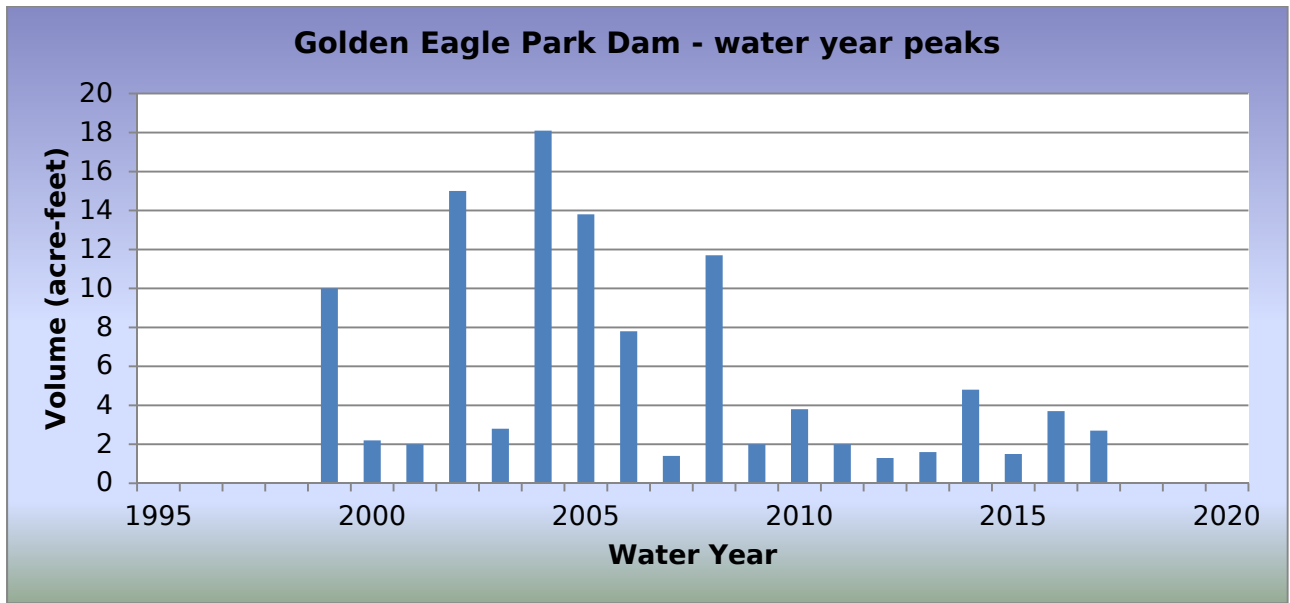
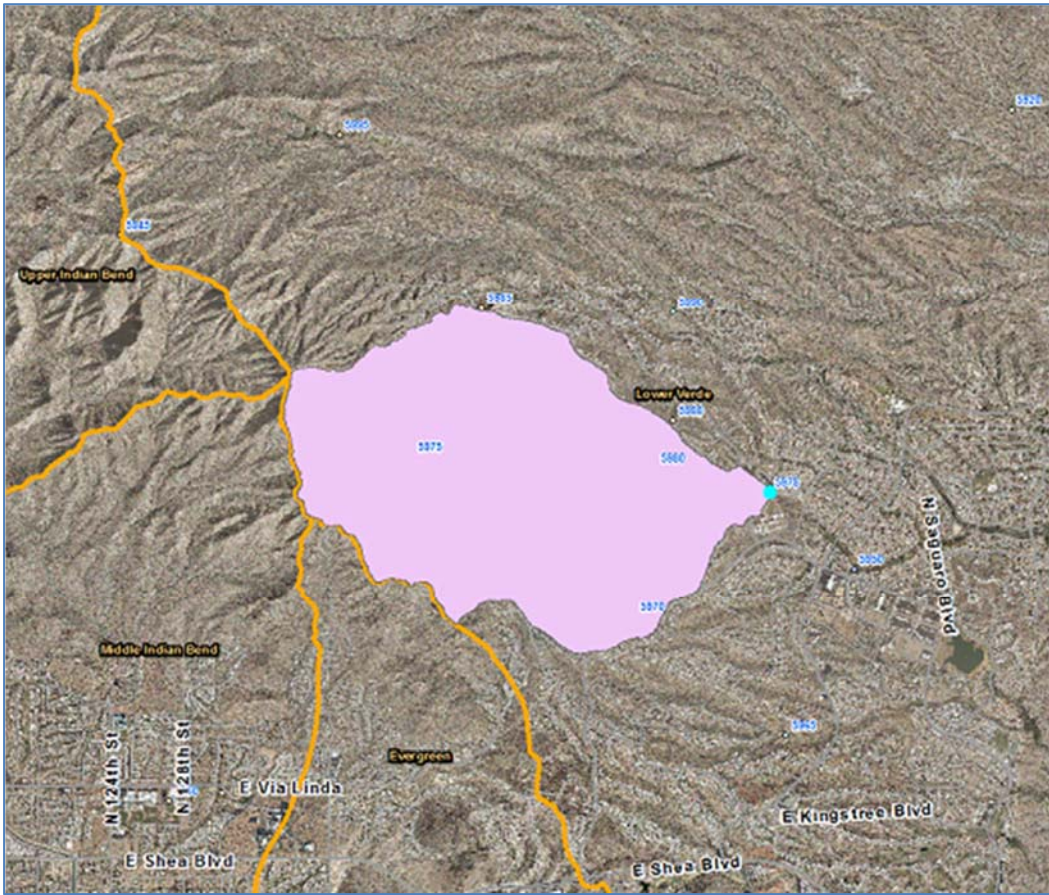
Golden Eagle Park Dam, ID #5978



Site Data

LOCATION	In Golden Eagle Park, near Fountain Hills High School
DRAINAGE AREA	7.13 mi ²
STREAM TYPE	Dam of natural drainage
JURISDICTION	Fountain Hills, Arizona
WATERSHED	Lower Verde
SECTION/TOWNSHIP/RANGE	S09 T3N R6E
LATITUDE	N 33° 37' 07.7" +33.61880
LONGITUDE	W 111° 44' 06.2" -111.73507
STREAMGAGE INSTALLATION DATE	12/12/1996 - WY 1997
AVAILABLE PERIOD OF RECORD (POR)	12/12/1996 - Current
LENGTH OF AVAILABLE POR	20.80 Years 7,598 Days
DATA GAPS IN POR	05/01/2000 - 03/05/2001 (station was located on inflow wash due to construction)
STAGE GAGE ELEVATION	2.56 feet Gage Height
STAFF GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,694.60 feet M.S.L.
POINT OF ZERO FLOW	0.00 feet Gage Height
SPILLWAY CREST ELEVATION	20.26 feet Gage Height
TOP OF DAM ELEVATION	31.9 feet Gage Height

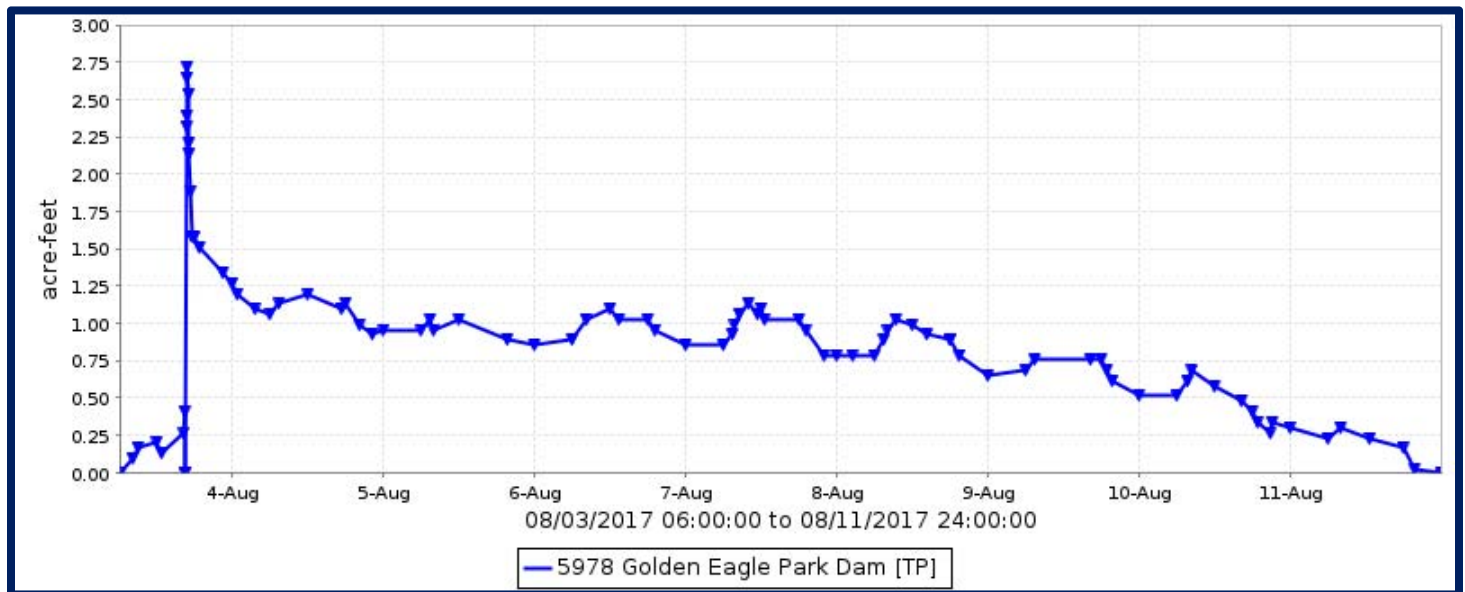
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
12/22/2016	5.98	2.3	2.6
12/24/2016	3.83	0.8	1.0
01/20/2017	4.37	1.2	1.4
07/24/2017	5.78	2.3	2.4
08/03/2017	6.37	2.7	2.9

Hydrograph of peak WY 2017 impoundment event, 08/03/2017



Golden Eagle Park Dam, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3											110	
4											273	
5											249	
6											247	
7											246	
8											232	
9						---					186	
10						---					116	
11						---					34	
12						---						
13	1					---						
14						---						
15						---						
16											9	
17											26	
18											29	
19											17	
20				14								
21												
22			42									
23												
24			47							161		
25			5							84		
26										57		
27										44		
28										3		
29						---						
30						---						
31		---				---		---		---		---
TOTAL	1	0	94	14	0	0	1	1	1	349	1774	0
MEAN	0	0	3	0	0	0	0	0	0	11	57	0
MAX	10	0	451	296	2	0	1	1	1	431	491	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	1	0	186	27	1	0	1	1	1	693	3518	0
WTR YR 2017	TOTAL	2234	MEAN	6	MAX	491	MIN	0	AC_FT	4430		

Golden Eagle Park Dam, volume data

Volume, in acre-feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3											1	
4											1	
5											1	
6											1	
7											1	
8											1	
9						---					1	
10						---					1	
11						---						
12						---						
13						---						
14						---						
15						---						
16												
17												
18												
19												
20												
21												
22												
23												
24										1		
25												
26												
27												
28												
29						---						
30						---						
31		---				---		---		---		---
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	2	1	0	0	0	0	0	2	3	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2017	MEAN		0	MAX	3	MIN	0					

Golden Eagle Park Dam, stage data

Station Number: 5978 Name: Golden Eagle Park Da

Depth, in feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
2	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
3	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	3.3	2.6
4	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	4.2	2.6
5	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	3.9	2.6
6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	3.9	2.6
7	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	3.9	2.6
8	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	3.8	2.6
9	2.6	2.6	2.6	2.6	2.6	---	2.6	2.6	2.6	2.6	3.5	2.6
10	2.6	2.6	2.6	2.6	2.6	---	2.6	2.6	2.6	2.6	3.3	2.6
11	2.6	2.6	2.6	2.6	2.6	---	2.6	2.6	2.6	2.6	2.9	2.6
12	2.6	2.6	2.6	2.6	2.6	---	2.6	2.6	2.6	2.6	2.6	2.6
13	2.6	2.6	2.6	2.6	2.6	---	2.6	2.6	2.6	2.6	2.6	2.6
14	2.6	2.6	2.6	2.6	2.6	---	2.6	2.6	2.6	2.6	2.6	2.6
15	2.6	2.6	2.6	2.6	2.6	---	2.6	2.6	2.6	2.6	2.6	2.6
16	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.7	2.6
17	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.8	2.6
18	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.8	2.6
19	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.7	2.6
20	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
21	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
22	2.6	2.6	2.8	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
23	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
24	2.6	2.6	2.8	2.6	2.6	2.6	2.6	2.6	2.6	3.5	2.6	2.6
25	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	3.2	2.6	2.6
26	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	3.0	2.6	2.6
27	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.9	2.6	2.6
28	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
29	2.6	2.6	2.6	2.6	---	2.6	2.6	2.6	2.6	2.6	2.6	2.6
30	2.6	2.6	2.6	2.6	---	2.6	2.6	2.6	2.6	2.6	2.6	2.6
31	2.6	---	2.6	2.6	---	2.6	---	2.6	---	2.6	2.6	---
MEAN	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.9	2.6
MAX	2.7	2.6	6.0	4.4	2.6	2.6	2.6	2.6	2.6	5.8	6.4	2.6
MIN	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
WTR YR 2017	MEAN	2.60	MAX	6.37	MIN	2.56						

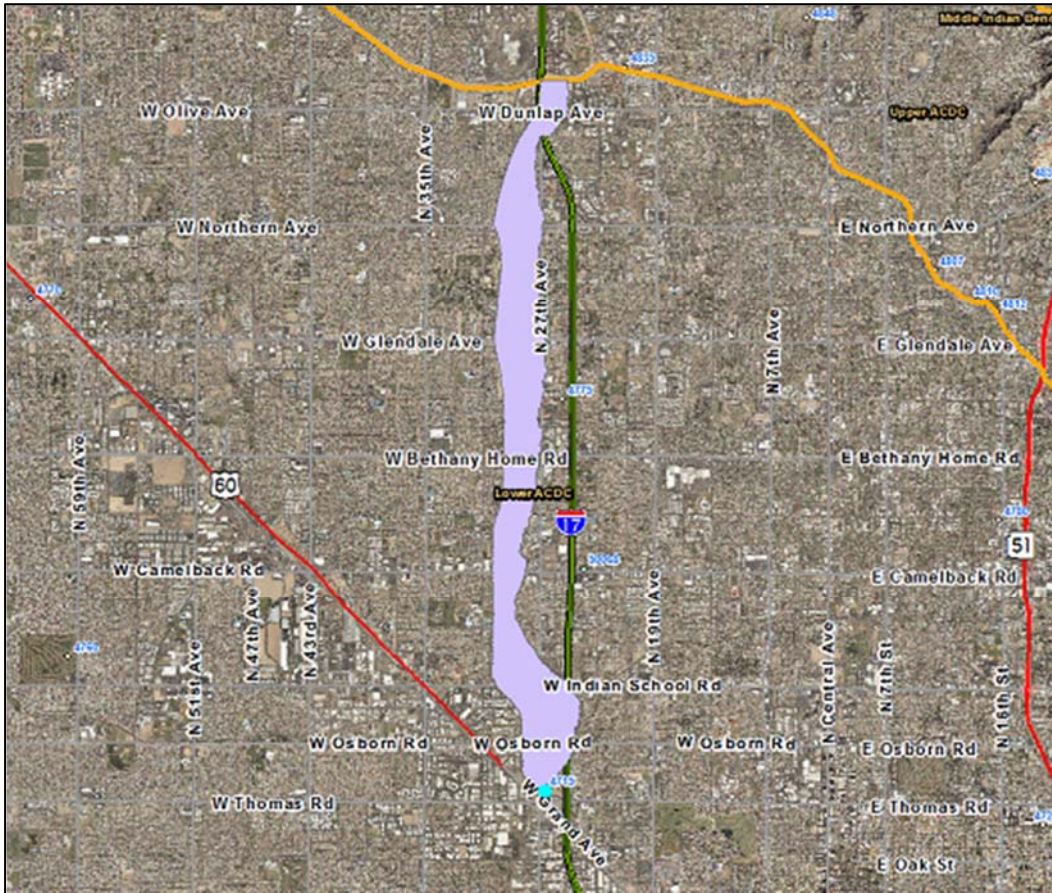
Grand Avenue at 27th Avenue Basin, ID #3807



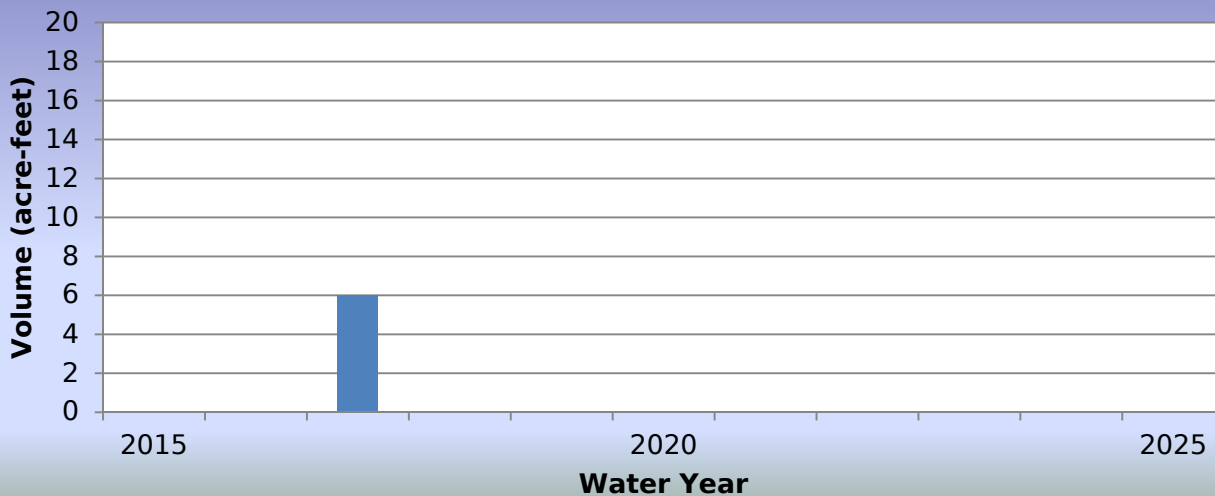
Site Data

LOCATION	Located near north and east of Thomas Road and 27th Ave
DRAINAGE AREA	Undetermined
STREAM TYPE	Flood control basin
JURISDICTION	Phoenix, Arizona
WATERSHED	Lower ACDC
SECTION/TOWNSHIP/RANGE	S25 T2N R2E
LATITUDE	N 33° 28' 54.8" +33.48189
LONGITUDE	W 112° 06' 58.6" -112.11627
STREAMGAGE INSTALLATION DATE	10/06/2015 - WY 2016
AVAILABLE PERIOD OF RECORD (POR)	10/06/2015 - Current
LENGTH OF AVAILABLE POR DATA	1.99 Years 726 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.45 feet Gage Height
STAFF GAGES	0
ZERO GAGE HEIGHT ELEVATION	0.00 feet Gage Height
POINT OF ZERO FLOW	0.00 feet Gage Height
SPILLWAY CREST ELEVATION	No spillway
TOP OF BASIN ELEVATION	8.6 feet Gage Height

Watershed Map



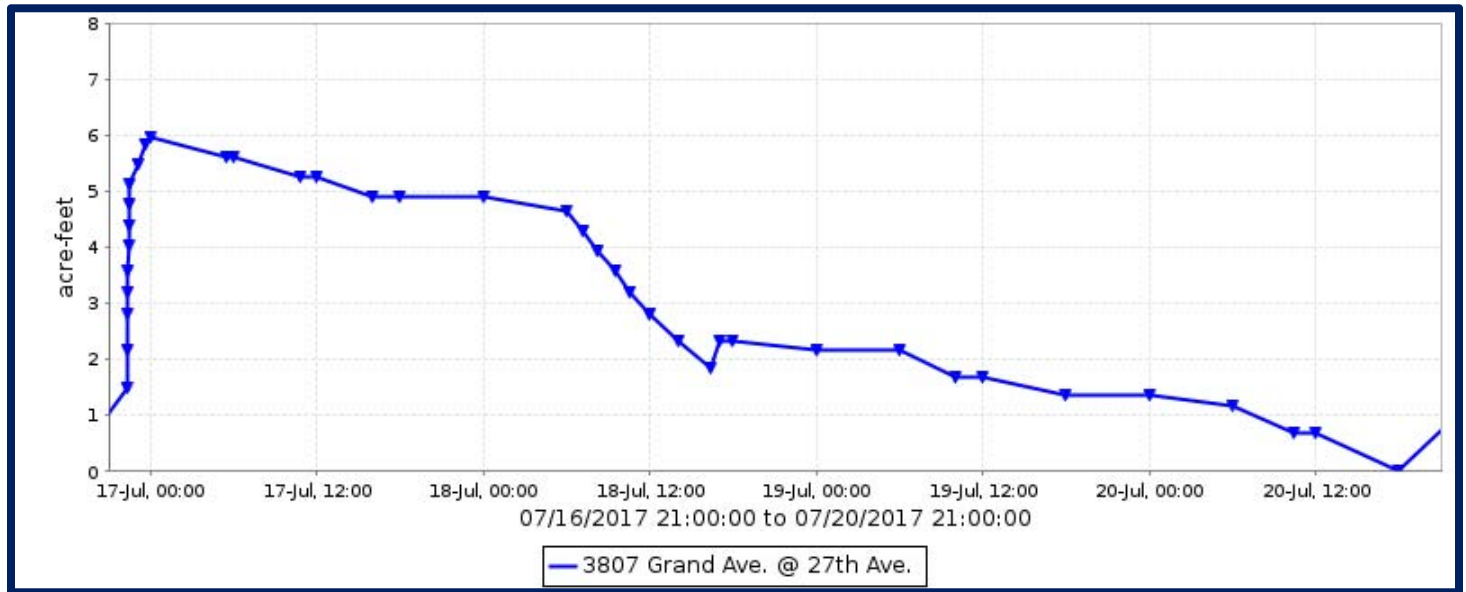
Verde Lane and 26th Avenue Basin - water year peaks



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
07/17/2017	1.93	6.0	16.0
07/20/2017	1.01	2.9	8.0
07/24/2017	1.56	4.7	12.8
07/29/2017	1.71	5.2	14.1
08/13/2017	1.56	4.7	12.8

Hydrograph of peak WY 2017 impoundment event, 07/17/2017



Grand Avenue at 27th Avenue Basin, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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											1	
14												
15												
16												
17										3		
18										2		
19												
20												
21										1		
22												
23												
24										1		
25												
26												
27												
28												
29					---					1		
30					---					1		
31		---			---		---		---			---
TOTAL	0	0	0	0	0	0	0	0	0	9	1	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	0	0	0	0	1	0	3	3	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	17	1	0
WTR YR 2017	TOTAL	10	MEAN	0	MAX	3	MIN	0	AC_FT	19		

Grand Avenue at 27th Avenue Basin, volume data

Volume, in acre-feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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											2	
14											1	
15												
16												
17										5		
18										3		
19										2		
20								1		1		
21										2		
22										1		
23												
24										2		
25										2		
26												
27												
28												
29					---					1		
30					---					3		
31		---			---		---		---	2		---
MEAN	0	0	0	0	0	0	0	0	0	1	0	0
MAX	0	0	0	0	0	0	0	3	0	6	5	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2017	MEAN		0	MAX	6	MIN	0					

Grand Avenue at 27th Avenue Basin, stage data

Depth, in feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.2	4.2	4.2	4.2	4.2	4.2	0.5	0.5	0.5	0.5	0.5	0.5
2	4.2	4.2	4.2	4.2	4.2	4.2	0.5	0.5	0.5	0.5	0.5	0.5
3	4.2	4.2	4.2	4.2	4.2	4.2	0.5	0.5	0.5	0.5	0.5	0.5
4	4.2	4.2	4.2	4.2	4.2	4.2	0.5	0.5	0.5	0.5	0.5	0.5
5	4.2	4.2	4.2	4.2	4.2	4.2	0.5	0.5	0.5	0.5	0.5	0.5
6	4.2	4.2	4.2	4.2	4.2	4.2	0.5	0.5	0.5	0.5	0.5	0.5
7	4.2	4.2	4.2	4.2	4.2	4.2	0.5	0.5	0.5	0.5	0.5	0.5
8	4.2	4.2	4.2	4.2	4.2	4.2	0.5	0.5	0.5	0.5	0.5	0.5
9	4.2	4.2	4.2	4.2	4.2	4.2	0.5	0.5	0.5	0.5	0.5	0.5
10	4.2	4.2	4.2	4.2	4.2	4.2	0.5	0.5	0.5	0.5	0.5	0.5
11	4.2	4.2	4.2	4.2	4.2	4.2	0.5	0.5	0.5	0.5	0.5	0.5
12	4.2	4.2	4.2	4.2	4.2	4.2	0.5	0.5	0.5	0.5	0.5	0.5
13	4.2	4.2	4.2	4.2	4.2	4.2	0.5	0.5	0.5	0.5	0.9	0.5
14	4.2	4.2	4.2	4.2	4.2	4.2	0.5	0.5	0.5	0.5	0.6	0.5
15	4.2	4.2	4.2	4.2	4.2	4.2	0.5	0.5	0.5	0.5	0.5	0.5
16	4.2	4.2	4.2	4.2	4.2	4.2	0.5	0.5	0.5	0.5	0.5	0.5
17	4.2	4.2	4.2	4.2	4.2	4.2	0.5	0.5	0.5	1.7	0.5	0.5
18	4.2	4.2	4.2	4.2	4.2	4.2	0.5	0.5	0.5	1.2	0.5	0.5
19	4.2	4.2	4.2	4.2	4.2	4.2	0.5	0.5	0.5	0.7	0.5	0.5
20	4.2	4.2	4.2	4.2	4.2	4.2	0.5	0.6	0.5	0.6	0.5	0.5
21	4.2	4.2	4.2	4.2	4.2	2.3	0.5	0.5	0.5	0.8	0.5	0.5
22	4.2	4.2	4.2	4.2	4.2	0.5	0.5	0.5	0.5	0.6	0.5	0.5
23	4.2	4.2	4.2	4.2	4.2	0.5	0.5	0.5	0.5	0.5	0.5	0.5
24	4.2	4.2	4.2	4.2	4.2	0.5	0.5	0.5	0.5	1.0	0.5	0.5
25	4.2	4.2	4.2	4.2	4.2	0.5	0.5	0.5	0.5	0.7	0.5	0.5
26	4.2	4.2	4.2	4.2	4.2	0.5	0.5	0.5	0.5	0.5	0.5	0.5
27	4.2	4.2	4.2	4.2	4.2	0.5	0.5	0.5	0.5	0.5	0.5	0.5
28	4.2	4.2	4.2	4.2	4.2	0.5	0.5	0.5	0.5	0.5	0.5	0.5
29	4.2	4.2	4.2	4.2	---	0.5	0.5	0.5	0.5	0.8	0.5	0.5
30	4.2	4.2	4.2	4.2	---	0.5	0.5	0.5	0.5	1.1	0.5	0.5
31	4.2	---	4.2	4.2	---	0.5	---	0.5	---	0.7	0.5	---
MEAN	4.2	4.2	4.2	4.2	4.2	2.9	0.4	0.5	0.5	0.6	0.5	0.5
MAX	4.2	4.2	4.2	4.2	4.2	4.2	0.5	0.9	0.5	1.9	1.6	0.5
MIN	4.2	4.2	4.2	4.2	4.2	0.5	0.5	0.5	0.5	0.5	0.5	0.5
WTR YR 2017	MEAN	2.23	MAX	4.20	MIN	0.45						

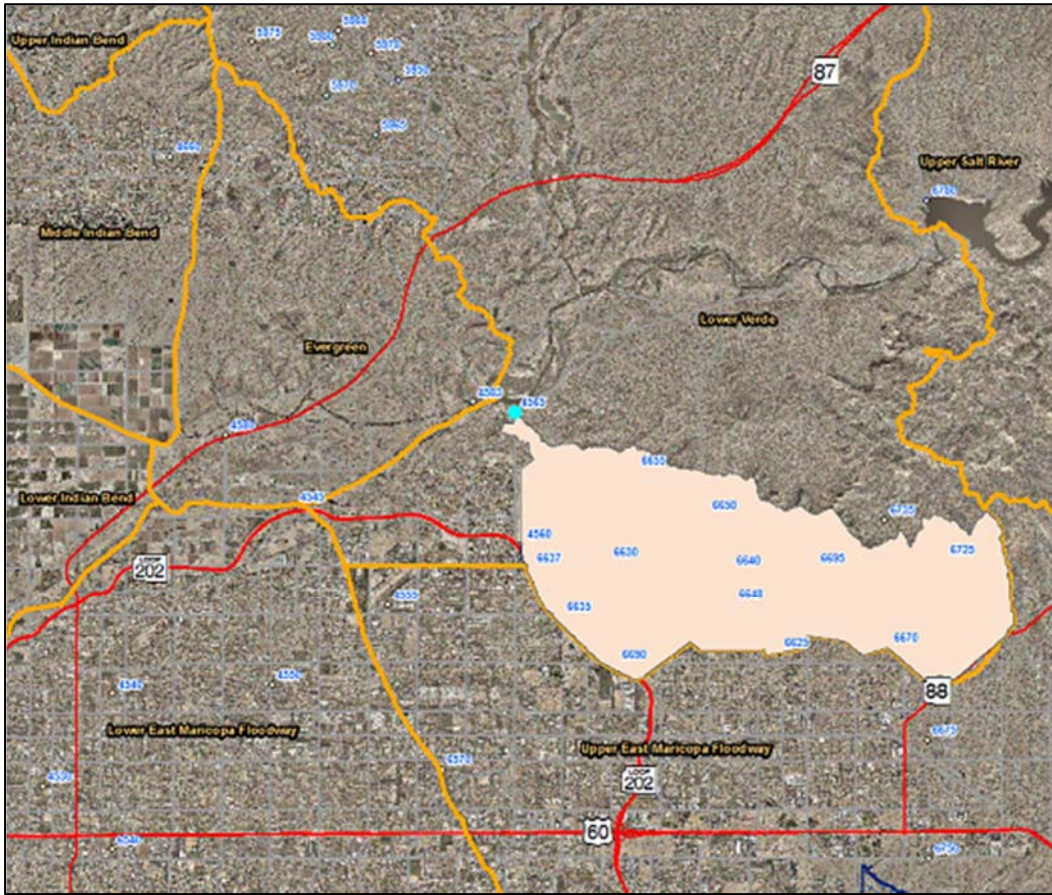
Granite Reef Diversion, ID #4568



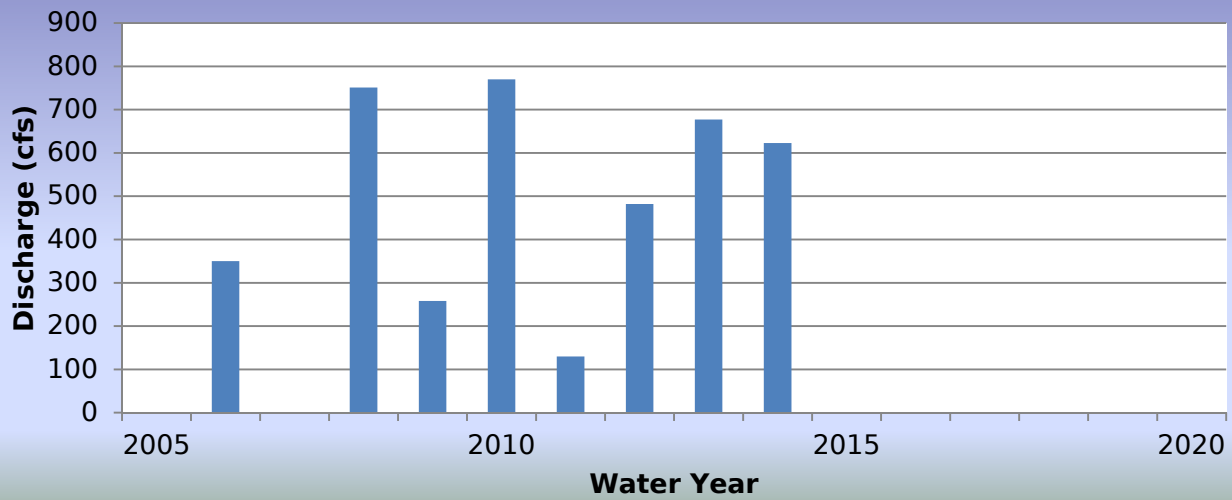
Site Data

LOCATION	Located along Bush Highway near Granite Reef Dam
DRAINAGE AREA	33.2 mi ²
STREAM TYPE	Engineered Channel
JURISDICTION	Maricopa County, Arizona
WATERSHED	Lower Verde
SECTION/TOWNSHIP/RANGE	S18 T2N R7E
LATITUDE	N 33° 30' 43.1" +33.51197
LONGITUDE	W 111° 41' 01.9" -111.68386
STREAMGAGE INSTALLATION DATE	07/21/2005 - WY 2005
AVAILABLE PERIOD OF RECORD (POR)	07/21/2005 - Current
LENGTH OF POR	12.20 Years 4,455 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.55 feet Gage Height
ZERO GAGE HEIGHT ELEVATION	0.0 feet Gage Height
POINT OF ZERO FLOW	-0.4 feet Gage Height
EXTREME FOR PERIOD OF RECORD	770 cfs 1.78 Feet 03/07/2010

Watershed Map



Granite Reef Diversion - water year peaks



WY2017 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
No recorded runoff		

Hydrograph of peak WY 2017 flow event,

There were no runoff events in water year 2017.

Flood Flow Frequency

There is not enough data to compute a flood flow frequency for this gage station.

Granite Reef Diversion, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values														
	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		---			---		---		---			---			
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 2017	TOTAL		0	MEAN		0	MAX		0	MIN		0	AC_FT		0

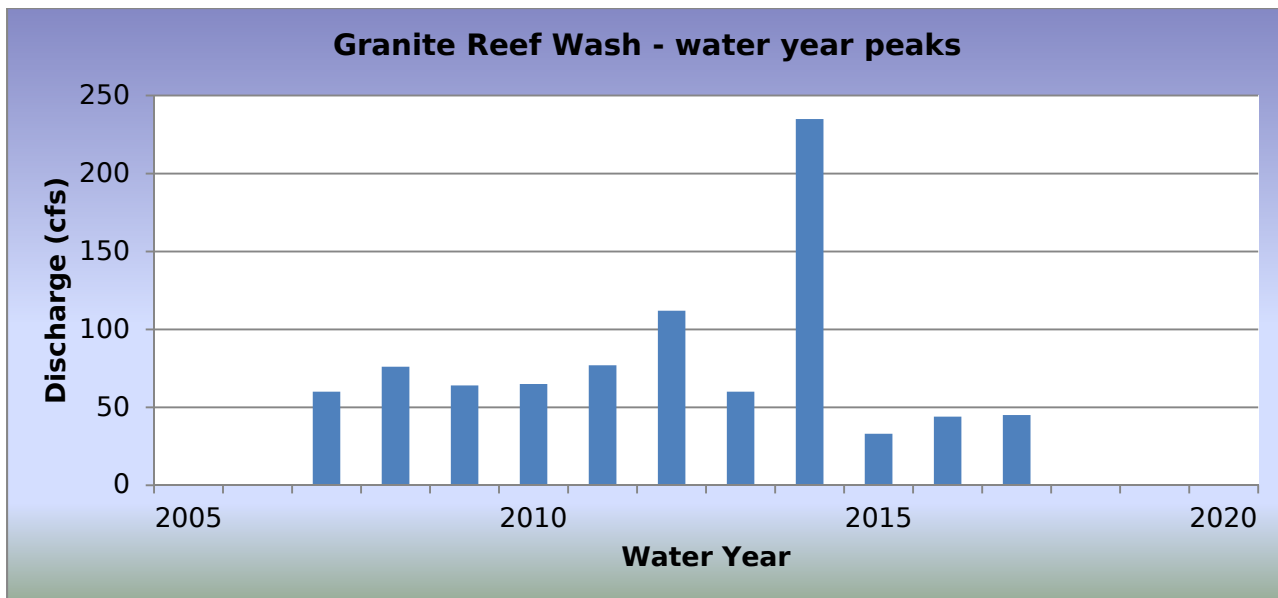
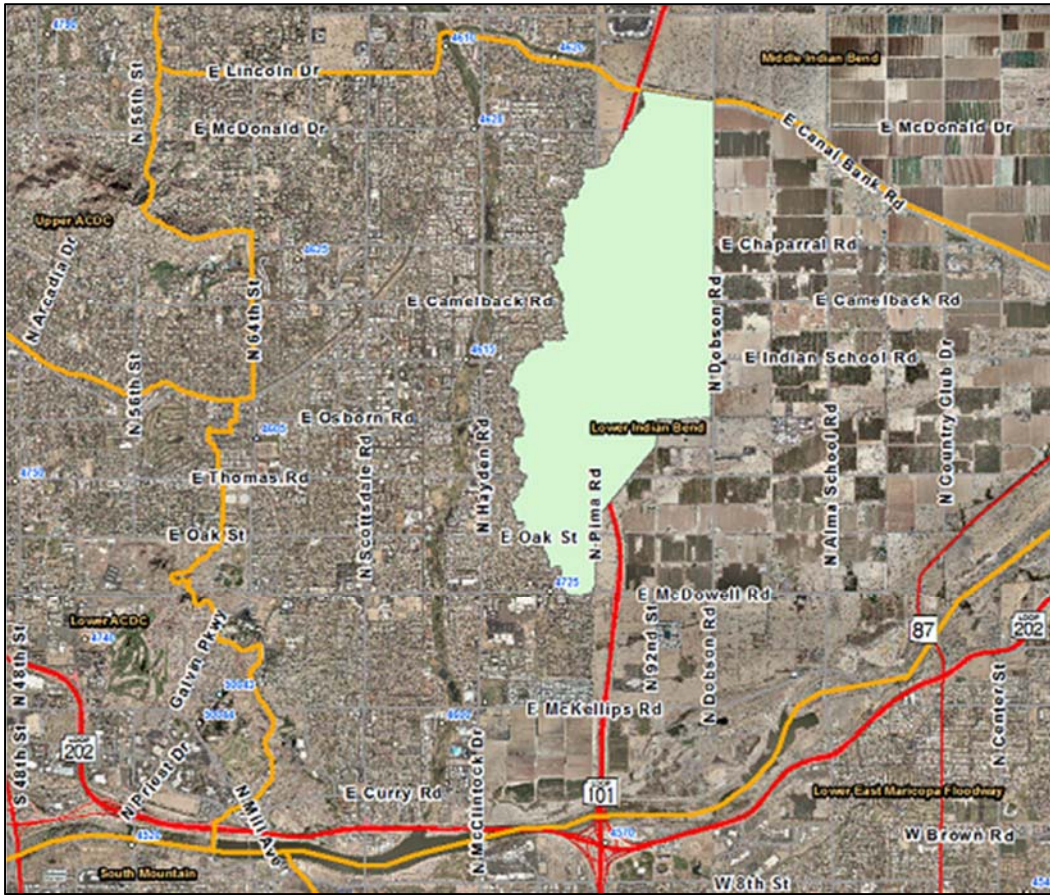
Granite Reef Wash, ID #4728



Site Data

LOCATION	On McDowell Road near Granite Reef Road
DRAINAGE AREA	7.2 mi ²
STREAM TYPE	1-Barrel Culvert
JURISDICTION	Scottsdale, Arizona
WATERSHED	Lower Indian Bend
SECTION/TOWNSHIP/RANGE	S36 T2N R4E
LATITUDE	N 33° 27' 57.6" +33.46599
LONGITUDE	W 111° 53' 54.9" -111.89857
STREAMGAGE INSTALLATION DATE	06/26/2007 - WY 2007
AVAILABLE PERIOD OF RECORD (POR)	06/26/2007 - Current
LENGTH OF AVAILABLE POR DATA DATA	10.27 Years 3,750 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	1.28 feet Gage Height
ZERO GAGE HEIGHT ELEVATION	1,202.72 feet NAVD88
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	235 cfs 7.76 feet 09/08/2014

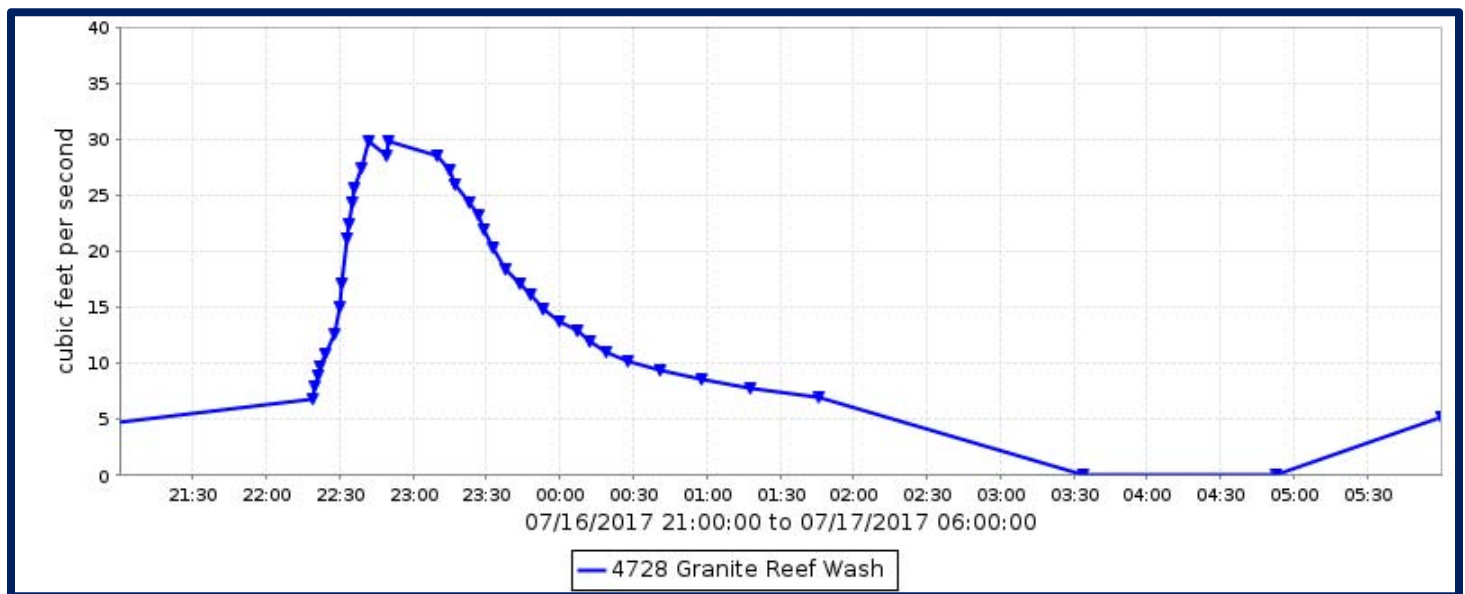
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
11/03/2016	2.20	17
11/27/2016	2.01	12
12/22/2016	2.61	27
12/22/2016	2.63	28
12/24/2016	1.98	12
01/01/2017	1.88	10
01/20/2017	3.20	23
02/18/2017	2.08	14
02/28/2017	2.03	13
07/16/2017	3.78	30
07/23/2017	3.68	28
07/24/2017	2.66	17
08/03/2017	3.20	23
08/23/2017	3.25	23

Hydrograph of peak WY 2017 flow event, 07/16/2017



Flood Flow Frequency

There is not enough data to compute a flood flow frequency for this gage station.

Granite Reef Wash, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values														
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP			
1				2											
2															
3		2									3				
4															
5															
6															
7															
8															
9			1												
10															
11															
12															
13															
14										2					
15										3					
16										3					
17										5					
18										4					
19										3					
20				3						3					
21				1						2					
22			5							4					
23										4	1				
24			2							3	1				
25			3							3					
26										3					
27		1								1					
28					3					3					
29					---										
30					---										
31		---			---		---		---			---			
TOTAL	0	3	11	6	11	0	0	0	0	44	4	0			
MEAN	0	0	0	0	0	0	0	0	0	1	0	0			
MAX	0	12	16	23	11	0	0	0	0	30	23	0			
MIN	0	0	0	0	0	0	0	0	0	0	0	0			
AC_FT	0	7	22	11	22	0	0	0	0	87	9	0			
WTR YR 2017	TOTAL		80	MEAN		0	MAX		30	MIN		0	AC_FT		158

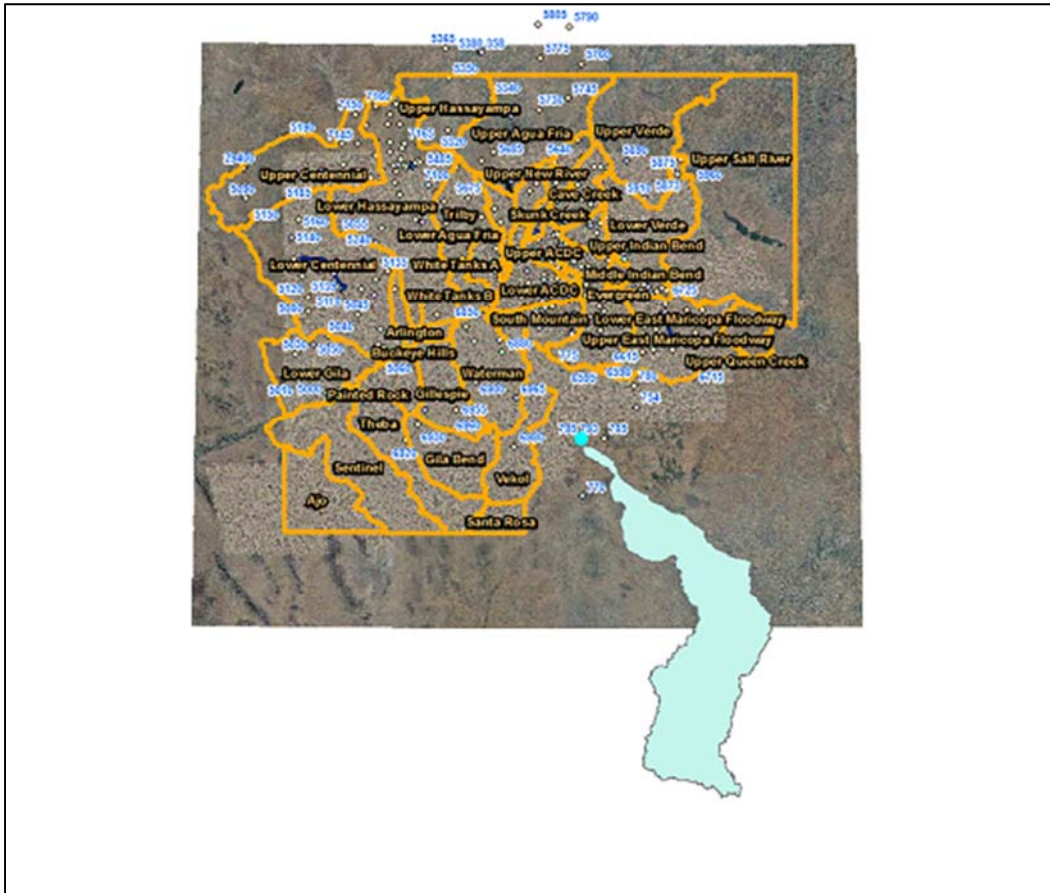
Greene Wash at SR84 – ID #0793



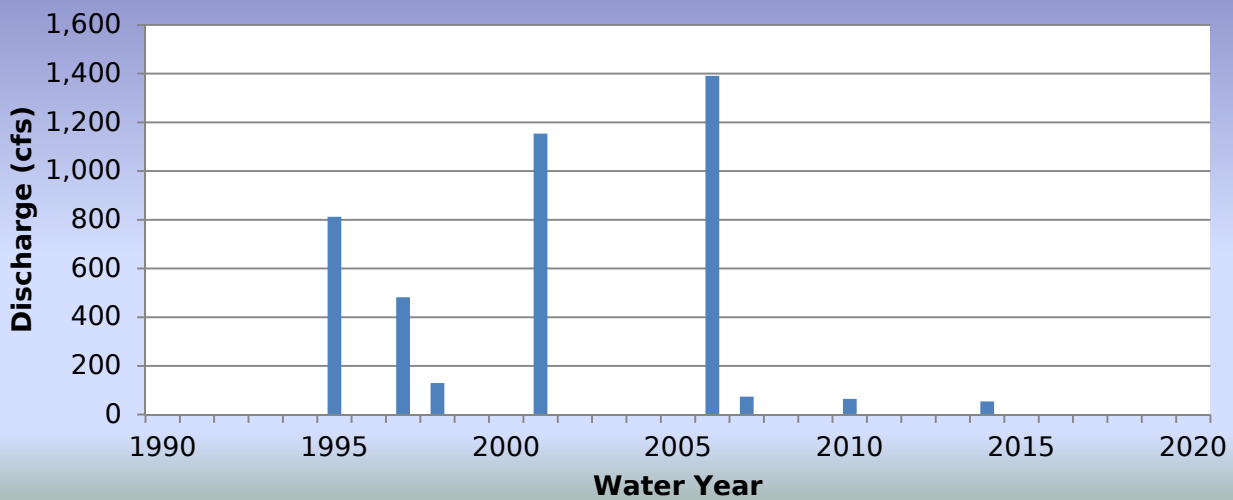
Site Data

LOCATION	On SR 84 between Stanfield and Casa Grande
DRAINAGE AREA	1,729 mi ²
STREAM TYPE	Channelized Natural Stream
JURISDICTION	Pinal County, Arizona
WATERSHED	Santa Rosa
SECTION/TOWNSHIP/RANGE	S21 T6S R4E
LATITUDE	N 32° 52' 46.1" +32.87948
LONGITUDE	W 111° 56' 01.3" -111.93369
STREAMGAGE INSTALLATION DATE	03/23/1994 - WY 1994
AVAILABLE PERIOD OF RECORD (POR)	03/23/1994 - Current
LENGTH OF AVAILABLE POR DATA	23.53 Years 8,593 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.10 feet Gage Height
STAFF GAGES	1
CREST STAGE GAGES	2
ZERO GAGE HEIGHT ELEVATION	1,295.256 feet NAVD88
EXTREME FOR PERIOD OF RECORD	1,391 cfs 3.67 feet GH 08/02/2006

Watershed Map



Greene Wash at SR84 - water year peaks



WY2017 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
No runoff recorded		

Hydrograph of peak WY 2017 flow event,

There were no runoff events in water year 2017.

Flood Flow Frequency

There is not enough data to compute a flood flow frequency for this gage station.

Greene Wash at SR84, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2		4										
3		17										
4		18										
5		16										
6		15										
7		18										
8		11										
9		12										
10		13									---	
11		18										
12		17										
13		17										
14		19										
15		18										
16		14										
17		19										
18		28										
19		20										
20		18										
21		19		---								
22		26		---								
23		27										
24		25										
25		21										
26		22										
27		20										
28		29										
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	503	0	0	0	0	0	0	0	0	0	0
MEAN	0	17	0	0	0	0	0	0	0	0	0	0
MAX	0	42	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	999	0	0	0	0	0	0	0	0	0	0
WTR YR 2017	TOTAL	503	MEAN	1	MAX	42	MIN	0	AC_FT	999		

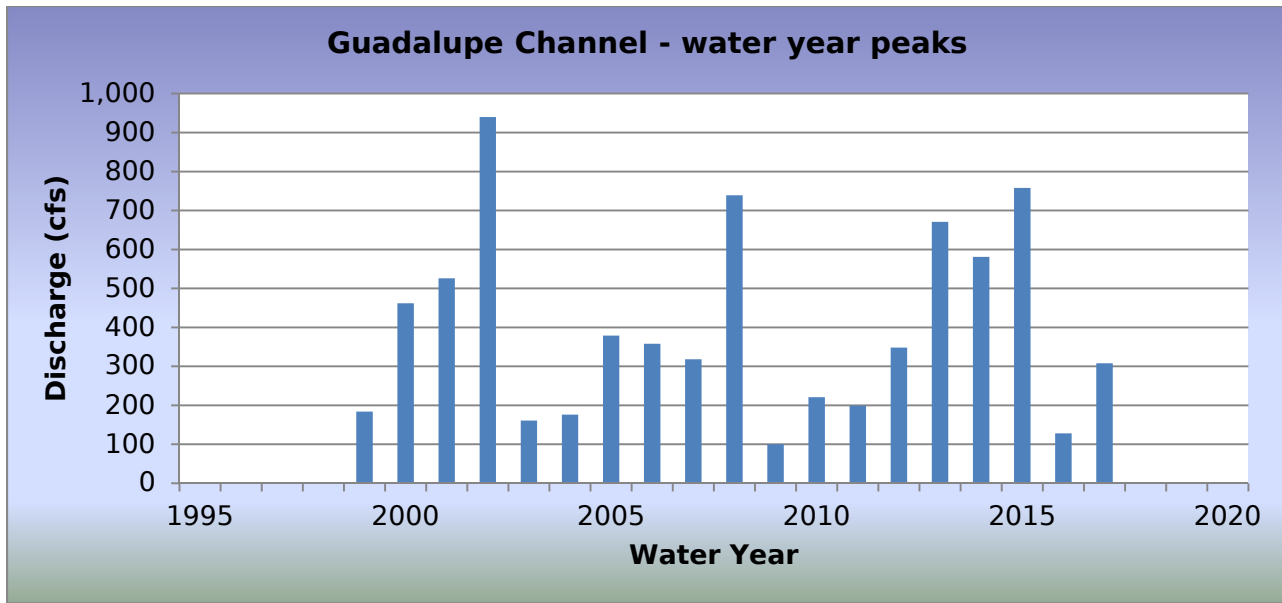
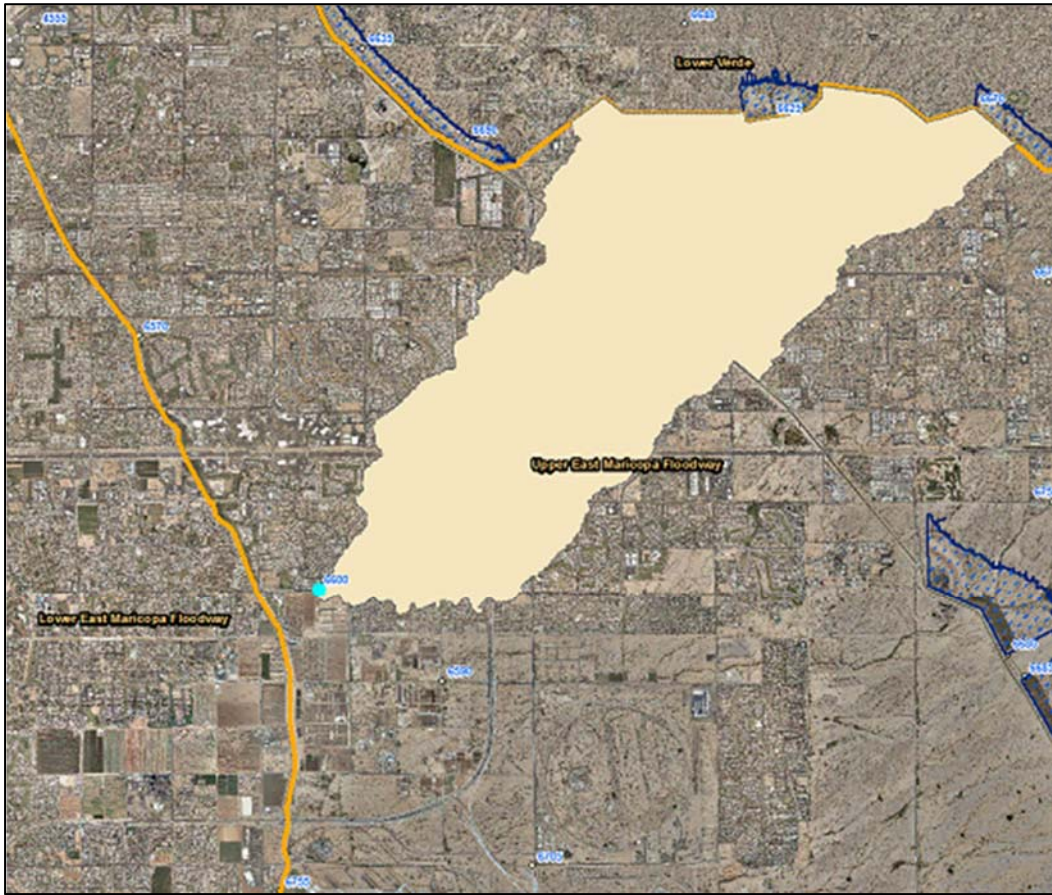
Guadalupe Road Channel, ID #6603



Site Data

LOCATION	On Guadalupe Road between Power and Sossaman Roads
DRAINAGE AREA	18.6 mi ²
STREAM TYPE	Engineered Channel
JURISDICTION	Mesa, Arizona
WATERSHED	Upper East Maricopa Floodway
SECTION/TOWNSHIP/RANGE	S06 T1S R7E
LATITUDE	N 33° 21' 54.8" +33.36523
LONGITUDE	W 111° 40' 34.4" -111.67621
STREAMGAGE INSTALLATION DATE	08/07/1998 - WY 1998
AVAILABLE PERIOD OF RECORD (POR)	08/07/1998 - Current
LENGTH OF AVAILABLE POR DATA	19.15 Years 6,995 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.50 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	1,344.20 feet M.S.L.
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	940 cfs 2.88 feet 07/23/2002

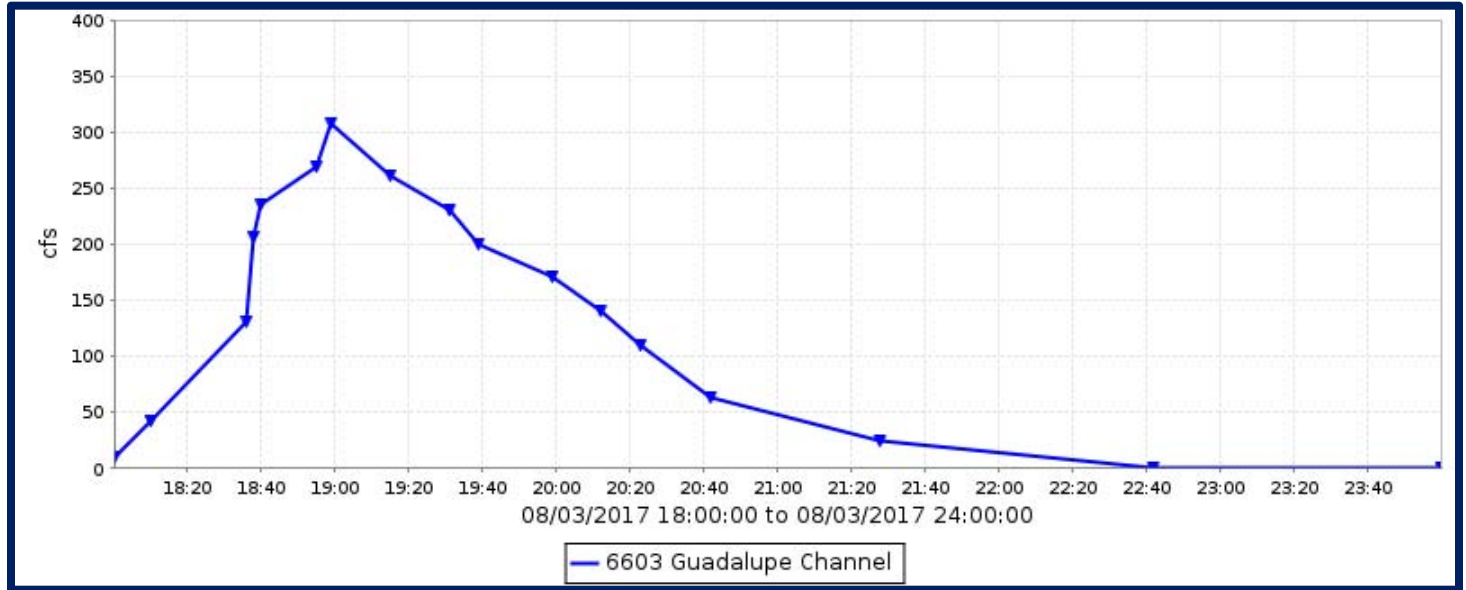
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
07/24/2017	1.28	244
08/03/2017	1.45	308

Hydrograph of peak WY 2017 flow event, 08/03/2017



Flood Flow Frequency

Flood Flow Frequency N=20, HEC-WRC computation (based on 20 years of data)					
2-year	5-year	10-year	20-year	50-year	100-year
320	554	732	918	1,180	1,390

NOTE(1): These results are based on very limited data.

Guadalupe Road Channel, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3											22	
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24										39		
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	0	0	0	0	0	0	39	22	0
MEAN	0	0	0	0	0	0	0	0	0	1	1	0
MAX	0	0	0	0	0	0	0	0	0	244	308	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	76	44	0
WTR YR 2017	TOTAL		61	MEAN	0	MAX	308	MIN	0	AC_FT	120	

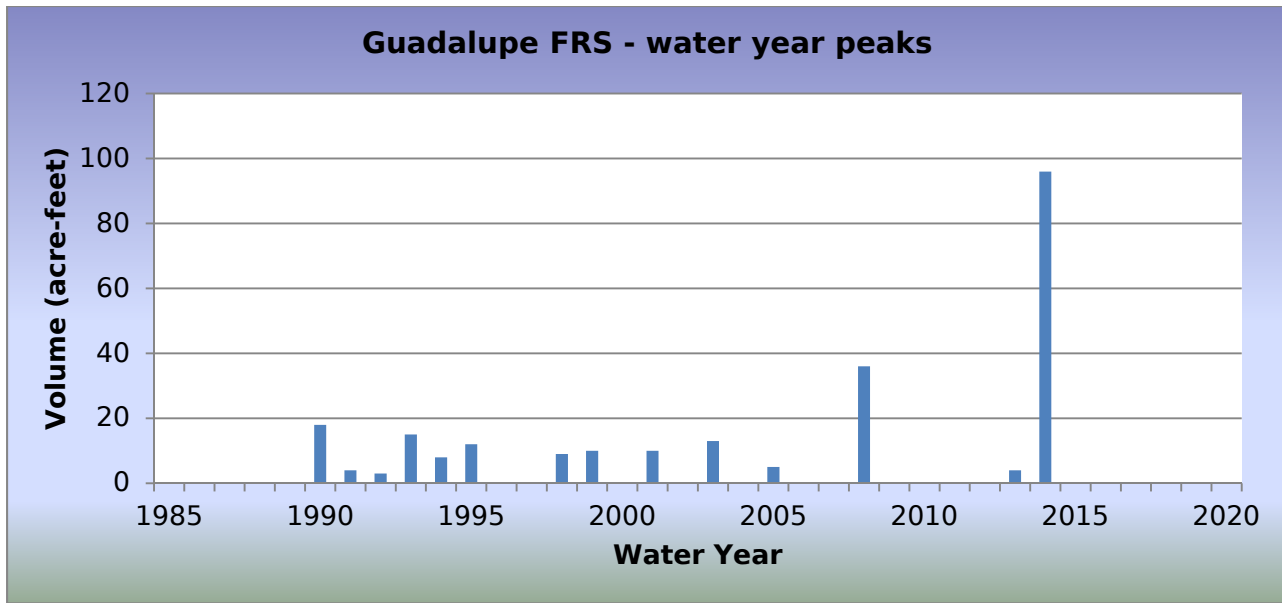
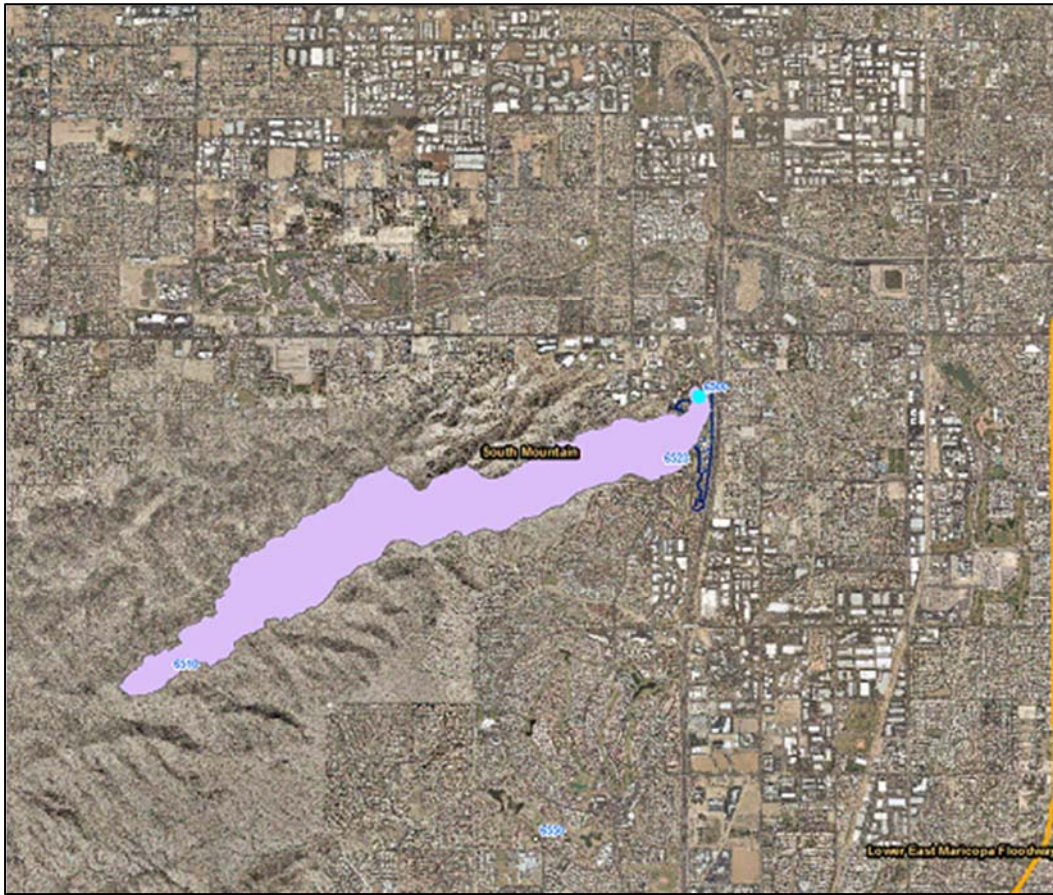
Guadalupe FRS, ID #6503



Site Data

LOCATION	Located west of I-10 and south of Baseline Road
DRAINAGE AREA	1.87 mi ²
STREAM TYPE	Dam of natural drainage
JURISDICTION	Phoenix, Arizona
WATERSHED	South Mountain
SECTION/TOWNSHIP/RANGE	S05 T1S R4E
LATITUDE	N 33° 22' 19.0" +33.37194
LONGITUDE	W 111° 58' 13.7" -111.97047
STREAMGAGE INSTALLATION DATE	06/29/1989 - WY 1989
AVAILABLE PERIOD OF RECORD (POR)	06/29/1989 - Current
LENGTH OF AVAILABLE POR DATA	28.26 Years 10,321 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.26 feet Gage Height
STAFF GAGES	1
ZERO GAGE HEIGHT ELEVATION	1,251.38 feet NAVD88
PZF (CONTROLLED OUTLET)	0.64 feet Gage Height
PZF (UNCONTROLLED OUTLET)	9.64 feet Gage Height
SPILLWAY ELEVATION	24.64 feet Gage Height
TOP OF DAM ELEVATION	32.14 feet Gage Height

Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
No impoundment			

Hydrograph of peak WY 2017 impoundment event

There were no recorded impoundments during Water Year 2017.

Guadalupe FRS, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values														
	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		---			---		---		---			---			
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 2017	TOTAL		0	MEAN		0	MAX		0	MIN		0	AC_FT		0

Guadalupe FRS, volume data

Volume, in acre-feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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	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 2017	MEAN		0	MAX	0	MIN	0					

Guadalupe FRS, stage data

Depth, in feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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	0.3	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	0.3
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	0.3	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 2017	MEAN	0.26	MAX	0.26	MIN	0.26						

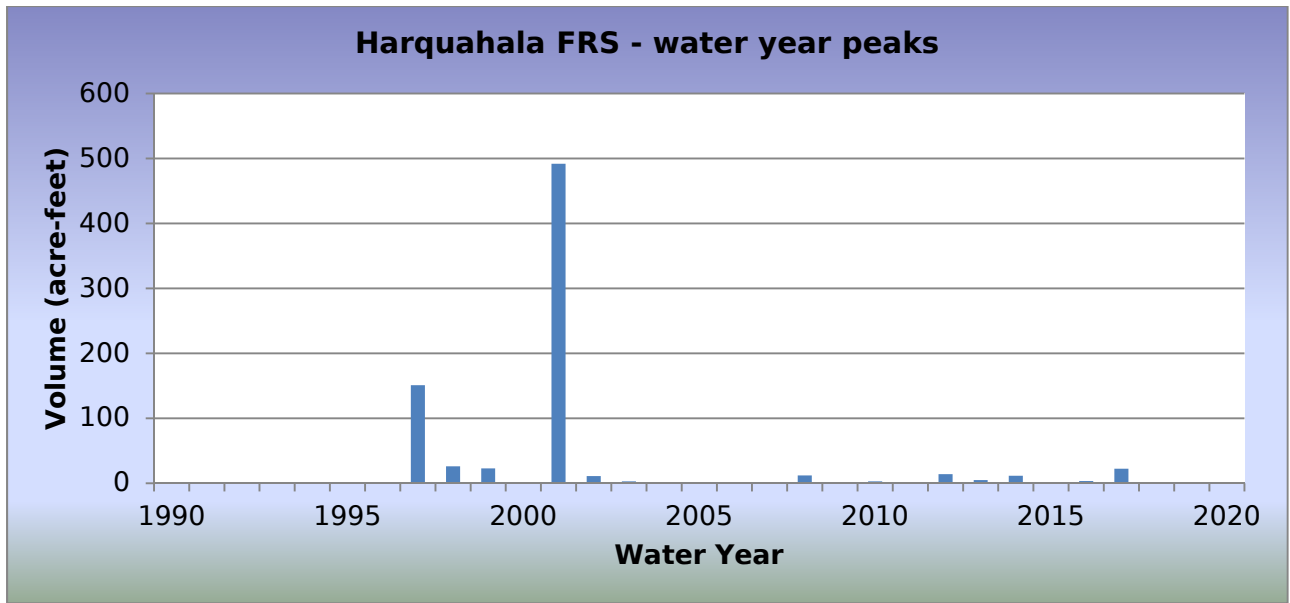
Harquahala FRS, ID #5128



Site Data

LOCATION	Located northeast of I-10 and Salome Highway interchange
DRAINAGE AREA	102.3 mi ²
STREAM TYPE	Dam of natural drainage
JURISDICTION	Maricopa County, Arizona
WATERSHED	Lower Centennial
SECTION/TOWNSHIP/RANGE	S05 T2N R8W
LATITUDE	N 33° 32' 55.3" +33.54868
LONGITUDE	W 113° 05' 51.8" -113.09772
STREAMGAGE INSTALLATION DATE	03/01/1994 - WY 1994
AVAILABLE PERIOD OF RECORD (POR)	03/01/1994 - Current
LENGTH OF AVAILABLE POR DATA	23.59 Years 8,615 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.38 feet Gage Height
STAFF GAGES	7
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,374.89 feet NAVD 1988
POINT OF ZERO FLOW (CONTROLLED)	0.57 feet Gage Height
POINT OF ZERO FLOW (UNCONTROLLED)	14.50 feet Gage Height
SPILLWAY ELEVATION	35.7 feet Gage Height
TOP OF DAM ELEVATION	46.7 feet Gage Height

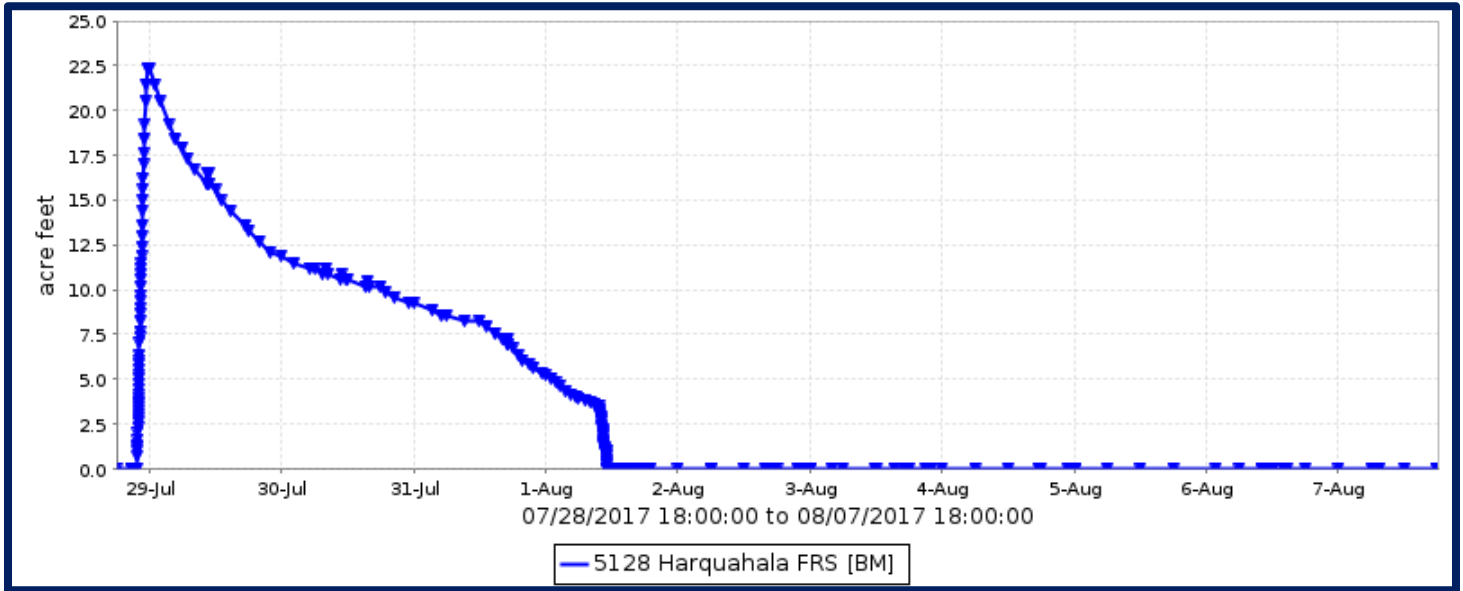
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
07/28/2017	13.67	22.3	0.3

Hydrograph of peak WY 2017 impoundment event, 07/28/2017



Harquahala FRS, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values														
	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		---			---		---		---			---			
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 2017	TOTAL		0	MEAN		0	MAX		0	MIN		0	AC_FT		0

Harquahala FRS, volume data

Volume, in acre-feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1											2	
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										1		
29					---					16		
30					---					11		
31		---			---		---		---	8		---
MEAN	0	0	0	0	0	0	0	0	0	1	0	0
MAX	0	0	0	0	0	0	0	0	0	22	5	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2017	MEAN		0	MAX	22	MIN	0					

Harquahala FRS, stage data

Depth, in feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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	5.2	0.4
2	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	2.3	0.4
3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	2.0	0.4
4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	1.6	0.4
5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	1.4	0.4
6	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	1.3	0.4
7	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	1.2	0.4
8	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	1.1	0.4
9	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	1.1	0.4
10	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	1.0	0.4
11	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	1.0	0.4
12	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.9	0.4
13	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.8	0.4
14	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.8	0.4
15	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.7	0.4
16	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.6	0.4
17	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
18	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
19	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
20	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
21	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
22	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
23	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
24	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
25	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
26	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
27	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
28	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	1.5	0.4	0.4
29	0.4	0.4	0.4	0.4	---	0.4	0.4	0.4	0.4	12.8	0.4	0.4
30	0.4	0.4	0.4	0.4	---	0.4	0.4	0.4	0.4	11.7	0.4	0.4
31	0.4	---	0.4	0.4	---	0.4	---	0.4	---	10.8	0.4	---
MEAN	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	1.5	0.9	0.4
MAX	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	13.7	9.7	0.4
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 2017	MEAN	0.52	MAX	13.67	MIN	0.38						

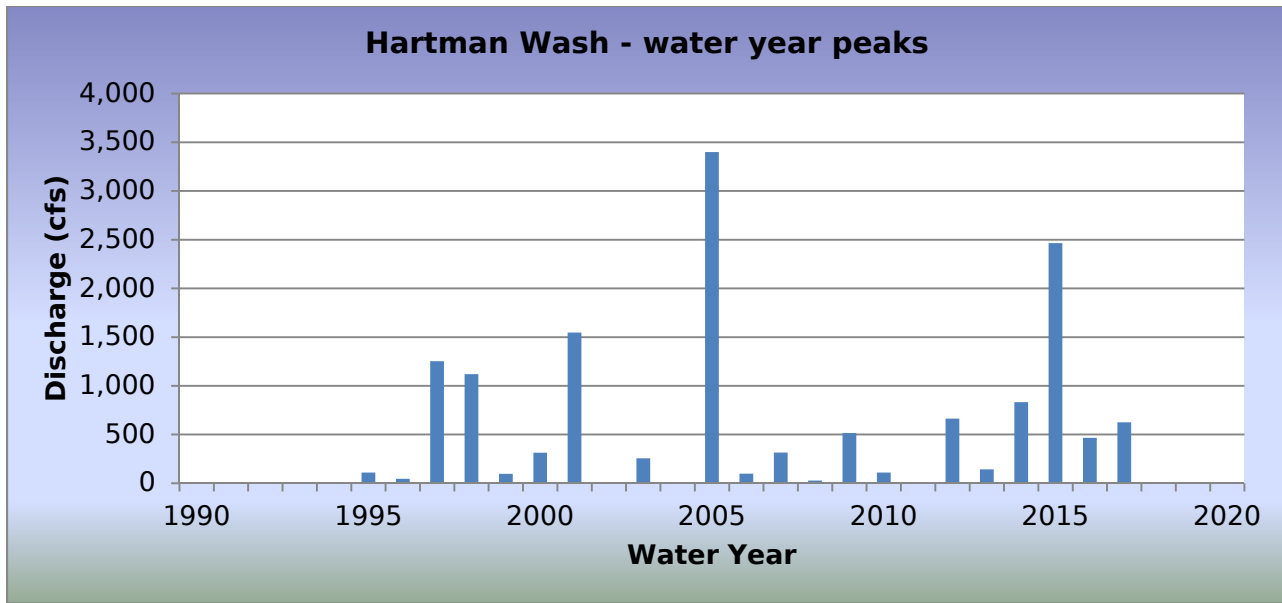
Hartman Wash, ID #7063



Site Data

LOCATION	About 3 miles west of Vulture Mine Road on US 60
DRAINAGE AREA	5.4 mi ²
STREAM TYPE	Natural Stream
JURISDICTION	Wickenburg, Arizona
WATERSHED	Lower Hassayampa
SECTION/TOWNSHIP/RANGE	S15 T7N R6W
LATITUDE	N 33° 57' 46.0" +33.96277
LONGITUDE	W 112° 49' 40.7" -112.82798
STREAMGAGE INSTALLATION DATE	07/06/1994 - WY 1994
AVAILABLE PERIOD OF RECORD	07/06/1994 - Current
LENGTH OF AVAILABLE POR DATA	23.24 Years 8,488 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.05 feet Gage Height
STAFF GAGES	1
CREST STAGE GAGES	3
ZERO GAGE HEIGHT ELEVATION	2,459.61 feet NAVD 1988
POINT OF ZERO FLOW	-0.1 feet Gage Height
EXTREME FOR PERIOD OF RECORD	3,400 cfs 7.94 feet 07/30/2005

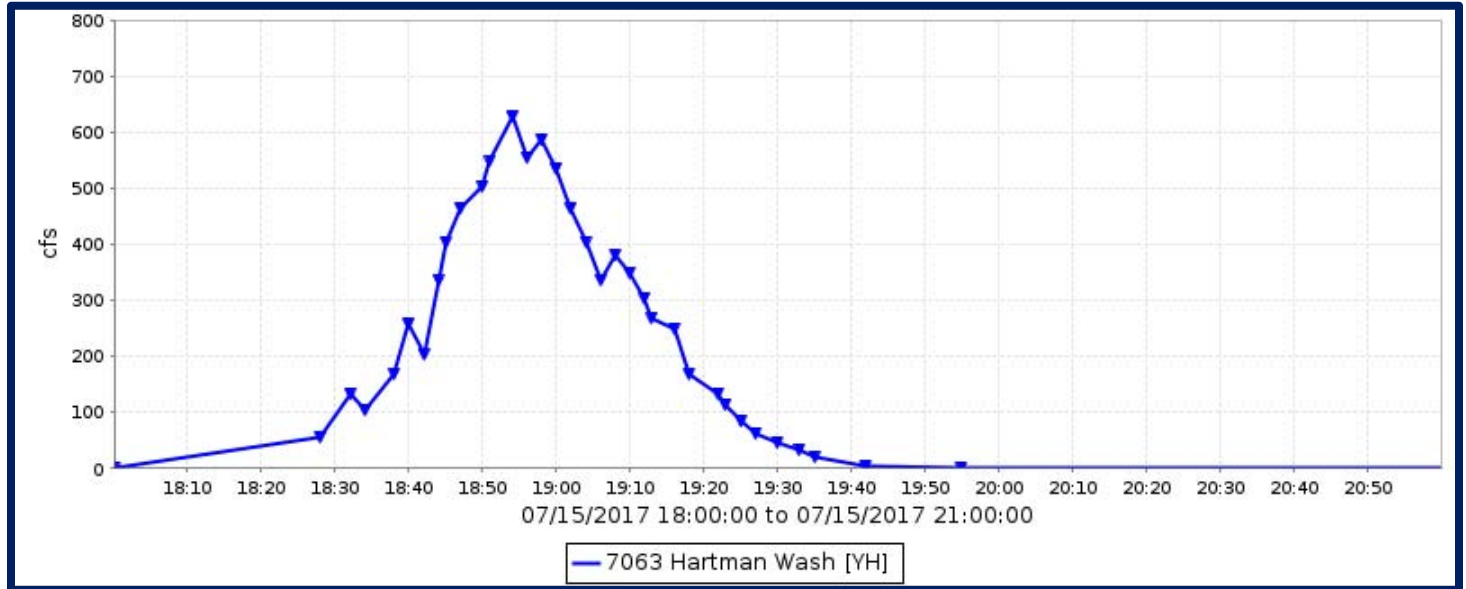
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
07/15/2017	2.71	626
08/10/2017	2.06	404

Hydrograph of peak WY 2017 flow event, 07/15/2017



Flood Flow Frequency

Flood Flow Frequency N=44, HEC-WRC computation (based on 44 years of data)					
2-year	5-year	10-year	20-year	50-year	100-year
256	1,060	2,030	3,280	5,370	7,250

NOTE: These results are based on limited data.

Hartman Wash, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values												
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1													
2				---									
3													
4													
5													
6													
7													
8													
9													
10											10		
11													
12													
13													
14													
15										13			
16													
17													
18													
19													
20													
21													
22													
23													
24													
25													
26													
27													
28													
29					---								
30					---								
31		---			---		---		---			---	
TOTAL	0	0	0	0	0	3	0	0	0	13	10	0	
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	
MAX	0	0	0	0	0	1	0	0	0	626	404	0	
MIN	0	0	0	0	0	0	0	0	0	0	0	0	
AC_FT	0	0	0	0	0	6	0	0	0	26	20	0	
WTR YR 2017	TOTAL		26	MEAN		0	MAX	626	MIN		0	AC_FT	52

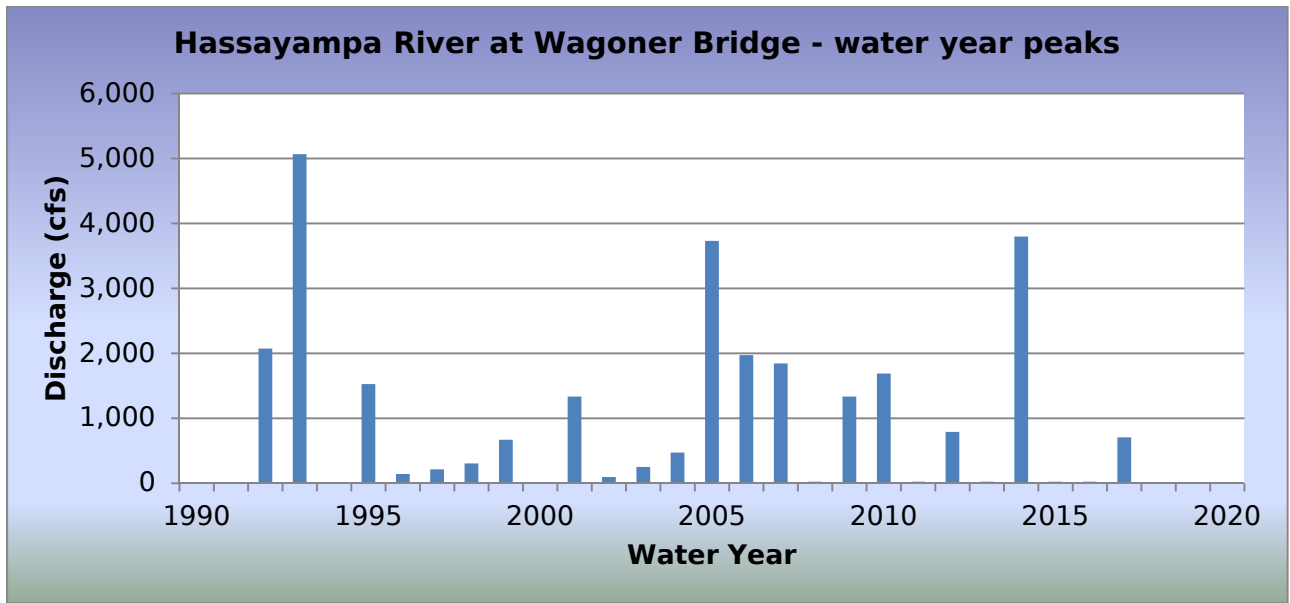
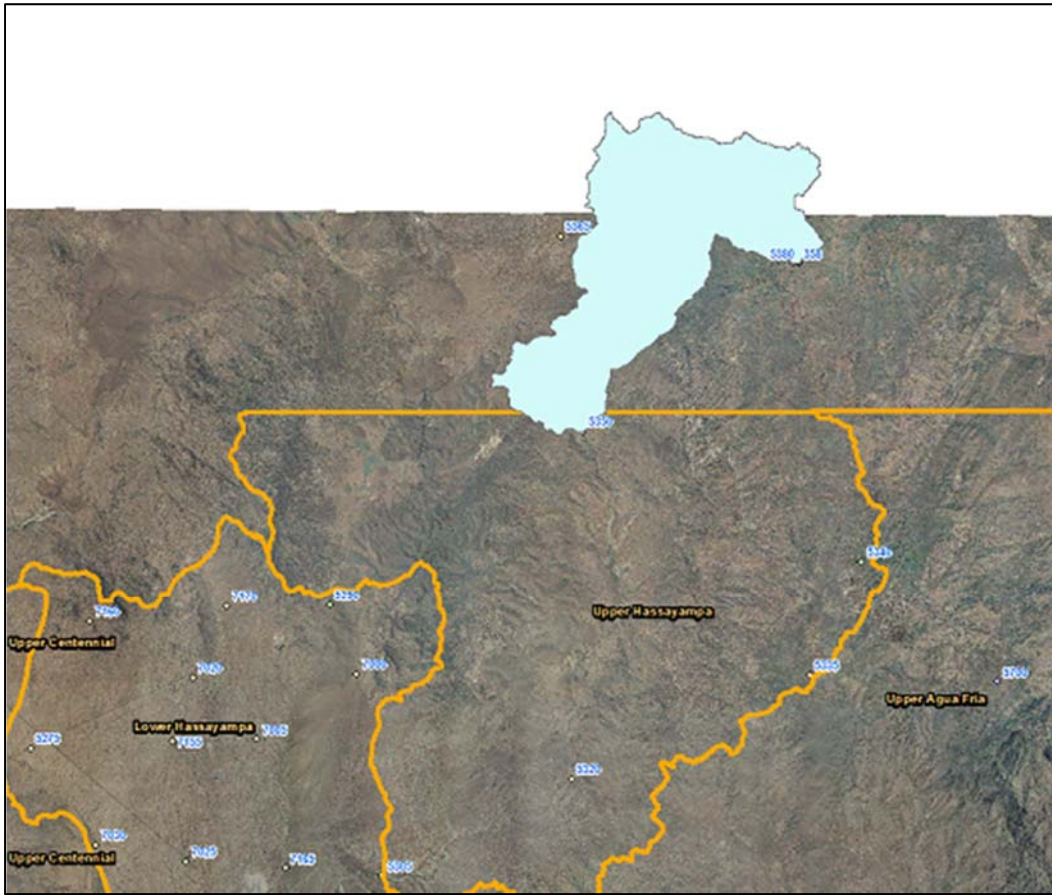
Hassayampa River at Wagoner, ID #5352



Site Data

LOCATION	Located on the Wagoner Road bridge crossing of the Hassayampa River
DRAINAGE AREA	78 mi ²
STREAM TYPE	Natural Stream
JURISDICTION	Yavapai County, Arizona
WATERSHED	Upper Hassayampa
SECTION/TOWNSHIP/RANGE	S09 T11N R3W
LATITUDE	N 34° 18' 36.5" +34.31016
LONGITUDE	W 112° 34' 07.6" -112.56879
STREAMGAGE INSTALLATION DATE	12/19/1983 - WY 1984
AVAILABLE PERIOD OF RECORD (POR)	11/27/1991 - Current
LENGTH OF AVAILABLE POR DATA	25.85 Years 9.440 Days
DATA GAPS IN POR	09/25/2007 - 05/28/2008
STAGE GAGE ELEVATION	2.18 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	3,741.05 feet NAVD 1988
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	5,068 cfs 5.00 feet 01/08/1993

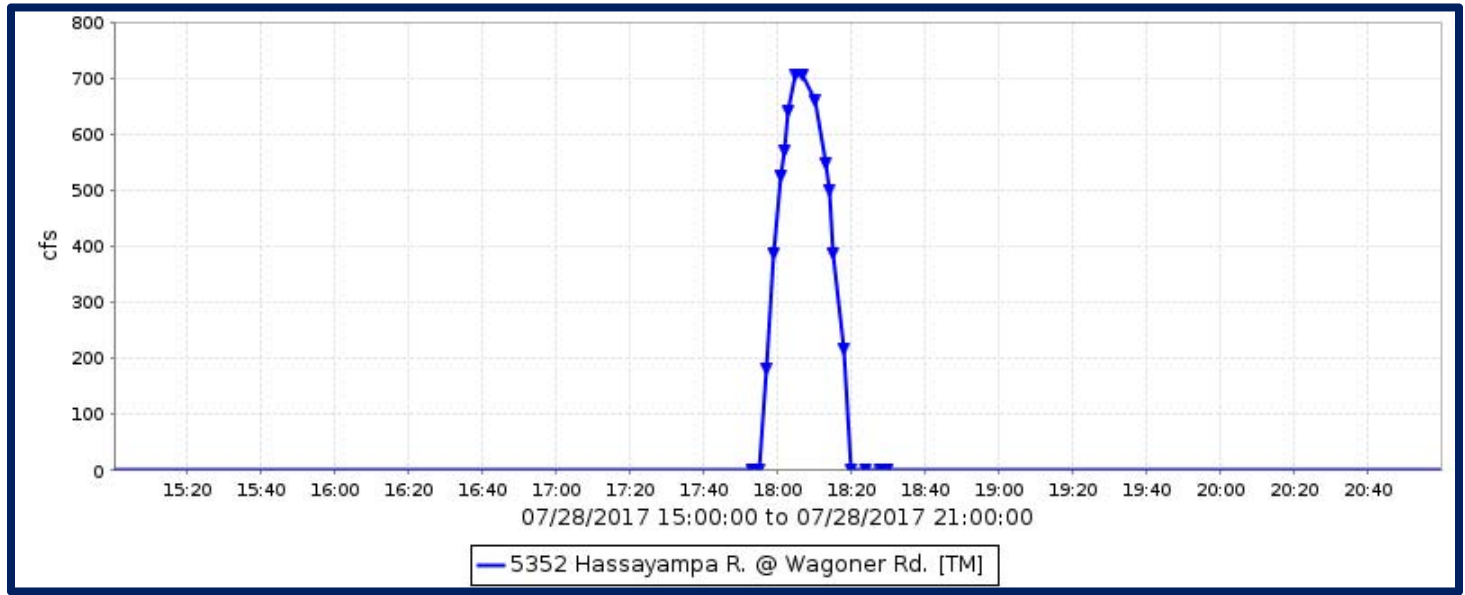
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
07/28/2017	3.50	706

Hydrograph of peak WY 2017 flow event, 07/28/2017



Flood Flow Frequency

Flood Flow Frequency N=26, HEC-WRC computation (based on 26 years of data)					
2-year	5-year	10-year	20-year	50-year	100-year
416	1,830	3,740	6,580	12,100	17,700

NOTE: These results are based on limited data.

Hassayampa River at Wagoner, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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										8		
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	0	0	0	0	0	0	8	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	706	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	16	0	0
WTR YR 2017	TOTAL		8	MEAN	0	MAX	706	MIN	0	AC_FT		16

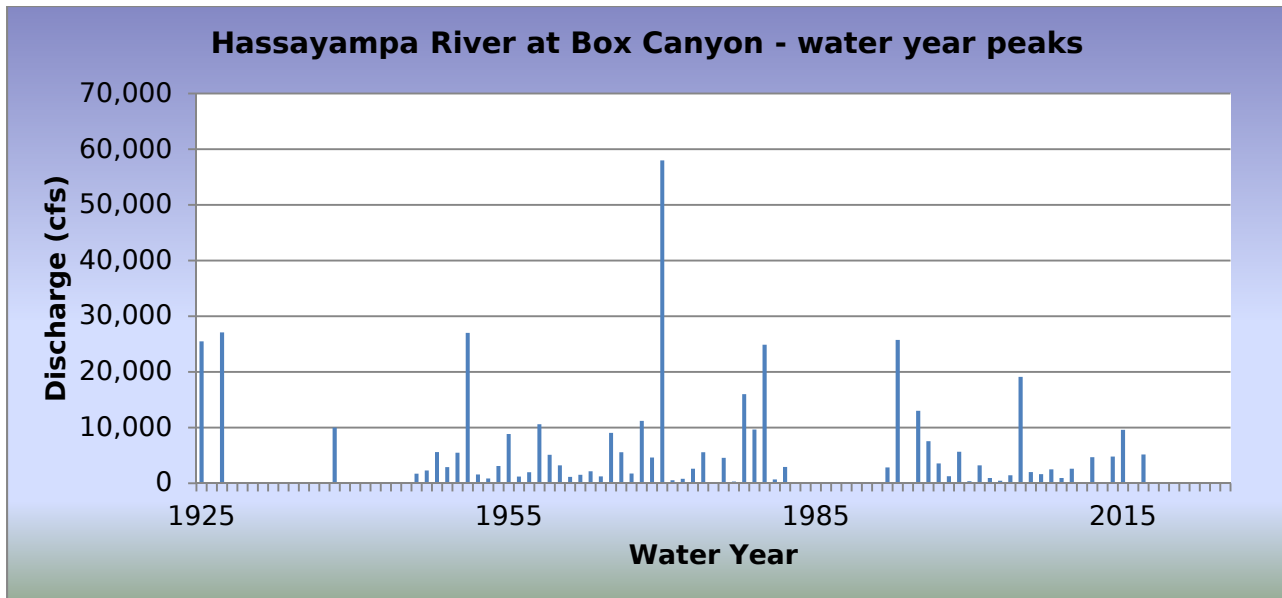
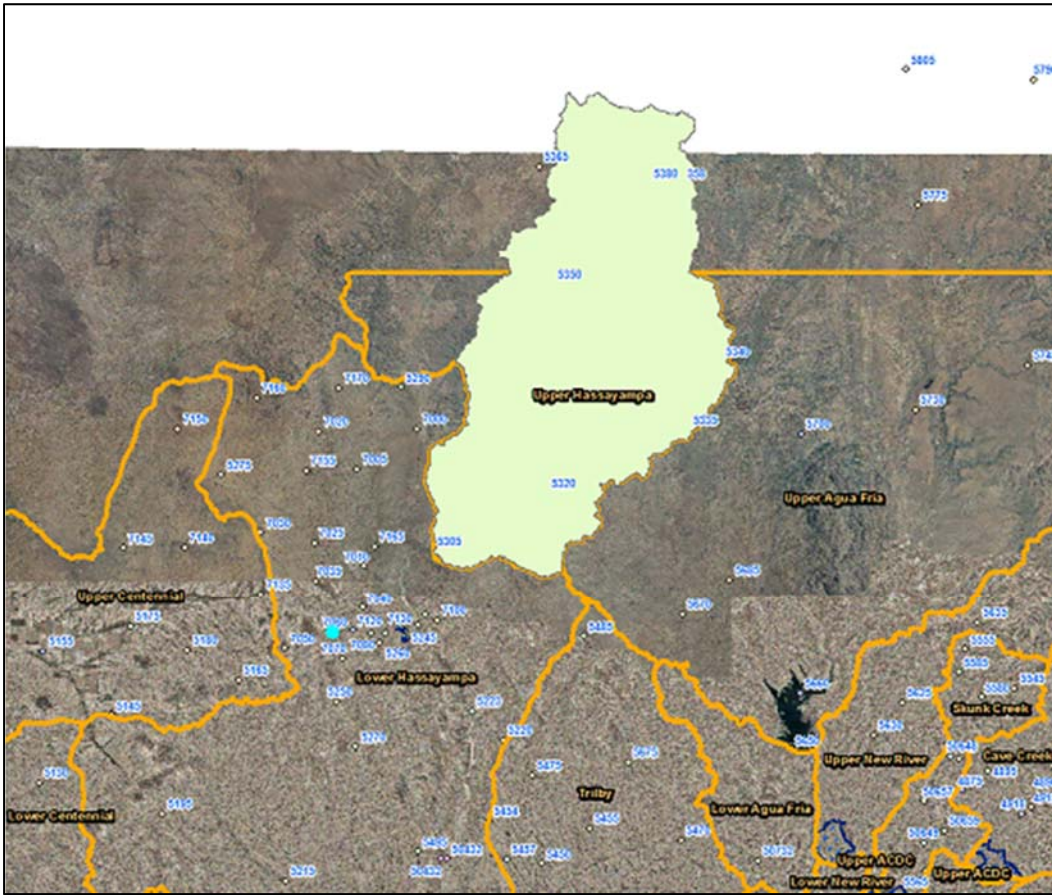
Hassayampa River at Box Canyon, ID #5308



Site Data

LOCATION	Northeast of Wickenburg
DRAINAGE AREA	417 mi ²
STREAM TYPE	Natural Stream
JURISDICTION	Yavapai County, Arizona
WATERSHED	Lower Hassayampa
SECTION/TOWNSHIP/RANGE	S07 T8N R4W
LATITUDE	N 34° 02' 42.3" +34.04508
LONGITUDE	W 112° 42' 36.5" -112.71013
STREAMGAGE INSTALLATION DATE	11/17/1983 - WY 1984
AVAILABLE PERIOD OF RECORD (POR)	10/16/1991 - Current
LENGTH OF AVAILABLE POR DATA	25.96 Years 9,482 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	3.15 feet Gage Height
STAFF GAGES	1
CREST STAGE GAGES	2
ZERO GAGE HEIGHT ELEVATION	2,236.13 feet M.S.L.
POINT OF ZERO FLOW	2.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	26,000 cfs 18.90 feet 01/21/2010
EXTREME OUTSIDE PERIOD OF RECORD	58,000 cfs 34.6 feet 09/05/1970

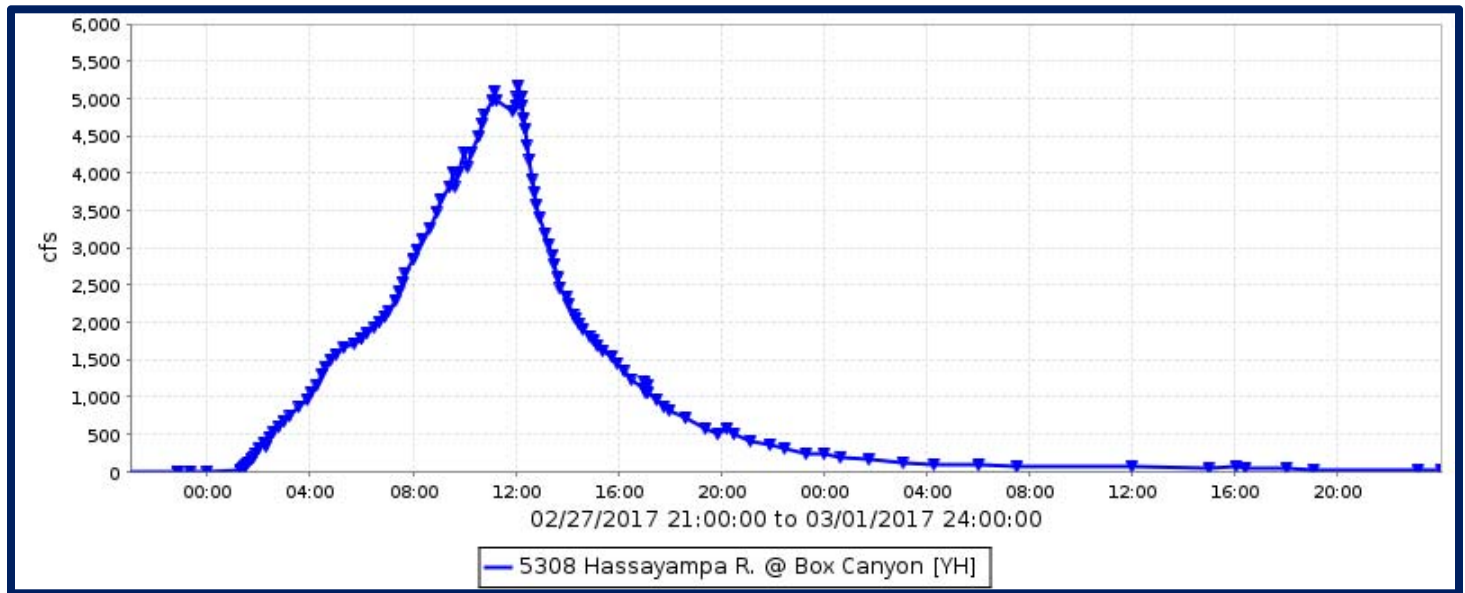
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
01/21/2017	7.26	2,594
02/19/2017	4.23	219
02/28/2017	8.92	5,161

Hydrograph of peak WY 2017 flow event, 02/28/2017



Flood Flow Frequency

Flood Flow Frequency N=67, HEC-WRC computation (based on 67 years of data)					
2-year	5-year	10-year	20-year	50-year	100-year
3,280	10,300	17,900	27,800	44,600	60,500

NOTE: These results are based on available data.

Hassayampa River at Box Canyon, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1						78						
2				---		36						
3						53						
4						77						
5						77						
6						63						
7						46						
8						38						
9						32						
10						26						
11						23						
12						20						
13						12						
14						7						
15						4						
16						3						
17						1						
18												
19					131	1						
20					101	1						
21				467	46	1						
22					30							
23					19							
24				1	8							
25					4							
26					2							
27												
28					1704							
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	469	2046	597	0	0	0	0	0	0
MEAN	0	0	0	17	73	19	0	0	0	0	0	0
MAX	0	0	0	2594	5161	198	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	930	4058	1184	0	0	0	0	0	0
WTR YR 2017	TOTAL	3111	MEAN	9	MAX	5161	MIN	0	AC_FT	6171		

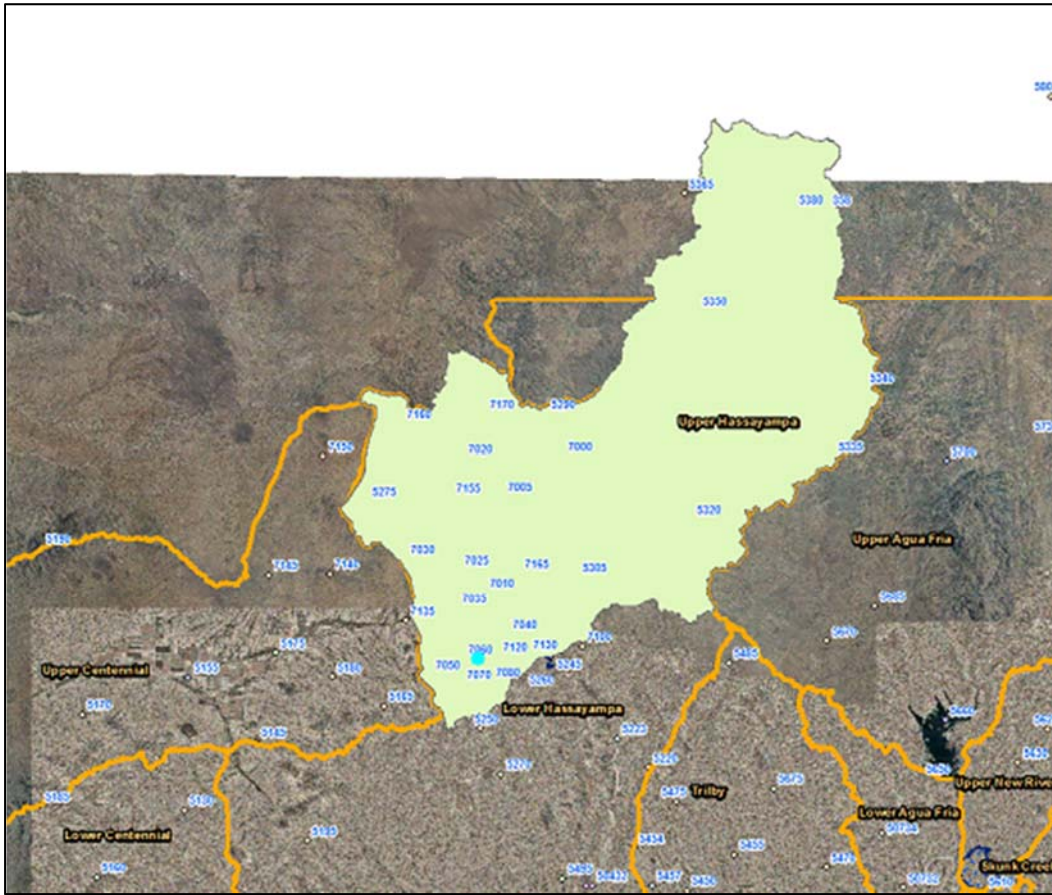
Hassayampa River at US60, ID #5228



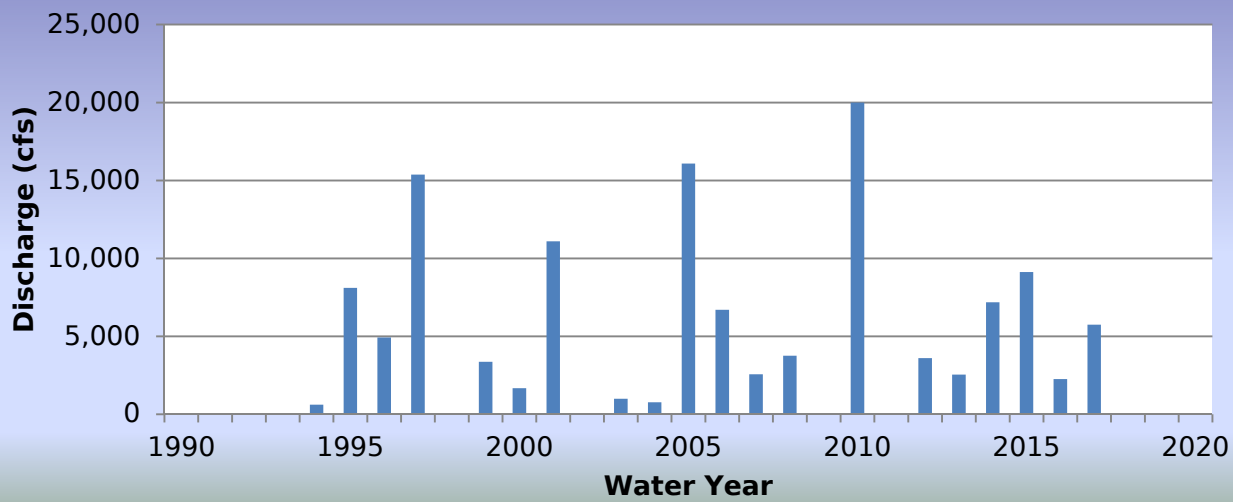
Site Data

LOCATION	US 60 crossing of the Hassayampa River
DRAINAGE AREA	711 mi ²
STREAM TYPE	Natural Stream
JURISDICTION	Wickenburg, Arizona
WATERSHED	Lower Hassayampa
SECTION/TOWNSHIP/RANGE	S12 T7N R5W
LATITUDE	N 33° 58' 13.2" +33.97032
LONGITUDE	W 112° 43' 37.3" -112.72704
STREAMGAGE INSTALLATION DATE	03/14/1994 - WY 1994
AVAILABLE PERIOD OF RECORD (POR)	03/14/1994 - 10/01/2010
LENGTH OF AVAILABLE POR DATA	23.55 Years 8,602 Days
DATA GAPS IN POR	06/26/2009 - 04/13/2010
STAGE GAGE ELEVATION	0.60 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	2
ZERO GAGE HEIGHT ELEVATION	2,034.85 feet NAVD 1988
POINT OF ZERO FLOW	0.5 feet Gage Height
EXTREME FOR PERIOD OF RECORD	16,089 cfs 4.32 feet 02/12/2005
EXTREME OUTSIDE PERIOD OF RECORD	52,000 cfs 10.3 feet 09/05/1970

Watershed Map



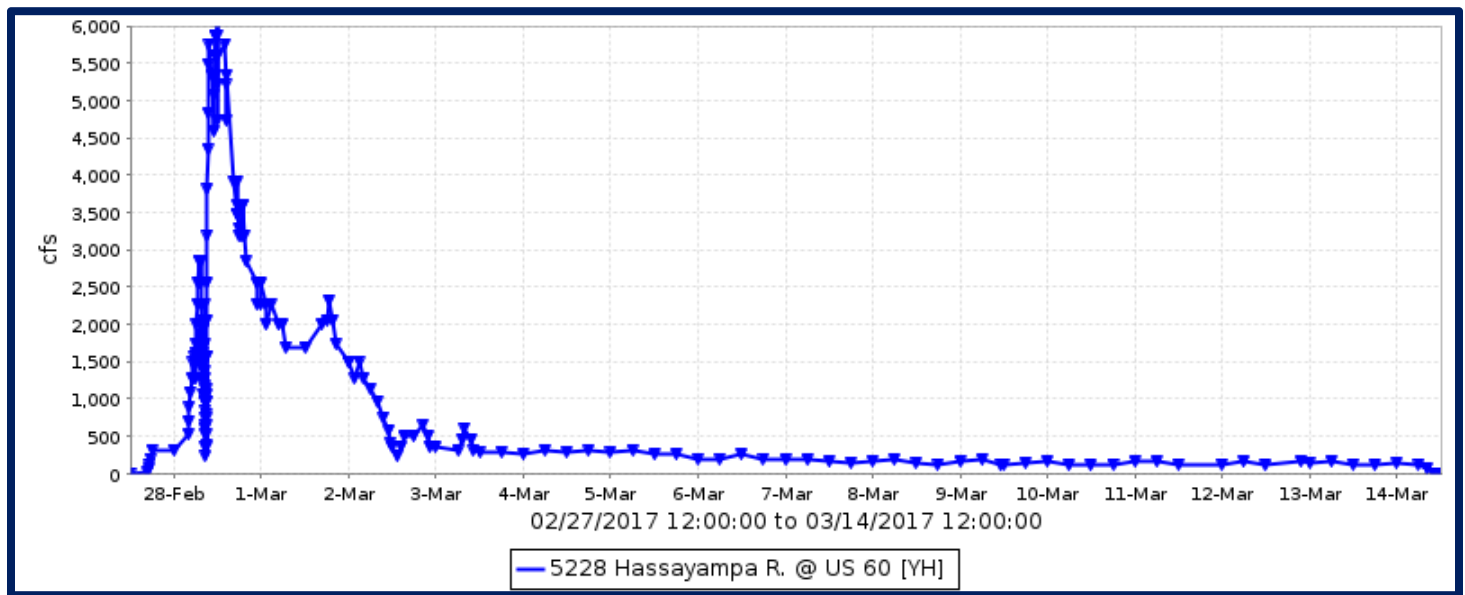
Hassayampa River at US60 - water year peaks



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
01/21/2017	2.20	2,694
02/19/2019	1.58	1,135
02/28/2017	2.90	5,750
07/18/2017	2.50	3,811
07/29/2017	0.83	76
08/01/2017	1.60	1,170
08/10/2017	1.25	524

Hydrograph of peak WY 2017 flow event, 02/28/2017



Flood Flow Frequency

Flood Flow Frequency N=24, HEC-WRC computation (based on 24 years of data)					
2-year	5-year	10-year	20-year	50-year	100-year
2,880	10,800	19,500	30,200	47,200	61,800

NOTE: These results are based on very limited data.

Hassayampa River at US60, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1						1899						94
2				---		792						22
3						339						
4						291						
5						276						
6						213						
7						167						
8						151						
9						149						
10						123				1	13	
11						140					---	
12						129					---	
13						132					---	
14						52					---	
15												
16												
17												
18						99				188		
19						679						
20				33	582							
21				1069	122							
22				91								
23												
24												
25												
26	1											
27						83						
28						2990						
29						---				2		
30						---						
31		---				---	---		---			---
TOTAL	1	0	0	1193	4556	4853	0	0	0	190	130	0
MEAN	0	0	0	42	163	157	0	0	0	6	4	0
MAX	2	0	0	2754	6134	2546	0	0	0	3811	1170	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	1	0	0	2366	9036	9626	0	0	0	377	257	0
WTR YR 2017	TOTAL	10921	MEAN	30	MAX	6134	MIN	0	AC_FT	21662		

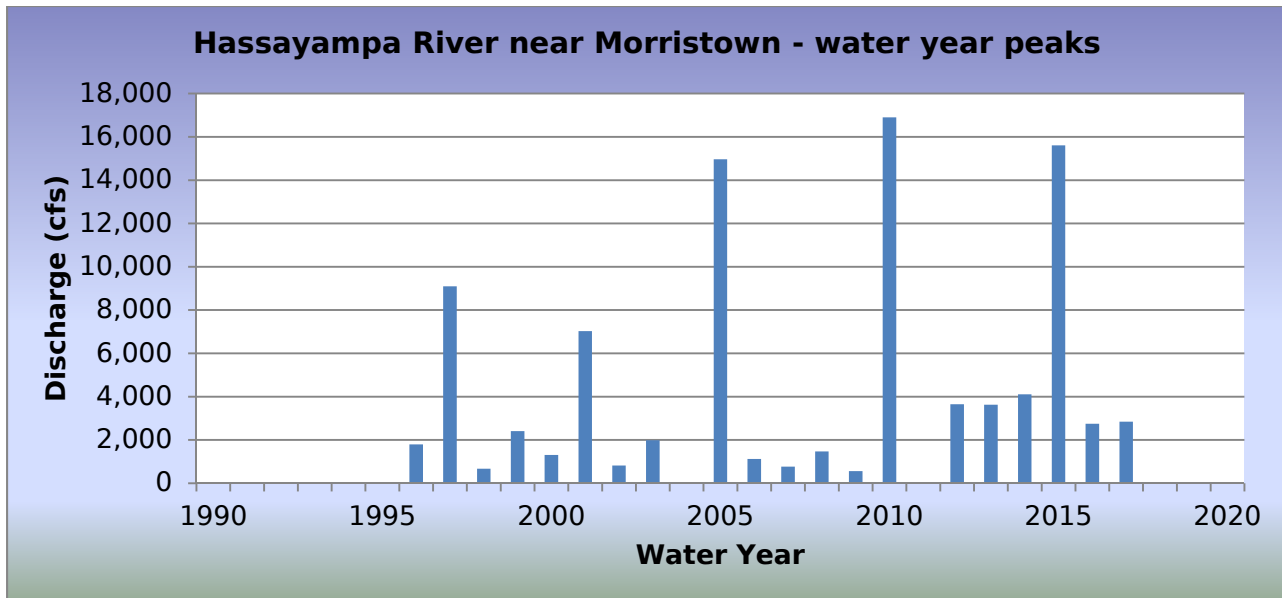
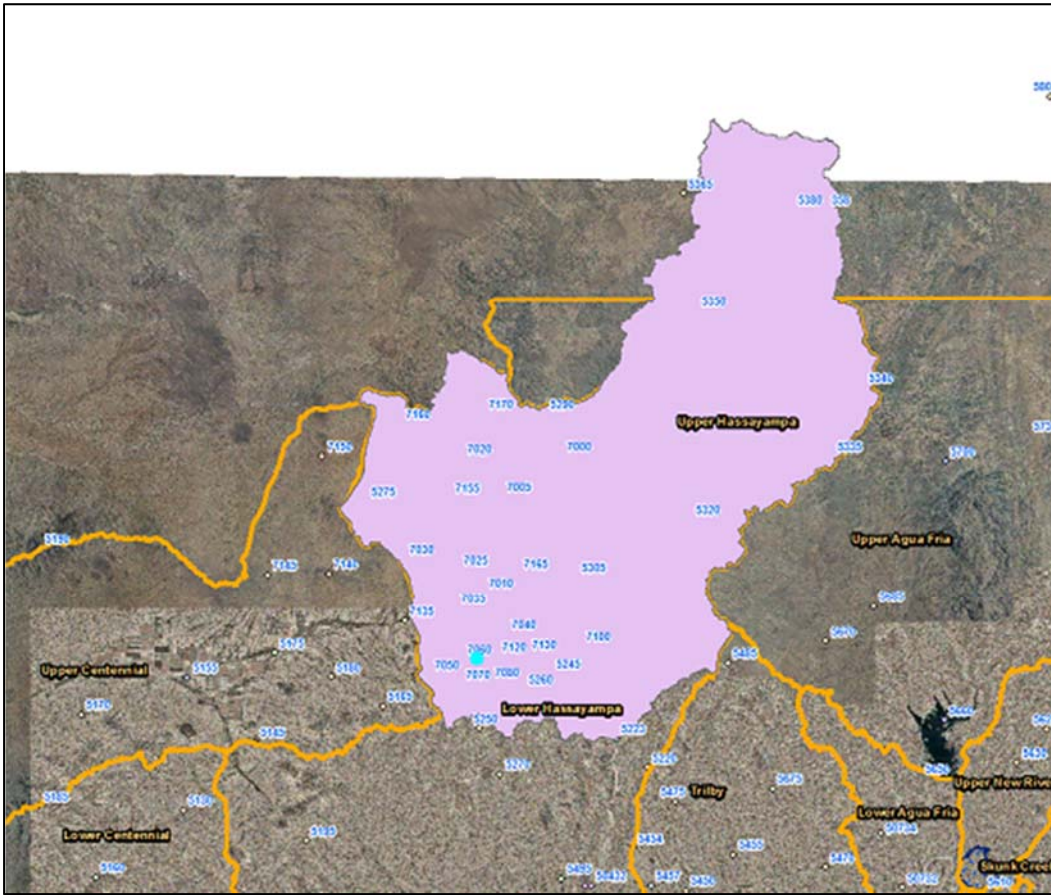
Hassayampa River near Morristown, ID #5223



Site Data

LOCATION	Located about 6 miles south of Wickenburg
DRAINAGE AREA	796 mi ²
STREAM TYPE	Natural Stream
JURISDICTION	Maricopa County, Arizona
WATERSHED	Lower Hassayampa
SECTION/TOWNSHIP/RANGE	S03 T6N R4W
LATITUDE	N 33° 53' 05.3" +33.88481
LONGITUDE	W 112° 39' 42.3" -112.66174
STREAMGAGE INSTALLATION DATE	05/07/1996 - WY 1996
AVAILABLE PERIOD OF RECORD (POR)	05/07/1996 - Current
LENGTH OF AVAILABLE POR DATA	21.40 Years 7,817 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	7.25 feet Gage Height
STAFF GAGES	2
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	0.00 feet Gage Height
POINT OF ZERO FLOW	8.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	16,900 cfs 14.21 feet 01/22/2010
EXTREME OUTSIDE PERIOD OF RECORD	47,500 cfs 09/05/1970

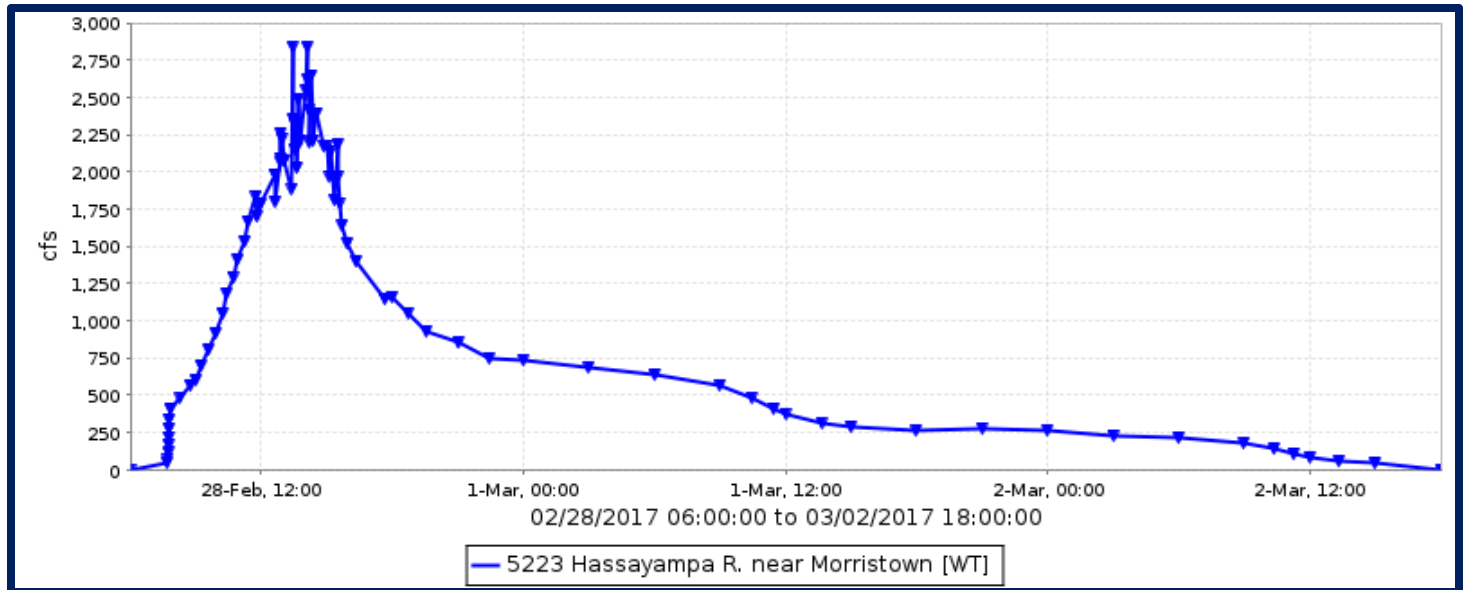
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
01/01/2017	8.15	307
01/21/2017	9.57	1,696
02/28/2017	10.31	2,841
08/10/2017	8.93	975

Hydrograph of peak WY 2017 flow event, 02/28/2017



Flood Flow Frequency

Flood Flow Frequency N=64, HEC-WRC computation (based on 64 years of data)					
2-year	5-year	10-year	20-year	50-year	100-year
3,090	9,620	15,400	21,500	29,400	35,200

NOTE: These results are based on available data.

Hassayampa River near Morristown, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				50		470						
2						121						
3												
4												
5												
6					---							
7												
8												
9												
10											43	
11											19	
12												
13												
14												
15												
16												
17												
18												
19												
20												
21				537								
22				296								
23				80								
24												
25							50					
26							7					
27												
28					855							
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	962	855	591	57	0	0	0	63	0
MEAN	0	0	0	31	31	19	2	0	0	0	2	0
MAX	0	0	0	1696	2841	689	975	0	0	0	975	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	1909	1695	1172	112	0	0	0	124	0
WTR YR 2017	TOTAL	2527	MEAN	7	MAX	2841	MIN	0	AC_FT	5013		

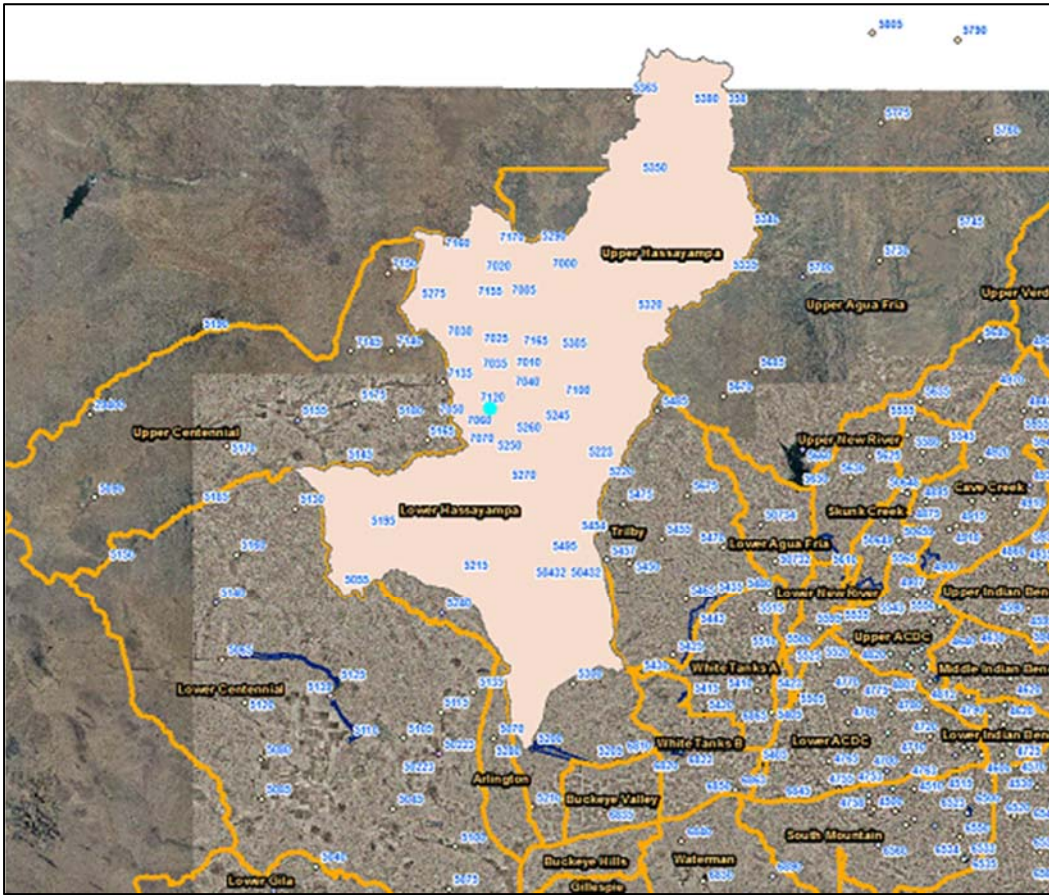
Hassayampa River at I-10, ID #5283



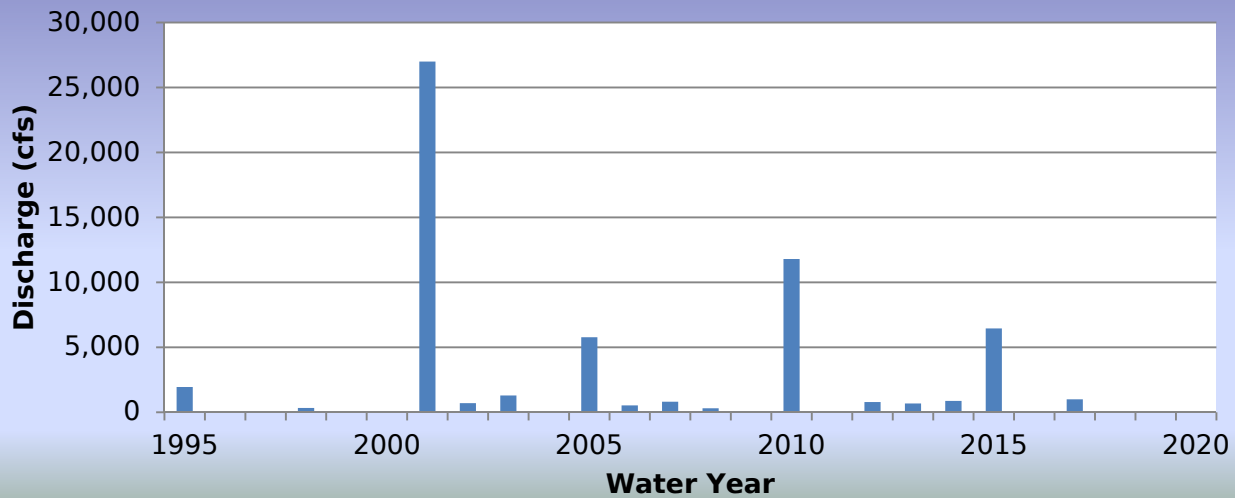
Site Data

LOCATION	Located on the eastbound I-10 bridge
DRAINAGE AREA	1,450 mi ²
STREAM TYPE	Natural Stream
JURISDICTION	Maricopa County, Arizona
WATERSHED	Lower Hassayampa
SECTION/TOWNSHIP/RANGE	S03 T1N R5W
LATITUDE	N 33° 27' 28.2" +33.45782
LONGITUDE	W 112° 45' 40.7" -112.76139
STREAMGAGE INSTALLATION DATE	11/09/1994 - WY 1995
AVAILABLE PERIOD OF RECORD (POR)	11/09/1994 - Current
LENGTH OF AVAILABLE POR DATA	22.89 Years 8,362 Days
DATA GAPS IN POR	02/15/2011 - 01/30/2012
STAGE GAGE ELEVATION	2.402 feet Gage Height
STAFF GAGES	2
CREST STAGE GAGES	3
ZERO GAGE HEIGHT ELEVATION	1,018.722 feet NAVD 1988
POINT OF ZERO FLOW	1.9 feet Gage Height
EXTREME FOR PERIOD OF RECORD	27,000 cfs 7.05 feet 10/27/2000

Watershed Map



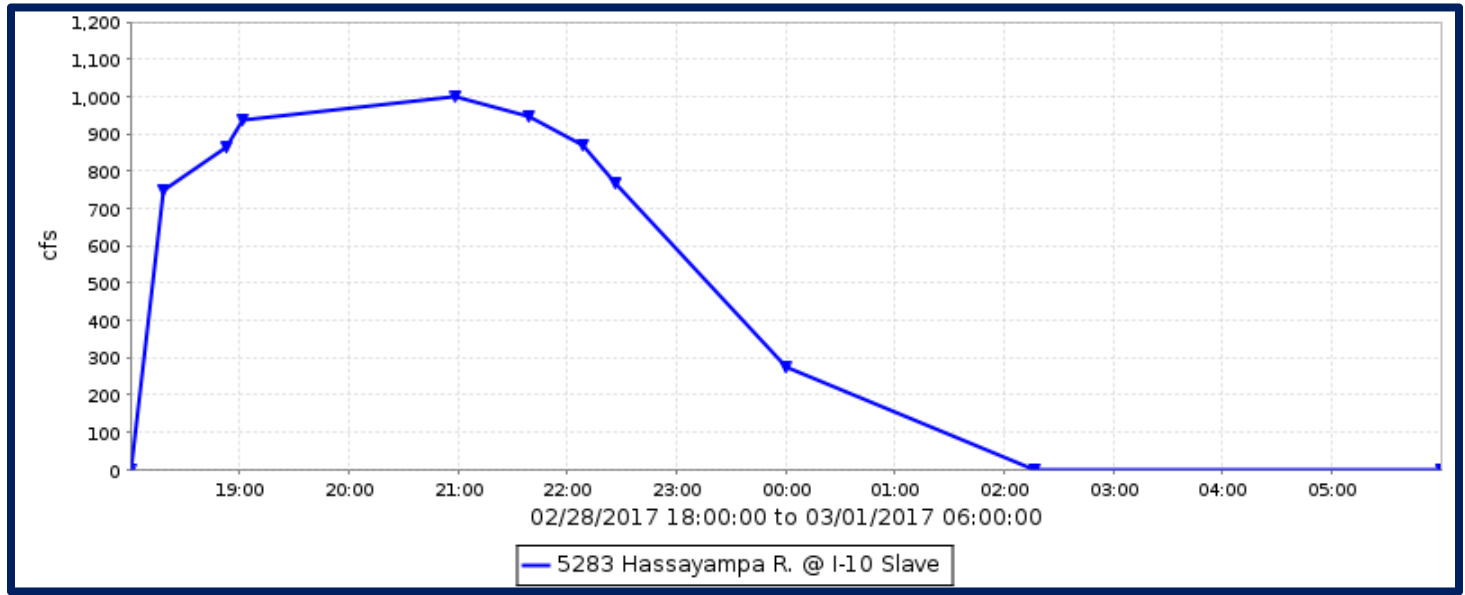
Hassayampa River at I-10 - water year peaks



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
02/28/2017	2.62	1,000

Hydrograph of peak WY 2017 flow event, 02/28/2017



Flood Flow Frequency

Flood Flow Frequency N=23, HEC-WRC computation (based on 23 years of data)					
2-year	5-year	10-year	20-year	50-year	100-year
589	2,470	5,430	10,600	22,900	38,800

NOTE(1): These results are based on very limited data.

NOTE(2): FEMA 100-year discharge is 75,164 cfs

Hassayampa River at I-10, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1						26	---	---				
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					208		---	---				
29							---	---				
30							---	---				
31		---					---	---		---		---
TOTAL	0	0	0	0	208	26	---	0	0	0	0	0
MEAN	0	0	0	0	7	1	---	0	0	0	0	0
MAX	0	0	0	0	1000		---	0	0	0	0	0
MIN	0	0	0	0	0		---	0	0	0	0	0
AC_FT	0	0	0	0	412	52	---	0	0	0	0	0
WTR YR 2017	TOTAL	234	MEAN	1	MAX	1000	MIN	0	AC_FT	463		

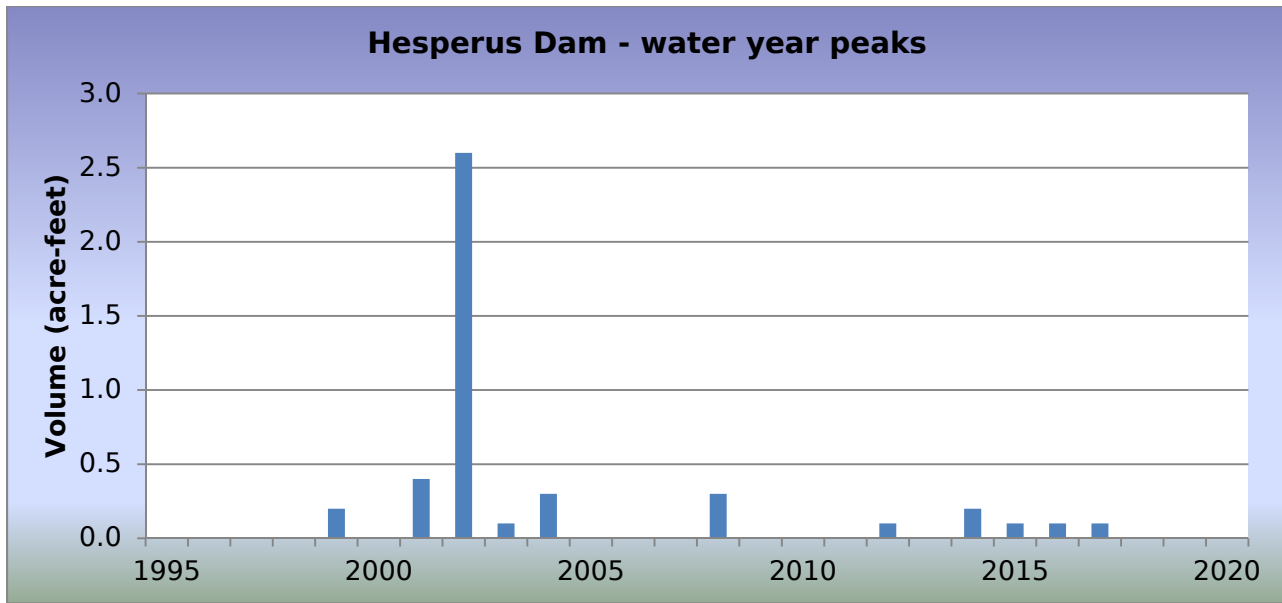
Hesperus Dam, ID #5993



Site Data

LOCATION	East of Golden Eagle Boulevard off of Richwood Avenue
DRAINAGE AREA	2.91 mi ²
STREAM TYPE	Dam of natural drainage
JURISDICTION	Fountain Hills, Arizona
WATERSHED	Lower Verde
SECTION/TOWNSHIP/RANGE	S04 T3N R6E
LATITUDE	N 33° 38' 11.8" +33.63661
LONGITUDE	W 111° 44' 47.6" -111.74656
STREAMGAGE INSTALLATION DATE	12/18/1996 - WY 1997
AVAILABLE PERIOD OF RECORD (POR)	12/18/1996 - Current
LENGTH OF AVAILABLE POR DATA	20.79 Years 7,592 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	1.03 feet Gage Height
STAFF GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,851.88 feet M.S.L.
POINT OF ZERO FLOW	0.00 feet Gage Height
SPILLWAY CREST ELEVATION	37.1 feet Gage Height
TOP OF DAM ELEVATION	42.3 feet Gage Height

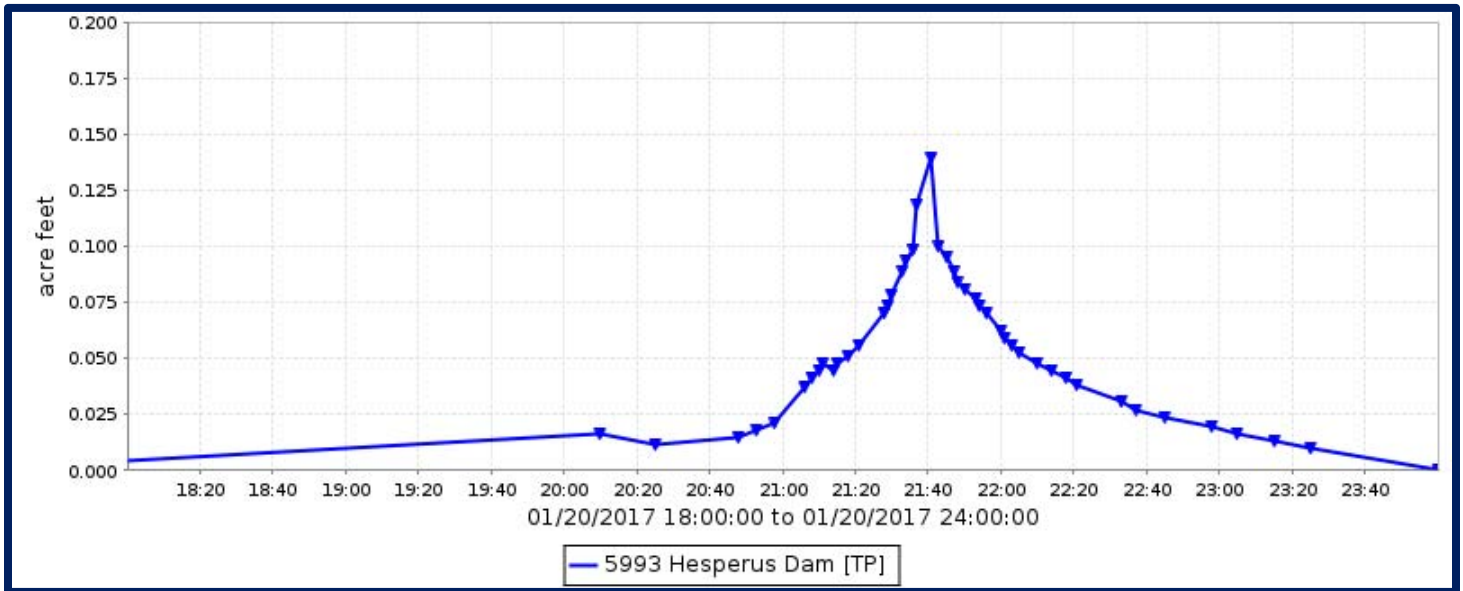
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
12/22/2016	3.62	0.1	0.1
01/20/2017	4.31	0.1	0.1
08/14/2017	1.71	0.0	0.0

Hydrograph of peak WY 2017 impoundment event, 01/20/2017



Hesperus Dam, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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	2											
14											1	
15												
16												
17												
18												
19												
20				7								
21												
22			8									
23												
24												
25												
26												
27												
28												
29							---					
30							---					
31		---					---		---			---
TOTAL	2	0	8	7	0	0	0	0	0	0	1	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	36	0	60	67	0	0	0	0	0	0	41	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	3	0	15	14	0	0	0	0	0	0	2	0
WTR YR 2017	TOTAL		17	MEAN	0	MAX	67	MIN	0	AC_FT		34

Hesperus Dam, volume data

Volume, in acre-feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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	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 2016	MEAN		0	MAX	0	MIN	0					

Hesperus Dam, stage data

Depth, in feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	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	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
10	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
11	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
12	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
13	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
14	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
15	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
16	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
17	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
18	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
19	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
20	1.0	1.0	1.0	1.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
21	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
22	1.0	1.0	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
23	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
24	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
25	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
26	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
27	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
28	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
29	1.0	1.0	1.0	1.0	---	1.0	1.0	1.0	1.0	1.0	1.0	1.0
30	1.0	1.0	1.0	1.0	---	1.0	1.0	1.0	1.0	1.0	1.0	1.0
31	1.0	---	1.0	1.0	---	1.0	---	1.0	---	1.0	1.0	---
MEAN	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
MAX	1.5	1.0	3.6	4.3	1.0	1.0	1.0	1.0	1.0	1.0	1.7	1.0
MIN	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
WTR YR 2017	MEAN	1.03	MAX	4.31	MIN	1.03						

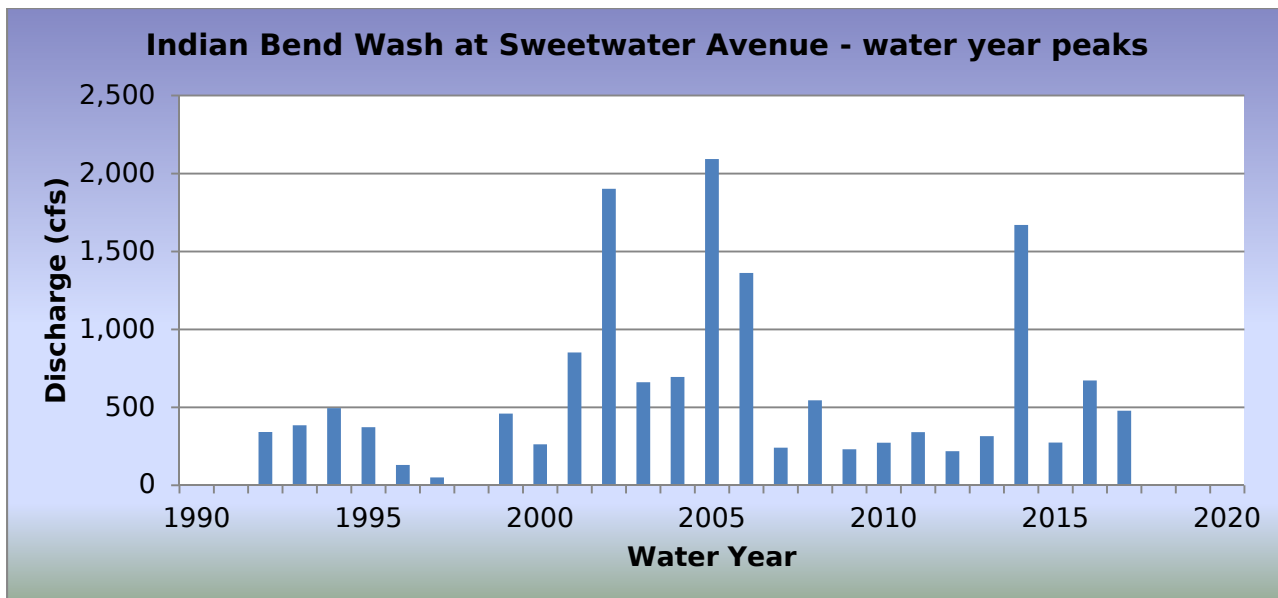
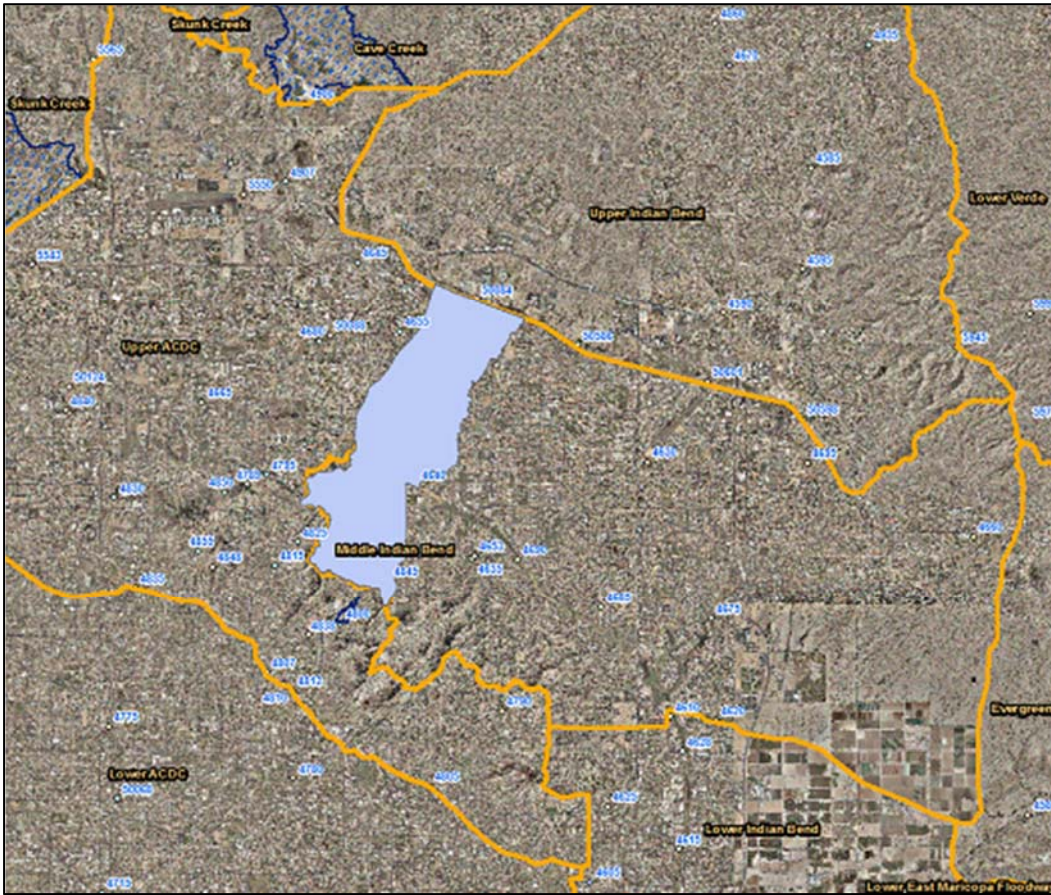
Indian Bend Wash at Sweetwater Avenue – ID #4643



Site Data

LOCATION	Near 36th Street and Sweetwater Ave
DRAINAGE AREA	11.7 mi ²
STREAM TYPE	Channelized Stream
JURISDICTION	Phoenix, Arizona
WATERSHED	Middle Indian Bend
SECTION/TOWNSHIP/RANGE	S13 T3N R3E
LATITUDE	N 33° 36' 13.3" +33.60369
LONGITUDE	W 112° 00' 16.0" -112.00445
STREAMGAGE INSTALLATION DATE	12/27/1990 - WY 1991
AVAILABLE PERIOD OF RECORD (POR)	03/27/1992 - Current
LENGTH OF AVAILABLE POR DATA DATA	25.51 Years 9,319 Days
DATA GAPS IN POR	04/27/1997 - 11/22/1998
STAGE GAGE ELEVATION	0.00 feet Gage Height
ZERO GAGE HEIGHT ELEVATION	1,387.633 feet NAVD 1988
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	2,093 cfs 4.90 feet 08/02/2005

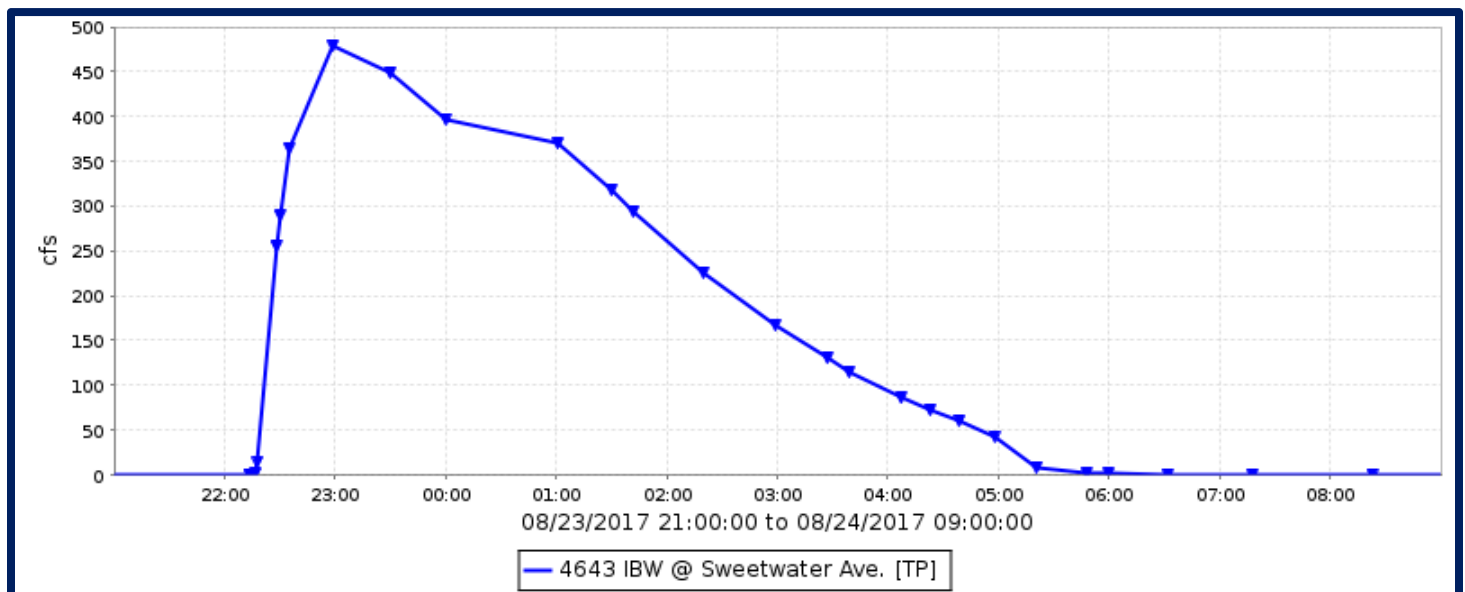
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
11/27/2016	0.72	14
12/22/2016	1.29	114
12/24/2016	0.99	72
12/31/2016	0.87	58
01/01/2017	0.82	52
01/20/2017	0.92	63
02/27/2017	0.90	61
02/28/2017	1.13	91
07/16/2017	2.52	372
08/03/2017	2.16	282
08/23/2017	2.89	478

Hydrograph of peak WY 2017 flow event, 08/23/2017



Flood Flow Frequency

Flood Flow Frequency N=26, HEC-WRC computation (based on 26 years of data)					
2-year	5-year	10-year	20-year	50-year	100-year
422	864	1,250	1,680	2,330	2,900
FEMA FIS, Flood Flow Frequency					
		2,000		3,500	6,000

NOTE: Results for the HEC-WRC analysis are based on very limited data.

Indian Bend Wash at Sweetwater Avenue, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				5								
2												
3											36	
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16										10		
17										21		
18					5							
19					5							
20				7								
21												
22			9									
23											27	
24			5								51	
25												
26												
27		1			3							
28					15							
29					---							
30					---							
31		---	3		---		---		---			---
TOTAL	0	1	17	12	27	0	0	0	0	31	114	0
MEAN	0	0	1	0	1	0	0	0	0	1	4	0
MAX	0	14	114	63	91	0	0	0	0	372	478	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	2	35	24	53	0	0	0	0	62	227	0
WTR YR 2017	TOTAL		203	MEAN	1	MAX	478	MIN	0	AC_FT	402	

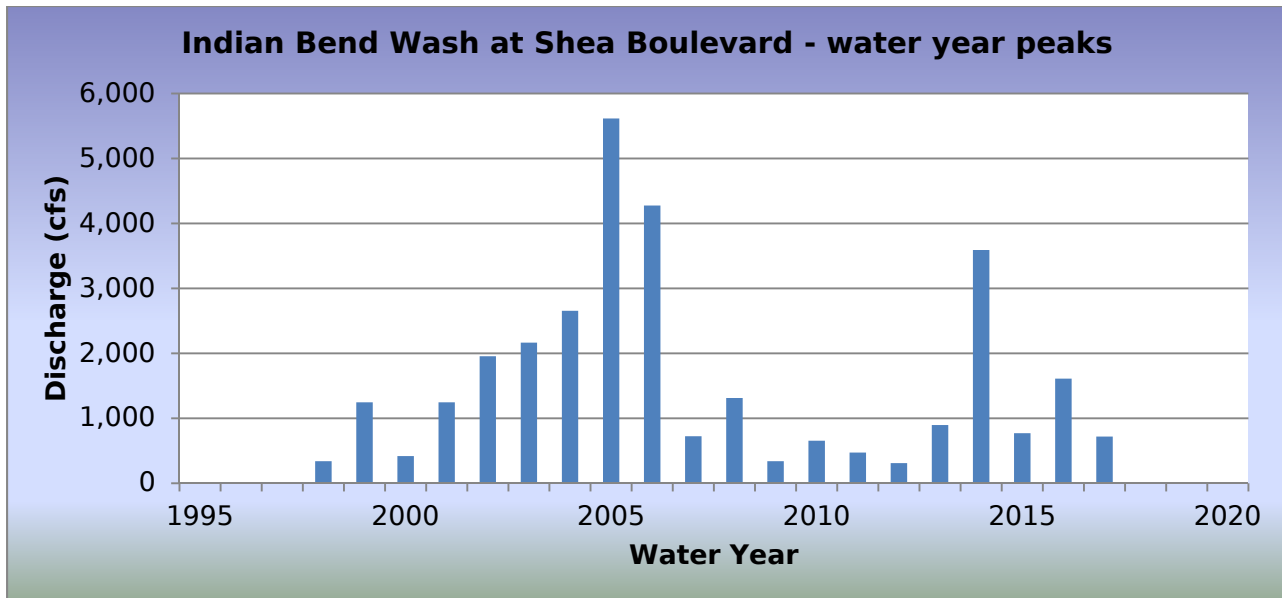
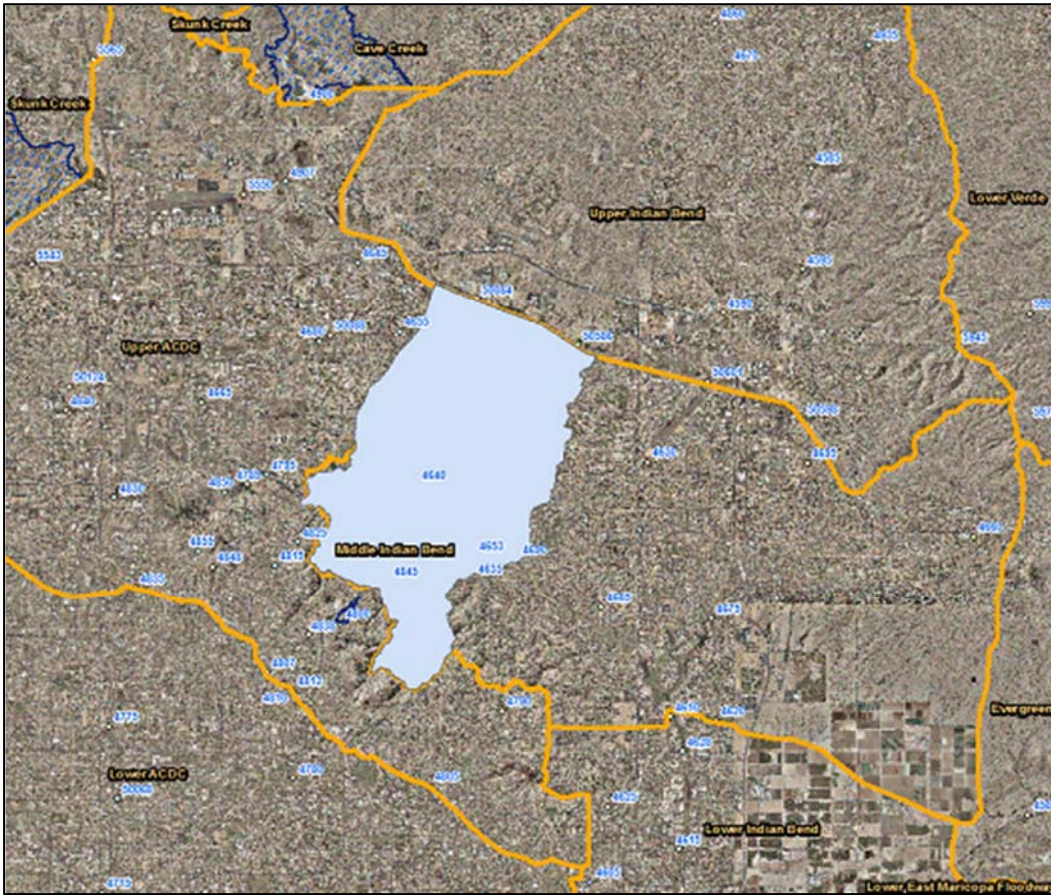
Indian Bend Wash at Shea Boulevard, ID #4693



Site Data

LOCATION	Near 52nd Street and Shea Boulevard
DRAINAGE AREA	24.6 mi ²
STREAM TYPE	Channelized Natural Stream
JURISDICTION	Phoenix, Arizona
WATERSHED	Lower Indian Bend
SECTION/TOWNSHIP/RANGE	S29 T3N R4E
LATITUDE	N 33° 34' 53.2" +33.58143
LONGITUDE	W 111° 58' 06.3" -111.96841
STREAMGAGE INSTALLATION DATE	06/09/1998 - WY 1998
AVAILABLE PERIOD OF RECORD (POR)	06/09/1998 - Current
LENGTH OF AVAILABLE POR DATA DATA	19.31 Years 7,054 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.35 feet Gage Height
ZERO GAGE HEIGHT ELEVATION	1,344.26 feet NAVD 1988
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	5,616 cfs 4.68 feet 08/02/2005

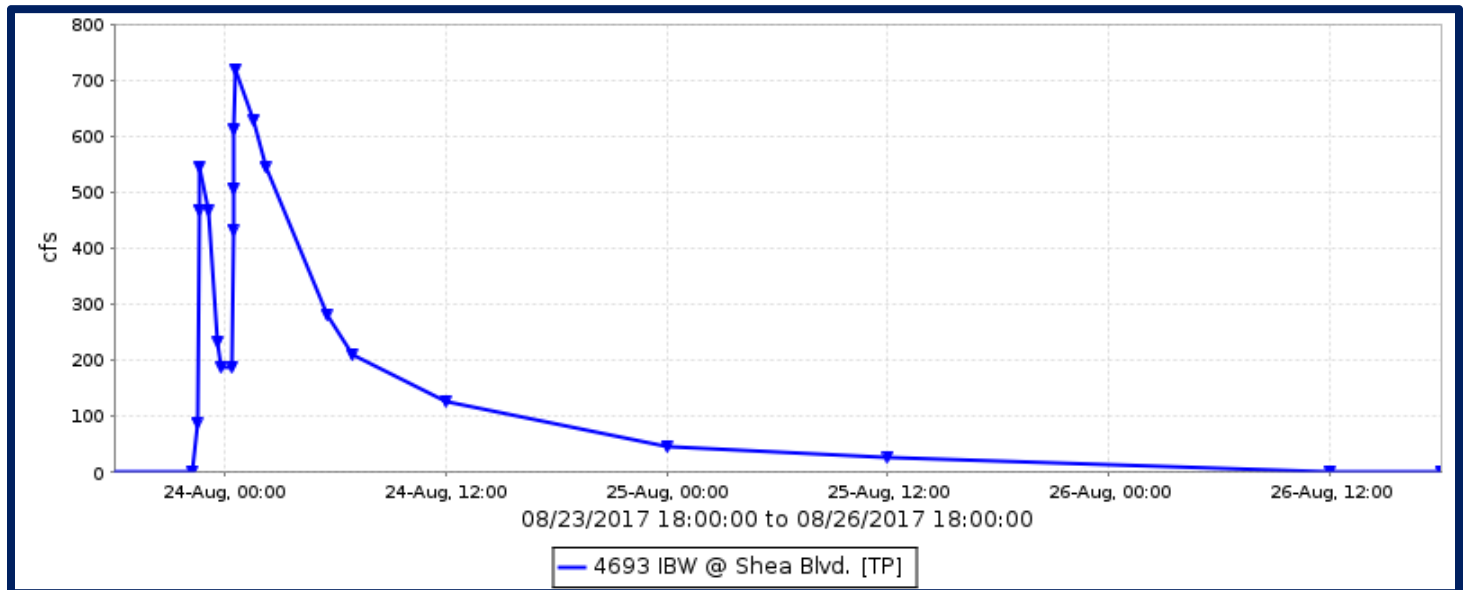
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
11/03/2016	0.95	87
12/22/2016	1.50	325
12/24/2016	1.27	208
12/30/2016	0.95	87
12/31/2016	1.27	208
01/01/2017	1.37	255
01/20/2017	1.32	231
02/18/2017	1.12	149
02/28/2017	1.32	231
07/17/2017	1.72	468
07/21/2017	0.99	105
08/03/2017	1.74	483
08/12/2017	0.92	75
08/13/2017	0.77	38
08/24/2017	2.02	718

Hydrograph of peak WY 2017 flow event, 08/24/2017



Flood Flow Frequency

Flood Flow Frequency N=29, HEC-WRC computation (based on 29 years of data, USGS and FCDMC data)					
2-year	5-year	10-year	20-year	50-year	100-year
1,160	2,330	3,380	4,600	6,540	8,290

NOTE: These results are based on very limited data.

Inidan Bend Wash at Shea Boulevard, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				138								
2				63								---
3		13		29							98	
4		11		22							107	
5				5							28	
6												
7										2		
8										31		
9										30		
10										5		
11												
12											22	
13											22	
14												
15												
16										12		
17										197		
18					85					63		
19					140					40		
20				34	90					19		
21			18	107	38					67		
22			153	34						66		
23			59	32						39	25	
24			76	62						56	251	
25			59	31						49	36	
26			28	3						31	13	
27			9		11							
28					113							
29					---							
30			10		---					---		
31		---	119		---		---		---			---
TOTAL	0	24	530	559	477	0	0	0	0	708	603	0
MEAN	0	1	17	18	17	0	0	0	0	23	19	0
MAX	0	87	325	255	231	0	0	0	0	468	718	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	47	1052	1109	946	0	0	0	0	1403	1196	0
WTR YR 2017	TOTAL	2901	MEAN	8	MAX	718	MIN	0	AC_FT	5753		

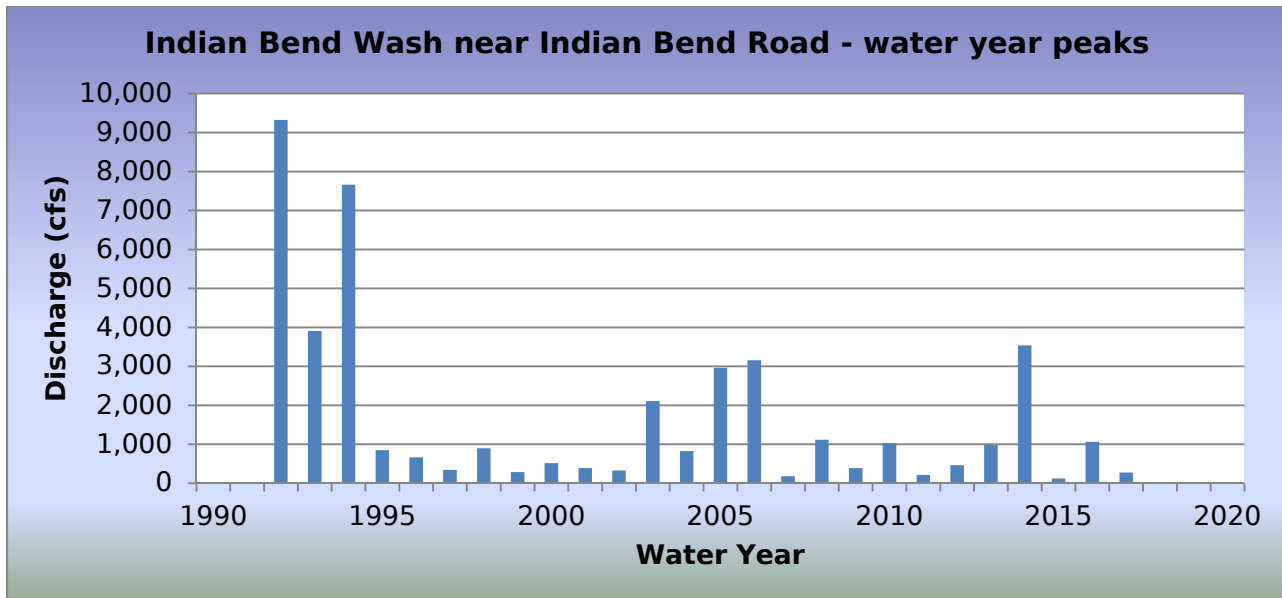
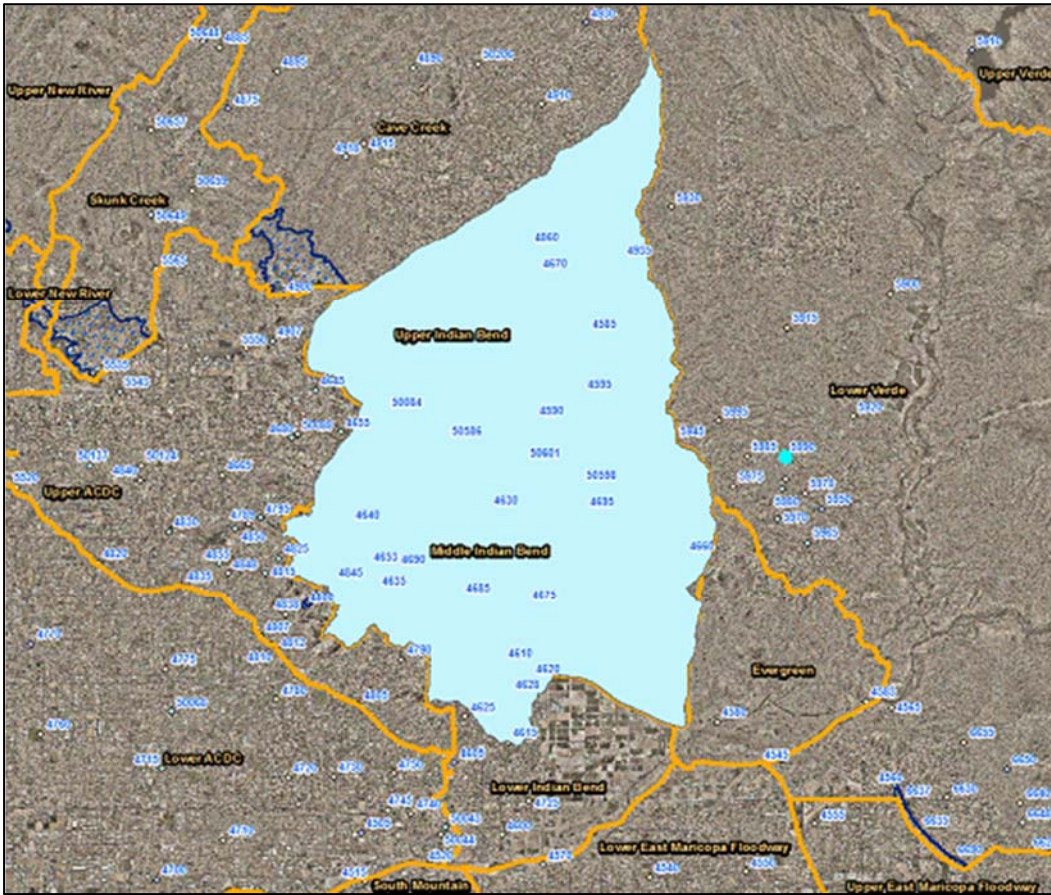
Indian Bend Wash near Indian Bend Road – ID #4613



Site Data

LOCATION	About 1/4 mile south of Indian Bend Road
DRAINAGE AREA	88 mi ²
STREAM TYPE	Channelized Natural Stream
JURISDICTION	Scottsdale, Arizona
WATERSHED	Lower Indian Bend
SECTION/TOWNSHIP/RANGE	S11 T2N R4E
LATITUDE	N 33° 32' 04.0" +33.53444
LONGITUDE	W 111° 54' 51.1" -111.91422
STREAMGAGE INSTALLATION DATE	09/28/1983 - WY 1983
AVAILABLE PERIOD OF RECORD (POR)	03/27/1992 - Current
LENGTH OF AVAILABLE POR DATA	25.51 Years 9,319 Days
DATA GAPS IN POR	09/28/1983 - 03/27/1992 07/07/1999 - 01/25/2000
STAGE GAGE ELEVATION	-0.15 feet Gage Height
ZERO GAGE HEIGHT ELEVATION	1,267.18 feet Gage NAVD 1988
POINT OF ZERO FLOW	-0.2 feet Gage Height
EXTREME FOR PERIOD OF RECORD	9,324 cfs 5.85 feet 07/24/1992
EXTREME OUTSIDE PERIOD OF RECORD	21,000 cfs 06/22/1972

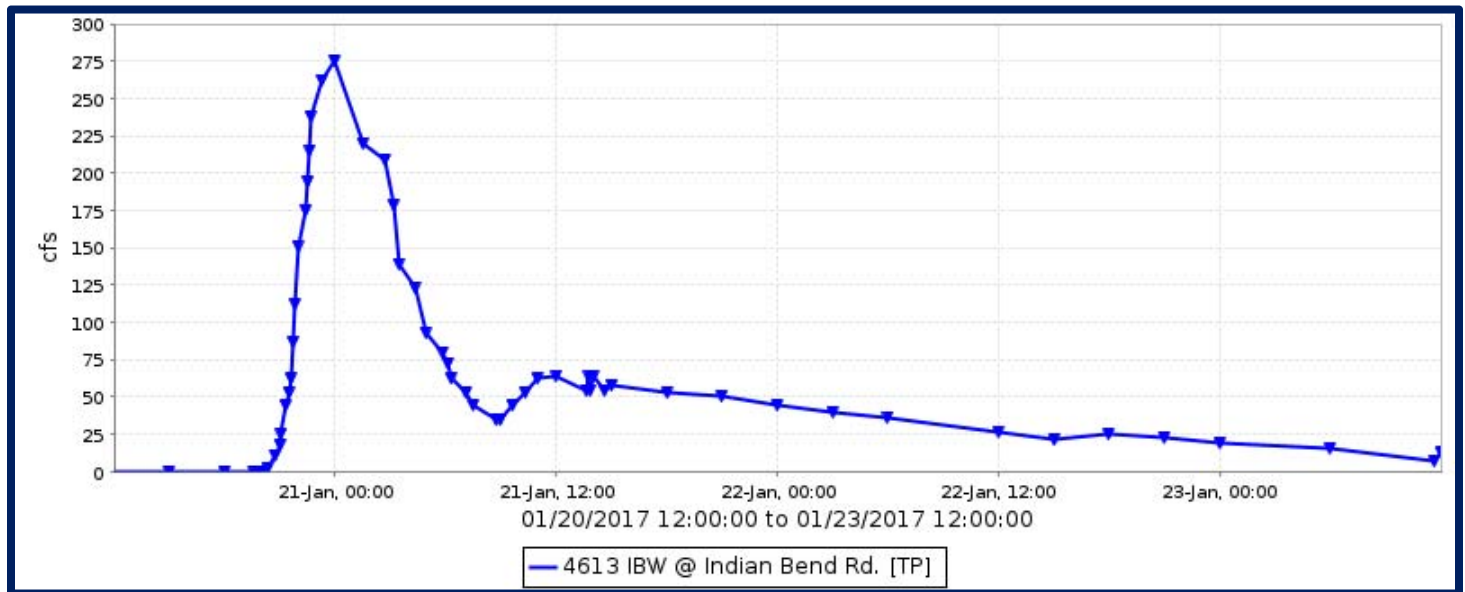
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
12/25/2016	0.82	42
01/21/2017	2.27	275
02/19/2017	1.02	59
02/28/2017	1.40	105
07/17/2017	1.72	156
07/24/2017	1.97	204

Hydrograph of peak WY 2017 flow event, 01/21/2017



Flood Flow Frequency

Flood Flow Frequency N=26, HEC-WRC computation (based on 26 years of data)					
2-year	5-year	10-year	20-year	50-year	100-year
861	2,350	4,070	6,480	11,100	16,000

Indian Bend Wash near Indian Bend Road, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				14	4	36						
2	1			40		19						
3				15		8					1	
4				13							1	
5				8								
6				7								
7				9								
8				1		3						
9						6						
10						1						
11												
12												
13										1		
14										2		
15												
16										5		
17										73		
18										24		
19					29					4		
20				21	35					1		
21				87	15							
22			3	32	13							
23			1	14	9							
24			9	11	6					47		
25			32	16	7					13		
26			13	18	1					6		
27				21	2							
28				12	44							
29				12	---							
30				13	---							
31		---		15	---		---		---			---
TOTAL	1	0	58	379	165	73	0	0	0	176	2	0
MEAN	0	0	2	12	6	2	0	0	0	6	0	0
MAX	5	0	42	275	105	50	0	0	0	204	5	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	3	0	114	752	328	145	0	0	0	348	3	0
WTR YR 2017	TOTAL		853	MEAN		2	MAX	275	MIN	0	AC_FT	1692

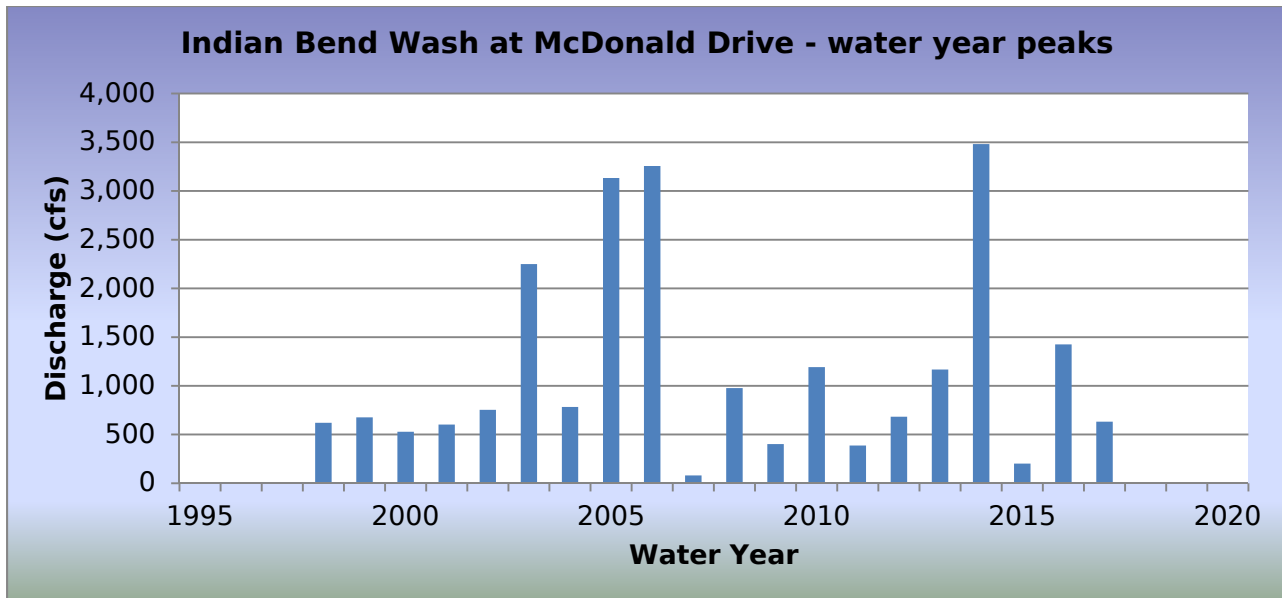
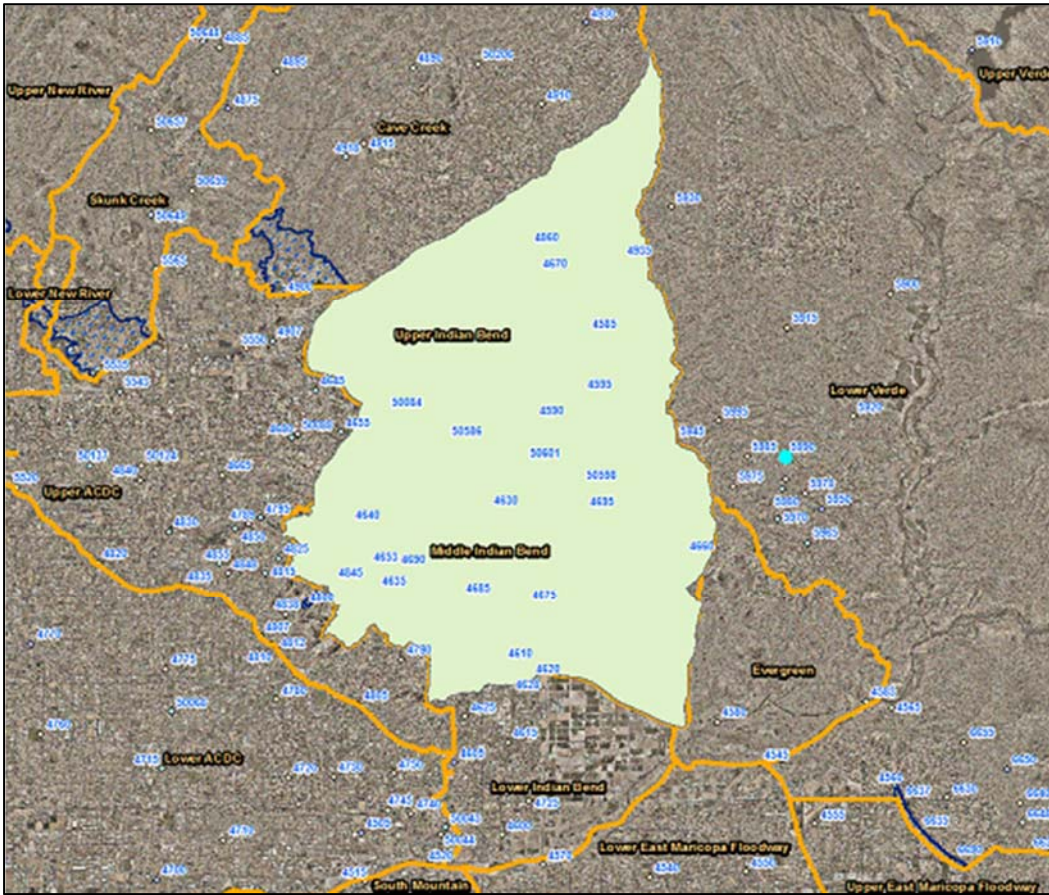
Indian Bend Wash at McDonald Drive – ID #4628



Site Data

LOCATION	On McDonald Drive west of Hayden Road
DRAINAGE AREA	88 mi ²
STREAM TYPE	Engineered Natural Stream
JURISDICTION	Scottsdale, Arizona
WATERSHED	Lower Indian Bend
SECTION/TOWNSHIP/RANGE	S11 T2N R4E
LATITUDE	N 33° 31' 26.7" +33.52407
LONGITUDE	W 111° 54' 35.8" -111.90994
STREAMGAGE INSTALLATION DATE	11/24/1997 - WY 1998
AVAILABLE PERIOD OF RECORD (POR)	11/24/1997 - Current
LENGTH OF AVAILABLE POR DATA DATA	19.85 Years 7,251 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	-1.90 feet Gage Height
ZERO GAGE HEIGHT ELEVATION	1,261.90 feet NAVD 1988
POINT OF ZERO FLOW	-1.9 feet Gage Height
EXTREME FOR PERIOD OF RECORD	3,482 cfs 4.03 feet 09/08/2014

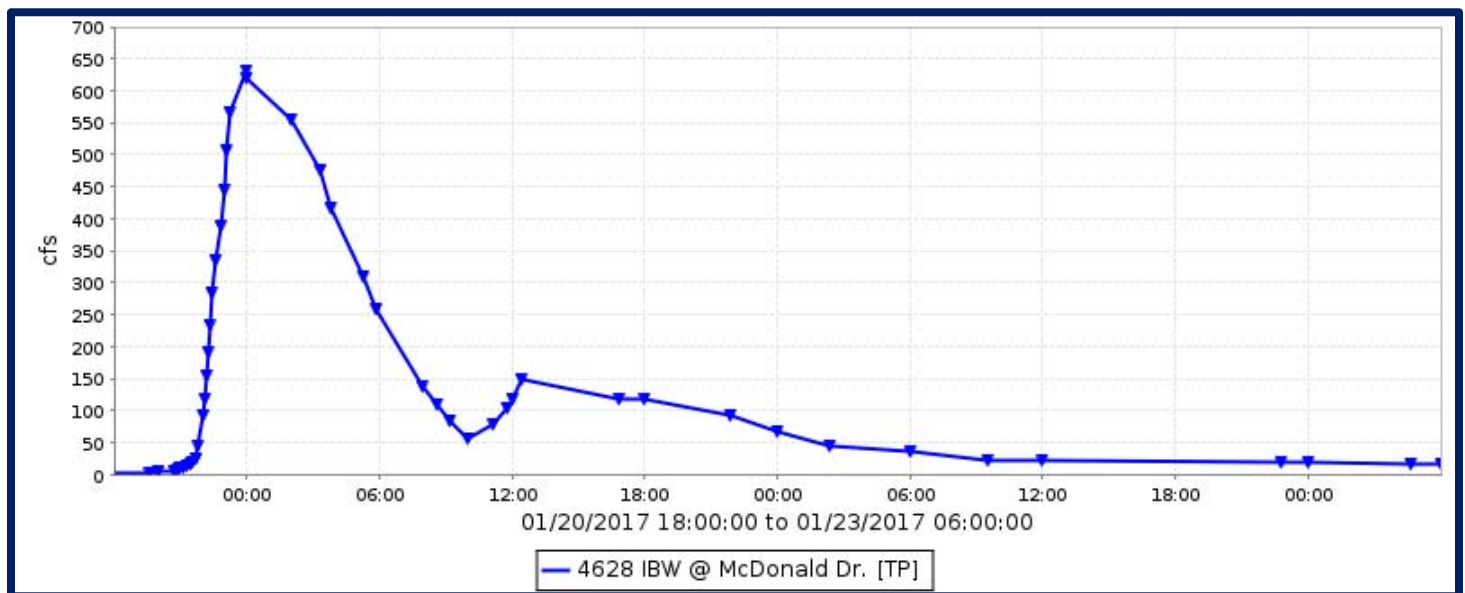
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
12/25/2016	-0.52	24
01/02/2017	-0.05	139
01/20/2017	0.90	632
02/19/2017	-0.12	118
02/28/2017	0.20	235
07/17/2017	0.23	249
07/24/2017	0.55	417

Hydrograph of peak WY 2017 flow event, 01/20/2017



Flood Flow Frequency

Flood Flow Frequency N=20, HEC-WRC computation (based on 20 years of data)					
2-year	5-year	10-year	20-year	50-year	100-year
860	1,720	2,510	3,430	4,920	6,280

Indian Bend Wash at McDonald Drive, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				17	11	56						
2				55	4	7						
3				16								
4				13								
5				12								
6				12								
7				12								
8				2								
9												
10												
11												
12												
13												
14												
15												
16										6		
17										140		
18					1					26		
19					41					9		
20				35	47					4		
21				225	15							
22				32	13							
23				15	13							
24			6	14	11					82		
25			22	15	11					13		
26			15	16	8					10		
27			3	18	5					1		
28				14	83							
29				13	---							
30				13	---							
31		---		15	---		---		---			---
TOTAL	0	0	47	566	264	64	0	0	0	292	1	0
MEAN	0	0	2	18	9	2	0	0	0	9	0	0
MAX	0	0	24	632	235	110	0	0	0	417	7	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	93	1123	523	126	0	0	0	580	2	0
WTR YR 2017	TOTAL	1234	MEAN	3	MAX	632	MIN	0	AC_FT	2447		

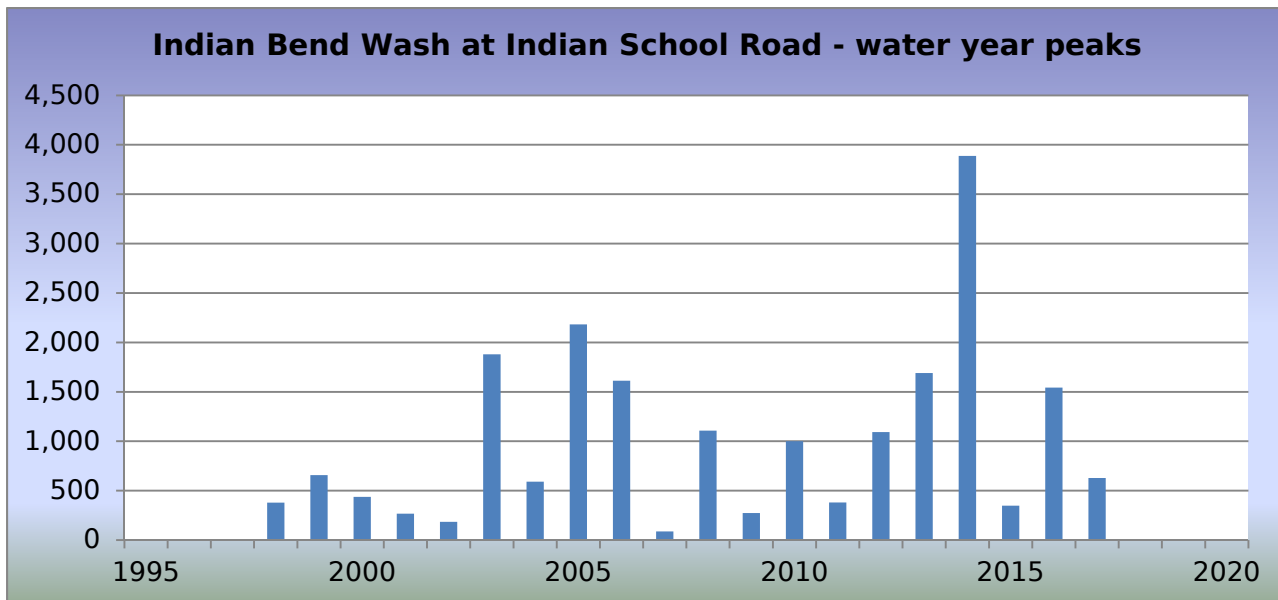
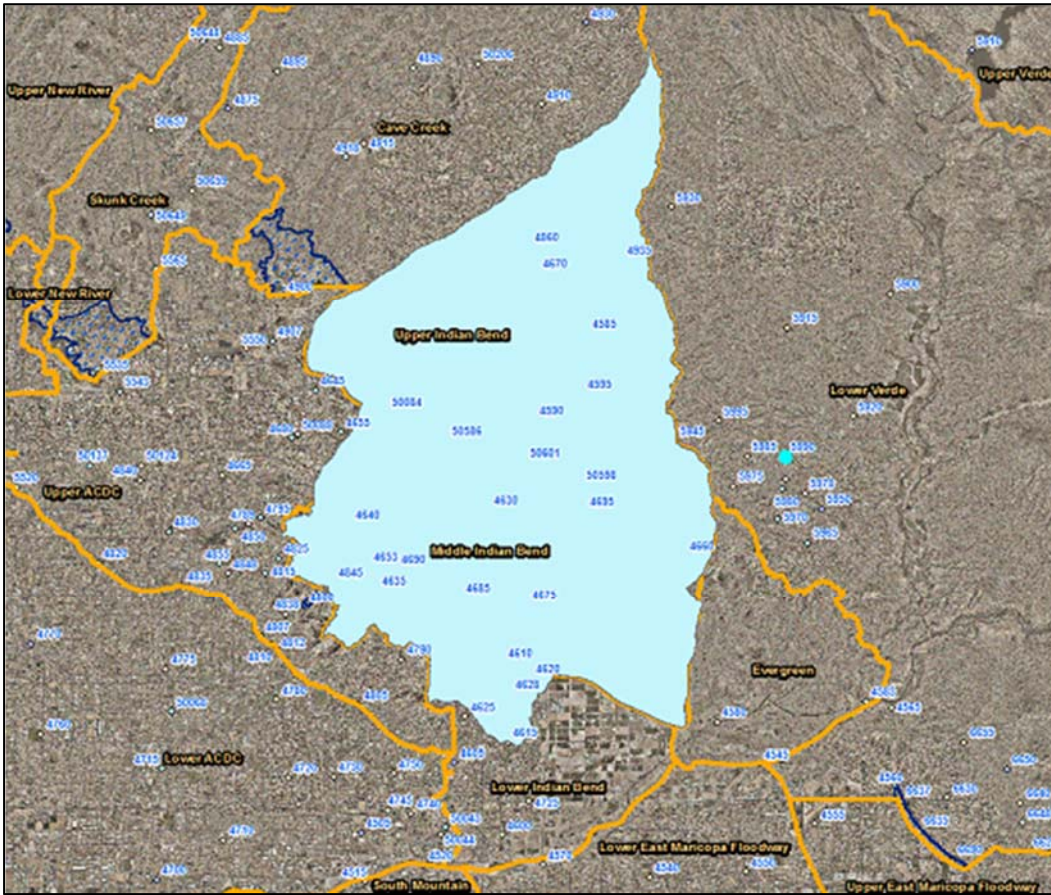
Indian Bend Wash at Indian School Road – ID #4618



Site Data

LOCATION	On Indian School Road west of Hayden Road
DRAINAGE AREA	90 mi ²
STREAM TYPE	Improved Natural Stream
JURISDICTION	Scottsdale, Arizona
WATERSHED	Lower Indian Bend
SECTION/TOWNSHIP/RANGE	S23 T2N R4E
LATITUDE	N 33° 29' 42.2" +33.49505
LONGITUDE	W 111° 54' 40.5" -111.91126
STREAMGAGE INSTALLATION DATE	11/25/1997 - WY 1998
AVAILABLE PERIOD OF RECORD (POR)	11/25/1997 - Current
LENGTH OF AVAILABLE POR DATA	19.85 Years 7,250 Days
DATA GAPS IN POR	11/30/2009 - 02/16/2010
STAGE GAGE ELEVATION	0.72 feet Gage Height
ZERO GAGE HEIGHT ELEVATION	1,233.19 feet NAVD 1988
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	3,887 cfs 5.50 feet 09/08/2014

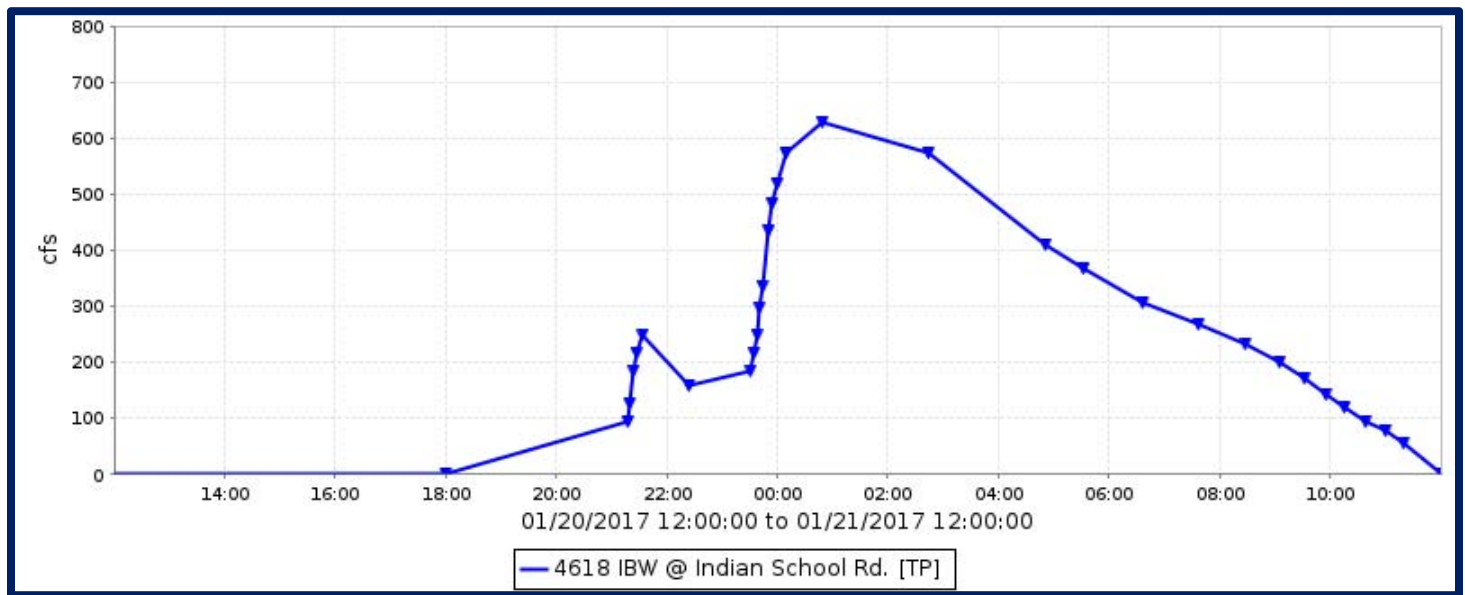
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
01/03/2017	1.04	100
01/21/2017	2.38	628
02/28/2017	1.56	249
07/16/2017	2.01	433
07/17/2017	1.61	266
07/24/2017	1.81	344
08/03/2017	1.29	165

Hydrograph of peak WY 2017 flow event, 01/21/2017



Flood Flow Frequency

Flood Flow Frequency N=20, HEC-WRC computation (based on 20 years of data)					
2-year	5-year	10-year	20-year	50-year	100-year
717	1,580	2,340	3,210	4,550	5,710

Indian Bend Wash at Indian School Road, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1						52						
2				13								
3				45							8	
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16										18		
17										138		
18										1		
19												
20				24								
21				190								
22												
23												
24										51		
25												
26												
27												
28					62							
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	273	62	52	0	0	0	208	8	0
MEAN	0	0	0	9	2	2	0	0	0	7	0	0
MAX	0	0	0	628	249	209	0	0	0	433	165	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	542	123	103	0	0	0	413	16	0
WTR YR 2017	TOTAL		603	MEAN	2	MAX	628	MIN	0	AC_FT	1197	

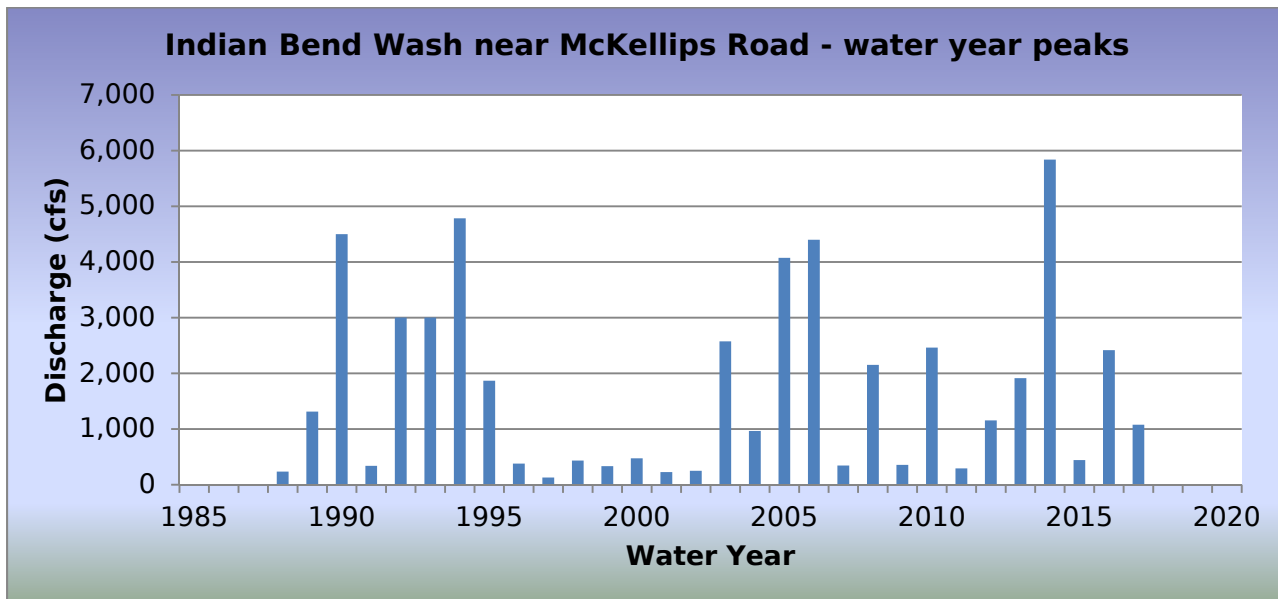
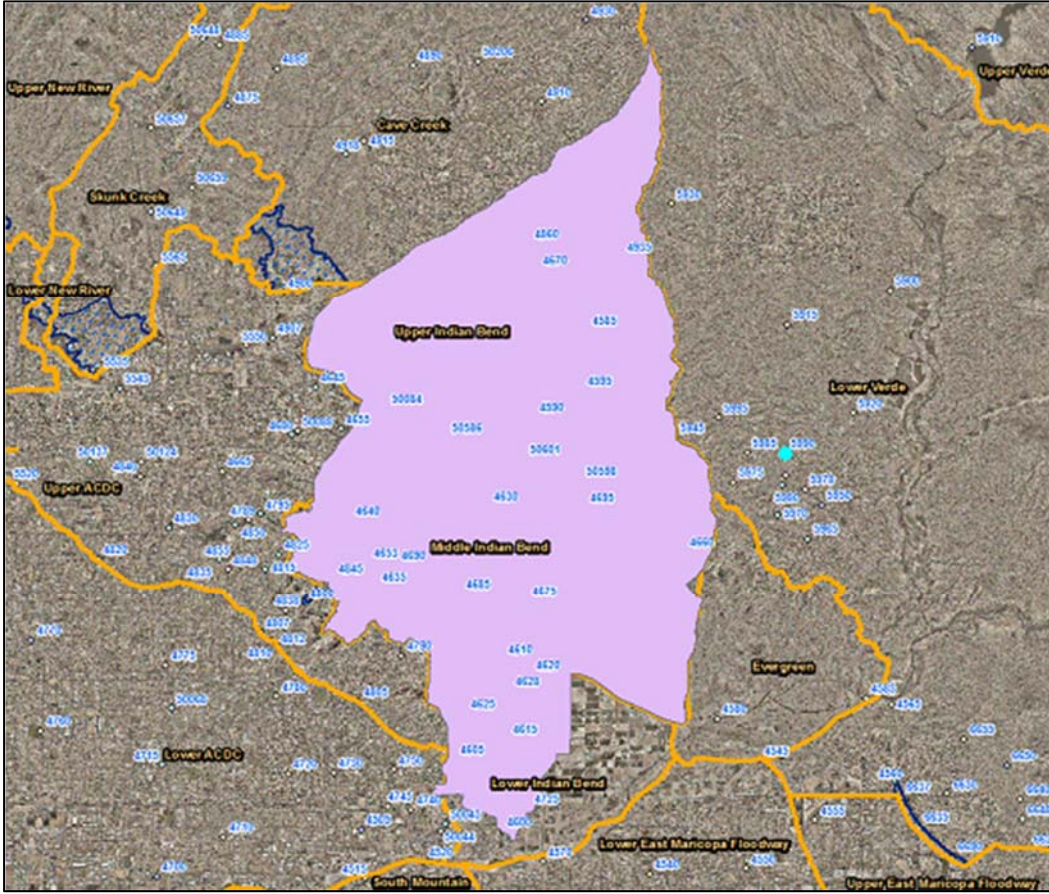
Indian Bend Wash near McKellips Road, ID #4603



Site Data

LOCATION	About 1/3 mile south of McKellips Road
DRAINAGE AREA	101 mi ²
STREAM TYPE	Channelized Natural Ephemeral Stream
JURISDICTION	Tempe, Arizona
WATERSHED	Lower Indian Bend
SECTION/TOWNSHIP/RANGE	S11 T1N R4E
LATITUDE	N 33° 26' 57.2" +33.44923
LONGITUDE	W 111° 54' 53.3" -111.91482
STREAMGAGE INSTALLATION DATE	05/21/1985 - WY 1985
AVAILABLE PERIOD OF RECORD (POR)	11/10/1987 - Current
LENGTH OF AVAILABLE POR DATA	29.89 Years 10,918 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.00 feet Gage Height
ZERO GAGE HEIGHT ELEVATION	1,173.99 feet Gage NAVD 1988
POINT OF ZERO FLOW	0.00 feet Gage Height
EXTREME FOR PERIOD OF RECORD	5,841 cfs 6.90 feet 09/08/2014

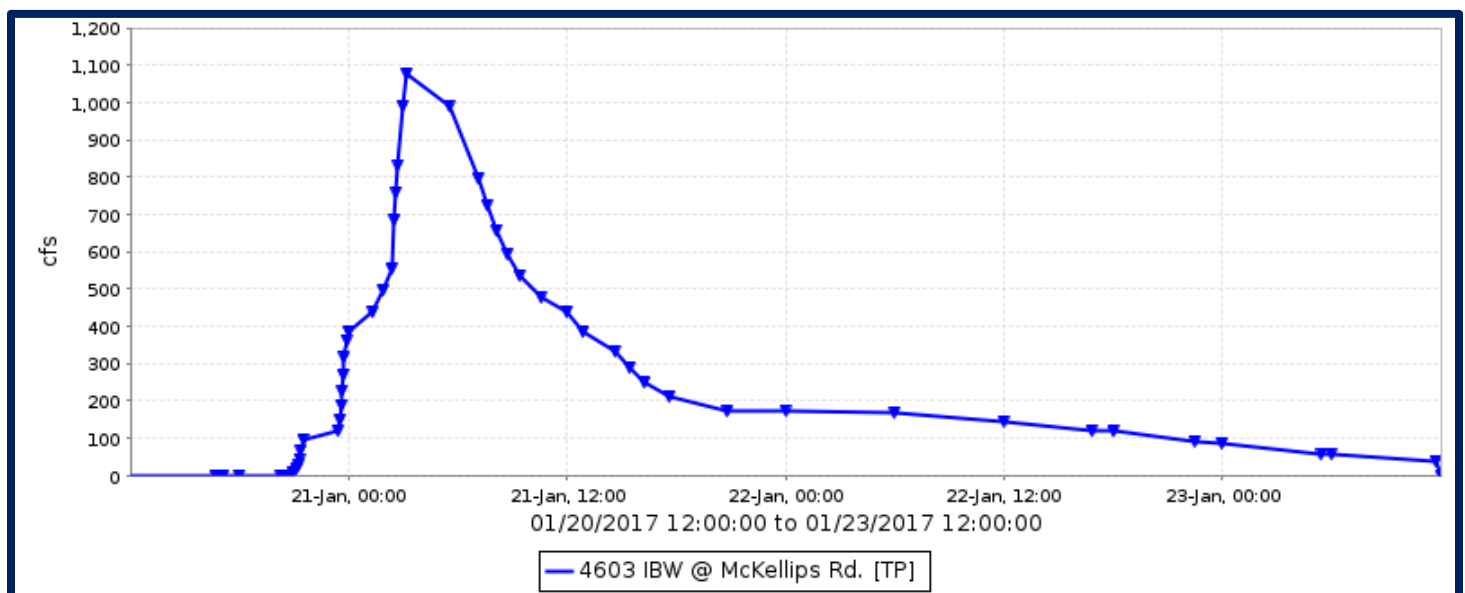
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
12/22/2016	1.05	113
01/21/2017	2.81	1,076
02/19/2017	1.07	118
03/01/2017	1.38	208
07/17/2017	1.71	344
07/24/2017	1.54	269
08/03/2017	2.06	536
08/24/2017	1.05	113

Hydrograph of peak WY 2017 flow event, 01/21/2017



Flood Flow Frequency

Flood Flow Frequency N=30, HEC-WRC computation (based on 30 years of data)					
2-year	5-year	10-year	20-year	50-year	100-year
1,010	2,610	4,260	6,360	9,930	13,300

Indian Bend Wash near McKellips Road, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1						130						
2						6						
3											123	
4											116	
5											26	
6											10	
7												
8											1	
9								9			2	
10								37				
11								19				
12											3	
13											10	
14											5	
15										6	4	
16										29		
17										285		
18					7					185		
19		---			83					77		
20		---		14	60					40		
21		---	---	489	69					34		
22			22	149	28					15		
23				35	17					6	4	
24					7					98	44	
25					1					94	7	
26										16		
27		1										
28					16							
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	1	22	688	289	136	0	65	0	884	355	0
MEAN	0	0	1	23	10	4	0	2	0	29	11	0
MAX	0	13	113	1076	118	208	0	41	0	344	536	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	2	44	1365	573	270	0	130	0	1753	704	0
WTR YR 2017	TOTAL	2441	MEAN	7	MAX	1076	MIN	0	AC_FT	4841		

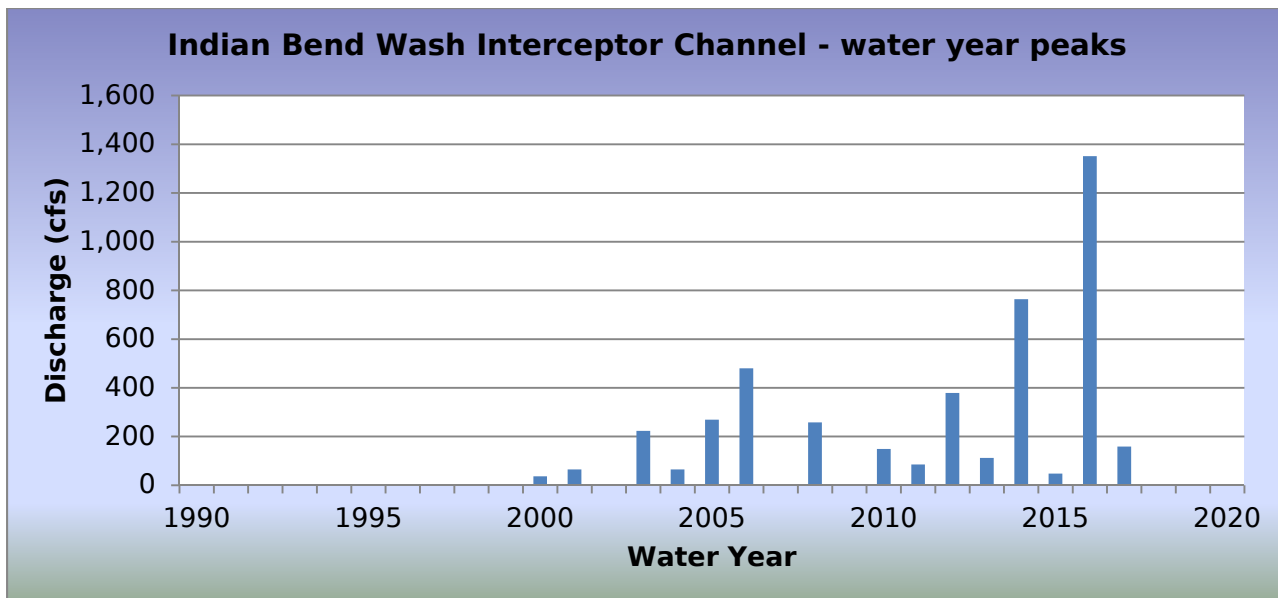
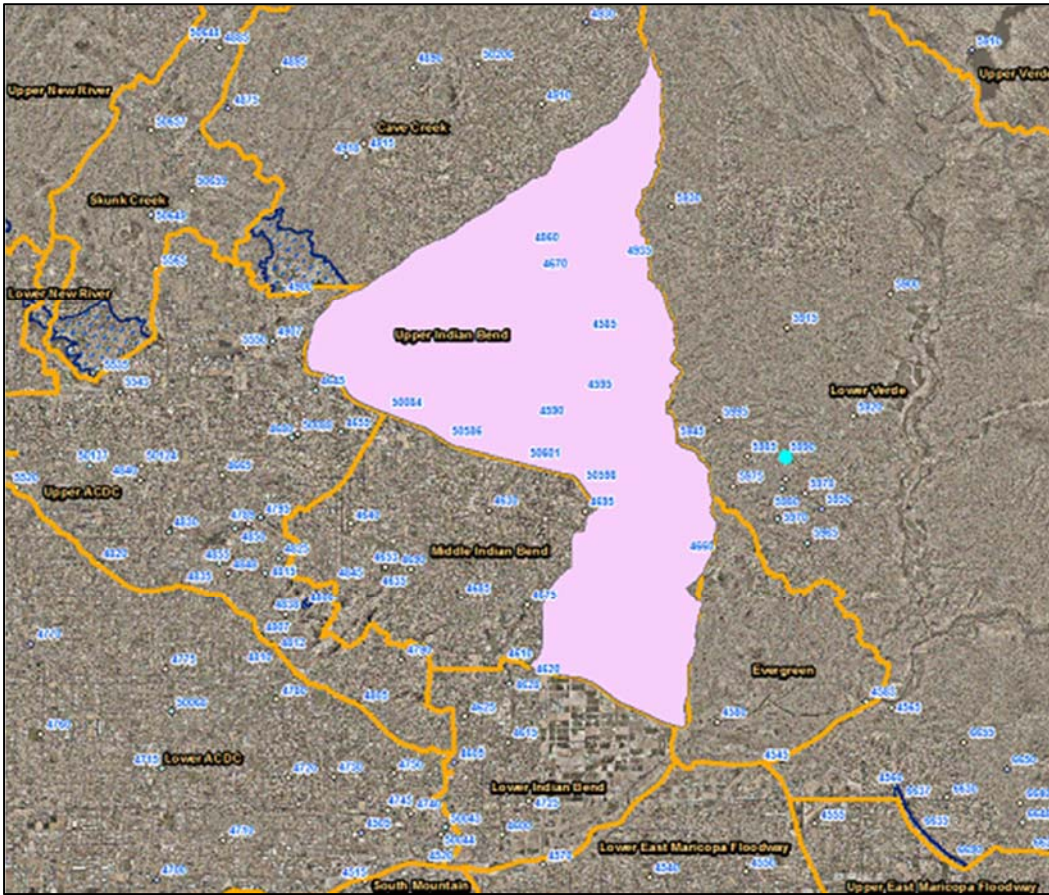
Indian Bend Wash Interceptor Channel – ID #4623



Site Data

LOCATION	Between Pima and Hayden Roads north of the Arizona Canal
DRAINAGE AREA	35 mi ²
STREAM TYPE	Engineered Channel
JURISDICTION	Scottsdale, Arizona
WATERSHED	Lower Indian Bend
SECTION/TOWNSHIP/RANGE	S12 T2N R4E
LATITUDE	N 33° 31' 59.4" +33.53317
LONGITUDE	W 111° 53' 52.4" -111.89789
STREAMGAGE INSTALLATION DATE	04/21/1994 - WY 1994
AVAILABLE PERIOD OF RECORD (POR)	04/21/1994 - Current
LENGTH OF AVAILABLE POR DATA	23.45 Years 8,564 Days
DATA GAPS IN POR	06/16/1999 - 01/11/2000
STAGE GAGE ELEVATION	0.00 feet Gage Height
ZERO GAGE HEIGHT ELEVATION	1,266.47 feet NAVD 1988
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	1,351 cfs 5.43 feet 08/02/2016

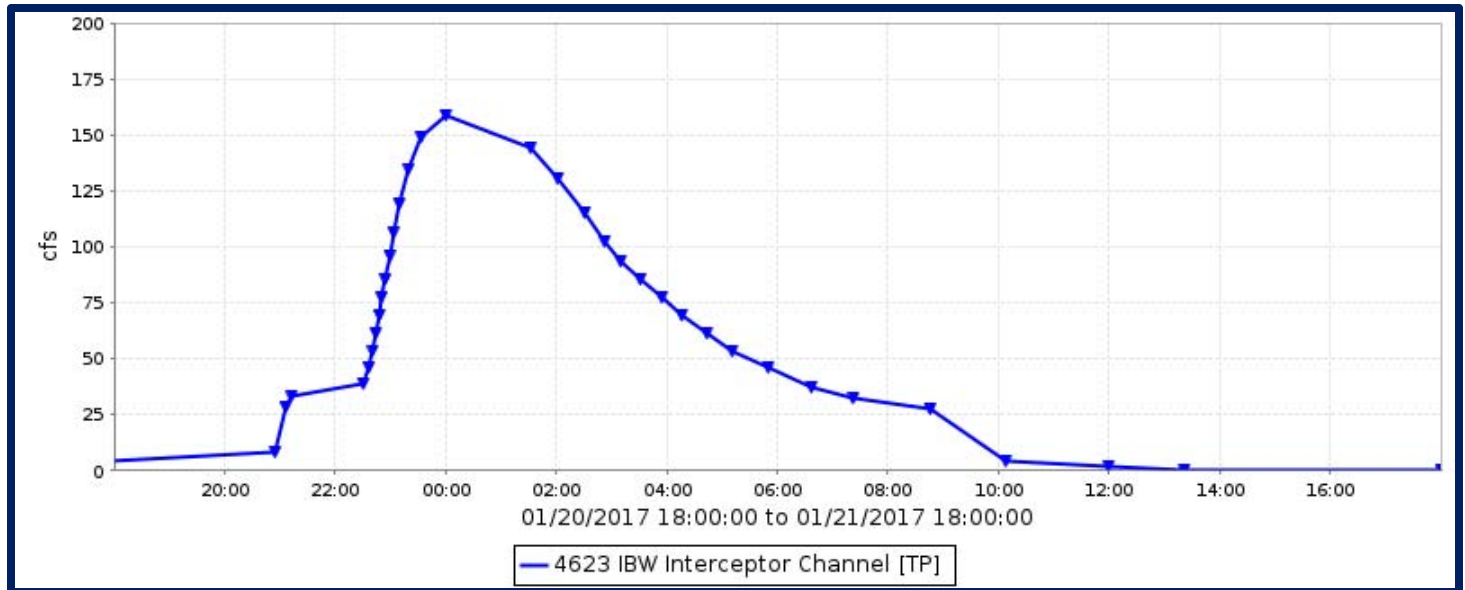
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
01/21/2017	1.84	159
07/16/2017	0.55	35
07/17/2017	0.57	36
07/24/2017	1.10	75

Hydrograph of peak WY 2017 flow event, 01/21/2017



Flood Flow Frequency

Flood Flow Frequency N=24, HEC-WRC computation (based on 24 years of data)					
2-year	5-year	10-year	20-year	50-year	100-year
46	249	583	1,160	2,450	3,990

Indian Bend Wash Interceptor Channel, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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										1		
17										6		
18												
19												
20				9								
21				33								
22												
23												
24										19		
25												
26												
27												
28												
29												
30												
31		---						---		---		---
TOTAL	0	0	0	42	0	0	0	0	0	26	0	0
MEAN	0	0	0	1	0	0	0	0	0	1	0	0
MAX	0	0	0	159	0	0	0	0	0	75	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	84	0	0	0	0	0	52	0	0
WTR YR 2017	TOTAL	69	MEAN	0	MAX	159	MIN	0	AC_FT	136		

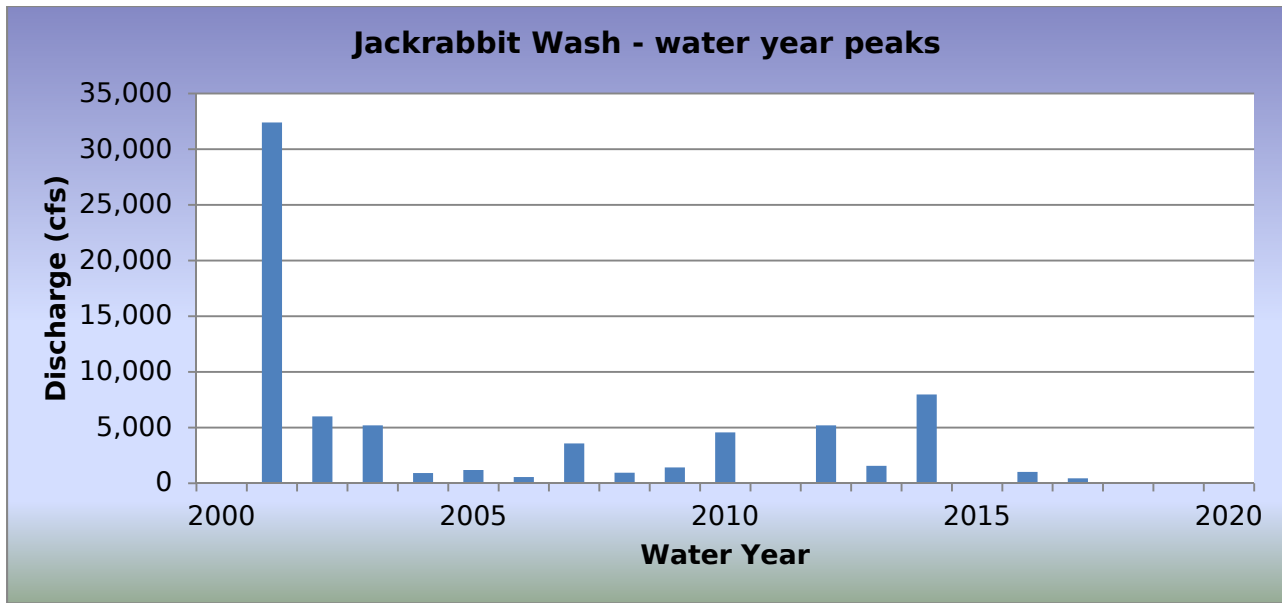
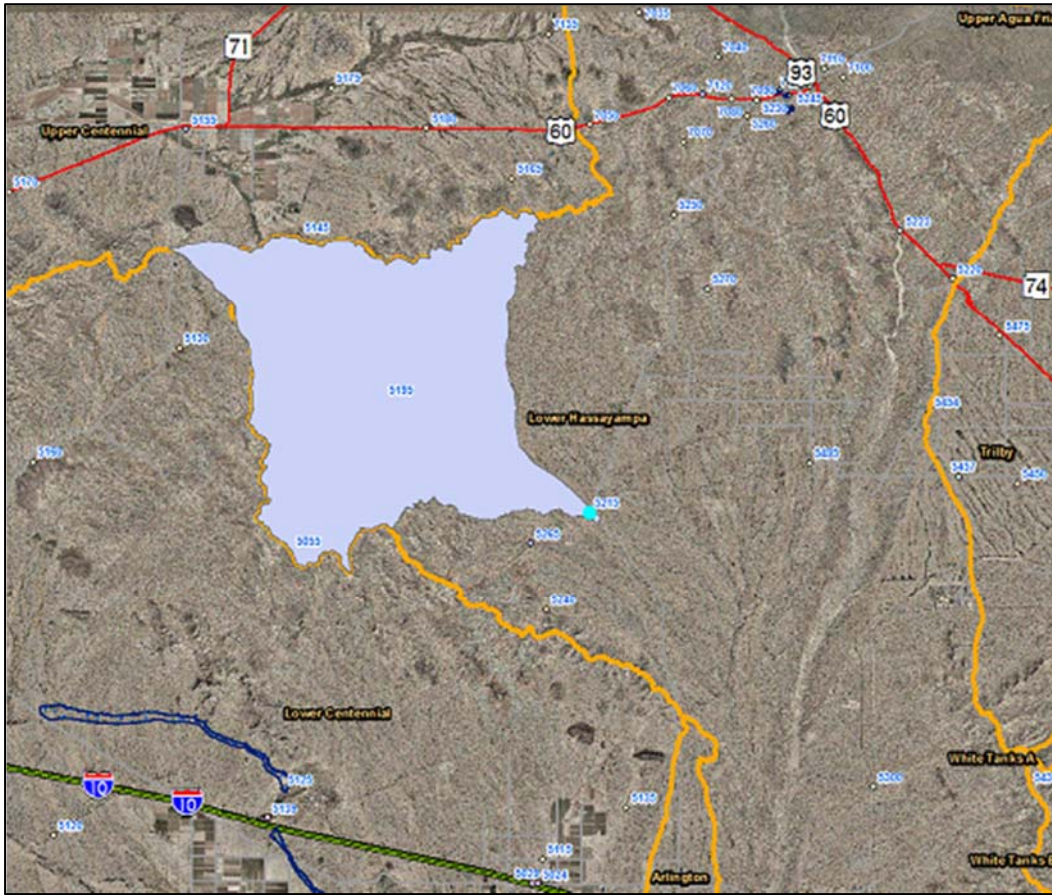
Jackrabbit Wash, ID #5218



Site Data

LOCATION	Located near the intersection of Vulture Mine and Wickenburg Roads
DRAINAGE AREA	120 mi ²
STREAM TYPE	Natural Stream
JURISDICTION	Maricopa County, Arizona
WATERSHED	Lower Hassayampa
SECTION/TOWNSHIP/RANGE	S04 T4N R6W
LATITUDE	N 33° 42' 55.6" +33.71543
LONGITUDE	W 112° 52' 54.4" -112.88179
STREAMGAGE INSTALLATION DATE	10/31/2000 - WY 2001
AVAILABLE PERIOD OF RECORD (POR)	10/31/2000 - Current
LENGTH OF AVAILABLE POR DATA	16.92 Years 6,179 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	2.30 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	1,686.80 feet NAVD 1988
POINT OF ZERO FLOW	0.7 feet Gage Height
EXTREME FOR PERIOD OF RECORD	7,974 cfs 6.18 feet 09/09/2014
EXTREME OUTSIDE PERIOD OF RECORD	32,400 cfs 9.90 feet 10/27/2000

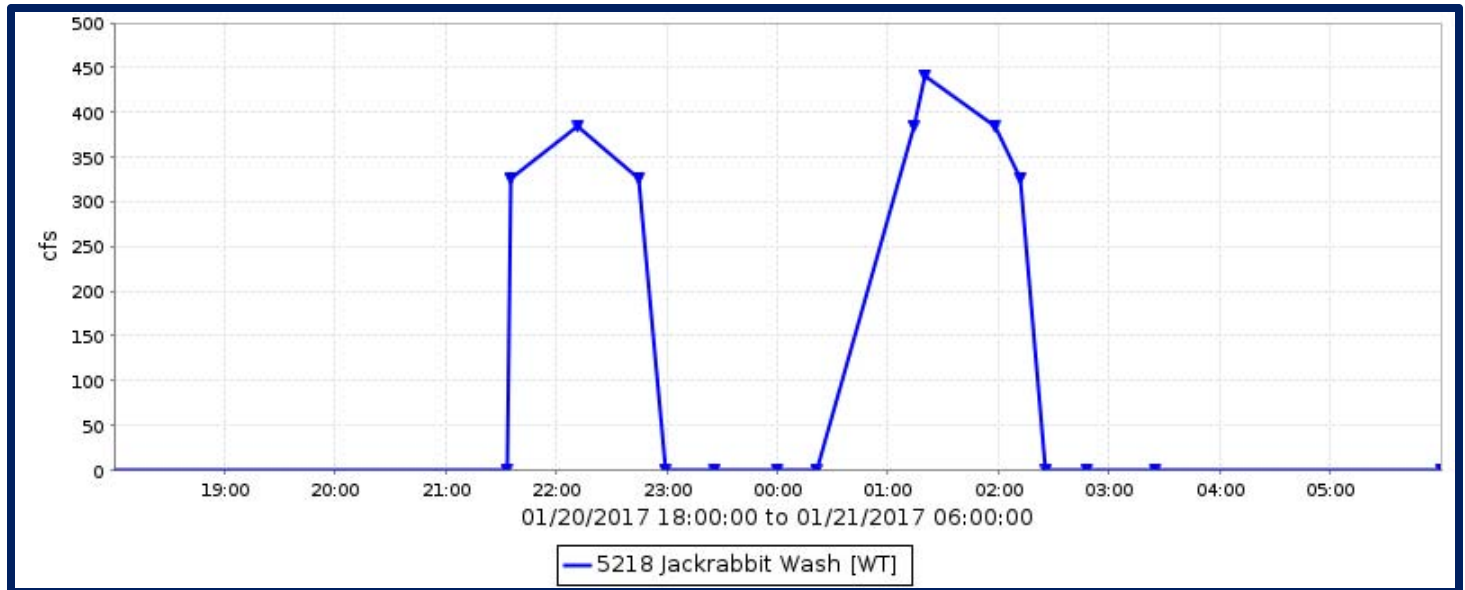
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
10/13/2016	2.49	384
01/20/2017	2.49	384
01/21/2017	2.59	440
02/28/2017	2.36	307

Hydrograph of peak WY 2017 flow event, 01/21/2017



Flood Flow Frequency

Flood Flow Frequency N=44, HEC-WRC computation (based on 44 years of data)					
2-year	5-year	10-year	20-year	50-year	100-year
1,020	4,760	9,810	17,100	30,700	44,300

NOTE: These results are based on limited data.

Jackrabbit Wash, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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	26											
14												
15												
16												
17												
18												
19												
20				20								
21				20								
22												
23												
24												
25												
26												
27												
28												
29							---					
30							---					
31		---					---		---			---
TOTAL	26	0	0	40	0	0	0	0	0	0	0	0
MEAN	1	0	0	1	0	0	0	0	0	0	0	0
MAX	384	0	0	440	0	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	52	0	0	80	0	0	0	0	0	0	0	0
WTR YR 2017	TOTAL		67	MEAN	0	MAX	440	MIN	0	AC_FT	133	

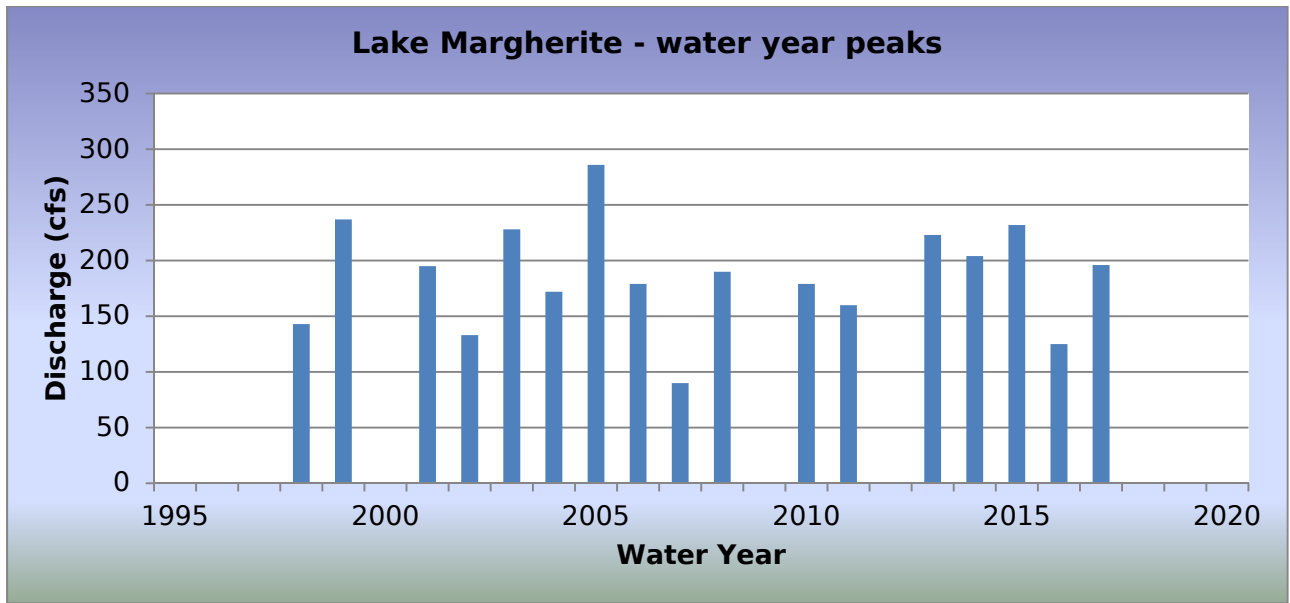
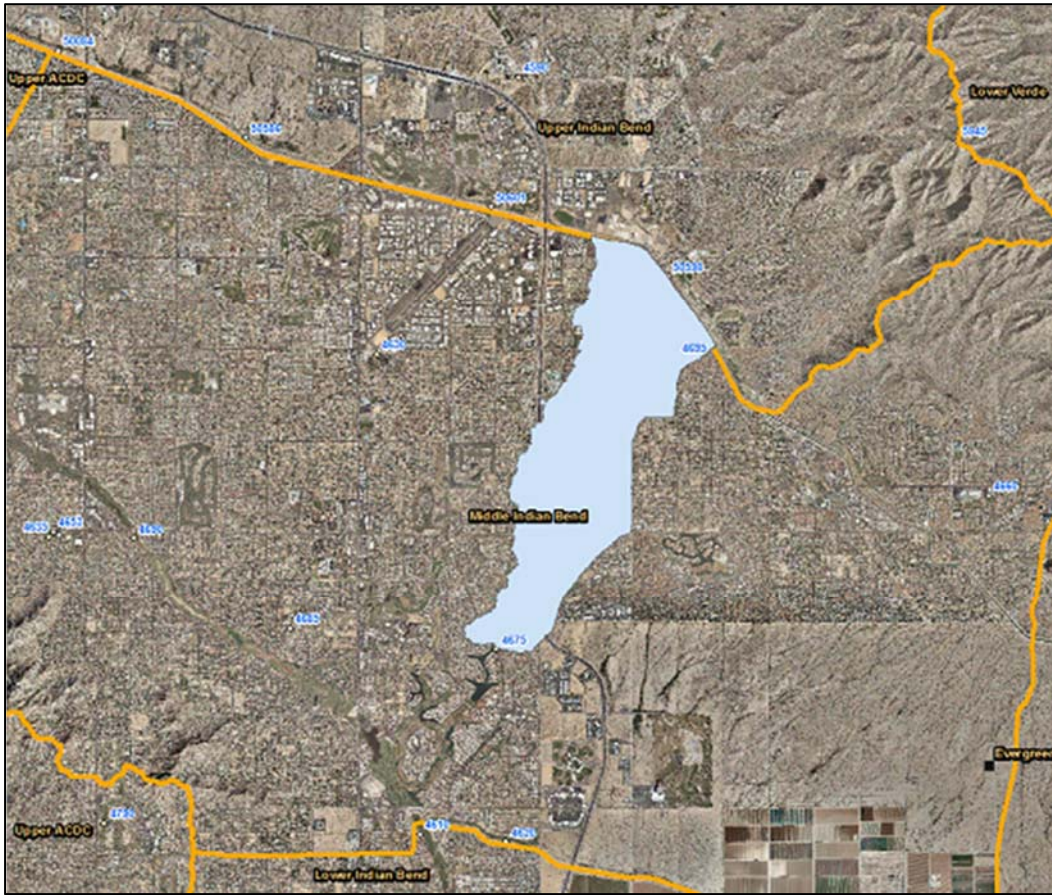
Lake Margherite – ID #4678



Site Data

LOCATION	On Hayden Road about 1/4 mile south of Via Linda
DRAINAGE AREA	4.91 mi ²
STREAM TYPE	Engineered Channel
JURISDICTION	Scottsdale, Arizona
WATERSHED	Lower Indian Bend
SECTION/TOWNSHIP/RANGE	S36 T3N R4E
LATITUDE	N 33° 33' 49.2" +33.56367
LONGITUDE	W 111° 53' 59.0" -111.89972
STREAMGAGE INSTALLATION DATE	11/24/1997 - WY 1998
AVAILABLE PERIOD OF RECORD (POR)	11/24/1997 - Current
LENGTH OF AVAILABLE POR DATA DATA	19.85 Years 7,251 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.80 feet Gage Height
ZERO GAGE HEIGHT ELEVATION	1,320.65 feet NAVD 1988
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	286 cfs 2.03 feet 08/02/2005

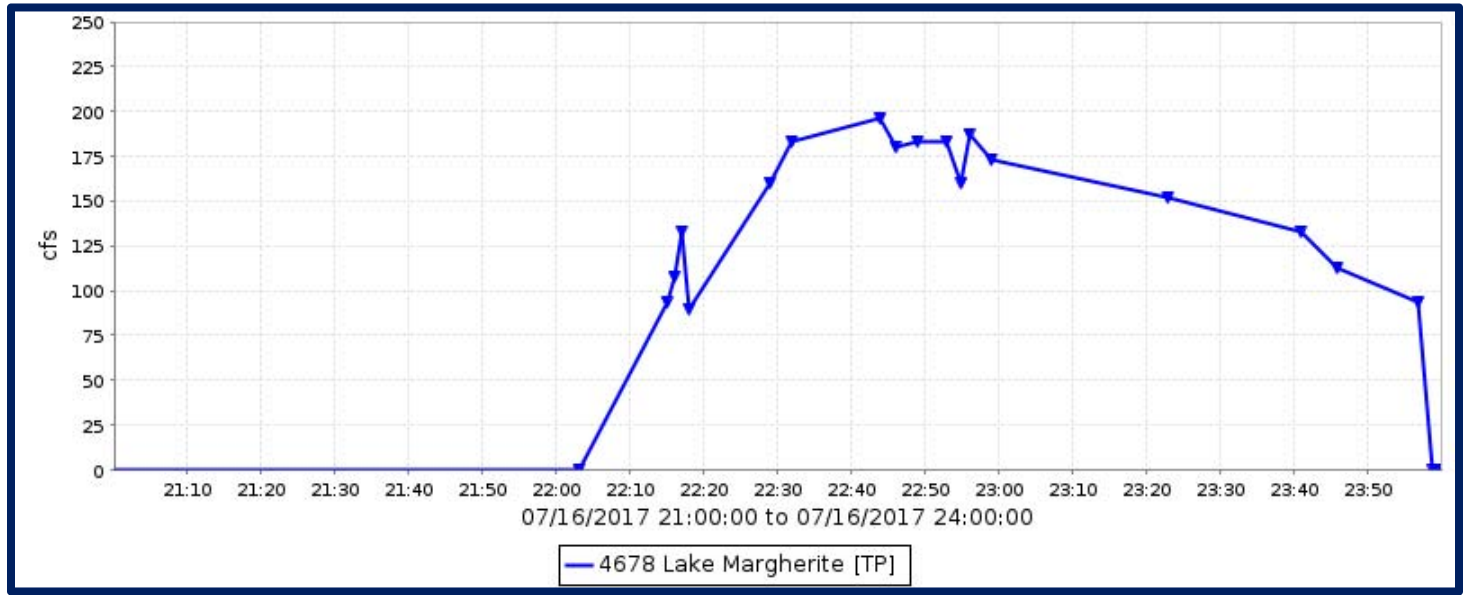
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
07/16/2017	1.53	196

Hydrograph of peak WY 2017 flow event, 07/16/2017



Flood Flow Frequency

Unavailable at this time.

Lake Margherite, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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	17											
14												
15												
16										11		
17												
18												
19												
20												
21												
22												
23								---				
24												
25												
26												
27												
28					12							
29					---							
30					---							
31		---			---		---		---			---
TOTAL	17	0	0	0	12	0	0	0	0	11	0	0
MEAN	1	0	0	0	0	0	0	0	0	0	0	0
MAX	93	0	0	0	100	0	0	0	0	196	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	34	0	0	0	25	0	0	0	0	22	0	0
WTR YR 2017	TOTAL		40	MEAN	0	MAX	196	MIN	0	AC_FT		80

Laveen Basin, ID #4578



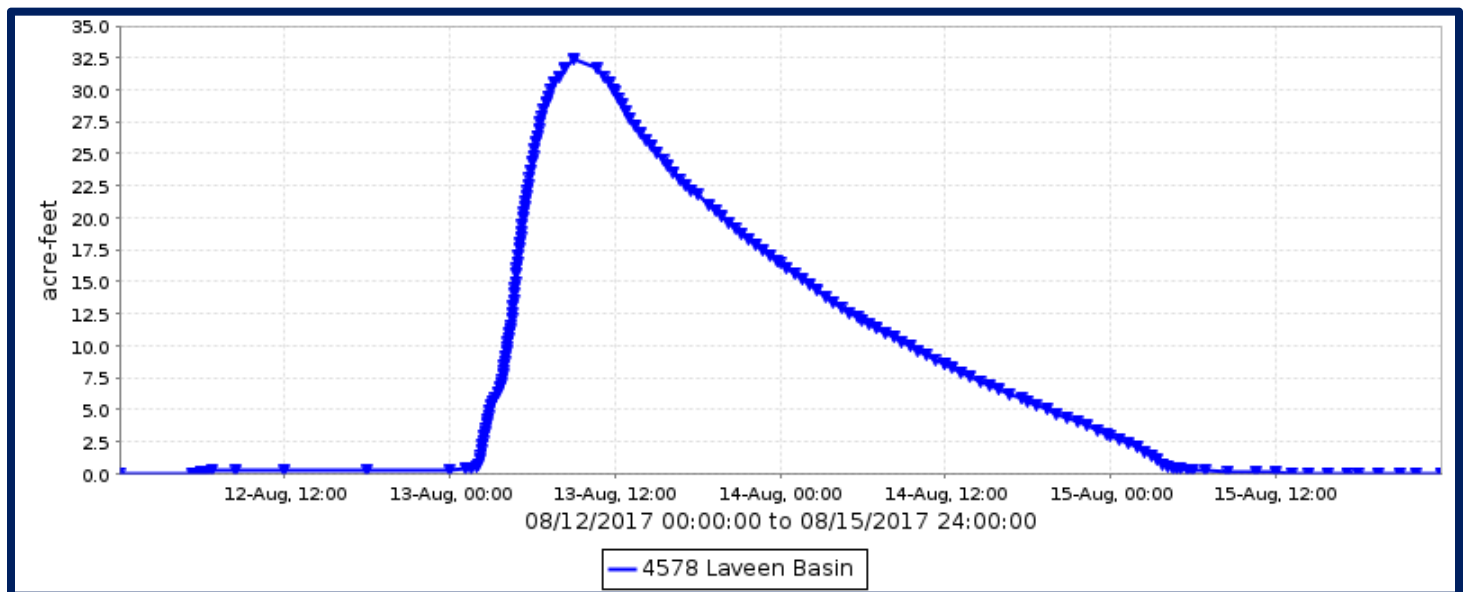
Site Data

LOCATION	Located near 43rd Avenue and Southern Avenue
DRAINAGE AREA	Not Determined
STREAM TYPE	Flood control basin
JURISDICTION	Phoenix, Arizona
WATERSHED	South Mountain
SECTION/TOWNSHIP/RANGE	S34 T1N R2E
LATITUDE	N 33° 23' 25.2" +33.39033
LONGITUDE	W 112° 09' 02.6" -112.15072
STREAMGAGE INSTALLATION DATE	11/07/2006 - WY 2007
AVAILABLE PERIOD OF RECORD (POR)	11/07/2006 - Current
LENGTH OF AVAILABLE POR DATA	10.90 Years 3,981 Days
DATA GAPS IN POR	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.20 feet Gage Height
ZERO GAGE HEIGHT ELEVATION	1,001.20 feet M.S.L.
POINT OF ZERO FLOW	0.00 feet Gage Height
SPILLWAY CREST ELEVATION	20.0 feet Gage Height
TOP OF BASIN ELEVATION	21.2 feet Gage Height

WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
12/22/2016	3.06	4.6	3.3
01/01/2017	3.04	4.5	3.3
01/21/2017	3.04	4.5	3.3
02/19/2017	3.09	4.7	3.4
02/28/2017	2.64	3.2	2.3
07/15/2017	1.34	0.3	0.2
08/13/2017	9.55	32.3	23.1
08/23/2017	1.02	0.1	0.1

Hydrograph of peak WY 2017 impoundment event, 08/13/2017



Laveen Basin, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values														
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP			
1				7	2	8									
2				9	2	8									
3				8	1	7									
4				7	1	7									
5				4	1	6									
6				1	1	5									
7						3									
8						1									
9															
10															
11															
12															
13											11				
14											11				
15											1				
16															
17															
18						3									
19						10									
20						9									
21				10	9										
22			7	9	8										
23			9	9	8										
24			9	9	7										
25			9	9	7										
26			8	8	6										
27			7	7	5										
28			3	7	8										
29				6	---										
30				4	---										
31		---	6	2	---		---		---			---			
TOTAL	0	0	60	118	87	46	0	0	0	0	24	0			
MEAN	0	0	2	4	3	1	0	0	0	0	1	0			
MAX	0	0	10	10	10	11	0	0	0	0	12	0			
MIN	0	0	0	0	0	0	0	0	0	0	0	0			
AC_FT	0	0	118	234	172	92	0	0	0	0	47	0			
WTR YR 2017	TOTAL		334	MEAN		1	MAX		12	MIN		0	AC_FT		663

Laveen Basin, volume data

Volume, in acre-feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				2		3						
2				4		2						
3				3		2						
4				2		1						
5				1		1						
6						1						
7												
8												
9												
10												
11												
12												
13											21	
14											9	
15												
16												
17												
18						1						
19						5						
20						4						
21				4	3							
22			3	4	3							
23			4	3	2							
24			4	4	2							
25			4	3	1							
26			3	3	1							
27			1	2								
28				1	2							
29				1	---							
30					---							
31		---	1		---		---		---			---
MEAN	0	0	1	1	1	0	0	0	0	0	1	0
MAX	0	0	5	5	5	6	0	0	0	0	32	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2017	MEAN		0	MAX	32	MIN	0					

Laveen Basin, stage data

Depth, in feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.2	0.2	0.2	2.4	1.6	2.5	0.2	0.2	0.2	0.2	0.2	0.2
2	0.2	0.2	0.2	2.9	1.6	2.4	0.2	0.2	0.2	0.2	0.2	0.2
3	0.2	0.2	0.2	2.6	1.6	2.2	0.2	0.2	0.2	0.2	0.5	0.2
4	0.2	0.2	0.2	2.2	1.6	2.1	0.2	0.2	0.2	0.3	1.1	0.2
5	0.2	0.2	0.2	1.8	1.5	1.9	0.2	0.2	0.2	0.3	0.9	0.2
6	0.2	0.2	0.2	1.5	1.5	1.8	0.2	0.2	0.2	0.3	0.8	0.2
7	0.2	0.2	0.2	1.4	0.8	1.7	0.2	0.2	0.2	0.5	0.7	0.2
8	0.2	0.2	0.2	1.4	0.7	1.5	0.2	0.2	0.2	0.3	0.6	0.2
9	0.2	0.2	0.2	1.4	0.7	1.4	0.2	0.2	0.2	0.3	0.5	0.2
10	0.2	0.2	0.2	1.3	0.7	1.3	0.2	0.2	0.2	0.3	0.4	0.2
11	0.2	0.2	0.2	1.3	0.7	0.7	0.2	0.2	0.2	0.3	0.3	0.2
12	0.2	0.2	0.2	1.3	0.7	0.2	0.2	0.2	0.2	0.3	1.1	0.2
13	0.2	0.2	0.2	1.3	0.7	0.2	0.2	0.2	0.2	0.3	7.0	0.2
14	0.2	0.2	0.2	1.3	0.7	0.2	0.2	0.2	0.2	0.3	4.4	0.2
15	0.2	0.2	0.2	1.3	0.7	0.2	0.2	0.2	0.2	0.5	1.1	0.2
16	0.2	0.2	0.2	1.3	0.7	0.2	0.2	0.2	0.2	0.7	0.2	0.2
17	0.2	0.2	0.2	1.4	0.7	0.2	0.2	0.2	0.2	0.7	0.2	0.2
18	0.2	0.2	0.2	1.4	1.4	0.2	0.2	0.2	0.2	0.5	0.2	0.2
19	0.2	0.2	0.2	1.3	3.1	0.2	0.2	0.2	0.2	0.5	0.2	0.2
20	0.2	0.2	0.2	1.4	2.9	0.2	0.2	0.2	0.2	0.2	0.2	0.2
21	0.2	0.2	0.2	3.0	2.7	0.2	0.2	0.2	0.2	0.2	0.2	0.2
22	0.2	0.2	2.6	2.9	2.5	0.2	0.2	0.2	0.2	0.2	0.2	0.2
23	0.2	0.2	2.9	2.7	2.3	0.2	0.2	0.2	0.2	0.2	0.3	0.2
24	0.2	0.2	2.7	2.8	2.2	0.2	0.2	0.2	0.2	0.2	0.4	0.2
25	0.2	0.2	2.8	2.7	2.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2
26	0.2	0.2	2.5	2.4	1.9	0.2	0.2	0.2	0.2	0.2	0.2	0.2
27	0.2	0.2	2.1	2.2	1.8	0.2	0.2	0.2	0.2	0.2	0.2	0.2
28	0.2	0.2	1.7	2.0	2.4	0.2	0.2	0.2	0.2	0.2	0.2	0.2
29	0.2	0.2	1.4	1.8	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2
30	0.2	0.2	1.4	1.7	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2
31	0.2	---	1.9	1.6	---	0.2	---	0.2	---	0.2	0.2	---
MEAN	0.2	0.2	0.8	1.9	1.5	0.8	0.2	0.2	0.2	0.3	0.8	0.2
MAX	0.2	0.2	3.1	3.0	3.1	3.5	0.2	0.2	0.2	1.3	9.6	0.2
MIN	0.2	0.2	0.2	1.2	0.6	0.2	0.2	0.2	0.2	0.2	0.2	0.2
WTR YR 2017	MEAN	0.60	MAX	9.55	MIN	0.20						

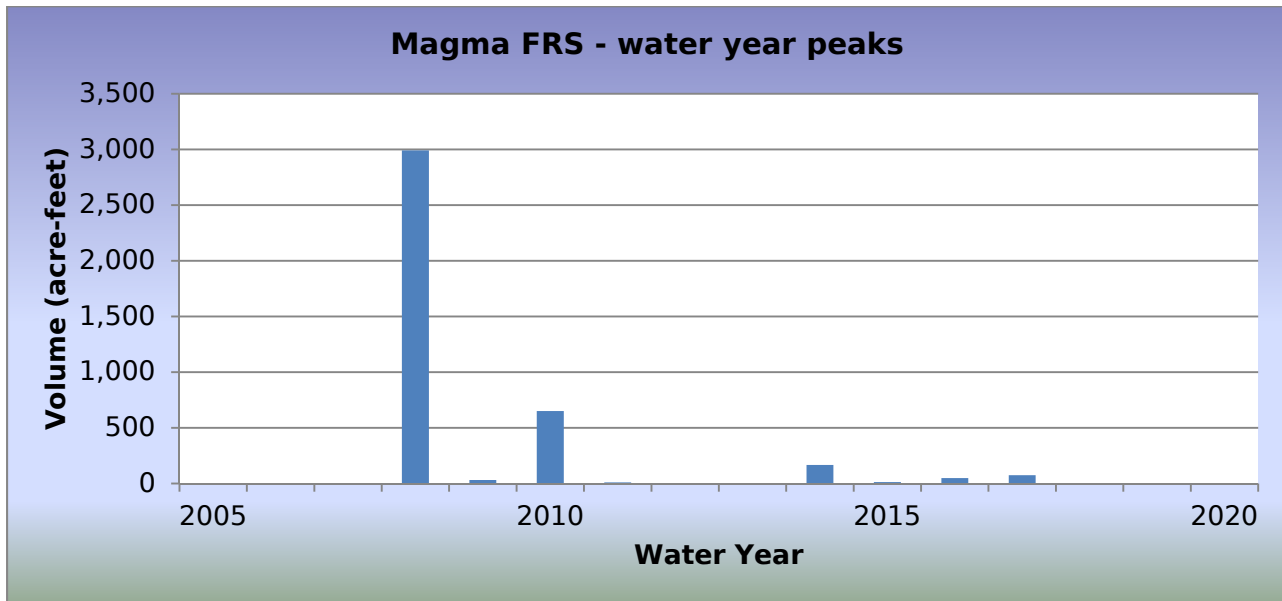
Magma FRS, ID #6718



Site Data

LOCATION	Located east of Hunt Highway along Arizona Farms Road
DRAINAGE AREA	20.6 mi ²
STREAM TYPE	Dam of natural drainage
JURISDICTION	Florence, Arizona
WATERSHED	Gila / Queen Creek
SECTION/TOWNSHIP/RANGE	S35 T3S R9E
LATITUDE	N 33° 07' 11.2" +33.11978
LONGITUDE	W 111° 24' 08.9" -111.40248
STREAMGAGE INSTALLATION DATE	11/15/2007 - WY 2008
AVAILABLE PERIOD OF RECORD (POR)	11/15/2007 - Current Day
LENGTH OF AVAILABLE POR RECORD	9.88 Years 3,608 Days
DATA GAPS IN POR	04/12/2012 - 11/03/2013
STAGE GAGE ELEVATION	1,601.30 feet NAVD 1988
STAFF GAGES	1
ZERO GAGE HEIGHT ELEVATION	1,601.00 feet NAVD 1988
POINT OF ZERO FLOW	1,601.50 feet NAVD 1988
SPILLWAY ELEVATION	1,623.20 feet NAVD 1988
TOP OF DAM ELEVATION	1,628.30 feet NAVD 1988
NORMAL DRAWDOWN RATE	-0.25 feet per hour

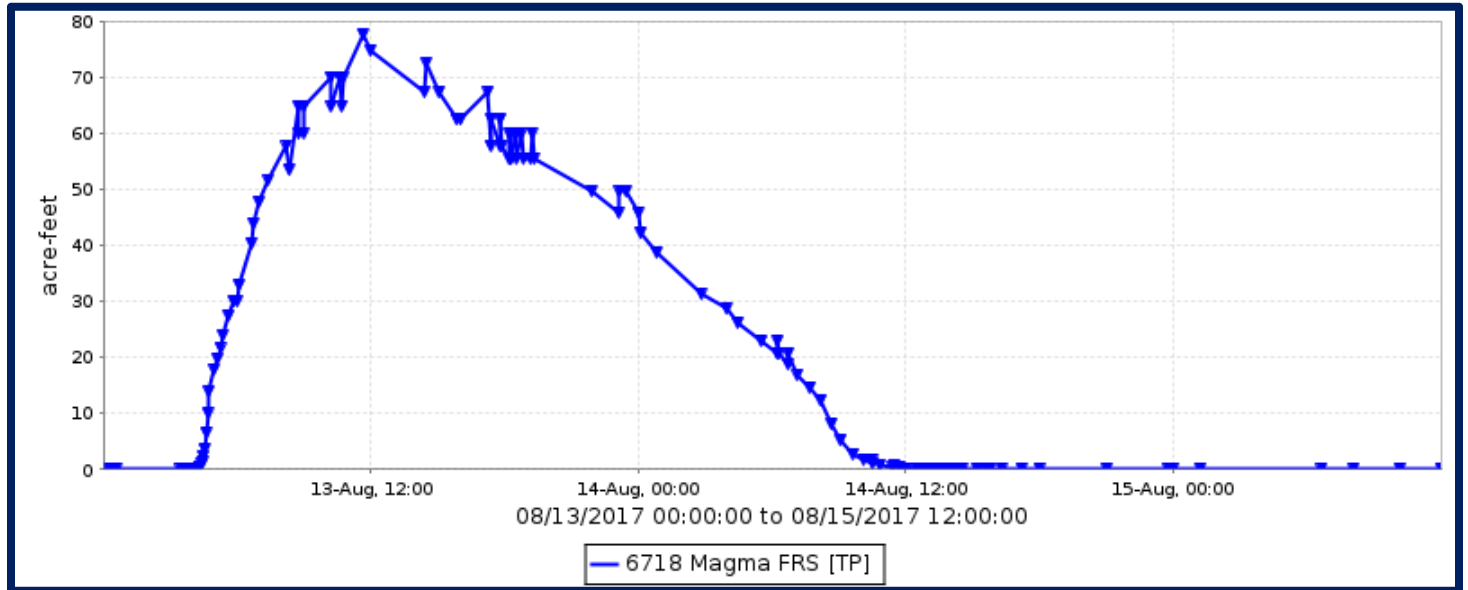
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
01/21/2017	4.52	22.7	0.4
01/23/2017	3.30	0.5	0.0
07/24/2017	3.00	0.1	0.1
08/13/2017	5.98	74.8	1.3

Hydrograph of peak WY 2017 impoundment event, 08/13/2017



Magma FRS, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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											39	
14											19	
15												
16												
17												
18												
19												
20												
21				28								
22				2								
23				1								
24				6						7		
25										4		
26												
27												
28												
29					---					1		
30					---					2		
31		---			---		---		---			---
TOTAL	0	0	0	37	0	0	0	0	3	12	58	0
MEAN	0	0	0	1	0	0	0	0	0	0	2	0
MAX	0	0	0	37	0	0	0	0	2	21	52	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	73	0	0	0	0	6	23	114	0
WTR YR 2017	TOTAL	109	MEAN	0	MAX	52	MIN	0	AC_FT	216		

Magma FRS, volume data

Volume, in acre-feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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											46	
14											11	
15												
16												
17												
18												
19												
20												
21				10								
22												
23												
24												
25												
26												
27												
28												
29							---					
30							---					
31		---					---		---			---
MEAN	0	0	0	0	0	0	0	0	0	0	2	0
MAX	0	0	0	23	0	0	0	0	0	1	78	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2017	MEAN		0	MAX	78	MIN	0					

Magma FRS, stage data

Depth, in feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
2	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
3	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
4	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
5	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
6	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
7	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
9	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
10	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
11	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
12	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
13	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	4.7	0.8
14	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	3.1	0.8
15	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.0	0.8
16	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
17	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
18	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
19	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
20	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
21	0.8	0.8	0.8	3.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
22	0.8	0.8	0.8	1.4	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
23	0.8	0.8	0.8	1.0	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
24	0.8	0.8	0.8	2.0	0.8	0.8	0.8	0.8	0.8	1.9	0.8	0.8
25	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.9	0.8	0.8
26	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.0	0.8	0.8
27	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.8	0.8
28	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
29	0.8	0.8	0.8	0.8	---	0.8	0.8	0.8	1.6	0.8	0.8	0.8
30	0.8	0.8	0.8	0.8	---	0.8	0.8	0.8	1.8	0.8	0.8	0.8
31	0.8	---	0.8	0.8	---	0.8	---	0.8	---	0.8	0.8	---
MEAN	0.8	0.8	0.8	1.0	0.8	0.8	0.8	0.8	0.9	0.9	1.0	0.8
MAX	0.9	0.8	0.8	4.5	0.8	0.8	0.8	0.8	1.8	3.3	6.0	0.8
MIN	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
WTR YR 2017	MEAN	0.84	MAX	5.98	MIN	0.80						

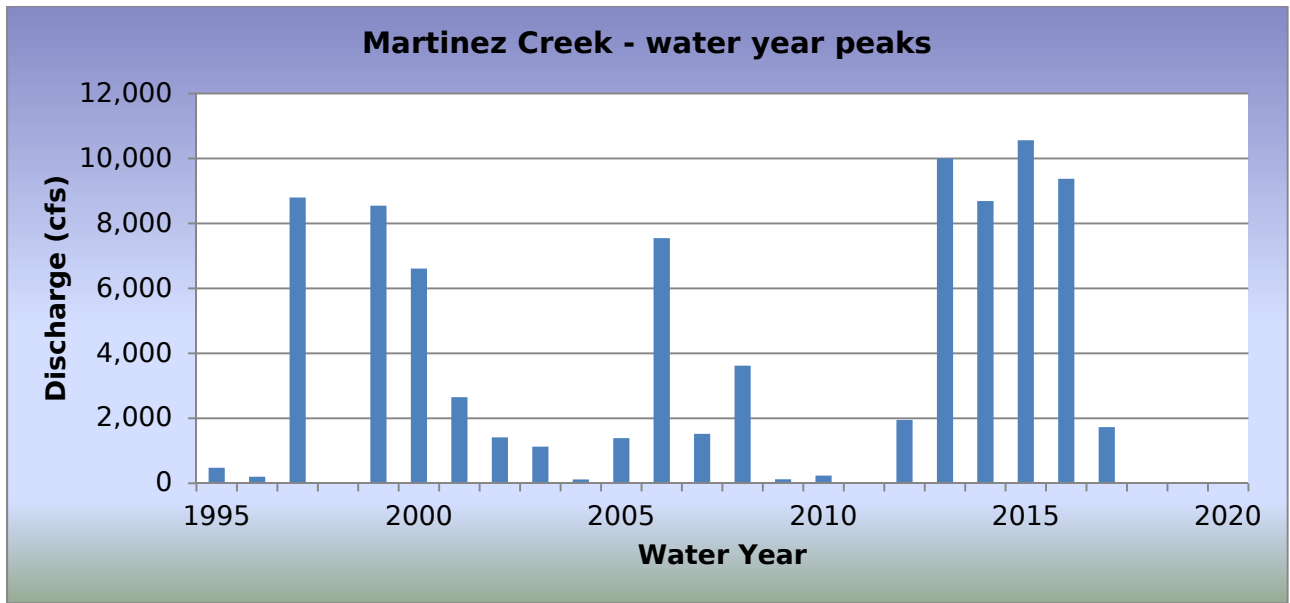
Martinez Creek, ID #7013



Site Data

LOCATION	About a mile northwest of the Scenic Loop Road and US 93 intersection
DRAINAGE AREA	105 mi ²
STREAM TYPE	Natural Stream
JURISDICTION	Yavapai County, Arizona
WATERSHED	Lower Hassayampa
SECTION/TOWNSHIP/RANGE	S20 T8N R5W
LATITUDE	N 34° 01' 41.8" +34.02828
LONGITUDE	W 112° 47' 32.1" -112.79224
STREAMGAGE INSTALLATION DATE	11/23/1994 - WY 1995
AVAILABLE PERIOD OF RECORD (POR)	11/23/1994 - Current
LENGTH OF AVAILABLE POR DATA	22.86 Years 8,348 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	2.80 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	2,305.81 feet NAVD 1988
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	10,562 cfs 11.42 feet 07/18/2015

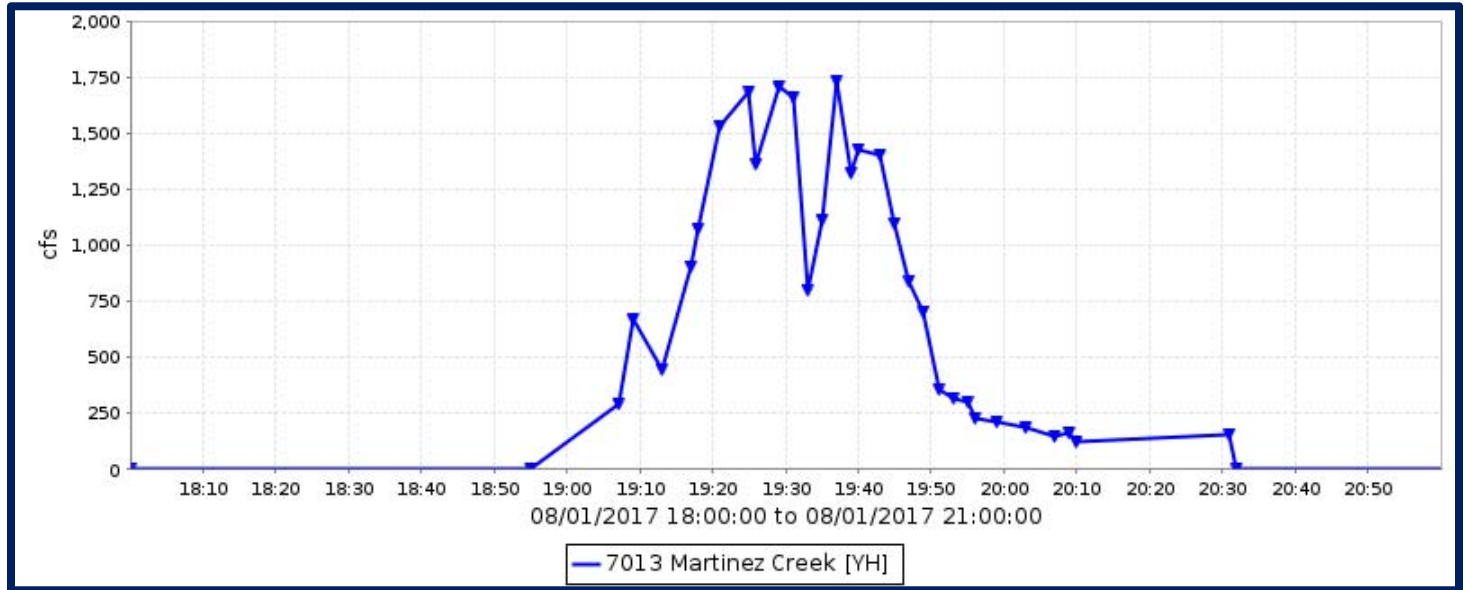
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
01/21/2017	3.99	813
02/28/2017	4.01	840
07/18/2017	3.03	159
08/01/2017	5.03	1,730

Hydrograph of peak WY 2017 flow event, 08/01/2017



Flood Flow Frequency

Flood Flow Frequency N=23, HEC-WRC computation (based on 23 years of data)					
2-year	5-year	10-year	20-year	50-year	100-year
1,770	6,490	12,100	19,500	32,500	44,800

NOTE: These results are based on very limited data.

Martinez Creek, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1											39	
2				---								
3				---								
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16	---											
17												
18										2		
19												
20				2								
21				53								
22												
23												
24												
25												
26												
27												
28					71							
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	55	71	0	0	0	0	2	39	0
MEAN	0	0	0	2	3	0	0	0	0	0	1	0
MAX	0	0	0	813	840	0	0	0	0	159	1730	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	109	142	0	0	0	0	4	77	0
WTR YR 2017	TOTAL	167	MEAN	0	MAX	1730	MIN	0	AC_FT	332		

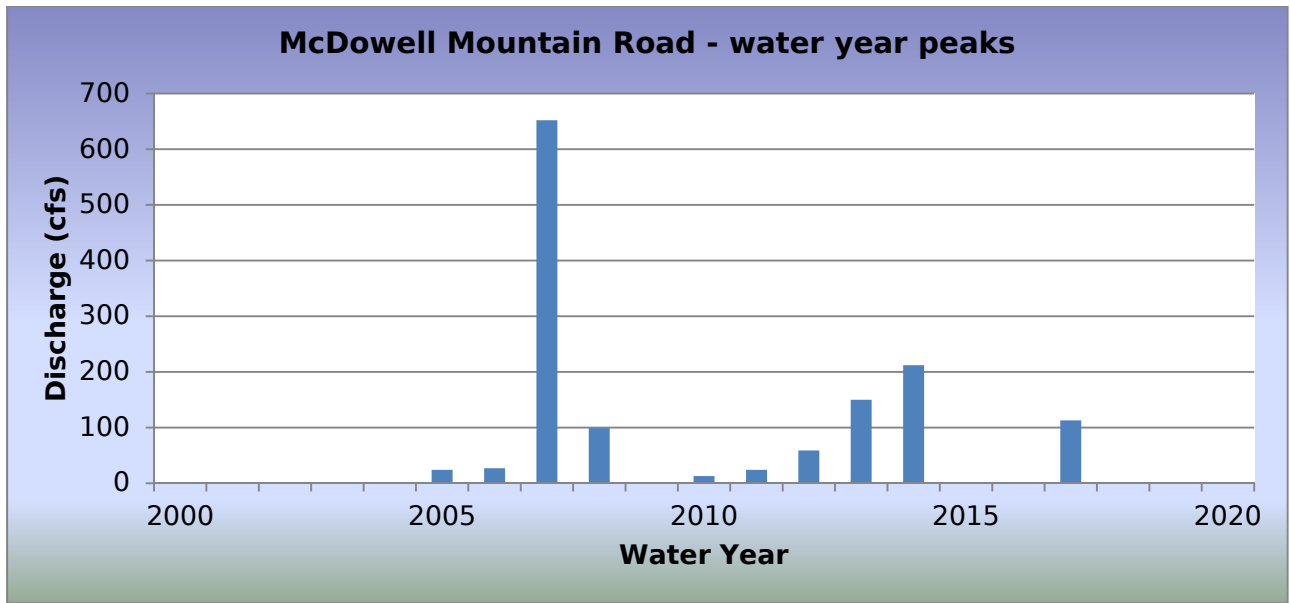
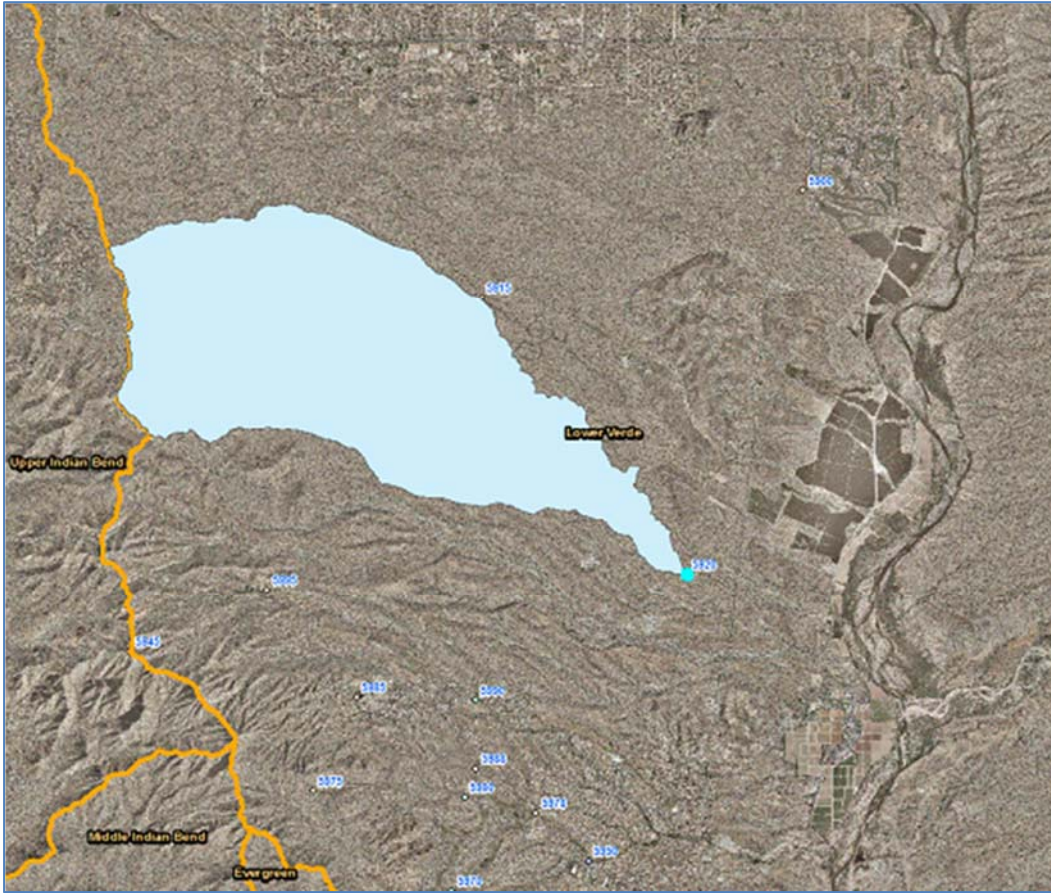
McDowell Mountain Road, ID #5923



Site Data

LOCATION	Located in the southeast part of McDowell Mountain Park
DRAINAGE AREA	11.9 mi ²
STREAM TYPE	Natural Stream
JURISDICTION	Maricopa County, Arizona
WATERSHED	Lower Verde
SECTION/TOWNSHIP/RANGE	S26 T4N R6E
LATITUDE	N 33° 39' 24.1" +33.65667
LONGITUDE	W 111° 42' 22.8" -111.70634
STREAMGAGE INSTALLATION DATE	05/18/2004 - WY 2004
AVAILABLE PERIOD OF RECORD (POR)	05/18/2004 - Current
LENGTH OF AVAILABLE POR DATA	13.37 Years 4,884 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.00 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	0.00 feet Gage Height
POINT OF ZERO FLOW	-0.1 feet Gage Height
EXTREME FOR PERIOD OF RECORD	652 cfs 1.77 feet 07/23/2007

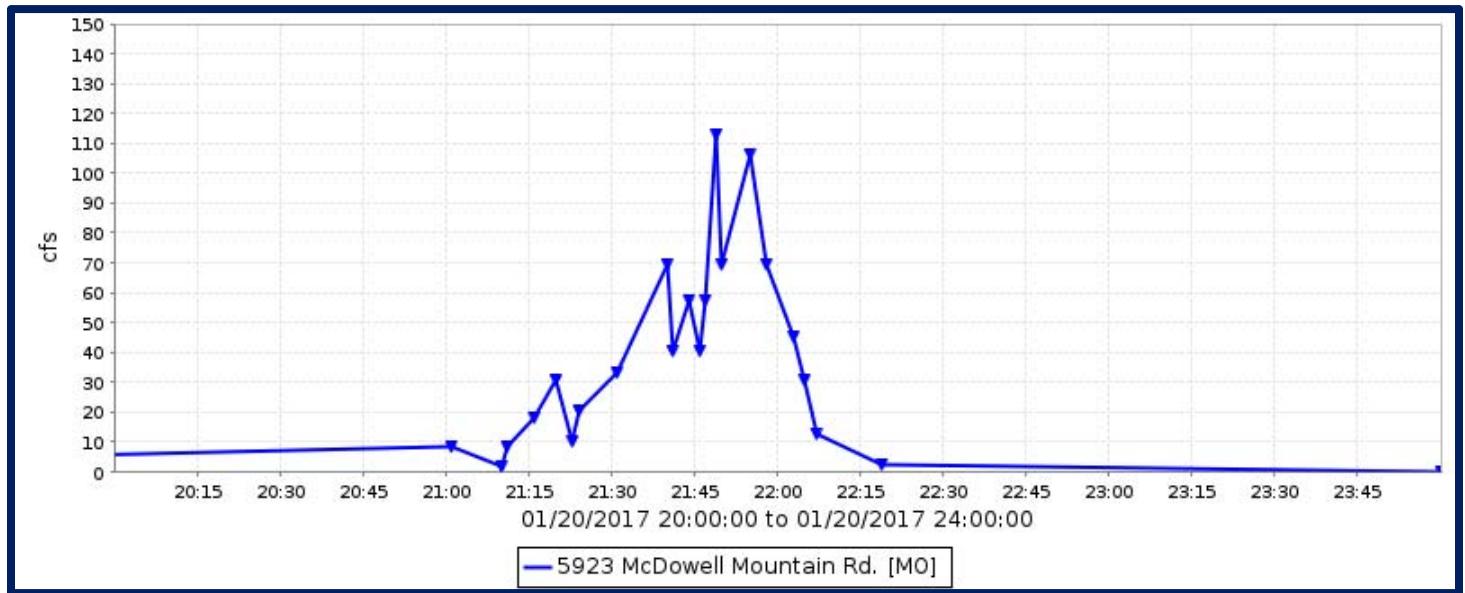
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
12/22/2016	0.32	27
01/20/2017	0.72	113
02/28/2017	0.17	10

Hydrograph of peak WY 2017 flow event, 01/20/2017



Flood Flow Frequency

Flood Flow Frequency N=14, HEC-WRC computation (based on 14 years of data)					
2-year	5-year	10-year	20-year	50-year	100-year
36	130	253	439	815	1,230

NOTE: These results are based on very limited data.

McDowell Mountain Road, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1						2						
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20				2								
21												
22												
23												
24												
25												
26												
27												
28					1							
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	3	1	2	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	27	113	10	38	0	0	7	11	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	1	6	1	3	0	0	0	0	0	0
WTR YR 2017	TOTAL		6	MEAN	0	MAX	113	MIN	0	AC_FT		12

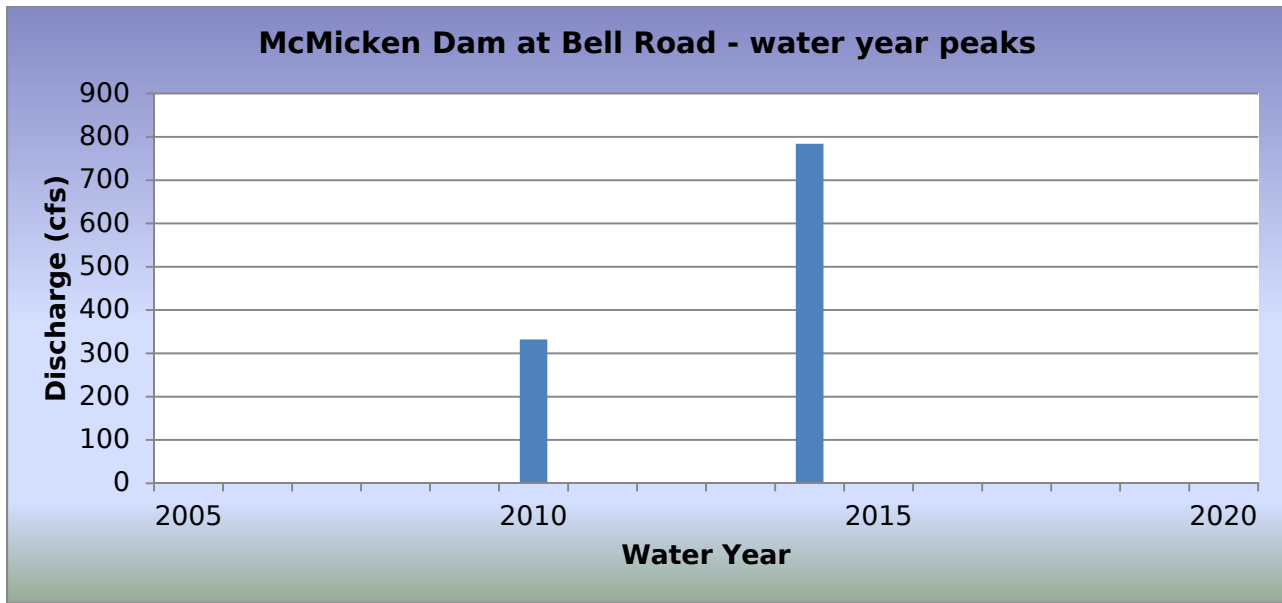
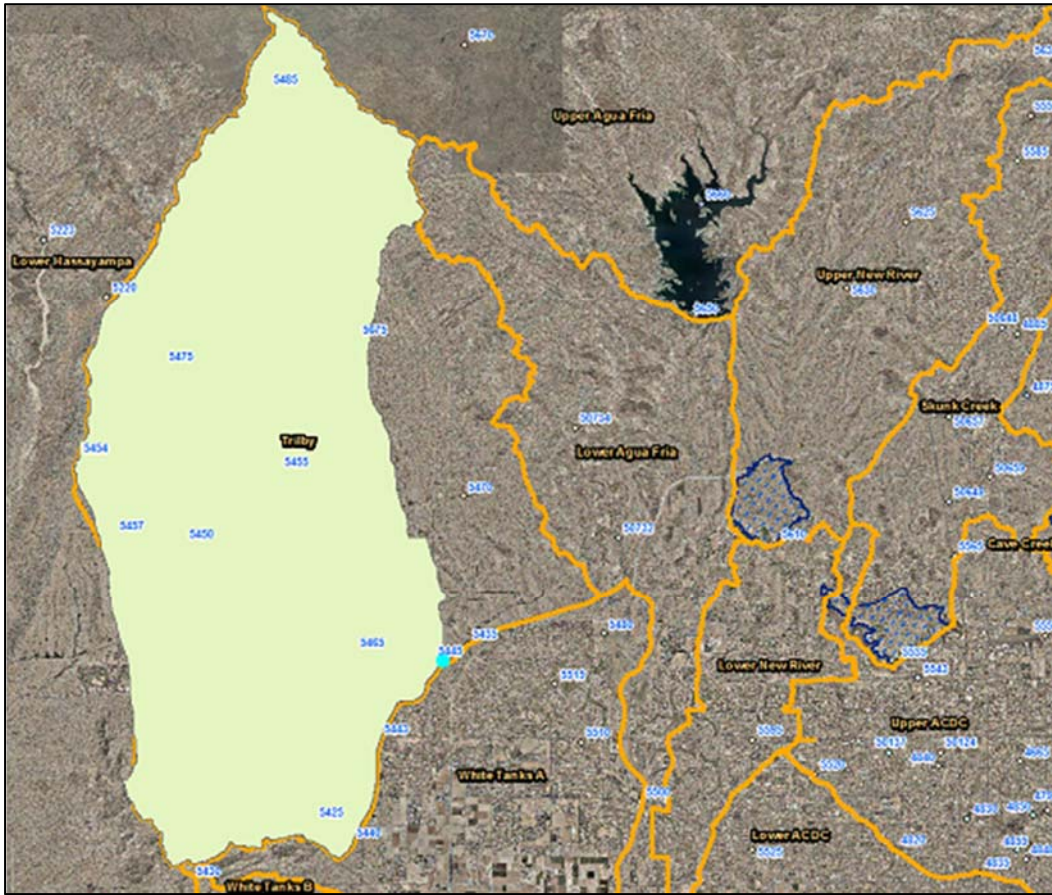
McMicken Dam at Bell Road, ID #5443



Site Data

LOCATION	Located on the south side of McMicken Dam at Bell Road
DRAINAGE AREA	247 mi ² at outlet gage
STREAM TYPE	Dam Pool Pass-through
JURISDICTION	Surprise, Arizona
WATERSHED	Trilby
SECTION/TOWNSHIP/RANGE	S03 T3N R2W
LATITUDE	N 33° 38' 17.6" +33.63823
LONGITUDE	W 112° 27' 41.1" -112.46141
STREAMGAGE INSTALLATION DATE	03/04/2009 - WY 2009
AVAILABLE PERIOD OF RECORD (POR)	03/04/2009 - Current
LENGTH OF AVAILABLE POR DATA	8.58 Years 3,133 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.35 feet Gage Height
STAFF GAGES	None
CREST STAGE GAGES	None
ZERO GAGE HEIGHT ELEVATION	0.00 feet Gage Height
POINT OF ZERO FLOW	0.00 feet Gage Height
EXTREME FOR PERIOD OF RECORD	784 cfs 5.80 feet GH 09/08/2014

Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
No runoff recorded		

Hydrograph of peak WY 2017 flow event

There was no runoff recorded in Water Year 2017.

Flood Flow Frequency

There is not enough data to compute a flood flow frequency for this gage station.

McMicken Dam at Bell Road, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values														
	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		---			---		---		---			---			
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 2017	TOTAL		0	MEAN		0	MAX		0	MIN		0	AC_FT		0

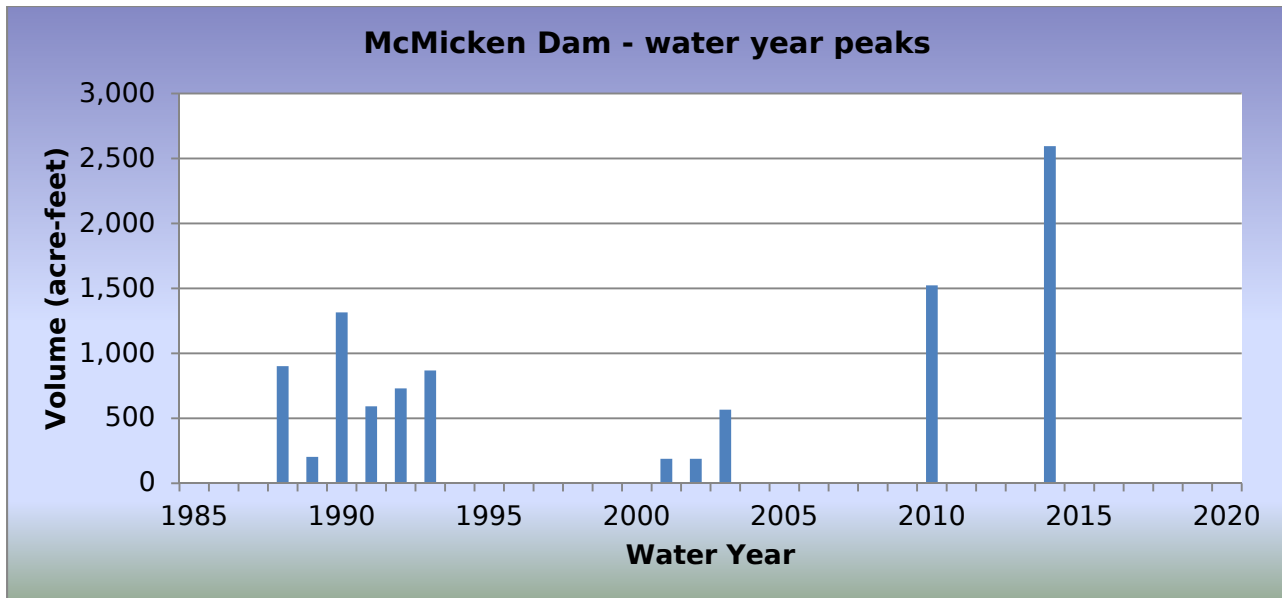
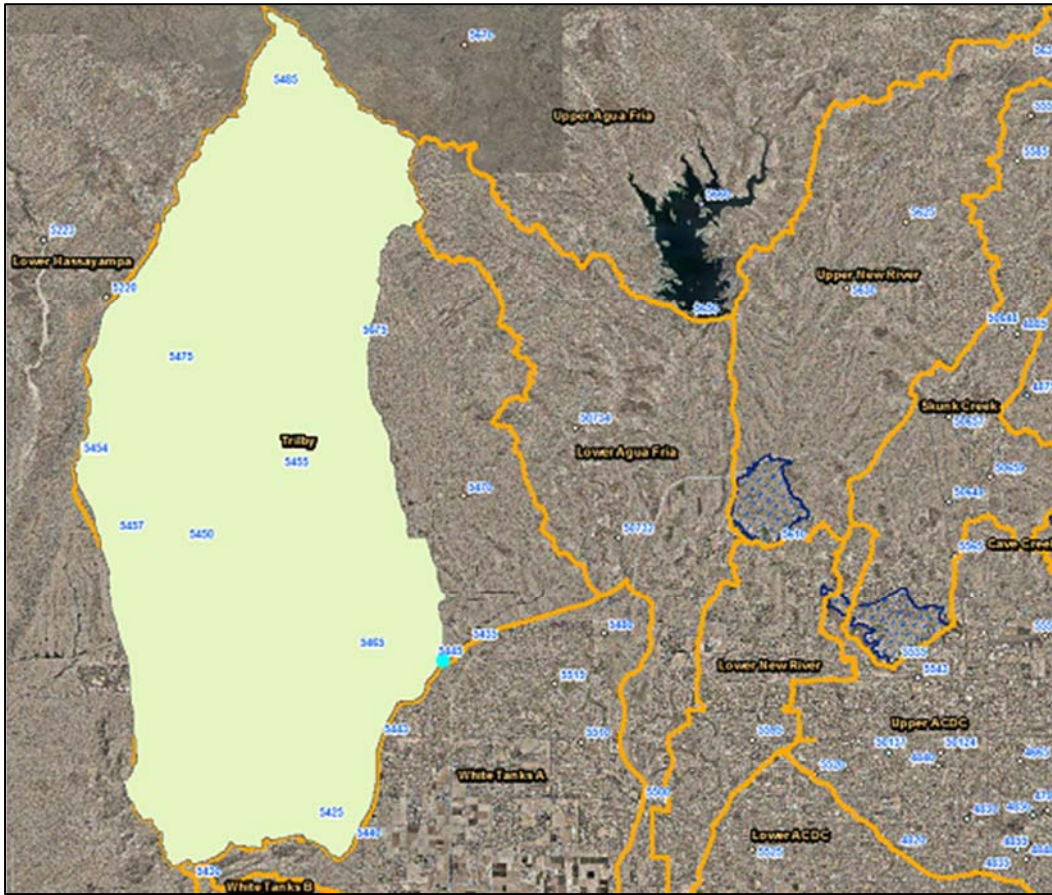
McMicken Dam, ID #5448



Site Data

LOCATION	Gage is located about 3 miles north of Bell Road
DRAINAGE AREA	257.9 mi ²
STREAM TYPE	Dam of natural drainage
JURISDICTION	Surprise, Arizona
WATERSHED	Trilby
SECTION/TOWNSHIP/RANGE	S24 T4N R2W
LATITUDE	N 33° 40' 37.2" +33.67699
LONGITUDE	W 112° 25' 24.3" -112.42342
STREAMGAGE INSTALLATION DATE	03/20/1983 - WY 1983
AVAILABLE PERIOD OF RECORD (POR)	02/18/1988 - Current
LENGTH OF AVAILABLE POR DATA	29.62 Years 10,818 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	1.60 feet Gage Height
STAFF GAGES	3
ZERO GAGE HEIGHT ELEVATION	1,336.00 feet NAVD 1988
POINT OF ZERO FLOW	0.00 feet Gage Height
EMERGENCY SPILLWAY CREST ELEVATION	19.25 feet Gage Height
TOP OF DAM ELEVATION	25.8 feet Gage Height

Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
No impoundments			

Hydrograph of peak WY 2017 impoundment event

There were no impoundments recorded in Water Year 2017.

McMicken Dam, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values														
	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		---			---		---		---			---			
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 2017	TOTAL		0	MEAN		0	MAX		0	MIN		0	AC_FT		0

McMicken Dam, volume data

Volume, in acre-feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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	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 2017	MEAN		0	MAX	0	MIN	0					

McMicken Dam, stage data

Depth, in feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
2	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
3	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
4	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
5	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
7	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
8	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
9	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
10	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
11	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
12	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
13	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
14	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
15	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
16	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
17	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
18	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
19	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
20	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
21	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
22	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
23	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
24	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
25	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
26	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
27	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
28	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
29	1.6	1.6	1.6	1.6	---	1.6	1.6	1.6	1.6	1.6	1.6	1.6
30	1.6	1.6	1.6	1.6	---	1.6	1.6	1.6	1.6	1.6	1.6	1.6
31	1.6	---	1.6	1.6	---	1.6	---	1.6	---	1.6	1.6	---
MEAN	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
MAX	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
MIN	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
WTR YR 2017	MEAN	1.60	MAX	1.60	MIN	1.60						

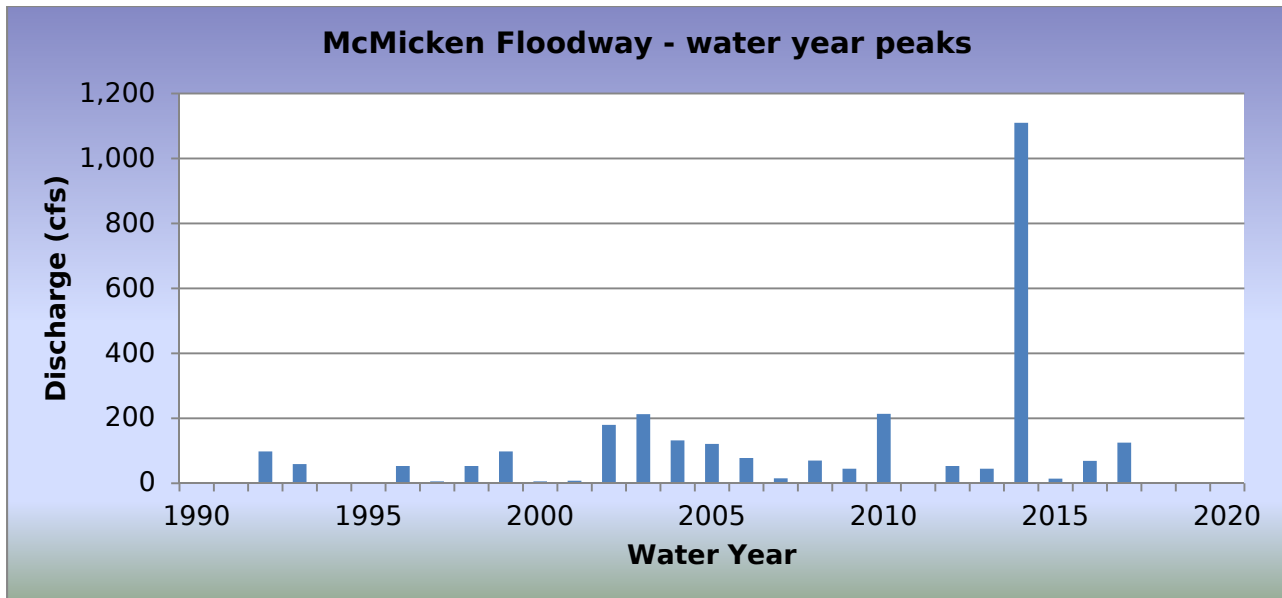
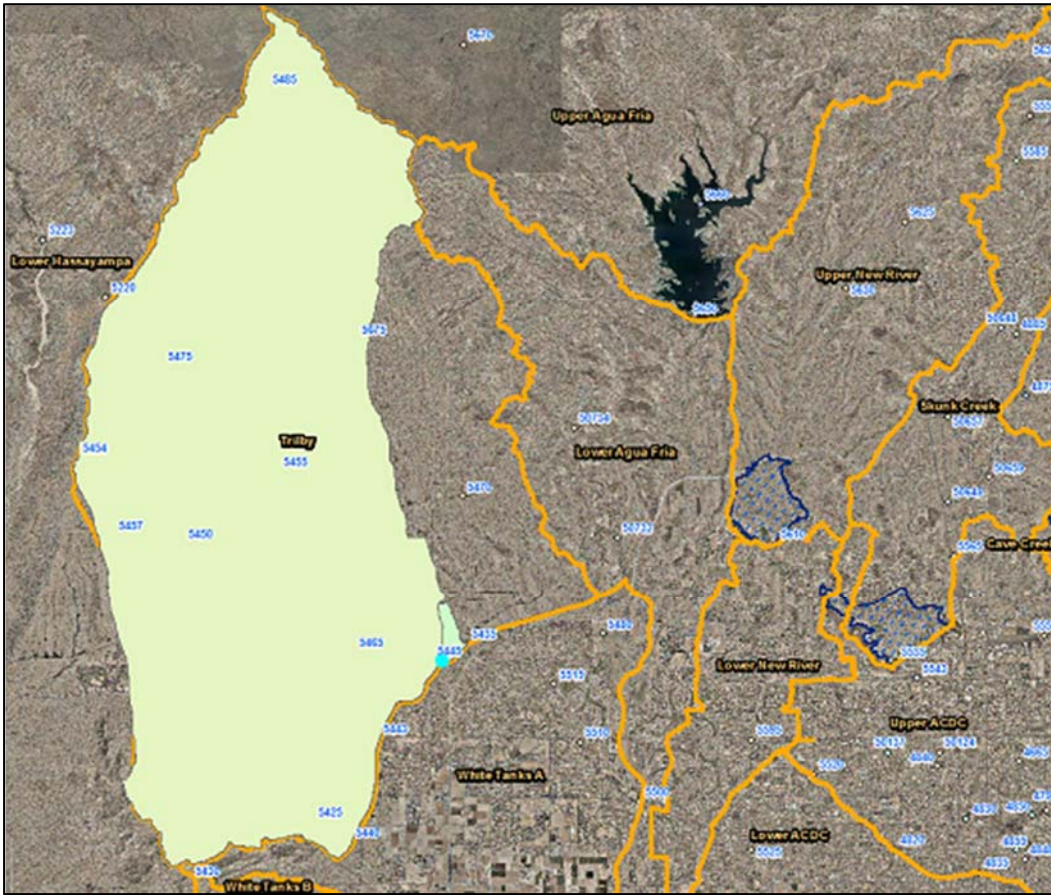
McMicken Floodway, ID #5438



Site Data

LOCATION	Near the intersection of 163rd and Grand Avenues
DRAINAGE AREA	305 mi ²
STREAM TYPE	Engineered Channel
JURISDICTION	Surprise, Arizona
WATERSHED	Trilby
SECTION/TOWNSHIP/RANGE	S18 T4N R1W
LATITUDE	N 33° 41' 07.2" +33.68532
LONGITUDE	W 112° 24' 31.1" -112.40864
STREAMGAGE INSTALLATION DATE	05/19/1992 - WY 1992
AVAILABLE PERIOD OF RECORD (POR)	05/19/1992 - Current
LENGTH OF AVAILABLE POR DATA	25.37 Years 9,266 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.15 feet Gage Height
STAFF GAGES	2
CREST STAGE GAGES	2
ZERO GAGE HEIGHT ELEVATION	1,323.17 feet M.S.L.
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	1,110 cfs 4.98 feet 09/08/2014

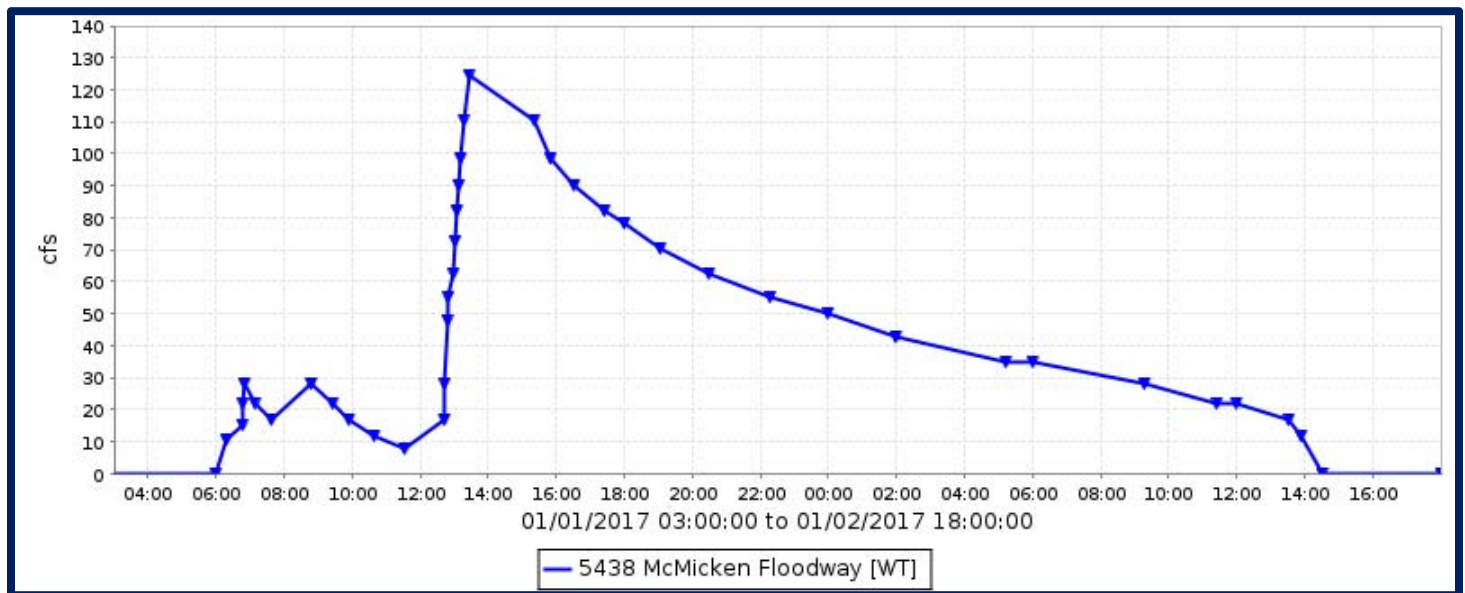
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
10/13/2016	0.63	22
12/22/2016	0.55	18
12/30/2016	0.70	26
12/31/2016	0.70	26
01/01/2017	1.85	125
01/20/2017	0.83	35
08/13/2017	0.94	43

Hydrograph of peak WY 2017 flow event, 01/01/2017



Flood Flow Frequency

Flood Flow Frequency N=26, HEC-WRC computation (based on 26 years of data)					
2-year	5-year	10-year	20-year	50-year	100-year
44	160	299	488	828	1,160

NOTE: These results are based on very limited data.

McMicken Floodway, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				43								
2				21								
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13	1										11	
14												
15												
16												
17												
18												
19												
20				6								
21												
22			2									
23												
24												
25							3					
26												
27												
28												
29							---					
30			3				---					
31		---	5				---		---			---
TOTAL	1	0	9	70	0	0	3	0	0	0	11	0
MEAN	0	0	0	2	0	0	0	0	0	0	0	0
MAX	22	0	26	125	0	0	42	0	0	0	43	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	1	0	18	139	0	0	6	0	0	0	21	0
WTR YR 2017	TOTAL		93	MEAN	0	MAX	125	MIN	0	AC_FT	185	

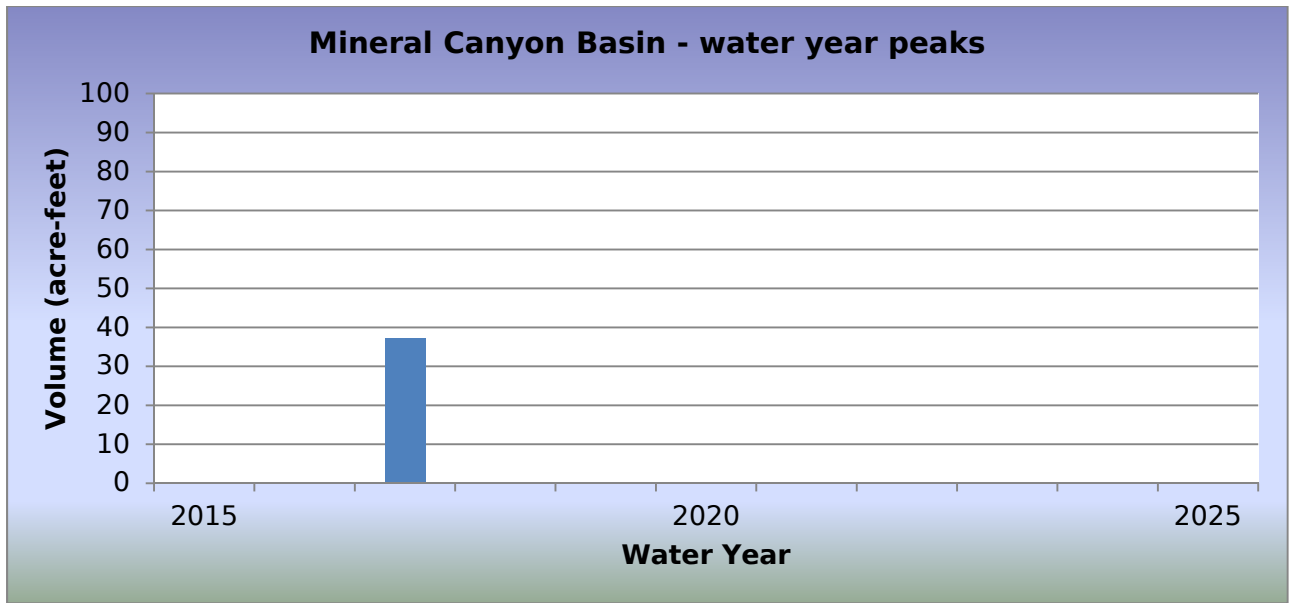
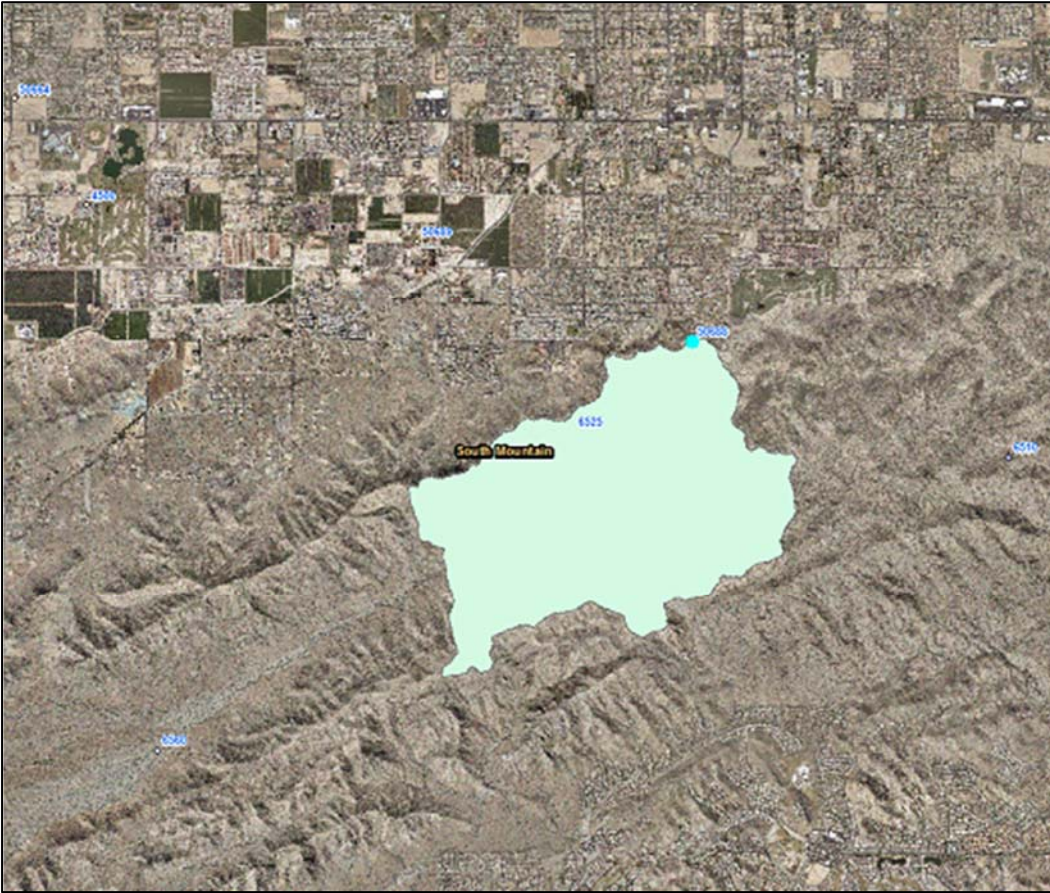
Mineral Canyon Basin, ID #68807



Site Data

LOCATION	In South Mountain Park near Central Avenue and Mineral Road
DRAINAGE AREA	3.46 mi ²
STREAM TYPE	Flood control basin on natural stream
JURISDICTION	Phoenix, Arizona
WATERSHED	South Mountain
SECTION/TOWNSHIP/RANGE	S08 T1S R3E
LATITUDE	N 33° 21' 20.9" +33.35580
LONGITUDE	W 112° 04' 13.8" -112.07051
STREAMGAGE INSTALLATION DATE	09/10/2015 - WY 2015
AVAILABLE PERIOD OF RECORD (POR)	09/10/2015 - Current
LENGTH OF AVAILABLE POR RECORD	2.06 Years 752 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	2.00 feet Gage Height
STAFF GAGES	0
ZERO GAGE HEIGHT ELEVATION	0.00 feet Gage Height
POINT OF ZERO FLOW	0.00 feet Gage Height
SPILLWAY CREST ELEVATION	No spillway
TOP OF BASIN ELEVATION	28.5 feet Gage Height

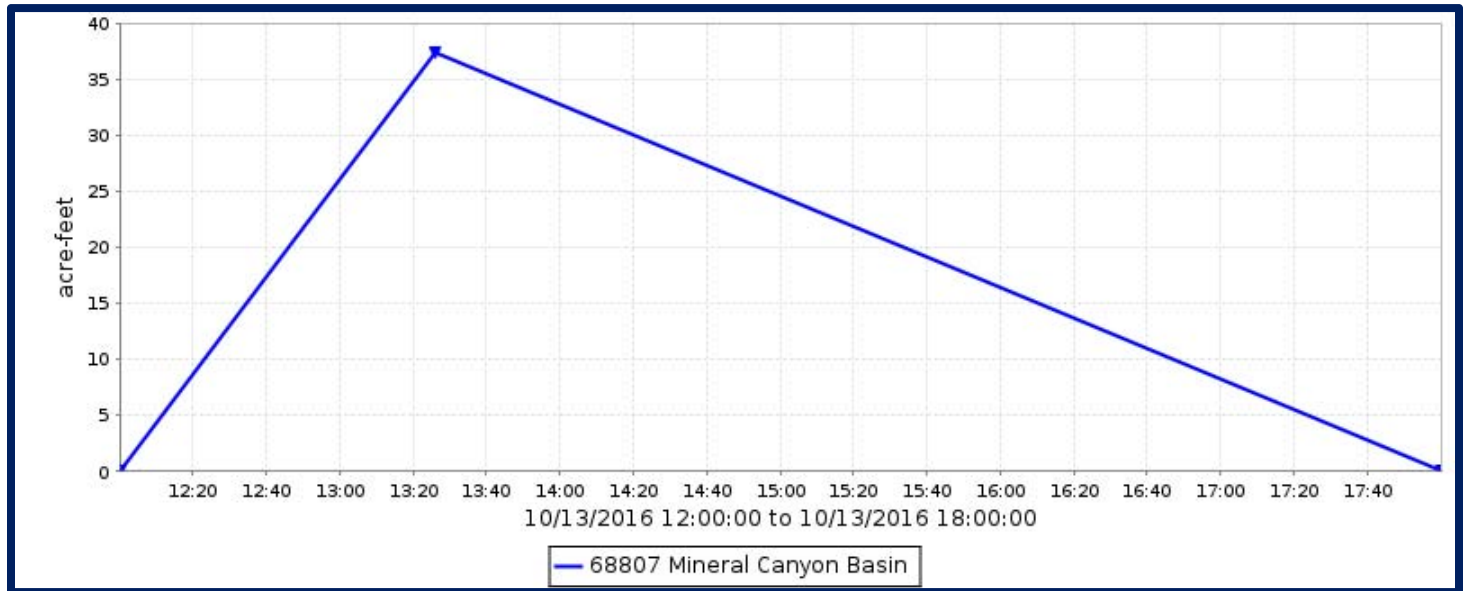
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
10/13/2016	2.22	37.3	7.5

Hydrograph of peak WY 2017 impoundment event



Mineral Canyon Basin, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values														
	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		---			---		---		---			---			
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 2017	TOTAL		0	MEAN		0	MAX		0	MIN		0	AC_FT		0

Mineral Canyon Basin, volume data

Volume, in acre-feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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	7										1	
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	37	0	0	0	0	0	0	0	0	0	3	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2017	MEAN		0	MAX	37	MIN	0					

Mineral Canyon Basin, stage data

Depth, in feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	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	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
3	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
4	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
5	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
6	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
7	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
8	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
9	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
10	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
11	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
12	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
13	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
14	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
15	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
16	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
17	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
18	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
19	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
20	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
21	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
22	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
23	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
24	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
25	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
26	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
27	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
28	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
29	2.0	2.0	2.0	2.0	---	2.0	2.0	2.0	2.0	2.0	2.0	2.0
30	2.0	2.0	2.0	2.0	---	2.0	2.0	2.0	2.0	2.0	2.0	2.0
31	2.0	---	2.0	2.0	---	2.0	---	2.0	---	2.0	2.0	---
MEAN	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
MAX	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.0
MIN	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
WTR YR 2017	MEAN	2.00	MAX	2.22	MIN	2.00						

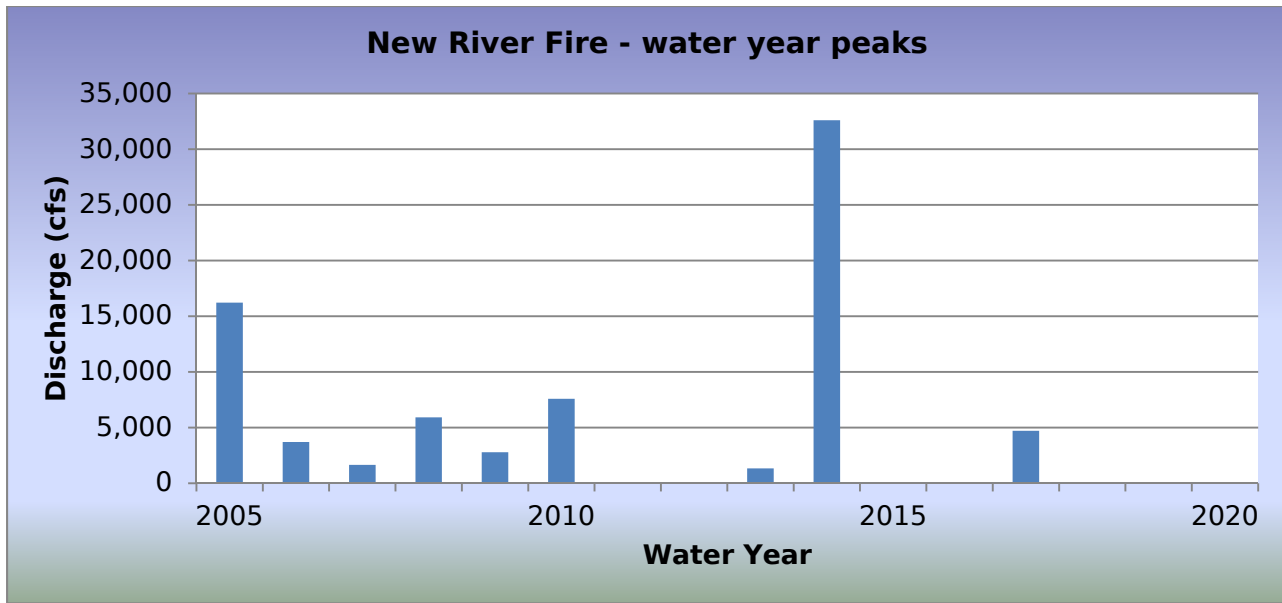
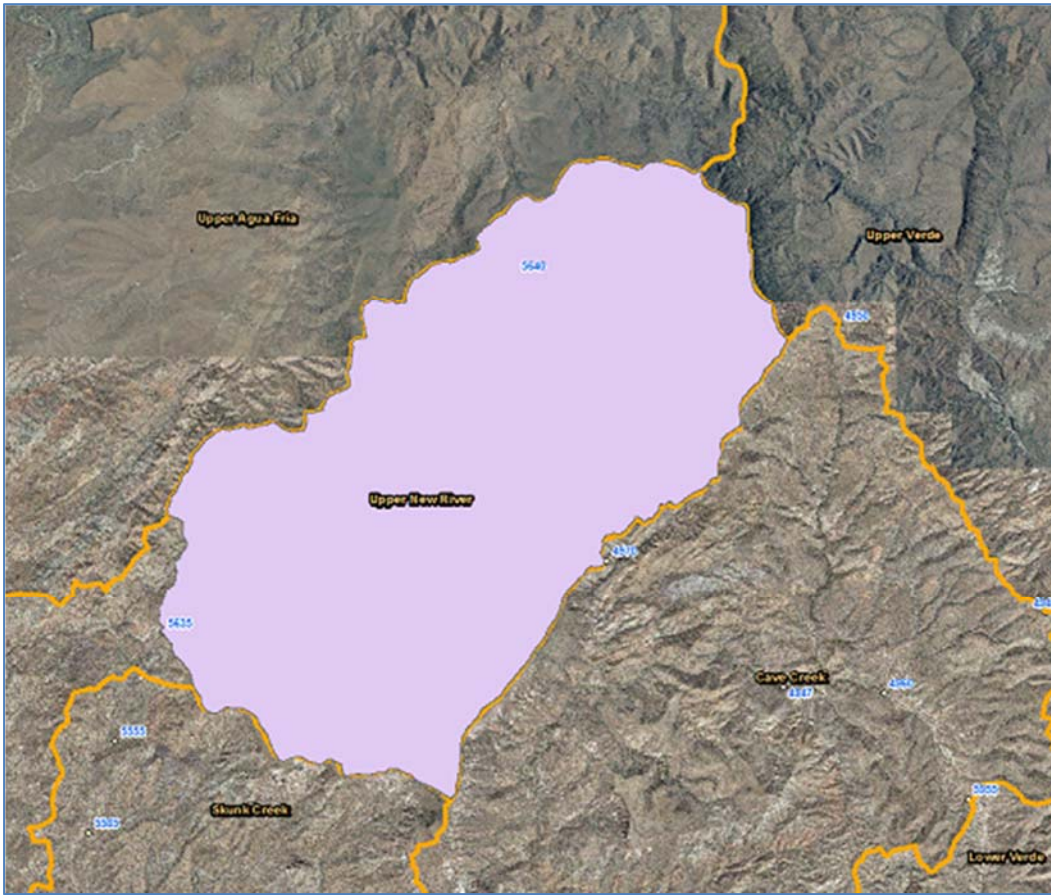
New River Fire, ID #5638



Site Data

LOCATION	North of Table Mesa Road about 4 miles east of I-17
DRAINAGE AREA	62 mi ²
STREAM TYPE	Natural Stream
JURISDICTION	Maricopa County, Arizona
WATERSHED	Upper New River
SECTION/TOWNSHIP/RANGE	S04 T7N R3E
LATITUDE	N 33° 58' 33.1" +33.97585
LONGITUDE	W 112° 03' 38.3" -112.06063
STREAMGAGE INSTALLATION DATE	07/18/2005 - WY 2005
AVAILABLE PERIOD OF RECORD (POR)	07/20/2005 - Current
LENGTH OF AVAILABLE POR DATA	12.20 Years 4,456 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	2.00 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	2,468.93 feet NAVD 1988
POINT OF ZERO FLOW	-2.2 feet Gage Height
EXTREME FOR PERIOD OF RECORD	32,584 cfs 11.0 feet 08/19/2014

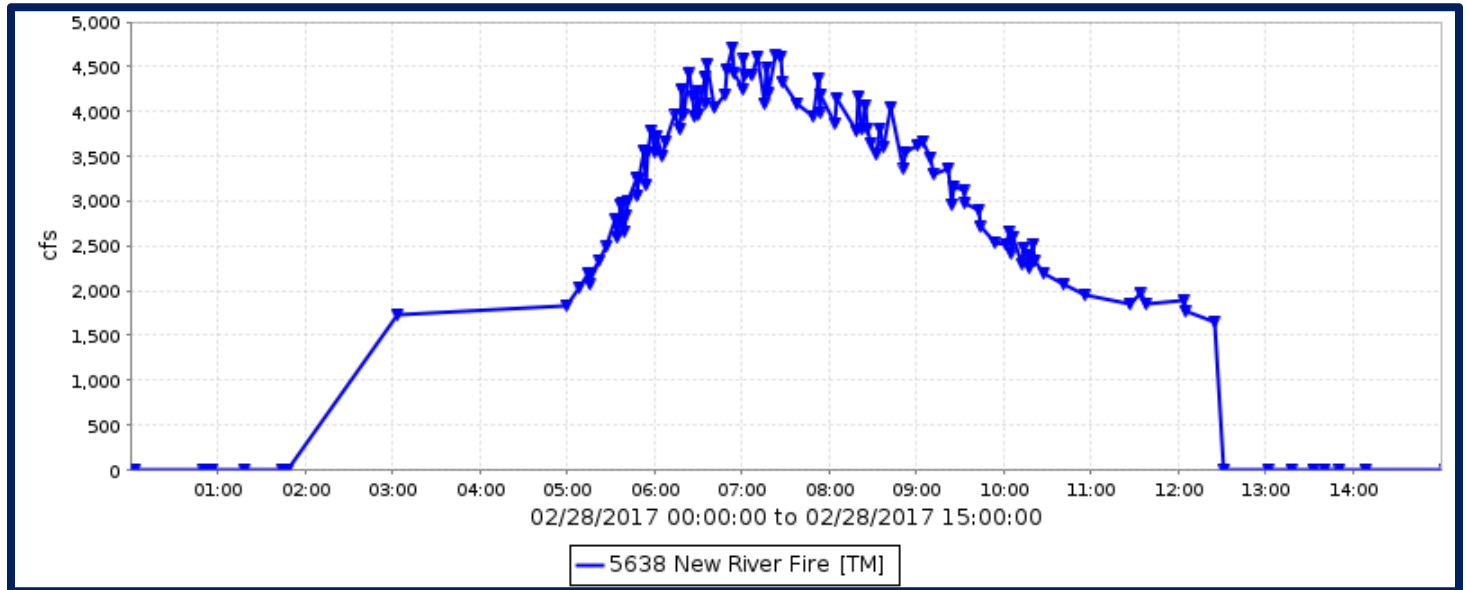
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
10/13/2016	4.60	4,589
02/28/2017	4.67	4,713

Hydrograph of peak WY 2017 flow event, 02/28/2017



Flood Flow Frequency

Flood Flow Frequency FEMA Flood Insurance Study (at USGS gage, 3 miles downstream)
100-year
34,500

New River Fire, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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	448											
14												
15												
16												
17												
18												
19												
20		---										
21		---										
22		---										
23												
24		---								34		
25		---					581					
26		---					179					
27		---	---									
28		---	---		1098							
29		---			---							
30		---			---							
31		---			---		---		---			---
TOTAL	448	0	0	0	1098	0	759	0	0	0	34	0
MEAN	14	0	0	0	39	0	25	0	0	0	1	0
MAX	4589	0	0	0	4713	0	1855	0	0	0	594	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	889	0	0	0	2178	0	1506	0	0	0	68	0
WTR YR 2017	TOTAL	2340	MEAN	6	MAX	4713	MIN	0	AC_FT	4641		

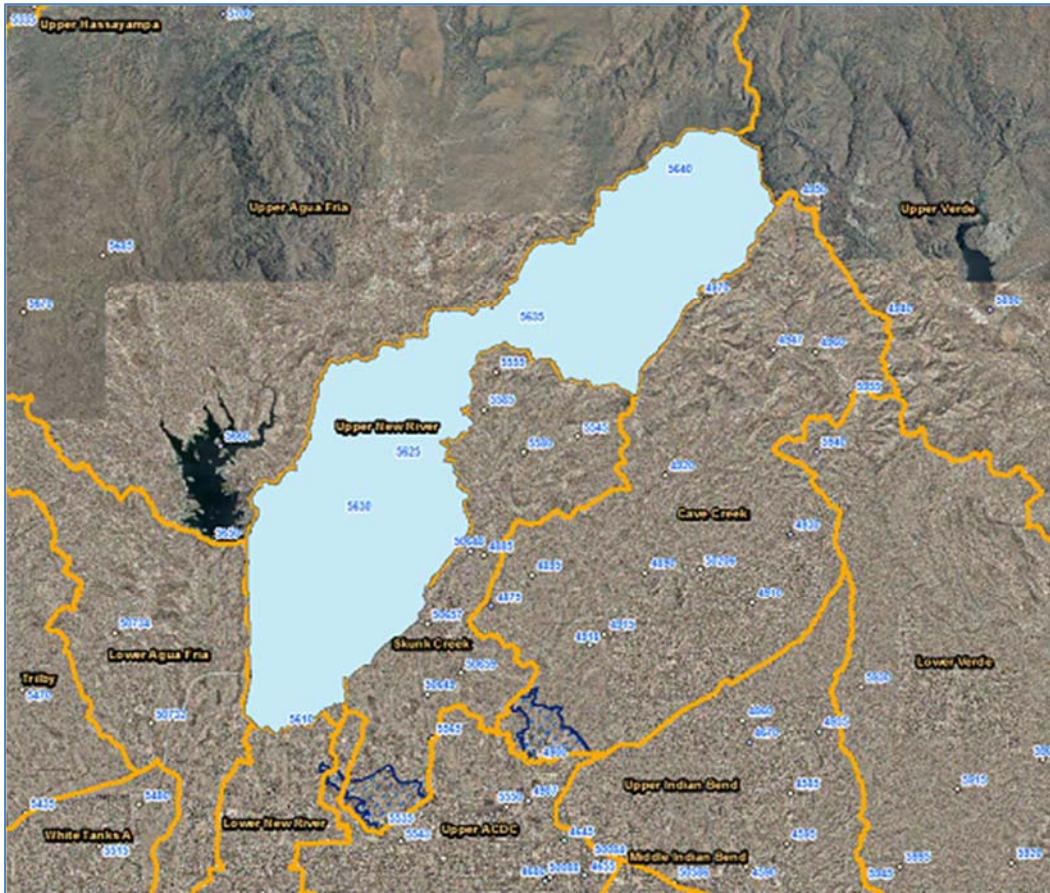
New River Dam Pool, ID #5614



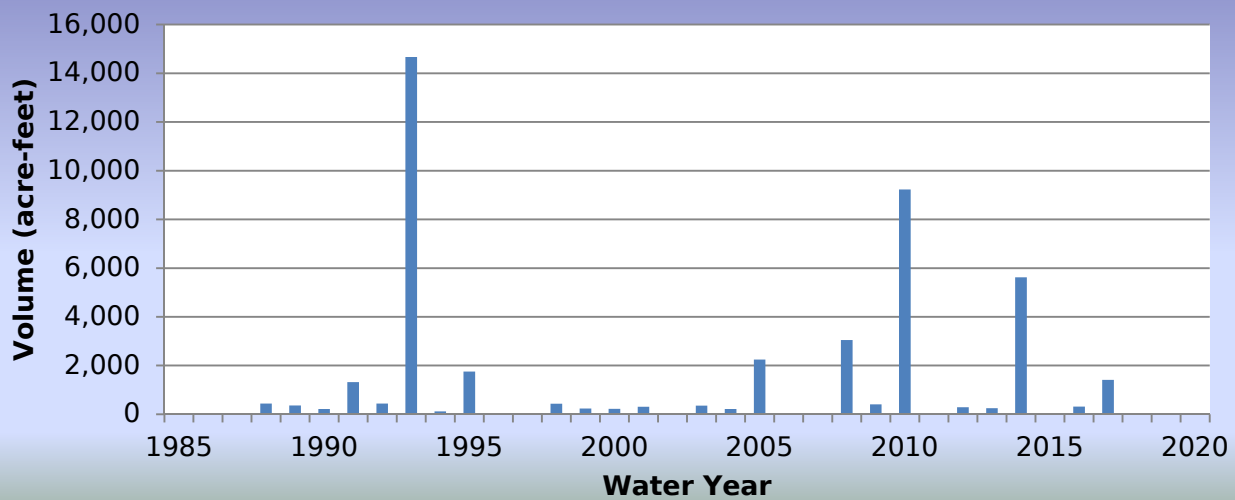
Site Data

LOCATION	Near 75th Avenue north of Jomax Road
DRAINAGE AREA	171 mi ²
STREAM TYPE	Dam of natural drainage
JURISDICTION	Peoria, Arizona
WATERSHED	Upper New River
SECTION/TOWNSHIP/RANGE	S35 T5N R1E
LATITUDE	N 33° 44' 09.1" +33.73585
LONGITUDE	W 112° 13' 31.8" -112.22550
STREAMGAGE INSTALLATION DATE	04/15/1986 - WY 1986
AVAILABLE PERIOD OF RECORD (POR)	08/30/1988 - Current
LENGTH OF AVAILABLE POR DATA	29.09 Years 10,624 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	2.85 feet Gage Height
STAFF GAGES	21
ZERO GAGE HEIGHT ELEVATION	1,391.50 feet NAVD 1988
POINT OF ZERO FLOW	0.00 feet Gage Height
STANDARD PROJECT FLOOD	49,300 acre-feet / 45,000 cfs inflow / 2,665 cfs outflow
PROBABLE MAXIMUM FLOOD	105,000 acre-feet / 144,000 cfs inflow / 30,000 cfs outflow
SPILLWAY ELEVATION	67.0 feet Gage Height
TOP OF DAM ELEVATION	98.0 feet Gage Height

Watershed Map



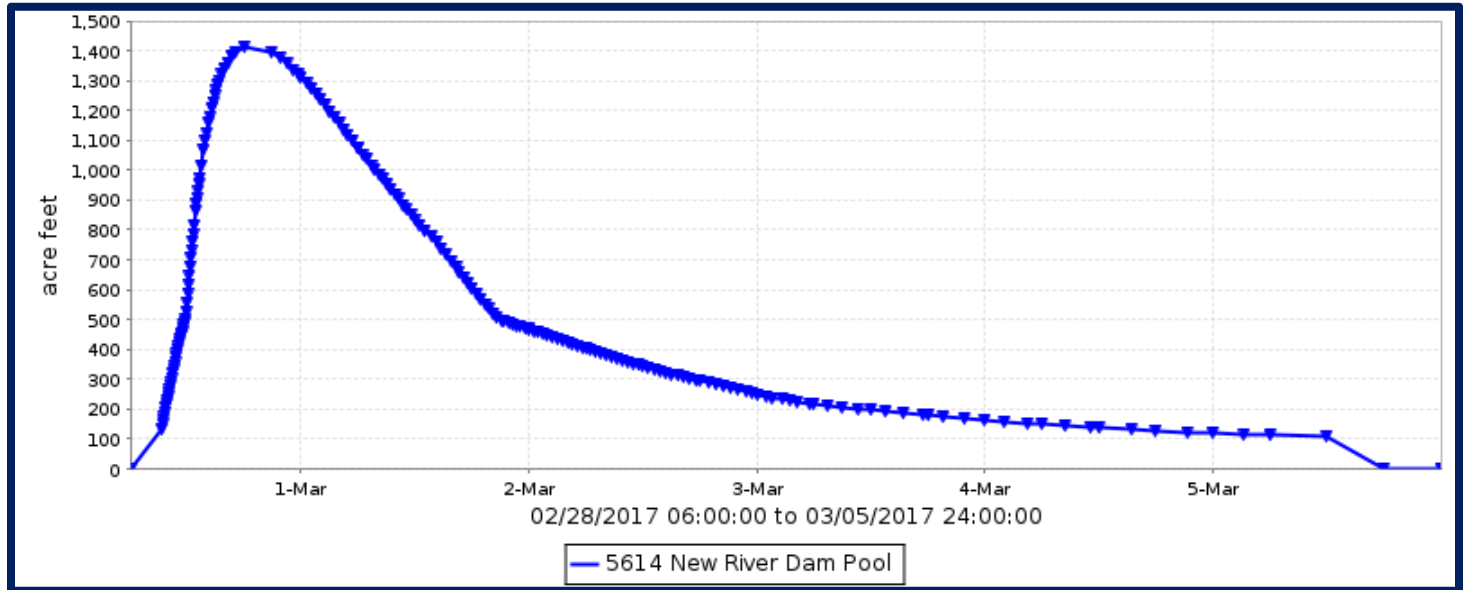
New River Dam Pool - water year peaks



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
01/21/2017	7.78	352	0.8
02/20/2017	6.98	312	0.7
02/28/2017	15.97	1,414	3.2
07/29/2017	3.05	115	0.1

Hydrograph of peak WY 2017 impoundment event, 02/28/2017



New River Dam Pool, volume data

Volume, in acre-feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1						855						
2						351						
3						200						
4						141						
5						84						
6												
7												
8	---											
9	---											
10												
11												
12												
13												
14												
15												
16												
17												
18												
19						61						
20						273						
21				197	110							
22				240								
23				31								
24												
25												
26												
27												
28						673						
29						---				7		
30						---						
31		---				---	---		---			---
MEAN	0	0	0	15	40	53	0	0	0	0	0	0
MAX	0	0	0	352	1414	1291	0	0	0	115	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2017	MEAN		17	MAX	1414	MIN	0					

New River Dam Pool, stage data

Depth, in feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.9	2.9	2.9	2.9	2.9	12.7	2.9	2.9	2.9	2.9	2.9	2.9
2	2.9	2.9	2.9	2.9	2.9	7.8	2.9	2.9	2.9	2.9	2.9	2.9
3	2.9	2.9	2.9	2.9	2.9	4.8	2.9	2.9	2.9	2.9	2.9	2.9
4	2.9	2.9	2.9	2.9	2.9	3.6	2.9	2.9	2.9	2.9	2.9	2.9
5	2.9	2.9	2.9	2.9	2.9	3.0	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
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	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	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	2.9	2.9	2.9
16	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	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	3.5	2.9	2.9	2.9	2.9	2.9	2.9	2.9
20	2.9	2.9	2.9	2.9	6.2	2.9	2.9	2.9	2.9	2.9	2.9	2.9
21	2.9	2.9	2.9	5.5	3.5	2.9	2.9	2.9	2.9	2.9	2.9	2.9
22	2.9	2.9	2.9	5.6	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
23	2.9	2.9	2.9	3.0	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	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	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	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	2.9
28	2.9	2.9	2.9	2.9	9.5	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	2.9
30	2.9	2.9	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	---	2.9	2.9	---
MEAN	2.9	2.9	2.9	3.1	3.3	3.4	2.9	2.9	2.9	2.9	2.9	2.9
MAX	2.9	2.9	2.9	7.8	16.0	15.3	3.0	2.9	2.9	3.0	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 2017	MEAN	2.98	MAX	15.97	MIN	2.88						

New River Dam Outlet, ID #5613

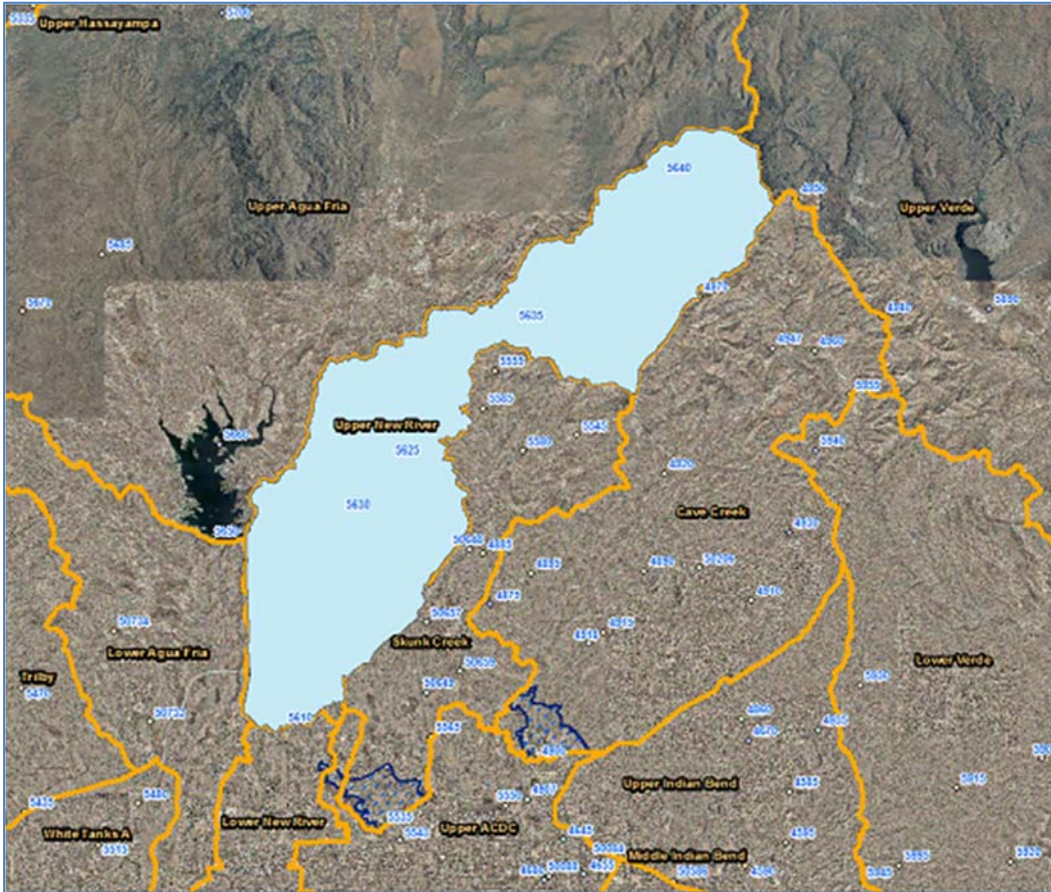


Site Data

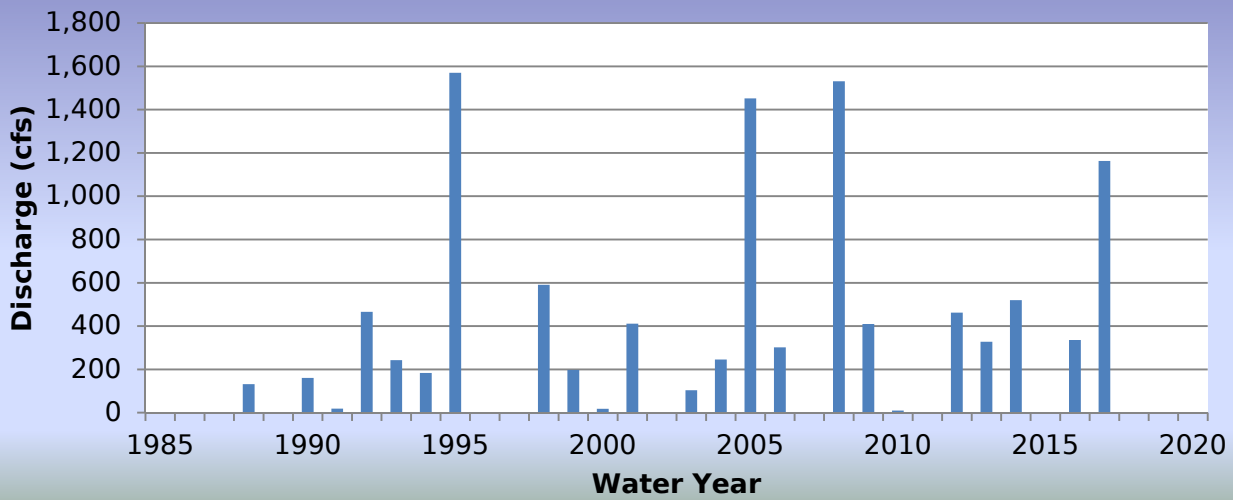
LOCATION	Near 75th Avenue north of Jomax Road
DRAINAGE AREA	171 mi ²
STREAM TYPE	Engineered Channel
JURISDICTION	Peoria, Arizona
WATERSHED	Lower New River
SECTION/TOWNSHIP/RANGE	S35 T5N R1E
LATITUDE	N 33° 44' 09.1" +33.73585
LONGITUDE	W 112° 13' 31.8" -112.22550
STREAMGAGE INSTALLATION DATE	04/15/1986 - WY 1986
AVAILABLE PERIOD OF RECORD (POR)	08/30/1988 - Current
LENGTH OF AVAILABLE POR DATA	29.09 Years 10,624 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.68 feet Gage Height
STAFF GAGES	1
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,378.15 feet NAVD88
POINT OF ZERO FLOW	0.2 feet Gage Height
EXTREME FOR PERIOD OF RECORD*	1,570 cfs 9.36 feet 02/15/1995

*Extreme for period of record did not occur on the date of maximum pool stage (01/08/1993) because the gage may have failed and no data are available at this gage on that date.

Watershed Map



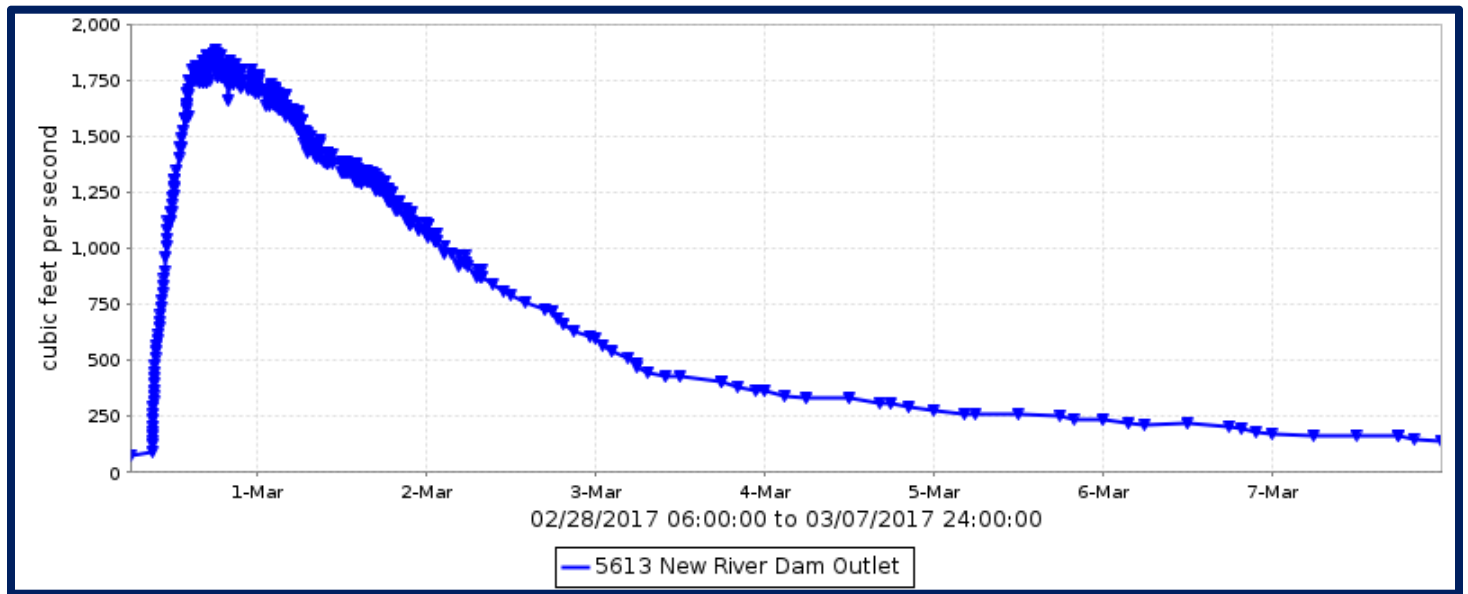
New River Dam Outlet - water year peaks



WY2017 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
01/03/2017	3.85	101
01/21/2017	6.29	522
02/20/2017	5.92	432
02/28/2017	8.34	1,163
07/29/2017	2.94	165

Hydrograph of peak WY 2017 flow event, 02/28/2017



Flood Flow Frequency

Flows past this gage are regulated by New River Dam directly upstream. Flood Flow Frequency is therefore not valid.

New River Dam Outlet, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1					22	1393						
2				23	14	820						
3				318	10	448						
4				214	7	321						
5				137	5	256						
6				69	3	209						
7				28	2	161						
8				12	1	135						
9				4	1	93						
10						56						
11						37				---		
12						26				---		
13						19						
14						15				---		
15						11				---		
16						8				---		
17						7						
18						5						
19					191	3						
20					781	2						
21				571	478	1						
22				732	293							
23				384	217							
24				255	169							
25				309	133							
26				242	97							
27				190	61							
28				150	973							
29				110	---					9		
30				66	---							
31		---		37	---		---		---			---
TOTAL	0	0	0	3852	3457	4027	0	0	0	9	0	0
MEAN	0	0	0	124	123	130	0	0	0	0	0	0
MAX	0	0	0	1009	1880	1774	0	0	0	165	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	7640	6857	7988	0	0	0	17	0	0
WTR YR 2017	TOTAL	11345	MEAN	31	MAX	1880	MIN	0	AC_FT	22503		

New River at Bell Road, ID #5598



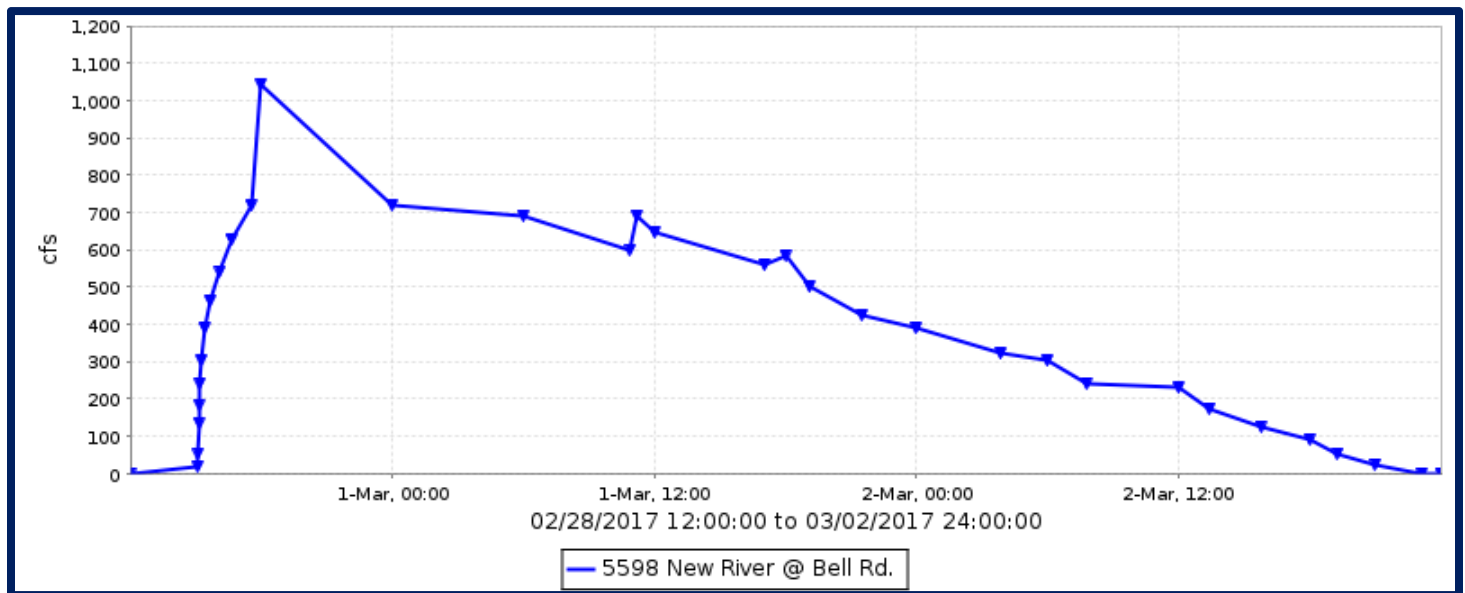
Site Data

LOCATION	On Bell Road west of Loop 101
DRAINAGE AREA	185 mi ²
STREAM TYPE	Channelized Natural Stream
JURISDICTION	Peoria, Arizona
WATERSHED	Lower New River
SECTION/TOWNSHIP/RANGE	S03 T3N R1E
LATITUDE	N 33° 38' 16.6" +33.63795
LONGITUDE	W 112° 14' 22.5" -112.23959
STREAMGAGE INSTALLATION DATE	04/04/1990 - WY 1990
AVAILABLE PERIOD OF RECORD (POR)	04/04/1990 - Current
LENGTH OF AVAILABLE POR DATA	27.49 Years 10,042 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.10 feet Gage Height
STAFF GAGES	2
CREST STAGE GAGES	2
ZERO GAGE HEIGHT ELEVATION	1,192.02 feet NAVD 1988
POINT OF ZERO FLOW	-0.1 feet Gage Height
EXTREME FOR PERIOD OF RECORD	4,005 cfs 5.77 feet 09/03/1990
EXTREME OUTSIDE PERIOD OF RECORD	14,600 cfs 12/19/1967

WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
01/22/2017	0.70	201
02/20/2017	0.47	91
02/28/2017	1.72	1,043

Hydrograph of peak WY 2017 flow event, 02/28/2017



Flood Flow Frequency

Flood Flow Frequency N=28, HEC-WRC computation (based on 28 years of data)					
2-year	5-year	10-year	20-year	50-year	100-year
153	1,180	3,110	6,570	14,500	23,700

NOTE(1): These results are based on limited data.

NOTE(2): New River Dam upstream limits the peak discharge from the upper portion of the watershed.

New River at Bell Road, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1						630						
2						210						
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20					42							
21				50								
22				81								
23												
24												
25												
26												
27												
28					326							
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	132	368	839	0	0	0	0	0	0
MEAN	0	0	0	4	13	27	0	0	0	0	0	0
MAX	0	0	0	201	1043	690	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	261	729	1665	0	0	0	0	0	0
WTR YR 2017	TOTAL	1339	MEAN	4	MAX	1043	MIN	0	AC_FT	2655		

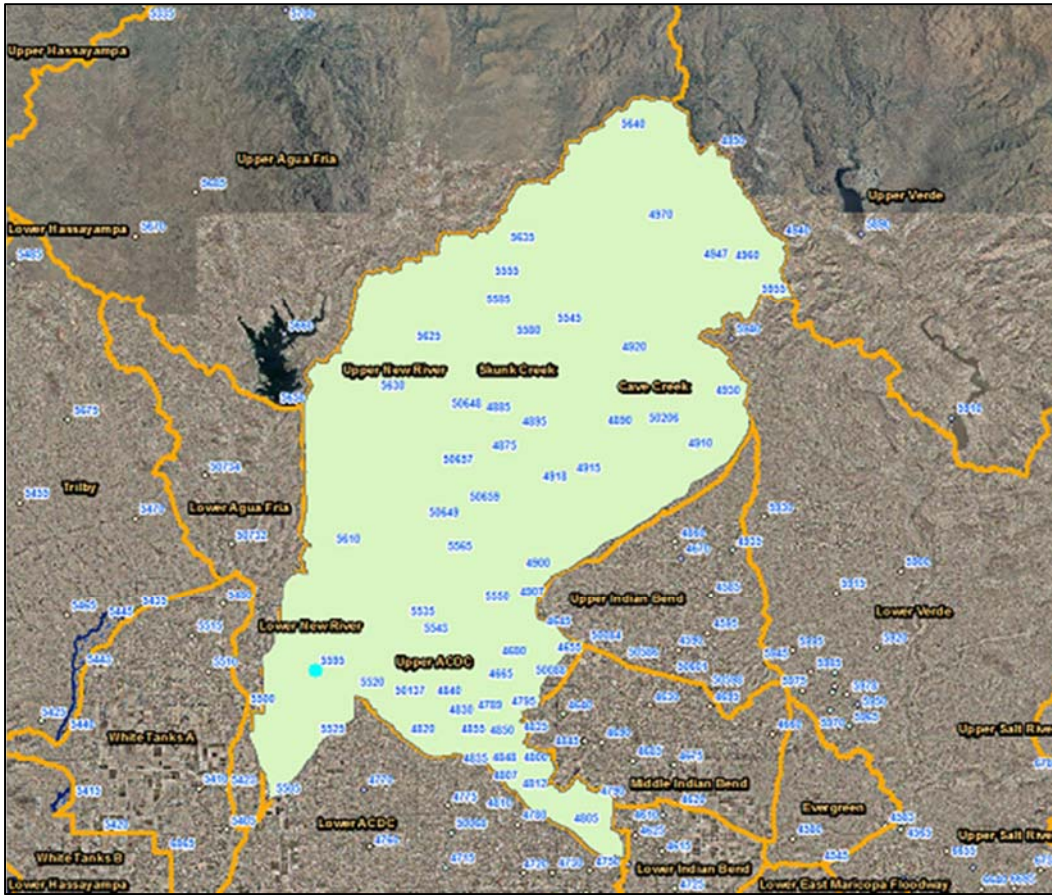
New River at Glendale Avenue, ID #5508, #61517



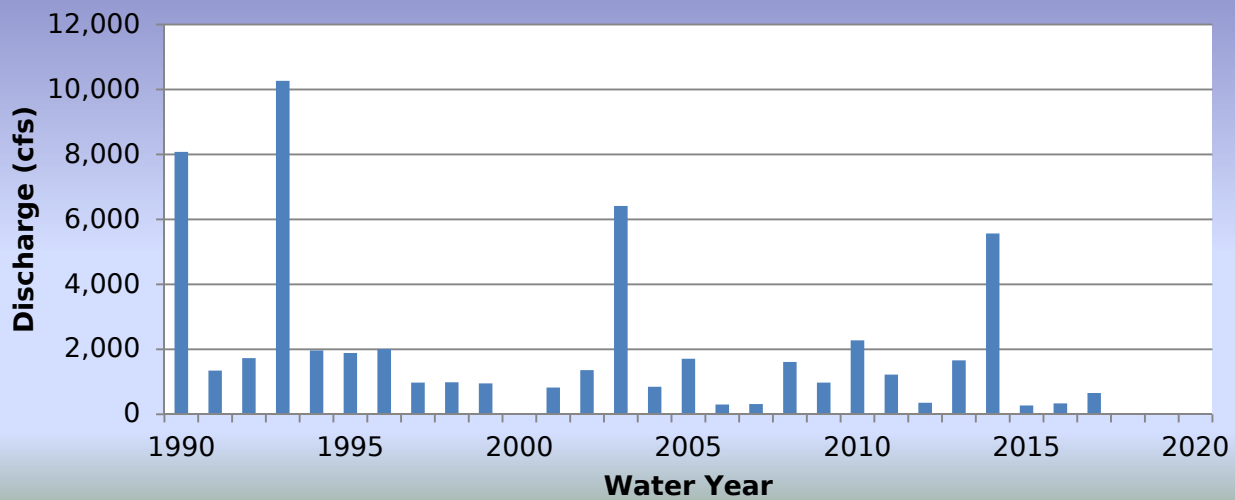
Site Data

LOCATION	West of 99th Avenue on Glendale Avenue
DRAINAGE AREA	600 mi ²
STREAM TYPE	Channelized Natural Stream
JURISDICTION	Glendale, Arizona
WATERSHED	Lower New River
SECTION/TOWNSHIP/RANGE	S05 T2N R1E
LATITUDE	N 33° 32' 11.8" +33.53661
LONGITUDE	W 112° 16' 53.3" -112.28146
STREAMGAGE INSTALLATION DATE	03/21/1990 - WY 1990
AVAILABLE PERIOD OF RECORD (POR)	03/21/1990 - Current
LENGTH OF AVAILABLE POR DATA	27.53 Years 10,056 Days
DATA GAPS IN POR	08/23/2006 - 03/07/2007
TRANSDUCER GAGE ELEVATION	2.50 feet Gage Height
STAGE GAGE TYPE	RADAR Sensor
RADAR GAGE ELEVATION	20.75 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	1,043.98 feet M.S.L.
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	10,266 cfs 2.90 feet 02/10/1993
EXTREME OUTSIDE PERIOD OF RECORD	38,000 cfs 08/1943

Watershed Map



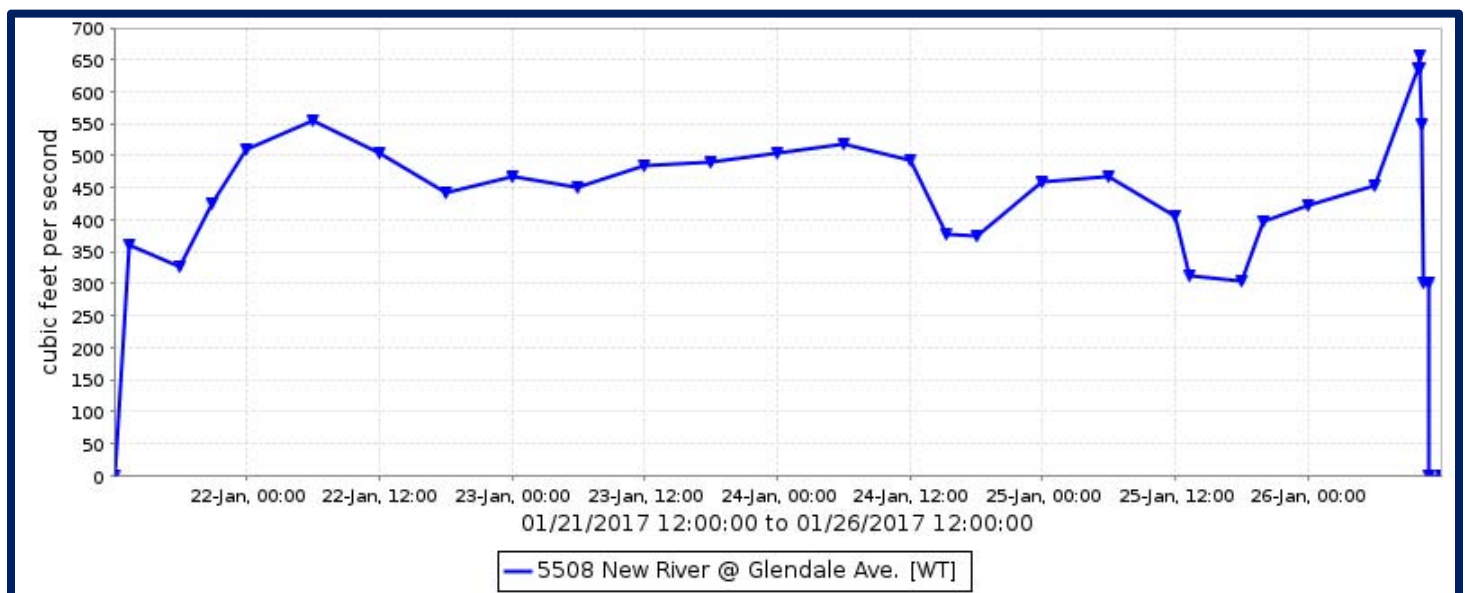
New River at Glendale Avenue - water year peaks



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
01/03/2017	2.79	495
01/26/2017	2.93	656
02/20/2017	1.52	61
02/28/2017	2.82	525
03/01/2017	2.28	130
07/17/2017	1.06	31
07/24/2017	1.01	28
08/13/2017	1.43	54

Hydrograph of peak WY 2017 flow event, 01/26/2017



Flood Flow Frequency

Flood Flow Frequency N=28, HEC-WRC computation (based on 28 years of data)					
2-year	5-year	10-year	20-year	50-year	100-year
1,290	2,970	4,640	6,730	10,300	13,700

NOTE(1): These results are based on limited data.

NOTE(2): New River Dam upstream limits the peak discharge from the upper portion of the watershed. The analysis only includes runoff since the New River Dam's construction.

New River at Glendale Avenue (#61517), runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---		2	1	121		2	2	1	3	2
2	---			3	1	88	1	2	1	3	3	3
3	---				1	58	2	1	2	2	2	3
4	---				1	32	2	2	2	2	2	4
5	---				1	19	2	2	2	2	4	3
6	---				1	6	3	2	1	2	3	2
7	---				2		2	1	2	1	3	1
8	---				2		1	2	3	2	3	1
9	---				1		2	2	2	2	2	2
10	---				---		2	2	2	2	3	2
11	---				---		3	2	3	3	4	2
12	---				---		2	2	2	2	5	2
13	30				2		3	1	2	3	24	1
14	---				2		2	2	3	4	5	1
15	---				2		2	2	2	3	3	2
16	---				1		2	2	2	5	2	3
17	---				2		2	3	1	12	2	2
18					5		2	3	1	5	3	2
19					36		2	3	1	3	4	1
20	---				43		2	2	2	2	4	1
21	---			3	44		2	2	2	1	3	1
22	---		3	5	21		2	3	1	4	3	2
23	---		3	4	10		3	2	3	4	2	2
24	---		1	2	7		3	2	3	10	7	2
25	---		1	1	6		2	1	3	7	4	2
26	---			4	6		3	3	4	2	2	2
27	---			3	6		2	2	3	2	3	2
28	---			2	58		2	3	2	2	3	2
29	---			1	---		2	2	2	2	2	1
30	---			1	---		2	2	2	3	2	2
31	---	---	1	1	---		---	2	---	3	3	---
TOTAL	303	0	9	32	264	323	62	65	64	104	117	59
MEAN	10	0	0	1	9	10	2	2	2	3	4	2
MAX	56	0	5	7	122	128	4	4	4	31	54	5
MIN	0	0	0	0	1	0	0	1	1	1	1	1
AC_FT	600	0	18	64	524	641	123	130	126	206	233	117
WTR YR 2017	TOTAL	1403	MEAN	4	MAX	130	MIN	0	AC_FT	2783		

New River at Glendale Avenue (#5508), runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1						419						
2				239		165						
3				446								
4				414								
5				404								
6				392								
7				422								
8				420								
9												
10					---							
11					---							
12					---							
13					---							
14												
15												
16												
17												
18												
19												
20												
21				164								
22				503								
23				472								
24				459								
25				406								
26				199								
27												
28					68							
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	4941	68	584	0	0	0	0	0	0
MEAN	0	0	0	159	2	19	0	0	0	0	0	0
MAX	0	0	0	656	525	504	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	9799	136	1157	0	0	0	0	0	0
WTR YR 2017	TOTAL	5592	MEAN	15	MAX	656	MIN	0	AC_FT	11093		

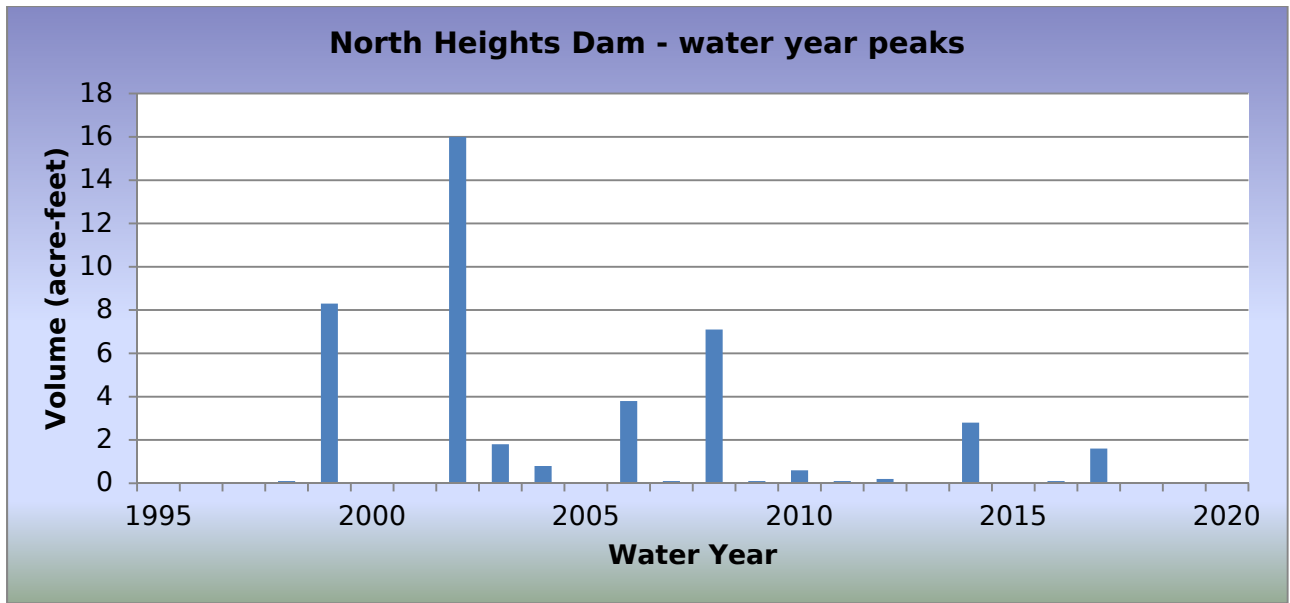
North Heights Dam, ID #5983



Site Data

LOCATION	Upstream from Golden Eagle Park Dam, to the north and west
DRAINAGE AREA	2.13 mi ²
STREAM TYPE	Dam of natural drainage
JURISDICTION	Fountain Hills, Arizona
WATERSHED	Lower Verde
SECTION/TOWNSHIP/RANGE	S09 T3N R6E
LATITUDE	N 33° 37' 16.7" +33.62131
LONGITUDE	W 111° 44' 55.3" -111.74868
STREAMGAGE INSTALLATION DATE	10/11/1996 - WY 1997
AVAILABLE PERIOD OF RECORD (POR)	10/11/1996 - Current
LENGTH OF AVAILABLE POR DATA	20.97 Years 7,660 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.25 feet Gage Height
STAFF GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,778.97 feet M.S.L.
POINT OF ZERO FLOW	0.00 feet Gage Height
SPILLWAY CREST ELEVATION	31.8 feet Gage Height
TOP OF DAM ELEVATION	39.8 feet Gage Height

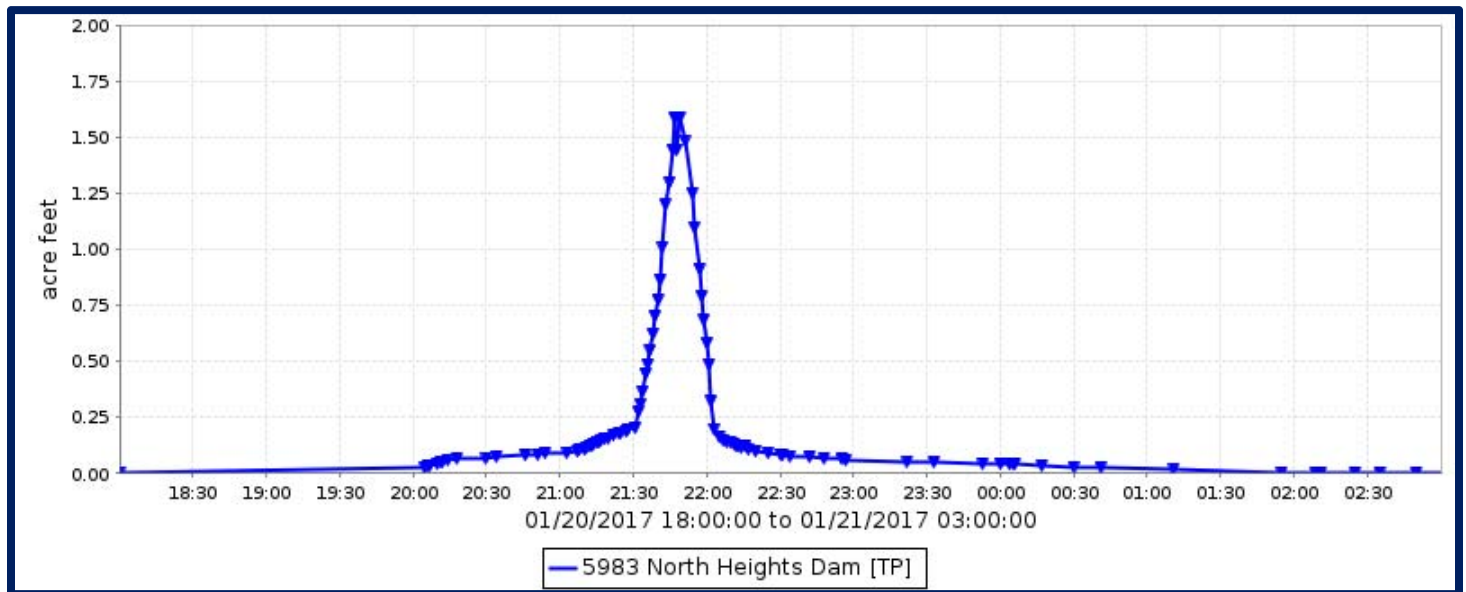
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
12/22/2016	3.67	0.1	0.2
01/01/2017	1.32	0.0	0.0
01/20/2017	7.77	1.6	1.2
02/28/2017	2.69	0.1	0.1
07/24/2017	2.40	0.1	0.1
08/03/2017	1.86	0.1	0.1

Hydrograph of peak WY 2017 impoundment event, 01/20/2017



North Heights Dam, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values												
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1				1									
2													
3											1		
4												3	
5												3	
6												3	
7												3	
8												4	
9												4	
10												3	
11												2	
12												2	
13												2	
14												2	
15												4	
16												5	
17												4	
18												5	
19												5	
20				9								5	
21				1								5	
22			3									5	
23												7	
24										1		7	
25												---	
26												---	
27												---	
28					4							---	
29					---							---	
30					---							---	
31		---			---		---		---			---	
TOTAL	0	0	3	11	4	0	0	0	0	1	1	158	
MEAN	0	0	0	0	0	0	0	0	0	0	0	5	
MAX	0	0	70	142	55	0	0	0	0	50	39	12	
MIN	0	0	0	0	0	0	0	0	0	0	0	0	
AC_FT	0	0	6	22	9	0	0	0	0	3	3	313	
WTR YR 2017	TOTAL		180	MEAN		0	MAX	142	MIN		0	AC_FT	356

North Heights Dam, volume data

Volume, in acre-feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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	0	0	0	2	0	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2017	MEAN		0	MAX	2	MIN	0					

North Heights Dam, stage data

Depth, in feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.2	0.2	0.2	0.3	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	0.3	0.3
4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3
5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3
6	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.4
7	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.4
8	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.4
9	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.4
10	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.4
11	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3
12	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3
13	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3
14	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3
15	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.4
16	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.4
17	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.4
18	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.4
19	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.4
20	0.2	0.2	0.2	0.7	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.4
21	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.4
22	0.2	0.2	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.4
23	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.5
24	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.5
25	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	---
27	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	0.4	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	---
30	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	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.3	0.3	0.4
MAX	0.2	0.2	3.5	7.8	2.7	0.2	0.2	0.2	0.2	2.4	1.9	0.6
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 2017	MEAN	0.27	MAX	7.77	MIN	0.25						

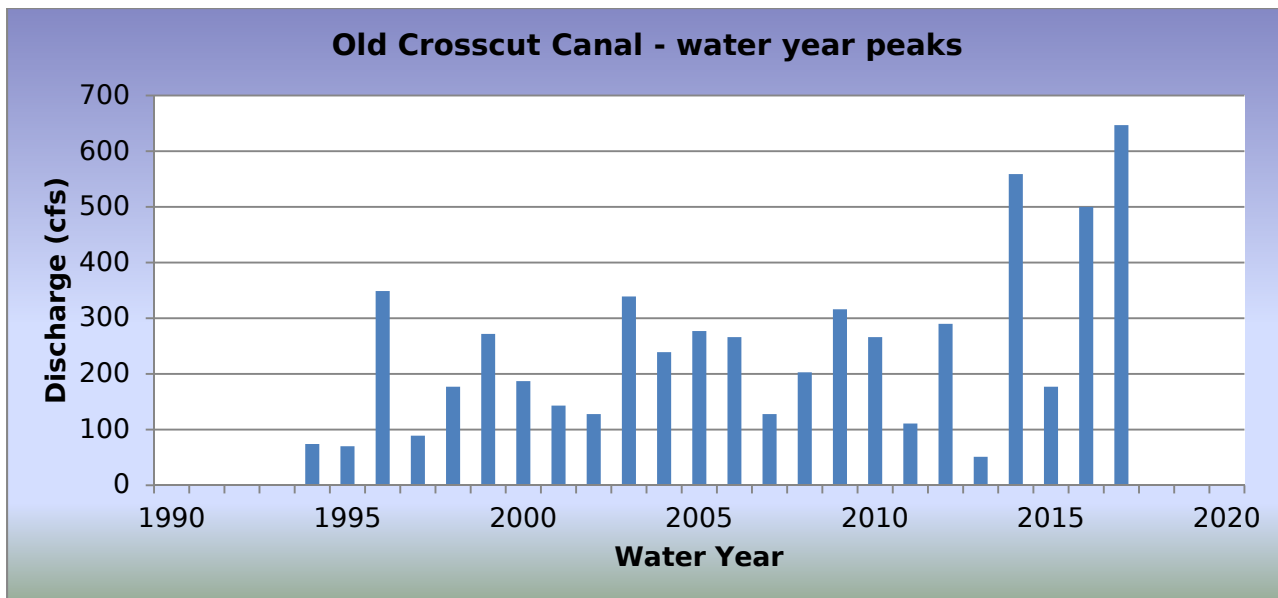
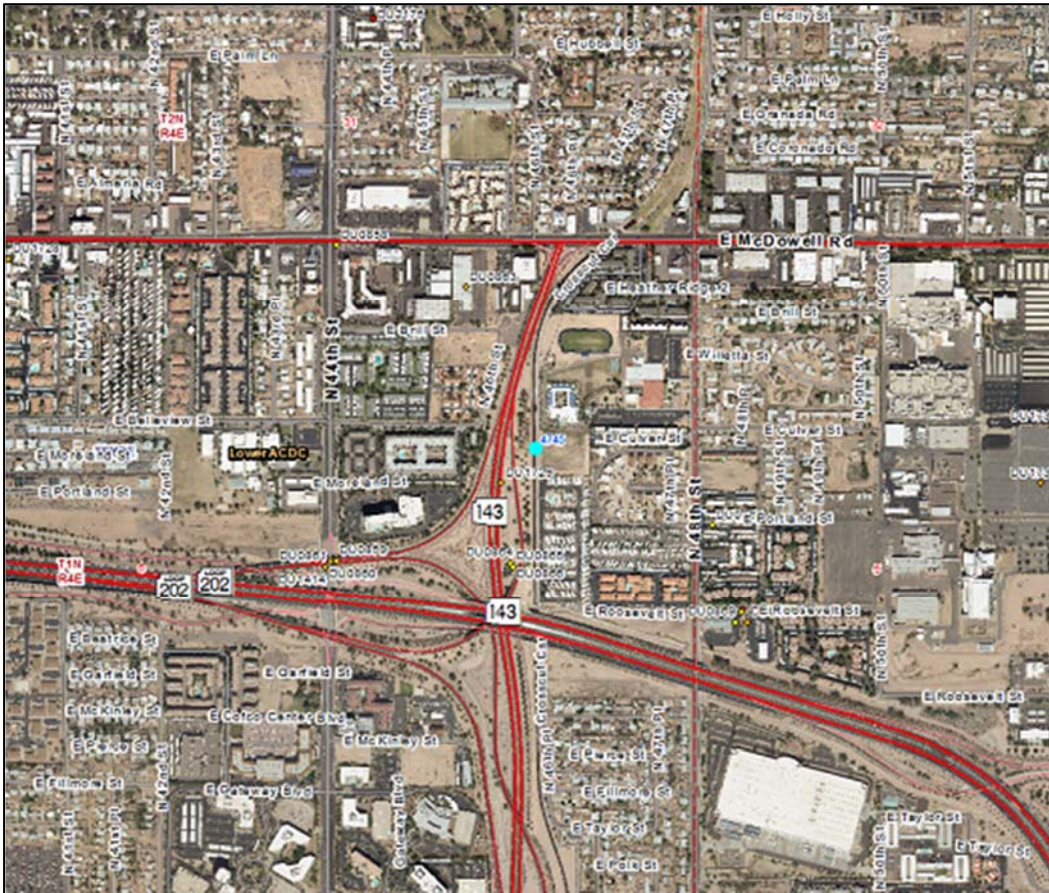
Old Crosscut Canal near McDowell Road, ID #4748



Site Data

LOCATION	Near McDowell Road and SR143
DRAINAGE AREA	Undetermined
STREAM TYPE	Engineered Channel
JURISDICTION	Phoenix, Arizona
WATERSHED	Lower ACDC
SECTION/TOWNSHIP/RANGE	S06 T1N R4E
LATITUDE	N 33° 27' 41.4" +33.46149
LONGITUDE	W 111° 58' 56.1" -111.98224
STREAMGAGE INSTALLATION DATE	07/27/1994 - WY 1994
AVAILABLE PERIOD OF RECORD (POR)	07/27/1994 - Current
LENGTH OF AVAILABLE POR DATA DATA	23.18 Years 8,467 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.13 feet Gage Height
ZERO GAGE HEIGHT ELEVATION	0.00 feet Gage Height
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	559 cfs 2.78 feet 09/08/2014

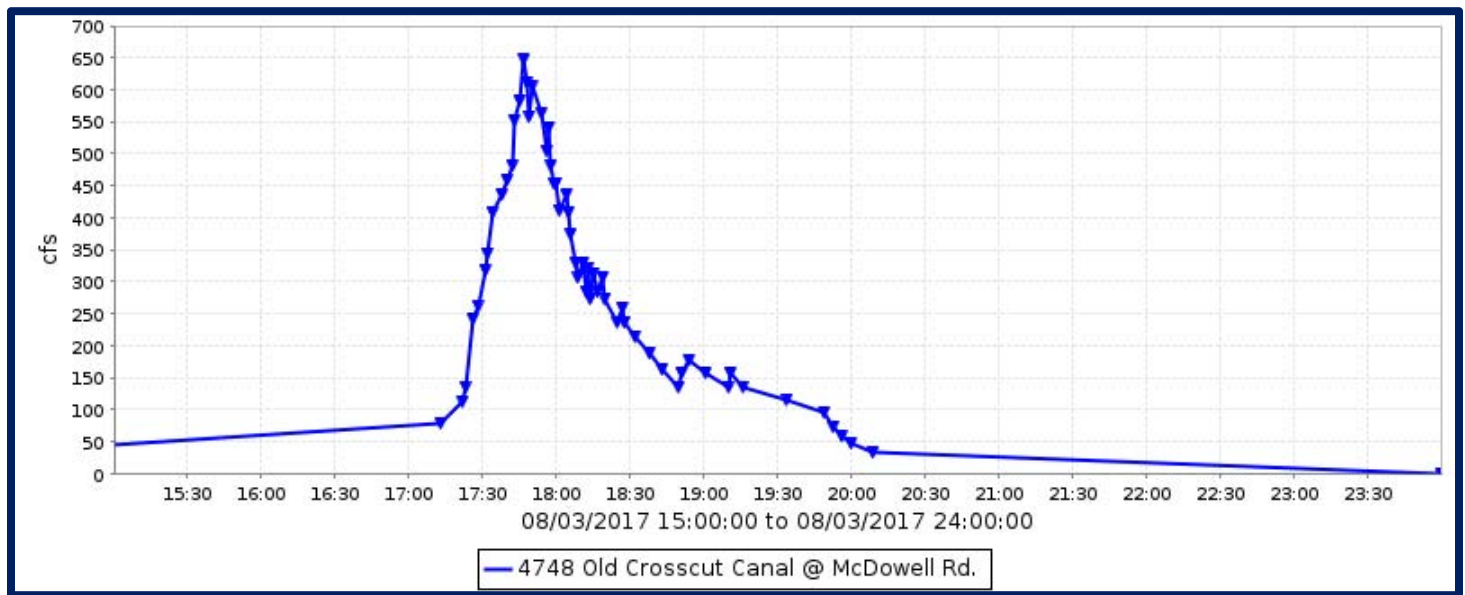
Location Map (watershed not available)



WY2017 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
01/20/2017	0.86	132
03/22/2017	0.78	116
07/10/2017	1.06	173
07/16/2017	2.08	396
07/23/2017	0.46	61
08/03/2017	3.15	647
08/23/2017	0.36	49

Hydrograph of peak WY 2017 flow event, 08/03/2017



Flood Flow Frequency

Runoff at this gage is not always in response to rainfall event, and therefore is not appropriate for flood frequency computation.

Old Crosscut Canal near McDowell Road, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1		25										
2		25										
3		25									33	
4		25										
5		25										
6		25										
7		25										
8		25										
9		25										
10		25	6							83		
11		27								116		
12		25								82		
13		25										
14		25										
15		25	6							1		
16		25								12		
17		25	6							2		
18		25										
19		25										
20		25	6	12								
21		25		8						1		
22		25	6			11						
23		25								6	3	
24	6	25	2							1		
25	25	25										
26	25	25										
27	25	25										
28	25	---			4							
29	25				---							
30	25		2		---							
31	25	---			---		---		---			---
TOTAL	181	725	36	20	4	11	0	0	0	303	36	0
MEAN	6	24	1	1	0	0	0	0	0	10	1	0
MAX	25	31	84	132	55	116	0	0	0	396	647	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	360	1439	71	39	8	22	0	0	0	600	71	0
WTR YR 2017	TOTAL	1315	MEAN	4	MAX	647	MIN	0	AC_FT	2608		

NOTE: There is often a persistent base flow at this site due to SRP releases upstream, and ground water flow into the canal upstream.

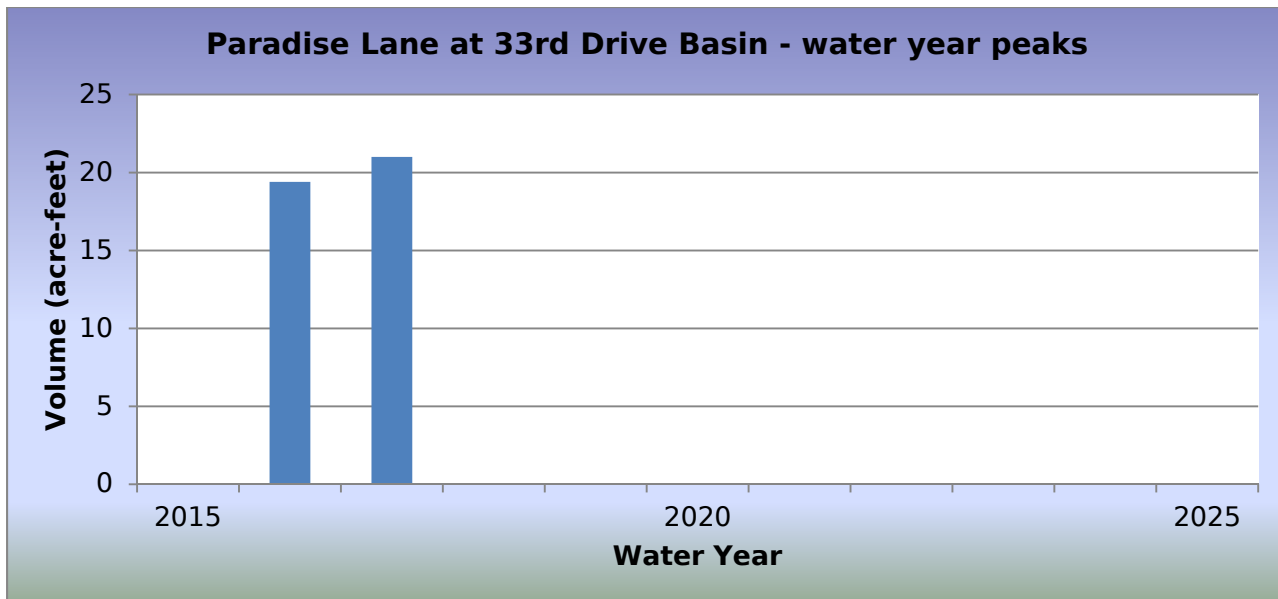
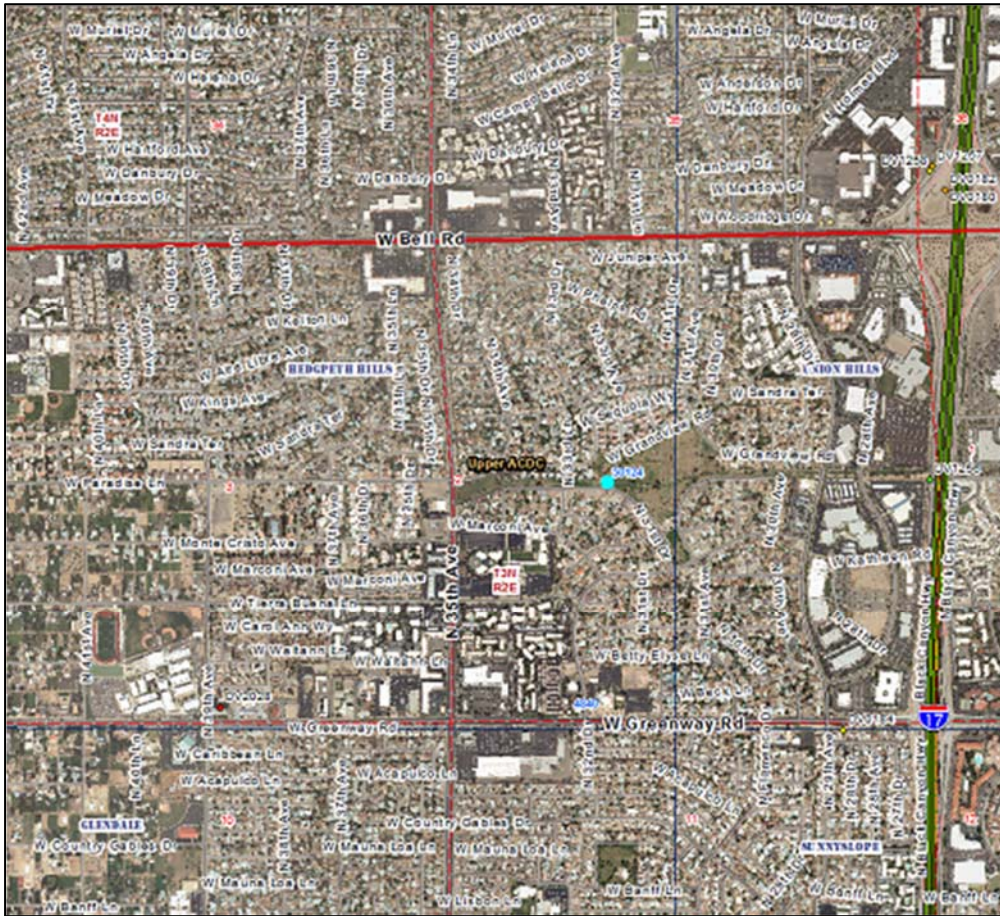
Paradise Lane at 33rd Drive Basin, ID #12407



Site Data

LOCATION	Located along Paradise Lane at the west end of Conocido Park
DRAINAGE AREA	Undetermined
STREAM TYPE	Flood control basin
JURISDICTION	Phoenix, Arizona
WATERSHED	Upper ACDC
SECTION/TOWNSHIP/RANGE	S02 T3N R2E
LATITUDE	N 33° 37' 56.7" +33.63240
LONGITUDE	W 112° 07' 41.2" -112.12812
STREAMGAGE INSTALLATION DATE	10/08/2015 - WY 2016
AVAILABLE PERIOD OF RECORD (POR)	10/08/2015 - Current
LENGTH OF AVAILABLE POR DATA	1.98 Years 724 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.49 feet Gage Height
STAFF GAGES	0
ZERO GAGE HEIGHT ELEVATION	0.00 feet Gage Height
POINT OF ZERO FLOW	0.00 feet Gage Height
SPILLWAY CREST ELEVATION	No spillway
TOP OF BASIN ELEVATION	4.9 feet Gage Height

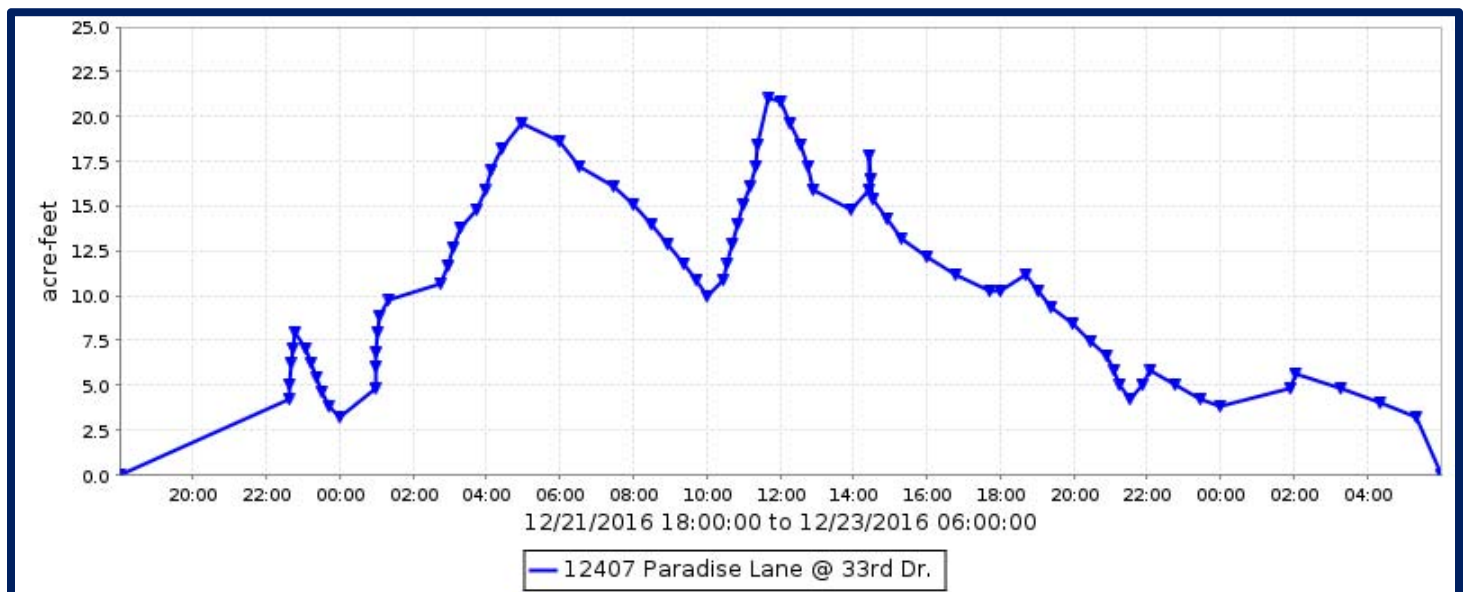
Location Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
10/02/2016	1.08	7.9	9.4
11/03/2016	1.35	10.4	12.4
11/27/2016	1.25	9.5	11.2
12/22/2016	2.32	21.0	24.9
12/24/2016	2.10	18.4	21.7
12/30/2016	0.88	6.2	7.4
01/01/2017	2.15	19.0	22.5
01/03/2017	1.30	10.0	11.8
01/20/2017	1.85	15.6	18.4
01/24/2017	1.60	12.9	15.3
02/19/2017	1.95	16.7	19.7
02/28/2017	2.25	20.2	23.9
07/16/2017	1.26	9.6	11.4
07/24/2017	1.61	11.9	14.1
08/13/2017	1.04	7.6	8.9
08/24/2017	1.21	9.1	10.8

Hydrograph of peak WY 2017 impoundment event, 12/22/2016



Paradise Lane at 33rd Drive Basin, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				8								
2	4											
3		4		3								
4		2										
5												
6												
7												
8												
9												
10												
11												
12												
13											4	
14												
15												
16										1		
17										2		
18					10							
19					11							
20				5								
21			1	5								
22			16									
23			3	7							1	
24			6	3					4		5	
25			3									
26												
27		3			2							
28		2			14							
29					---							
30			1		---							
31		---	4		---		---		---			---
TOTAL	4	10	34	30	37	0	0	0	0	8	10	0
MEAN	0	0	1	1	1	0	0	0	0	0	0	0
MAX	15	16	22	20	21	0	0	0	0	17	16	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	8	20	68	60	72	0	0	0	0	15	20	0
WTR YR 2017	TOTAL	133	MEAN	0	MAX	22	MIN	0	AC_FT	264		

Paradise Lane at 33rd Drive Basin, volume data

Volume, in acre-feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				7								
2	2											
3		2		2								
4		1										
5												
6												
7												
8												
9												
10												
11												
12												
13											2	
14												
15												
16										1		
17										1		
18					5							
19					8							
20				3								
21				3								
22			12									
23			2	5								
24			5	2					3	3		
25			2									
26												
27		1			2							
28		1			12							
29					---							
30					---							
31		---	2		---		---		---			---
MEAN	0	0	1	1	1	0	0	0	0	0	0	0
MAX	8	10	21	19	20	0	0	0	0	13	9	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2017	MEAN		0	MAX	21	MIN	0					

Paradise Lane at 33rd Drive, stage data

Depth, in feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.5	0.5	0.5	1.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
2	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
3	0.5	0.6	0.5	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
7	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
8	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
9	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
10	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
11	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
12	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
13	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.5
14	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
15	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
16	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
17	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.5	0.5
18	0.5	0.5	0.5	0.5	0.9	0.5	0.5	0.5	0.5	0.5	0.5	0.5
19	0.5	0.5	0.5	0.5	1.2	0.5	0.5	0.5	0.5	0.5	0.5	0.5
20	0.5	0.5	0.5	0.7	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
21	0.5	0.5	0.5	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
22	0.5	0.5	1.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
23	0.5	0.5	0.5	0.9	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
24	0.5	0.5	0.8	0.6	0.5	0.5	0.5	0.5	0.5	0.7	0.6	0.5
25	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
26	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
27	0.5	0.6	0.5	0.5	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5
28	0.5	0.5	0.5	0.5	1.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5
29	0.5	0.5	0.5	0.5	---	0.5	0.5	0.5	0.5	0.5	0.5	0.5
30	0.5	0.5	0.5	0.5	---	0.5	0.5	0.5	0.5	0.5	0.5	0.5
31	0.5	---	0.6	0.5	---	0.5	---	0.5	---	0.5	0.5	---
MEAN	0.5	0.5	0.5	0.5	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5
MAX	1.1	1.4	2.3	2.1	2.2	0.5	0.5	0.5	0.5	1.6	1.2	0.5
MIN	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
WTR YR 2017	MEAN	0.51	MAX	2.32	MIN	0.49						

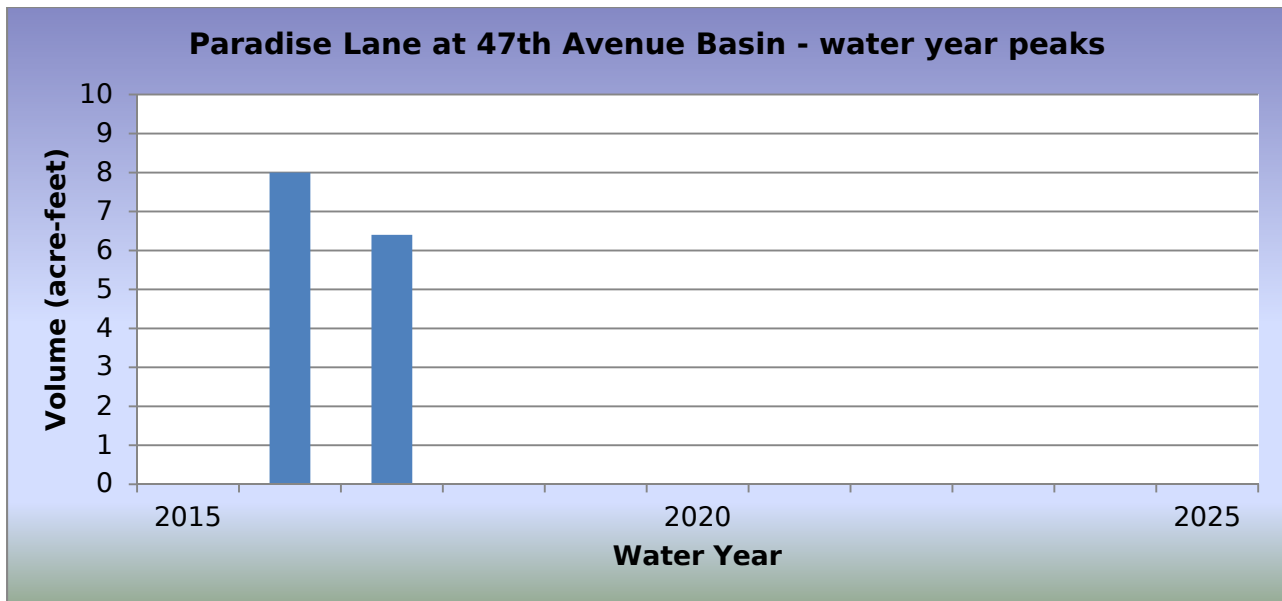
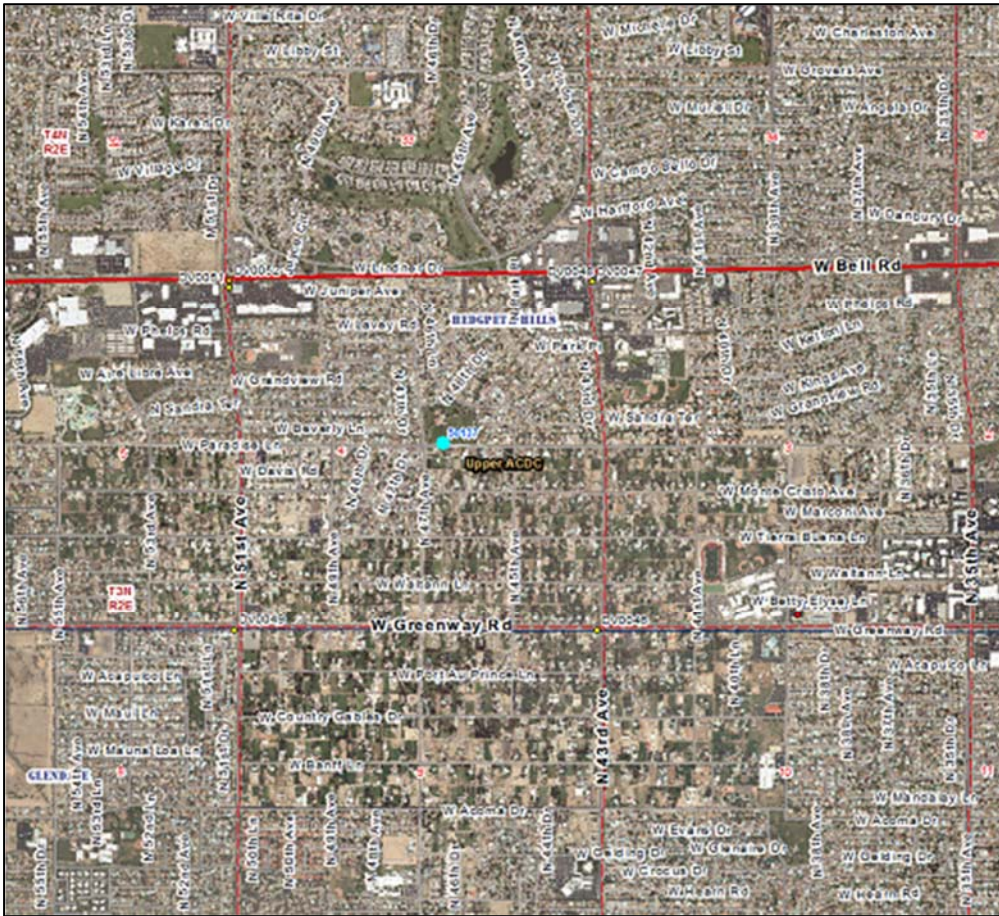
Paradise Lane at 47th Avenue Basin, ID #13707



Site Data

LOCATION	Located on the northeast corner of Paradise Ln and 47th Ave
DRAINAGE AREA	Undetermined
STREAM TYPE	Flood control basin
JURISDICTION	Phoenix, Arizona
WATERSHED	Upper ACDC
SECTION/TOWNSHIP/RANGE	S04 T3N R2E
LATITUDE	N 33° 37' 56.8" +33.63244
LONGITUDE	W 112° 09' 31.4" -112.15873
STREAMGAGE INSTALLATION DATE	10/08/2015 - WY 2016
AVAILABLE PERIOD OF RECORD (POR)	10/08/2015 - Current
LENGTH OF AVAILABLE POR DATA	1.98 Years 724 Days
DATA GAPS IN POR	03/21/2017 - present
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	
STAFF GAGES	0
ZERO GAGE HEIGHT ELEVATION	
POINT OF ZERO FLOW	0.00 feet Gage Height
SPILLWAY CREST ELEVATION	No spillway
TOP OF BASIN ELEVATION	4.5 feet Gage Height

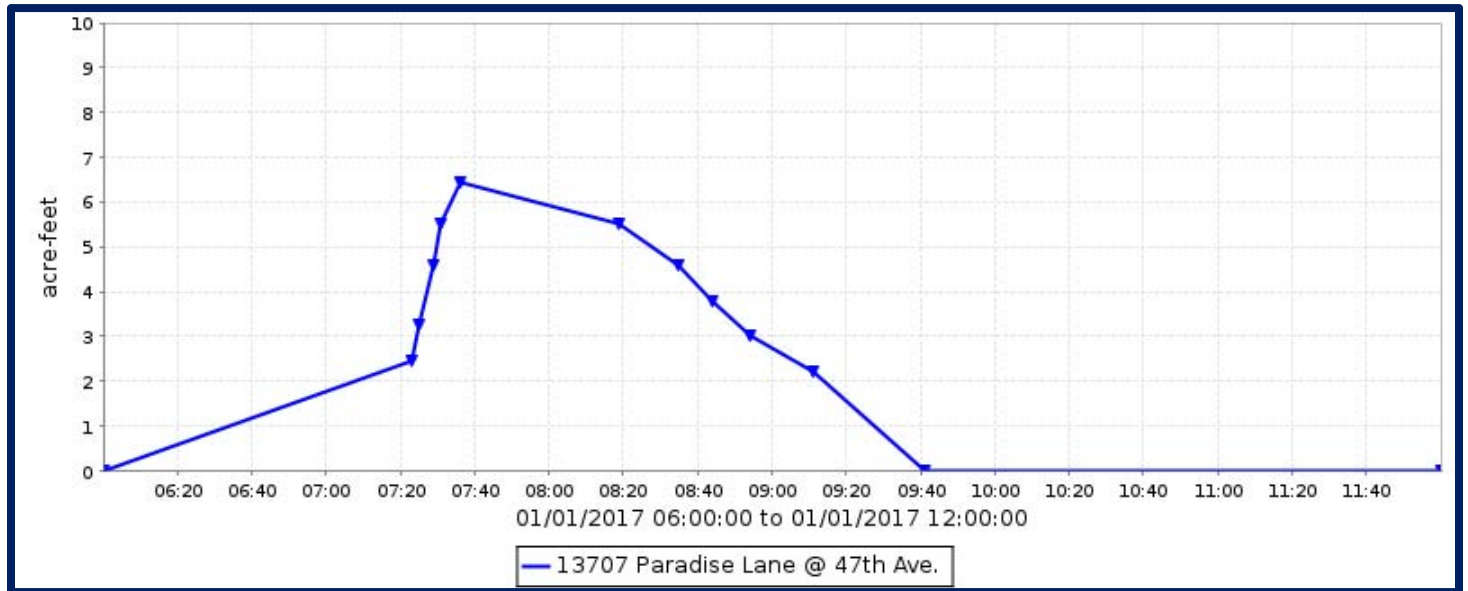
Location Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
01/01/2017	0.70	6.4	15.5

Hydrograph of peak WY 2017 impoundment event, 01/01/2017



Paradise Lane at 47th Avenue Basin, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values														
	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		---	---	---	---	---	---	---	---	---	---	---			
TOTAL	0	0	---	---	---	---	---	---	---	---	---	---			
MEAN	0	0	---	---	---	---	---	---	---	---	---	---			
MAX	0	0	---	---	---	---	---	---	---	---	---	---			
MIN	0	0	---	---	---	---	---	---	---	---	---	---			
AC_FT	0	0	---	---	---	---	---	---	---	---	---	---			
WTR YR 2017	TOTAL		0	MEAN		0	MAX		0	MIN		0	AC_FT		0

Paradise Lane at 47th Avenue Basin, volume data

Volume, in acre-feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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	---	---	---	---	---	---
MAX	0	0	0	6	0	0	---	---	---	---	---	---
MIN	0	0	0	0	0	0	---	---	---	---	---	---
WTR YR 2017	MEAN		0	MAX	6	MIN	0					

Paradise Lane at 47th Avenue Basin, stage data

Depth, in feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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	---	---	---	---	---	---
2	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	---	---	---	---	---	---
4	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	---	---	---	---	---	---
6	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	---	---	---	---	---	---
8	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	---	---	---	---	---	---
10	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	---	---	---	---	---	---
12	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	---	---	---	---	---	---
14	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	---	---	---	---	---	---
16	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	---	---	---	---	---	---
18	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	---	---	---	---	---	---
20	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	---	---	---	---	---	---
22	0.1	0.1	0.1	0.1	0.1	---	---	---	---	---	---	---
23	0.1	0.1	0.1	0.1	0.1	---	---	---	---	---	---	---
24	0.1	0.1	0.1	0.1	0.1	---	---	---	---	---	---	---
25	0.1	0.1	0.1	0.1	0.1	---	---	---	---	---	---	---
26	0.1	0.1	0.1	0.1	0.1	---	---	---	---	---	---	---
27	0.1	0.1	0.1	0.1	0.1	---	---	---	---	---	---	---
28	0.1	0.1	0.1	0.1	0.1	---	---	---	---	---	---	---
29	0.1	0.1	0.1	0.1	---	---	---	---	---	---	---	---
30	0.1	0.1	0.1	0.1	---	---	---	---	---	---	---	---
31	0.1	---	0.1	0.1	---	---	---	---	---	---	---	---
MEAN	0.1	0.1	0.1	0.1	0.1	0.1	---	---	---	---	---	---
MAX	0.1	0.1	0.1	0.7	0.1	0.1	---	---	---	---	---	---
MIN	0.1	0.1	0.1	0.1	0.1	0.1	---	---	---	---	---	---
WTR YR 2017	MEAN	0.10	MAX	0.70	MIN	0.10						

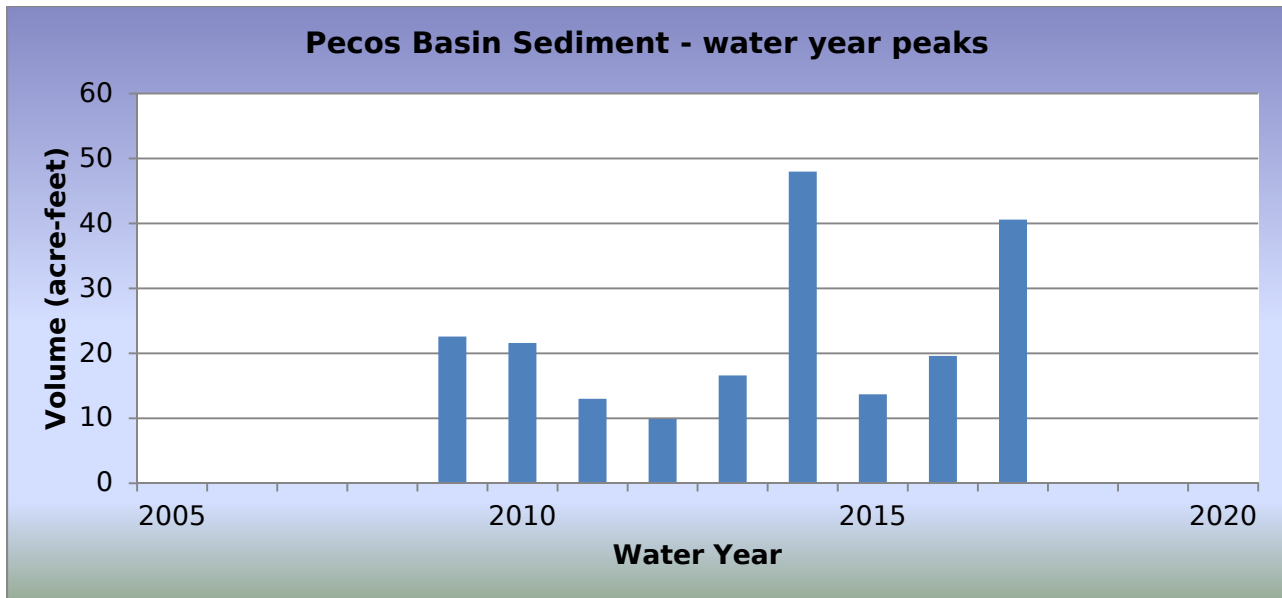
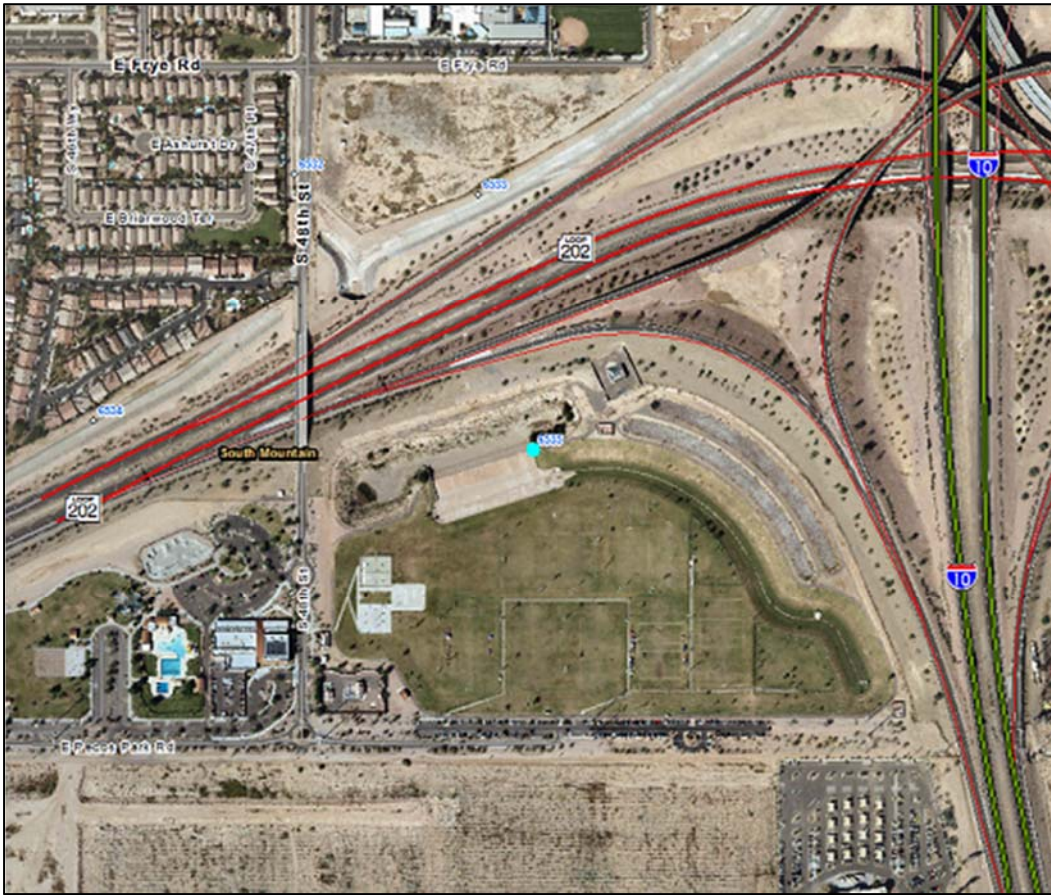
Pecos Sediment Basin, ID #6537



Site Data

LOCATION	In Pecos Park near 48th Street and Loop 202
DRAINAGE AREA	5.0 mi ²
STREAM TYPE	Engineered Drainage System
JURISDICTION	Phoenix, Arizona
WATERSHED	South Mountain
SECTION/TOWNSHIP/RANGE	S32 T1S R4E
LATITUDE	N 33° 17' 38.3" +33.29396
LONGITUDE	W 111° 58' 39.0" -111.97751
STREAMGAGE INSTALLATION DATE	01/06/2009 - WY 2009
AVAILABLE PERIOD OF RECORD (POR)	01/06/2009 - Current
LENGTH OF AVAILABLE POR DATA	8.73 Years 3,190 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	1.48 feet Gage Height
STAFF GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,140.00 feet M.S.L.
POINT OF ZERO FLOW (GATED OUTLET)	4.71 feet Gage Height
SEDIMENT BASIN WEIR ELEVATION	18.0 feet Gage Height
BASIN SPILLWAY CREST ELEVATION	21.0 feet Gage Height
TOP OF DAM ELEVATION	22.0 feet Gage Height

Location Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
11/02/2016	2.27	4.1	9.1
11/04/2016	4.07	7.8	17.0
12/17/2016	2.50	4.6	10.1
12/18/2016	2.99	5.6	12.2
12/22/2016	5.34	10.5	22.9
12/25/2016	5.78	11.4	24.9
01/21/2017	5.73	11.3	24.7
02/20/2017	5.43	10.7	23.3
07/24/2017	7.73	16.0	34.8
08/13/2017	16.38	40.6	88.3

Hydrograph of peak WY 2017 impoundment event, 08/13/2017



Pecos Sediment Basin, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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											38	
14											37	
15											35	
16											33	
17											31	
18											29	
19											27	
20											25	
21											22	
22											19	
23											17	
24										10	24	
25										14	21	
26										9	18	
27										3	14	
28											10	
29					---						5	
30					---						2	
31		---			---		---		---			---
TOTAL	0	0	1	1	0	0	0	0	0	37	404	0
MEAN	0	0	0	0	0	0	0	0	0	1	13	0
MAX	0	0	2	1	0	0	0	0	0	17	40	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	1	1	0	0	0	0	0	73	801	0
WTR YR 2017	TOTAL	442	MEAN	1	MAX	40	MIN	0	AC_FT	876		

Pecos Sediment Basin, volume data

Volume, in acre-feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				6	5	5					7	9
2		1		6	4	5					7	8
3		5		5	4	4					6	7
4		7		4	3	3					5	6
5		6		4	3	3					4	5
6		6		4	4	3					3	4
7		6		4	3	3					2	2
8		5		3	3	3					1	
9		5		4	3	2					1	
10		5		4	3	2						
11		4		4	3	2						
12		3		4	3	2						
13				4	3	2					37	
14				4	3	2					36	
15				4	3	2					33	
16			1	4	3	2					30	
17			4	4	3	2				1	28	
18			4	4	4	2				1	25	
19			4	4	9	2					23	
20			3	5	10	2					21	
21			4	11	9	2					19	
22			8	10	8	2					17	
23			10	10	8	3				2	16	
24			10	9	8	2				14	21	
25			10	9	7	3				15	19	
26			10	8	7	2				13	17	
27			9	8	6	2				12	15	
28			8	7	6	2				11	13	
29			7	6	---	2				10	12	
30			7	6	---					9	11	
31		---	7	5	---		---		---	7	10	---
MEAN	0	2	3	6	5	2	0	0	0	3	14	1
MAX	0	8	11	11	11	6	0	0	0	16	41	10
MIN	0	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2017	MEAN		3	MAX	41	MIN	0					

Pecos Sediment Basin, stage data

Depth, in feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.5	1.5	1.5	3.3	2.5	2.8	1.5	1.5	1.5	1.5	3.7	4.5
2	1.5	1.7	1.5	3.1	2.3	2.6	1.5	1.5	1.5	1.5	3.5	4.1
3	1.5	2.6	1.5	2.8	2.2	2.3	1.5	1.5	1.5	1.5	3.1	3.6
4	1.5	3.7	1.5	2.4	2.2	2.1	1.5	1.5	1.5	1.5	2.7	3.1
5	1.5	3.4	1.5	2.2	2.1	2.0	1.5	1.5	1.5	1.5	2.3	2.7
6	1.5	3.2	1.5	2.2	2.2	2.1	1.5	1.5	1.5	1.5	2.0	2.2
7	1.5	3.0	1.5	2.3	2.1	2.1	1.5	1.5	1.5	1.5	1.8	1.8
8	1.5	2.7	1.5	2.2	2.0	2.0	1.5	1.5	1.5	1.5	1.6	1.5
9	1.5	2.6	1.5	2.3	2.0	1.9	1.5	1.5	1.5	1.5	1.6	1.5
10	1.5	2.5	1.5	2.2	1.9	1.9	1.5	1.5	1.5	1.5	1.5	1.5
11	1.5	2.3	1.5	2.3	1.9	1.8	1.5	1.5	1.5	1.5	1.5	1.5
12	1.5	2.0	1.5	2.2	2.0	1.8	1.5	1.5	1.5	1.5	1.5	1.5
13	1.5	1.5	1.5	2.3	2.0	1.8	1.5	1.5	1.5	1.5	15.4	1.5
14	1.5	1.5	1.5	2.2	2.0	1.8	1.5	1.5	1.5	1.5	14.9	1.5
15	1.5	1.5	1.5	2.3	2.0	1.8	1.5	1.5	1.5	1.5	13.9	1.5
16	1.5	1.5	1.6	2.2	2.0	1.8	1.5	1.5	1.5	1.5	13.1	1.5
17	1.5	1.5	2.3	2.3	2.0	1.7	1.5	1.5	1.5	1.6	12.2	1.5
18	1.5	1.5	2.4	2.3	2.4	1.7	1.5	1.5	1.5	1.6	11.3	1.5
19	1.5	1.5	2.2	2.4	4.7	1.7	1.5	1.5	1.5	1.5	10.5	1.5
20	1.5	1.5	2.1	2.6	4.9	1.7	1.5	1.5	1.5	1.5	9.8	1.5
21	1.5	1.5	2.1	5.4	4.6	1.7	1.5	1.5	1.5	1.5	9.0	1.5
22	1.5	1.5	4.2	5.3	4.3	1.8	1.5	1.5	1.5	1.5	8.3	1.5
23	1.5	1.5	5.2	4.9	4.3	2.0	1.5	1.5	1.5	2.0	7.7	1.5
24	1.5	1.5	5.2	4.7	4.1	1.9	1.5	1.5	1.5	6.8	9.5	1.5
25	1.5	1.5	5.3	4.6	3.9	1.9	1.5	1.5	1.5	7.2	8.8	1.5
26	1.5	1.5	5.0	4.4	3.5	1.9	1.5	1.5	1.5	6.4	8.0	1.5
27	1.5	1.5	4.5	4.1	3.4	1.8	1.5	1.5	1.5	5.9	7.2	1.5
28	1.5	1.5	4.3	3.8	3.1	1.8	1.5	1.5	1.5	5.4	6.6	1.5
29	1.5	1.5	3.8	3.4	---	1.8	1.5	1.5	1.5	4.9	6.0	1.5
30	1.5	1.5	3.5	3.0	---	1.5	1.5	1.5	1.5	4.5	5.5	1.5
31	1.5	---	3.5	2.8	---	1.5	---	1.5	---	3.9	5.0	---
MEAN	1.5	1.9	2.6	3.1	2.8	1.9	1.5	1.5	1.5	2.6	6.8	1.9
MAX	1.5	4.1	5.8	5.7	5.4	3.4	1.5	1.5	1.5	7.7	16.4	5.1
MIN	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
WTR YR 2017	MEAN	2.46	MAX	16.38	MIN	1.48						

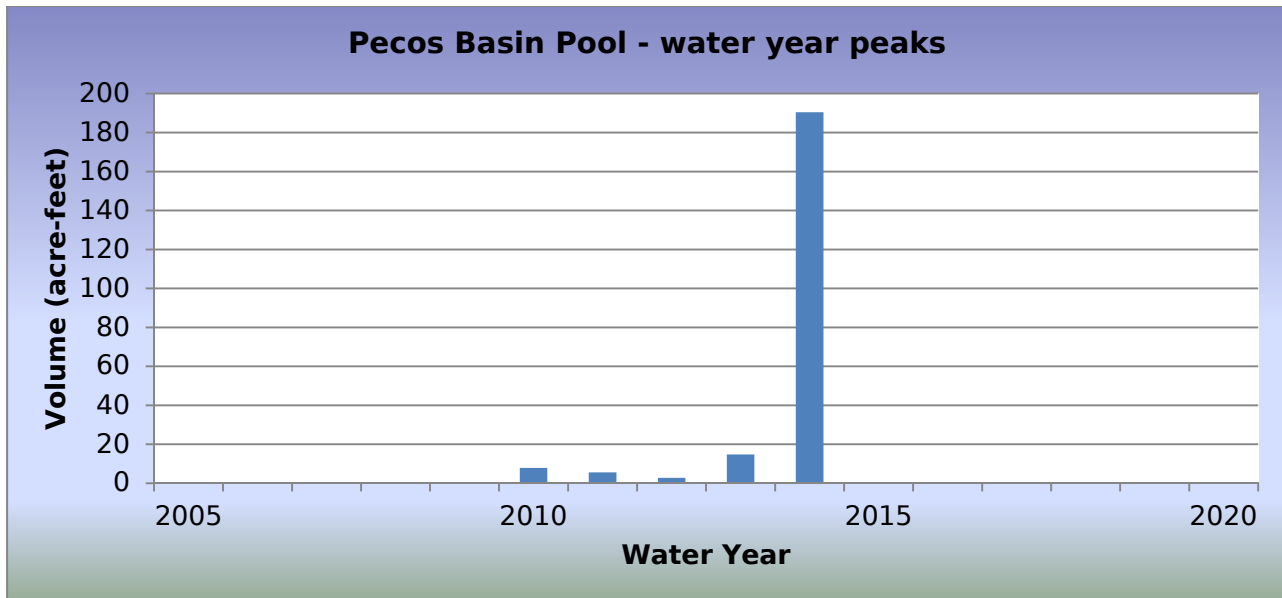
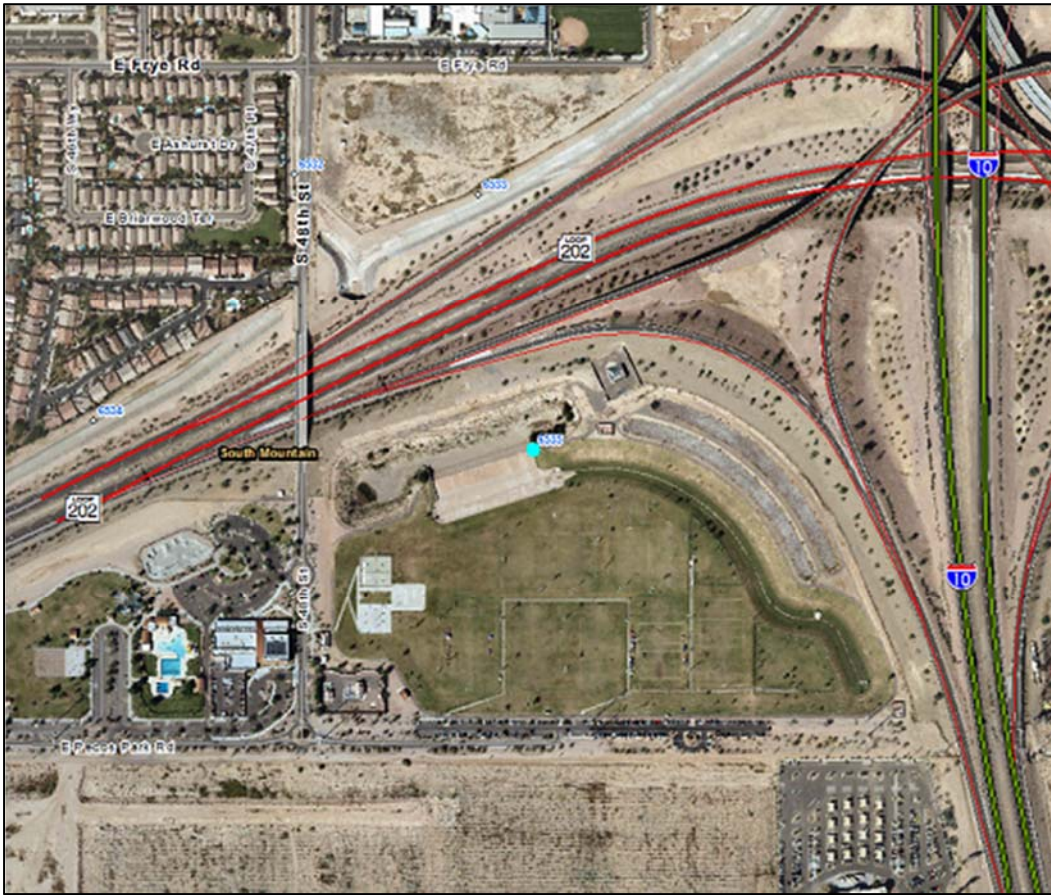
Pecos Basin Pool, ID #6538



Site Data

LOCATION	In Pecos Park near 48th Street and Loop 202
DRAINAGE AREA	5.0 mi ²
STREAM TYPE	Engineered Drainage System
JURISDICTION	Phoenix, Arizona
WATERSHED	South Mountain
SECTION/TOWNSHIP/RANGE	S32 T1S R4E
LATITUDE	N 33° 17' 38.3" +33.29369
LONGITUDE	W 111° 58' 39.0" -111.97751
STREAMGAGE INSTALLATION DATE	01/06/2009 - WY 2009
AVAILABLE PERIOD OF RECORD (POR)	01/06/2009 - Current
LENGTH OF AVAILABLE POR DATA	8.73 Years 3,190 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	6.05 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,140.00 feet M.S.L.
PZF (GATED OUTLET, ABOUT 1600 FT DS)	1.75 feet Gage Height
SPILLWAY CREST ELEVATION	21.0 feet Gage Height
TOP OF DAM ELEVATION	22.0 feet Gage Height

Location Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
No impoundment			

Hydrograph of peak WY 2017 impoundment event

There were no recorded impoundments during Water Year 2017.

Pecos Basin Pool, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values														
	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		---			---		---		---			---			
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 2017	TOTAL		0	MEAN		0	MAX		0	MIN		0	AC_FT		0

Pecos Basin Pool, volume data

Volume, in acre-feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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	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 2017	MEAN		0	MAX	0	MIN	0					

Pecos Basin Pool, stage data

Depth, in feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
2	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
3	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
4	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
5	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	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
7	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
8	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
9	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
10	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
11	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
12	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
13	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
14	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
15	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
16	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
17	6.0	---	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
18	6.0	---	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
19	6.0	---	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
20	6.0	---	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
21	6.0	---	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
22	6.0	---	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
23	6.0	---	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
24	6.0	---	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
25	6.0	---	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
26	6.0	---	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
27	6.0	---	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
28	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
29	6.0	6.0	6.0	6.0	---	6.0	6.0	6.0	6.0	6.0	6.0	6.0
30	6.0	6.0	6.0	6.0	---	6.0	6.0	6.0	6.0	6.0	6.0	6.0
31	6.0	---	6.0	6.0	---	6.0	---	6.0	---	6.0	6.0	---
MEAN	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
MAX	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
MIN	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
WTR YR 2017	MEAN	6.05	MAX	6.05	MIN	6.05						

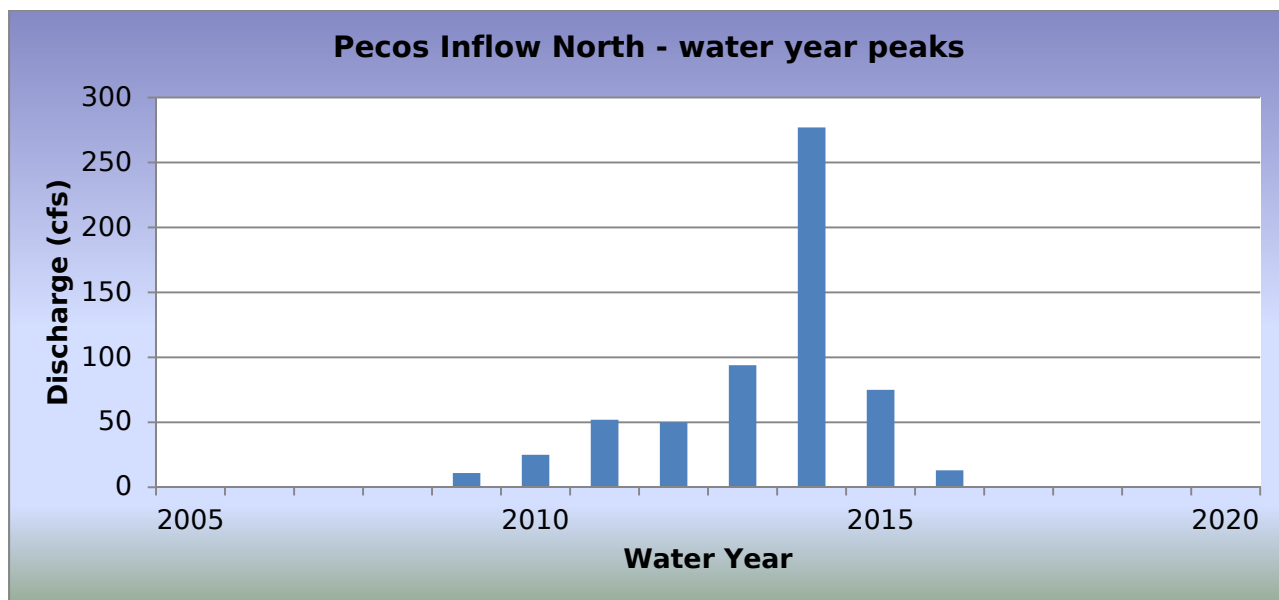
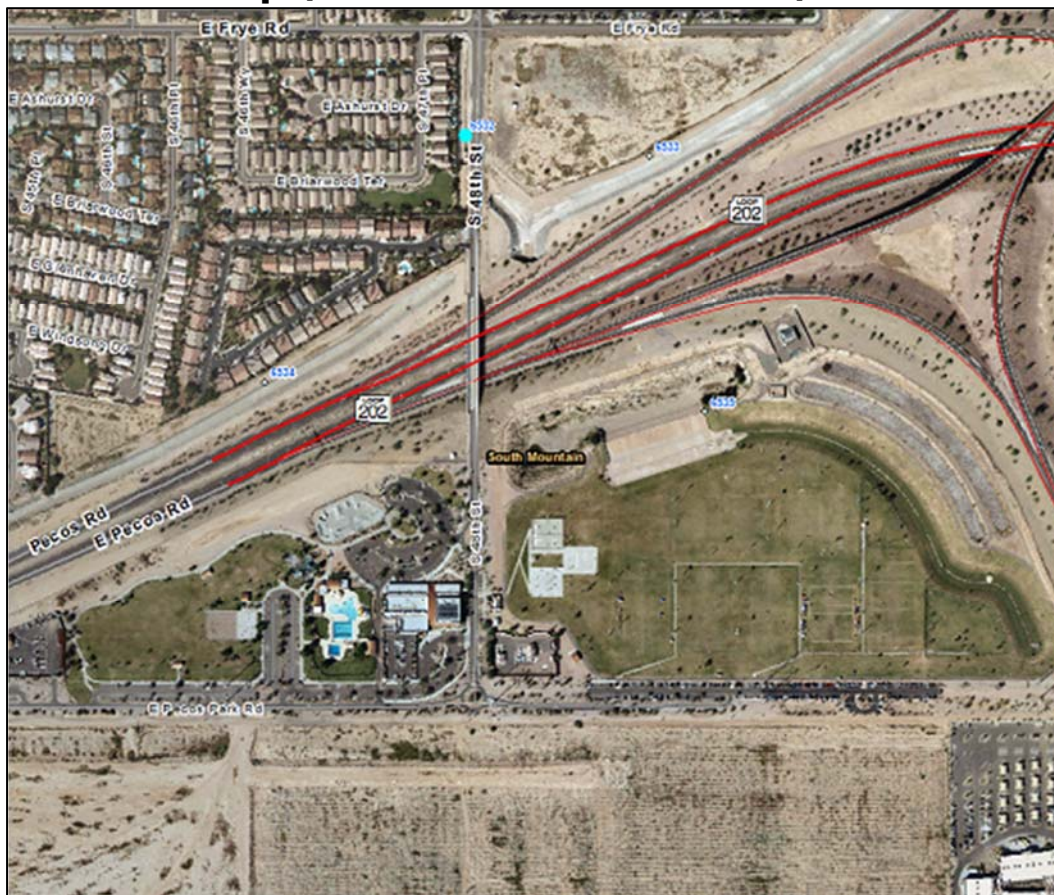
Pecos North Inflow, ID #6532



Site Data

LOCATION	Located on 48th Street south of Frye Road
DRAINAGE AREA	Not Determined
STREAM TYPE	Engineered Channel
JURISDICTION	Phoenix, Arizona
WATERSHED	South Mountain
SECTION/TOWNSHIP/RANGE	S31 T1S R4E
LATITUDE	N 33° 17' 49.0" +33.29695
LONGITUDE	W 111° 58' 49.8" -111.98051
STREAMGAGE INSTALLATION DATE	01/21/2009 - WY 2009
AVAILABLE PERIOD OF RECORD (POR)	01/21/2009 - Current
LENGTH OF AVAILABLE POR DATA	8.69 Years 3,175 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.10 feet Gage Height
STAFF GAGES	None
CREST STAGE GAGES	None
ZERO GAGE HEIGHT ELEVATION	0.00 feet Gage Height
POINT OF ZERO FLOW	0.06 feet Gage Height
EXTREME FOR PERIOD OF RECORD	277 cfs 3.12 feet Gage Height 09/08/2014

Location Map (watershed not defined)



WY2017 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
None		

Hydrograph of peak WY 2017 flow event

There was no runoff recorded at this gage in Water Year 2017.

Flood Flow Frequency

There is not enough data to compute a flood flow frequency for this gage station.

Pecos North Inflow, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values														
	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		---			---		---		---			---			
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 2017	TOTAL		0	MEAN		0	MAX		0	MIN		0	AC_FT		0

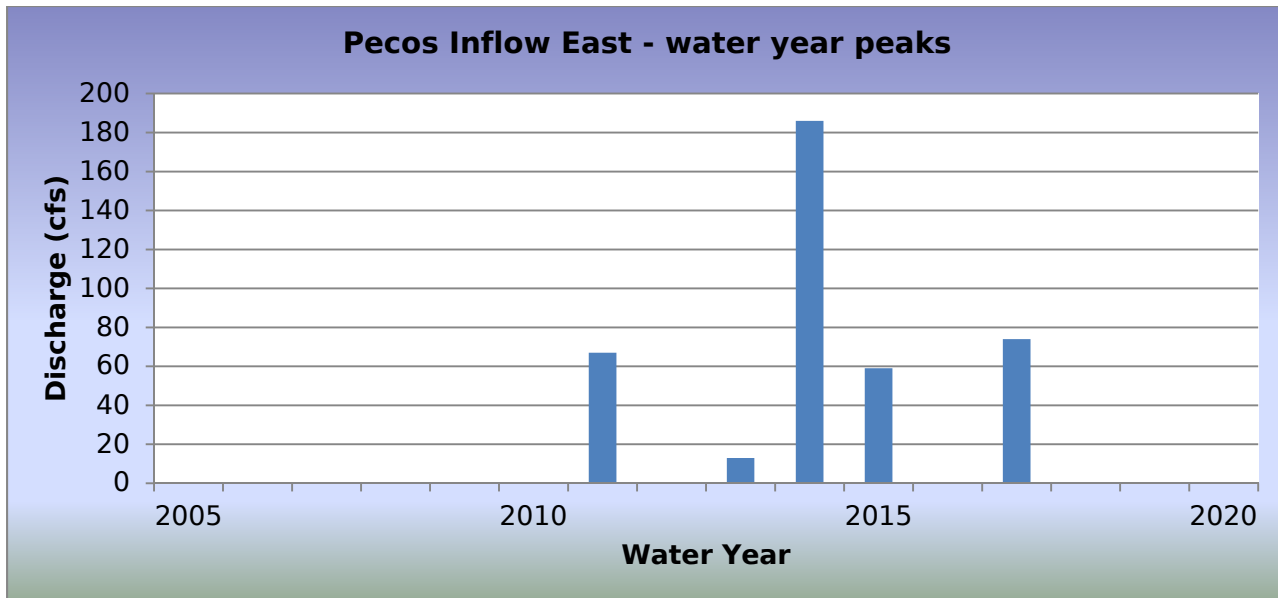
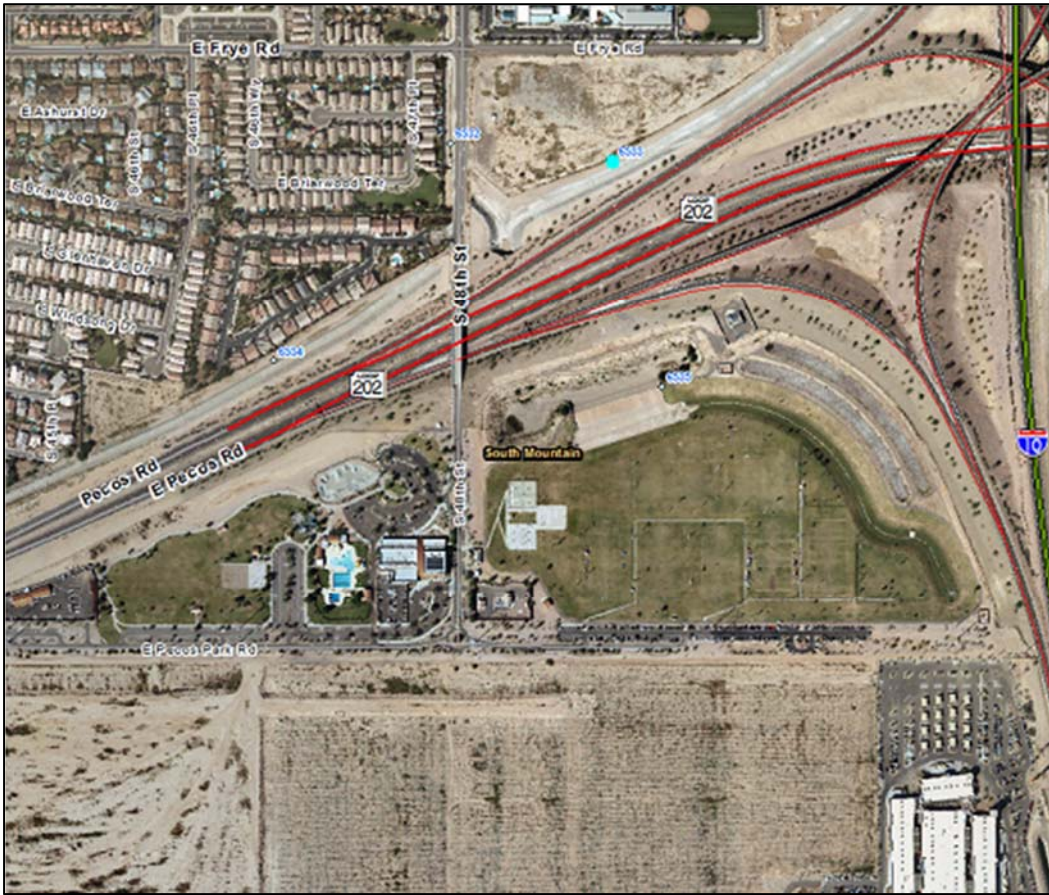
Pecos East Inflow, ID #6533



Site Data

LOCATION	Located east of 48th Street on the north side of SR 202L
DRAINAGE AREA	Not Determined
STREAM TYPE	Engineered Channel
JURISDICTION	Phoenix, Arizona
WATERSHED	South Mountain
SECTION/TOWNSHIP/RANGE	S32 T1S R4E
LATITUDE	N 33° 17' 47.9" +33.29663
LONGITUDE	W 111° 58' 41.5" -111.97820
STREAMGAGE INSTALLATION DATE	01/21/2009 - WY 2009
AVAILABLE PERIOD OF RECORD (POR)	01/21/2009 - Current
LENGTH OF AVAILABLE POR DATA	8.69 Years 3,175 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.73 feet Gage Height
STAFF GAGES	None
CREST STAGE GAGES	None
ZERO GAGE HEIGHT ELEVATION	0.00 feet Gage Height
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	186 cfs 1.86 feet gage height 09/08/2014

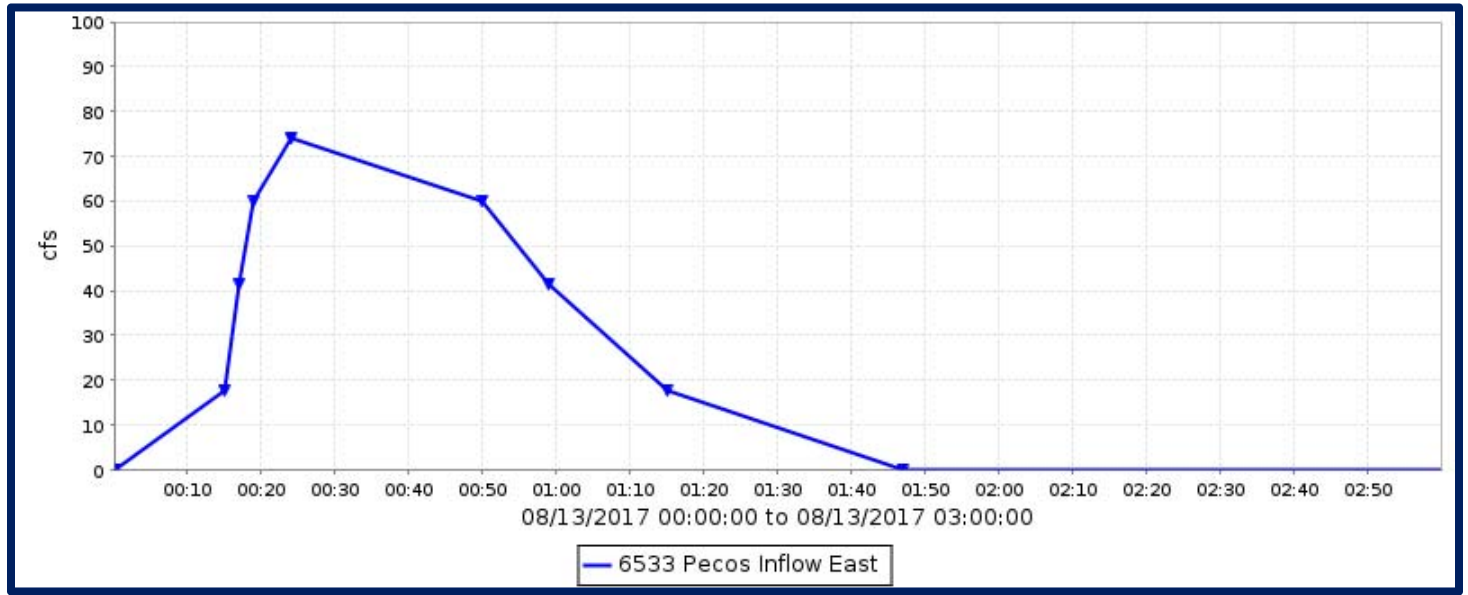
Location Map



WY2017 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
08/13/2017	1.18	74

Hydrograph of peak WY 2017 flow event, 08/13/2017



Flood Flow Frequency

There is not enough data to compute a flood flow frequency for this gage station.

Pecos East Inflow, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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											3	
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	0	3	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	74	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	6	0
WTR YR 2017	TOTAL		3	MEAN	0	MAX	74	MIN	0	AC_FT	6	

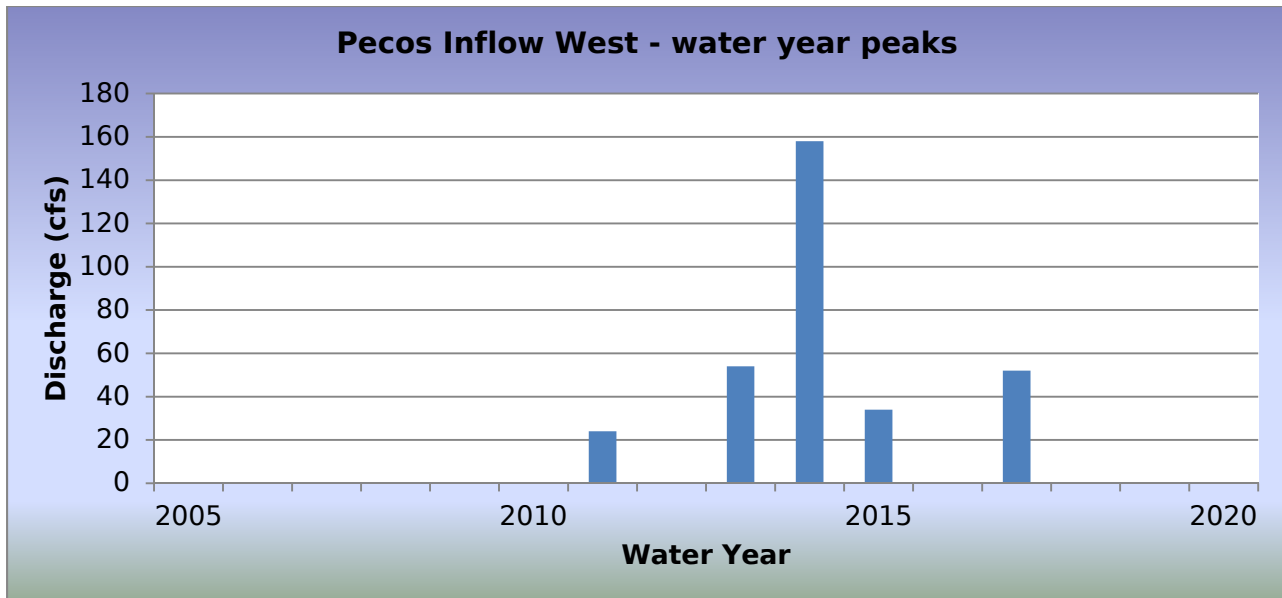
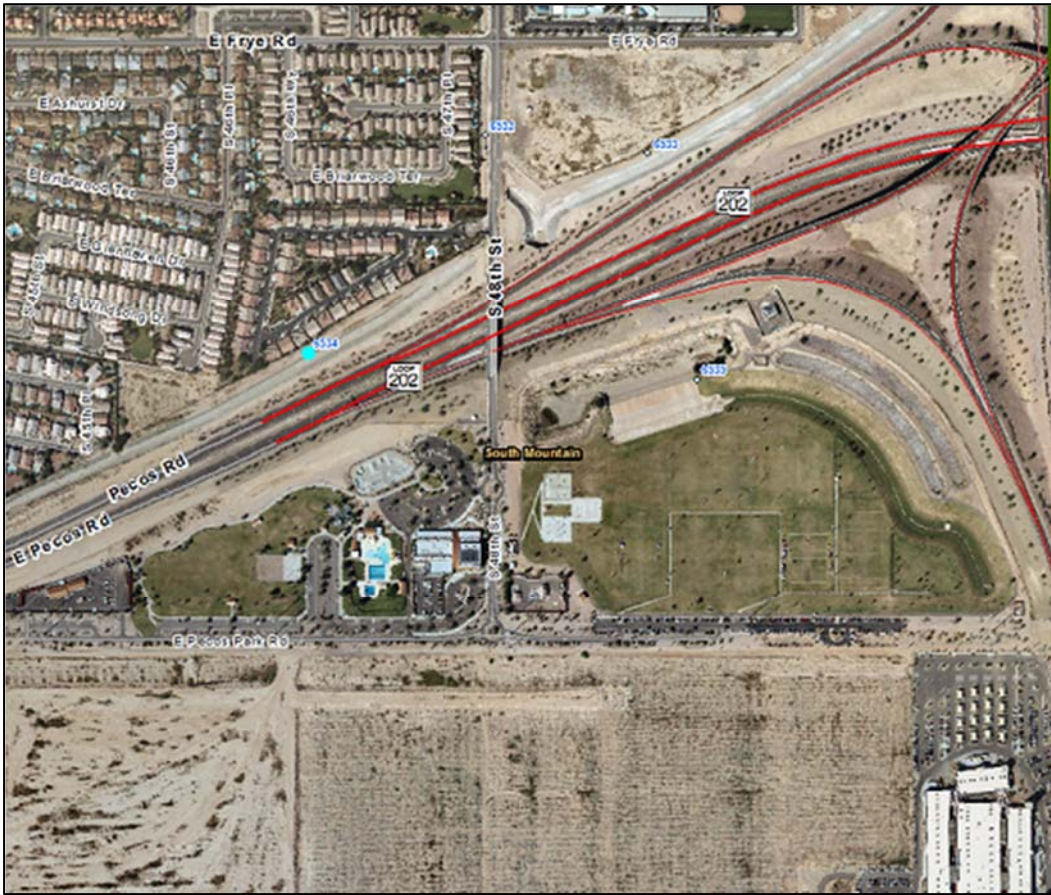
Pecos West Inflow, ID #6534



Site Data

LOCATION	Located west of 48th Street and north of SR 202L
DRAINAGE AREA	Not Determined
STREAM TYPE	Engineered Channel
JURISDICTION	Phoenix, Arizona
WATERSHED	South Mountain
SECTION/TOWNSHIP/RANGE	S31 T1S R4E
LATITUDE	N 33° 17' 39.3" +33.29425
LONGITUDE	W 111° 58' 58.7" -111.98298
STREAMGAGE INSTALLATION DATE	01/21/2009 - WY 2009
AVAILABLE PERIOD OF RECORD (POR)	01/21/2009 - Current
LENGTH OF AVAILABLE POR DATA	8.69 Years 3,175 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.75 feet Gage Height
STAFF GAGES	None
CREST STAGE GAGES	None
ZERO GAGE HEIGHT ELEVATION	0.00 feet Gage Height
POINT OF ZERO FLOW	0.05 feet Gage Height
EXTREME FOR PERIOD OF RECORD	158 cfs 2.60 feet Gage Height 09/08/2014

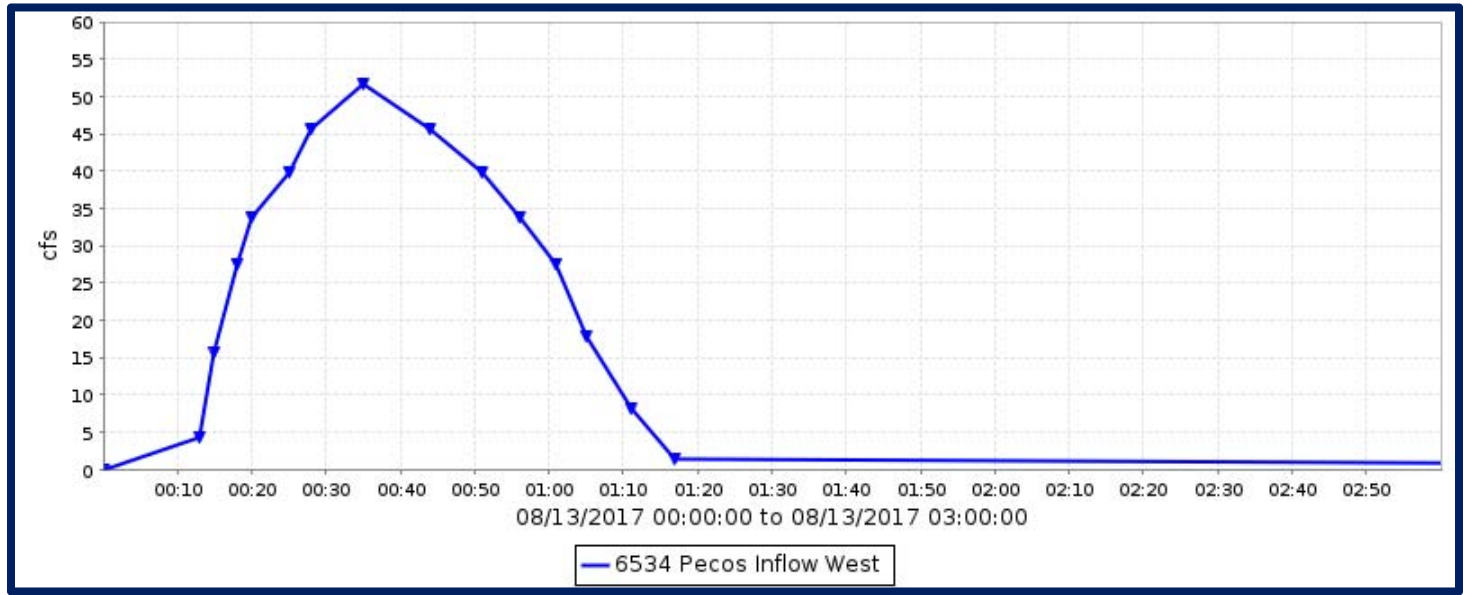
Location Map



WY2017 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
08/13/2017	1.50	52

Hydrograph of peak WY 2017 flow event, 08/13/2017



Flood Flow Frequency

There is not enough data to compute a flood flow frequency for this gage station.

Pecos West Inflow, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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											2	
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	0	2	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	52	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	4	0
WTR YR 2017	TOTAL		2	MEAN	0	MAX	52	MIN	0	AC_FT		4

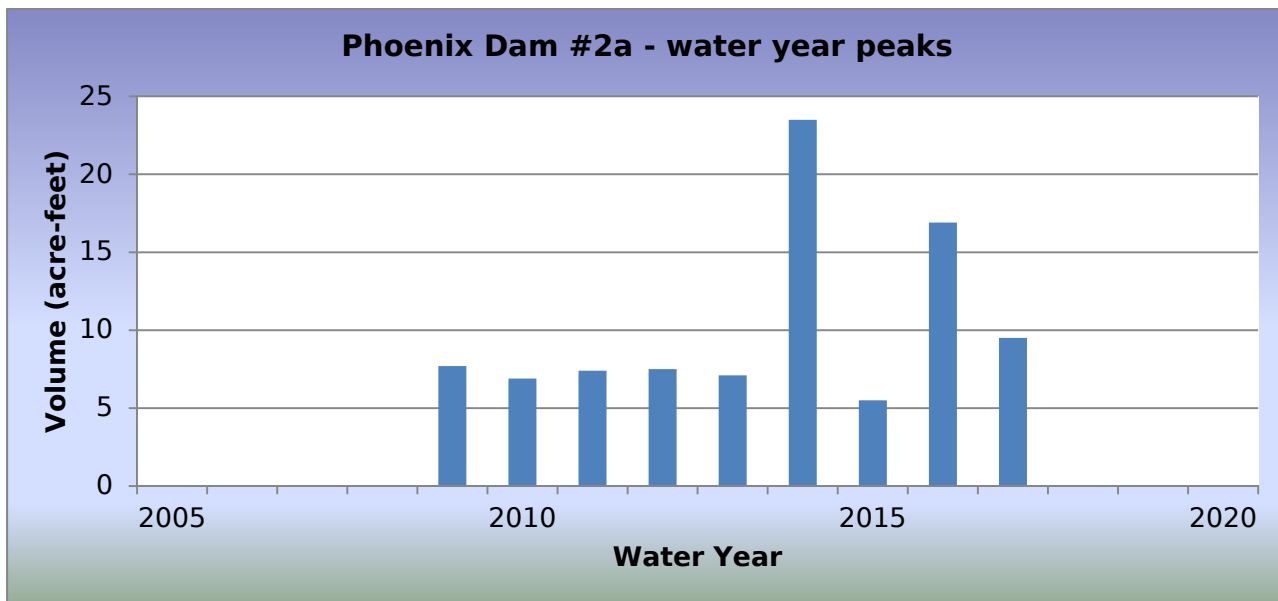
Phoenix Dam #2A, ID #4789



Site Data

LOCATION	On 7th Street south of Thunderbird Road
DRAINAGE AREA	0.75 mi ²
STREAM TYPE	Dam of natural drainage
JURISDICTION	Phoenix, Arizona
WATERSHED	Upper ACDC
SECTION/TOWNSHIP/RANGE	S16 T3N R3E
LATITUDE	N 33° 36' 13.2" +33.60366
LONGITUDE	W 112° 03' 52.8" -112.06466
STREAMGAGE INSTALLATION DATE	06/29/2009 - WY 2009
AVAILABLE PERIOD OF RECORD (POR)	06/29/2009 - Current
LENGTH OF AVAILABLE POR DATA	8.26 Years 3,016 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.00 feet Gage Height
ZERO GAGE HEIGHT ELEVATION	1,393.62 feet NAVD88
POINT OF ZERO FLOW	0.00 feet Gage Height
SPILLWAY ELEVATION	16.5 feet Gage Height
TOP OF DAM ELEVATION	22.5 feet Gage Height

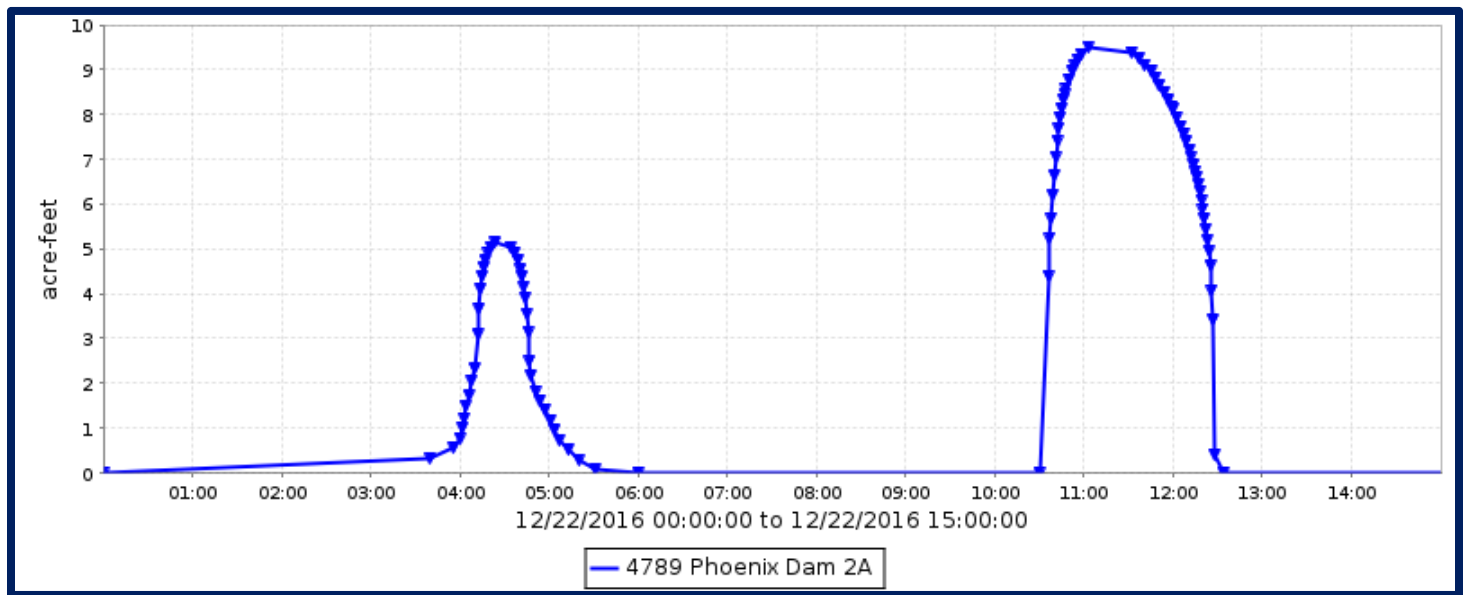
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
12/22/2016	6.51	9.5	15.9
12/31/2016	1.05	2.3	3.9
01/01/2017	0.40	0.9	1.5
02/28/2017	1.28	2.8	4.8
07/29/2017	4.52	6.9	11.5
08/03/2017	3.44	5.4	9.1

Hydrograph of peak WY 2017 impoundment event, 12/22/2016



Phoenix Dam #2A, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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			2									
23												
24												
25												
26												
27												
28												
29					---					1		
30					---							
31		---			---		---		---			---
TOTAL	0	0	2	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	23	1	3	0	0	0	0	19	17	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	4	0	0	0	0	0	0	1	1	0
WTR YR 2017	TOTAL		3	MEAN	0	MAX	23	MIN	0	AC_FT		7

Phoenix Dam #2A, volume data

Volume, in acre-feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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			1									
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	10	1	3	0	0	0	0	7	5	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2017	MEAN		0	MAX	10	MIN	0					

Phoenix Dam #2A, stage data

Depth, in feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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	0.0
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	0.1	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	0.5	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	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	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	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	0.0
28	0.0	0.0	0.0	0.0	0.1	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	0.2	0.0	0.0
30	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	---	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	0.0	0.0	0.0	0.0	0.0	0.0
MAX	0.0	0.2	6.5	0.4	1.3	0.0	0.0	0.0	0.0	4.5	3.4	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 2017	MEAN	0.00	MAX	6.51	MIN	0.00						

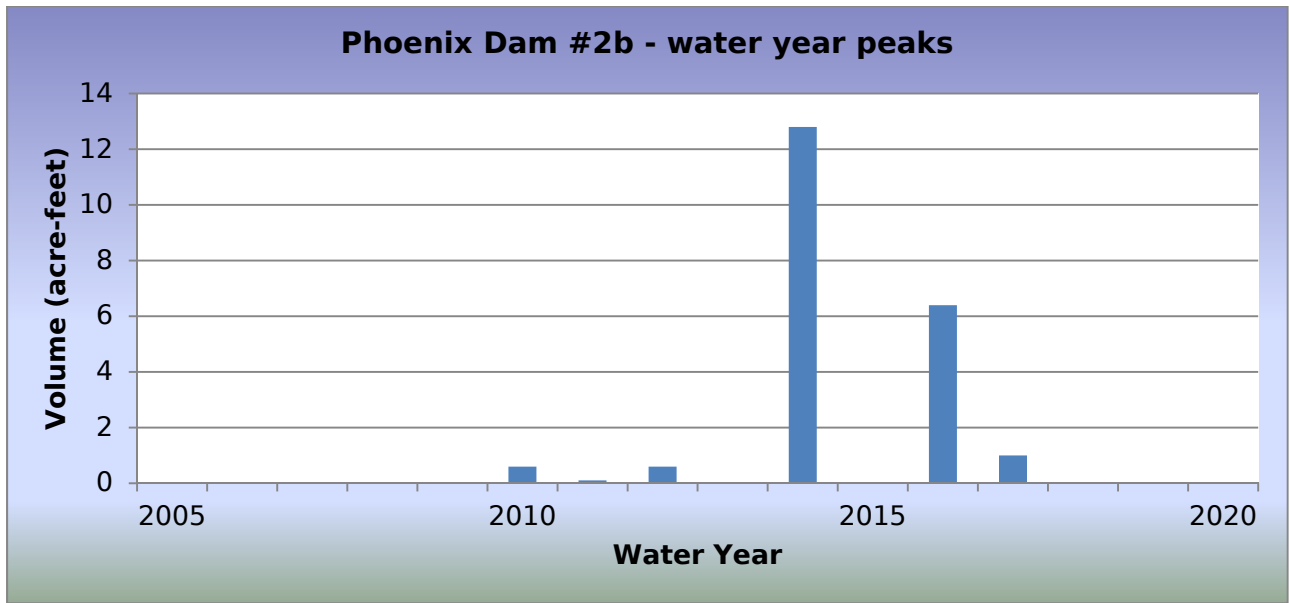
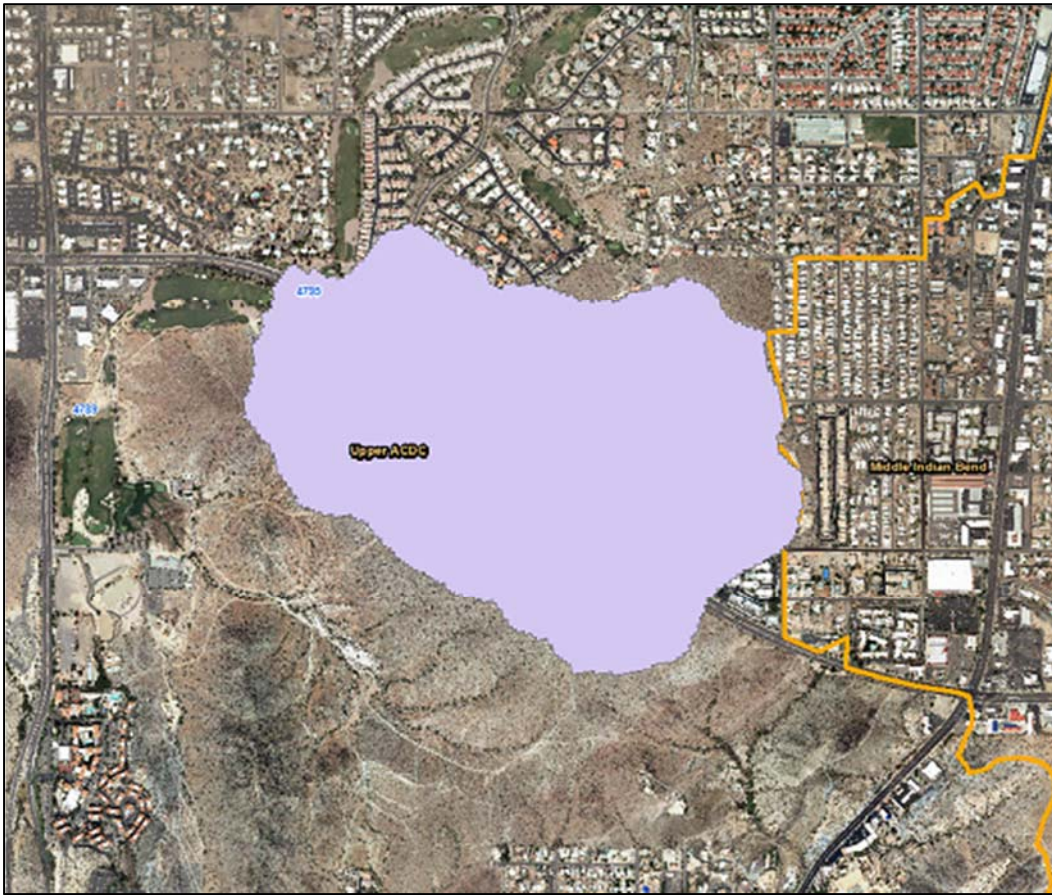
Phoenix Dam #2B, ID #4778



Site Data

LOCATION	On Thunderbird Road east of 7th Street
DRAINAGE AREA	0.60 mi ²
STREAM TYPE	Dam of natural drainage
JURISDICTION	Phoenix, Arizona
WATERSHED	Upper ACDC
SECTION/TOWNSHIP/RANGE	S16 T3N R3E
LATITUDE	N 33° 36' 23.8" +33.60660
LONGITUDE	W 112° 03' 28.4" -112.05789
STREAMGAGE INSTALLATION DATE	06/30/2009 - WY 2009
AVAILABLE PERIOD OF RECORD (POR)	06/30/2009 - Current
LENGTH OF AVAILABLE POR DATA	8.25 Years 3,015 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.00 feet Gage Height
ZERO GAGE HEIGHT ELEVATION	1,398.20 feet NAVD88
POINT OF ZERO FLOW	0.00 feet Gage Height
SPILLWAY ELEVATION	16.0 feet Gage Height
TOP OF DAM ELEVATION	22.0 feet Gage Height

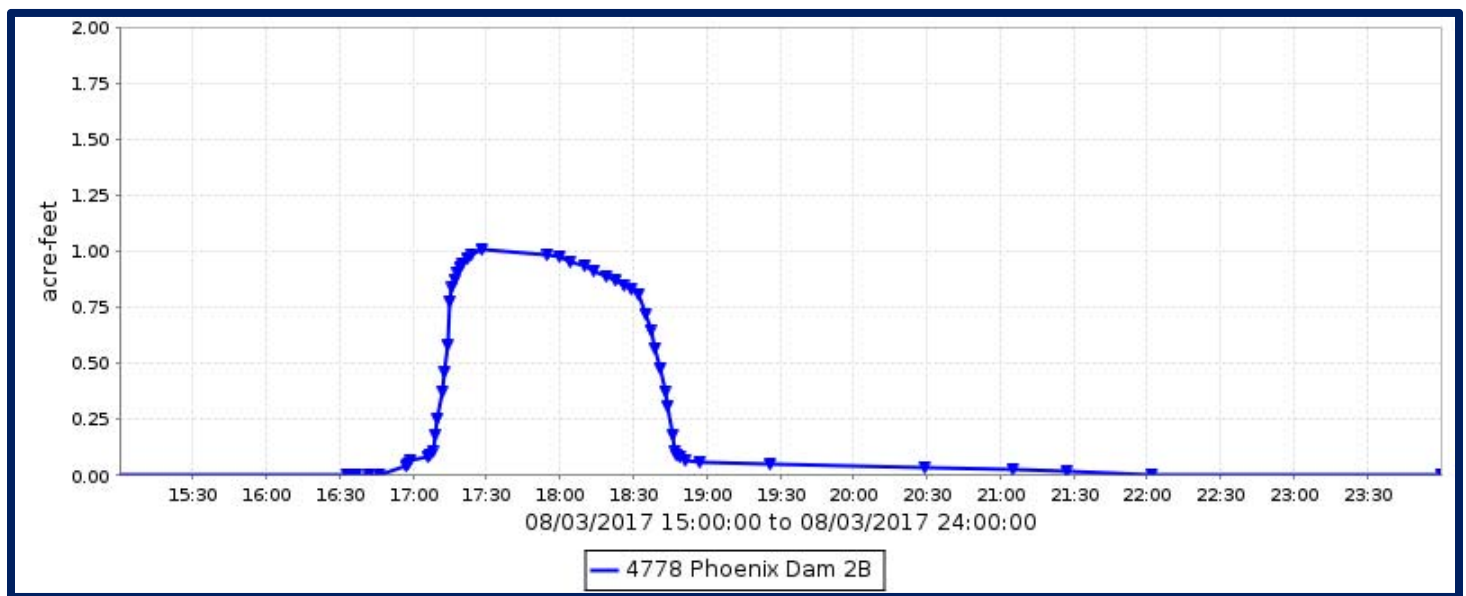
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
12/22/2016	1.78	0.6	1.3
12/31/2016	0.21	0.0	0.0
01/01/2017	0.31	0.0	0.0
02/28/2017	0.31	0.0	0.0
07/29/2017	1.21	0.2	0.5
08/03/2017	3.01	1.0	2.1
08/13/2017	2.93	1.0	2.1

Hydrograph of peak WY 2017 impoundment event, 08/03/2017



Phoenix Dam #2B, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values														
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP			
1															
2															
3											1				
4															
5															
6															
7															
8															
9															
10															
11															
12															
13															
14															
15															
16															
17															
18															
19															
20															
21															
22			1												
23											1				
24															
25															
26															
27															
28															
29					---					1					
30					---										
31		---			---		---		---			---			
TOTAL	0	0	1	0	0	0	0	0	0	1	3	0			
MEAN	0	0	0	0	0	0	0	0	0	0	0	0			
MAX	0	0	11	2	2	0	0	0	0	10	15	0			
MIN	0	0	0	0	0	0	0	0	0	0	0	0			
AC_FT	0	0	2	0	0	0	0	0	0	2	5	0			
WTR YR 2017	TOTAL		5	MEAN		0	MAX		15	MIN		0	AC_FT		10

Phoenix Dam #2B, volume data

Volume, in acre-feet, Water Year October 2016 to September 2017

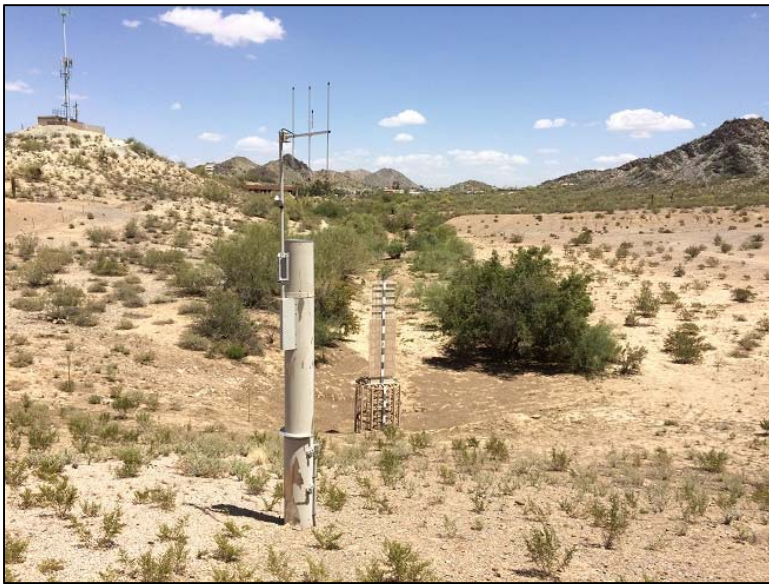
DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
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	0	0	1	0	0	0	0	0	0	0	1	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2017	MEAN		0	MAX	1	MIN	0					

Phoenix Dam #2B, stage data

Depth, in feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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	0.0
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	0.2	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	0.2	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	0.2	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	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	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	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	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	0.0
29	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	0.1	0.0	0.0
30	0.0	0.0	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	---	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	0.0	1.8	0.3	0.3	0.0	0.0	0.0	0.0	1.2	3.0	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 2017	MEAN	0.00	MAX	3.01	MIN	0.00						

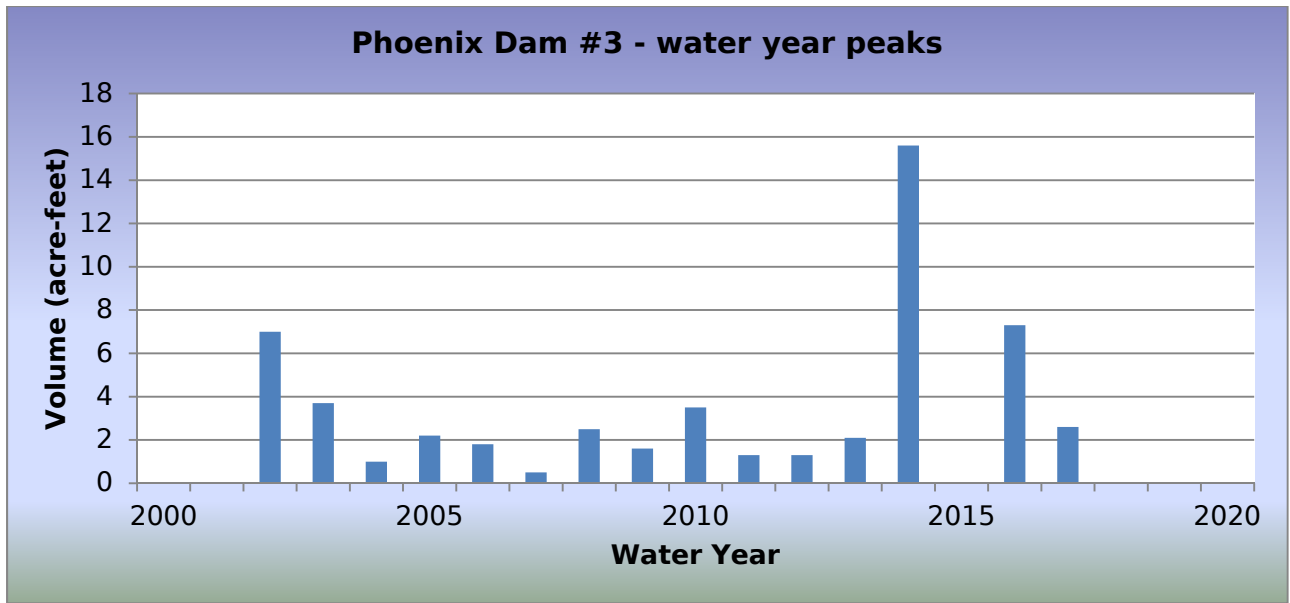
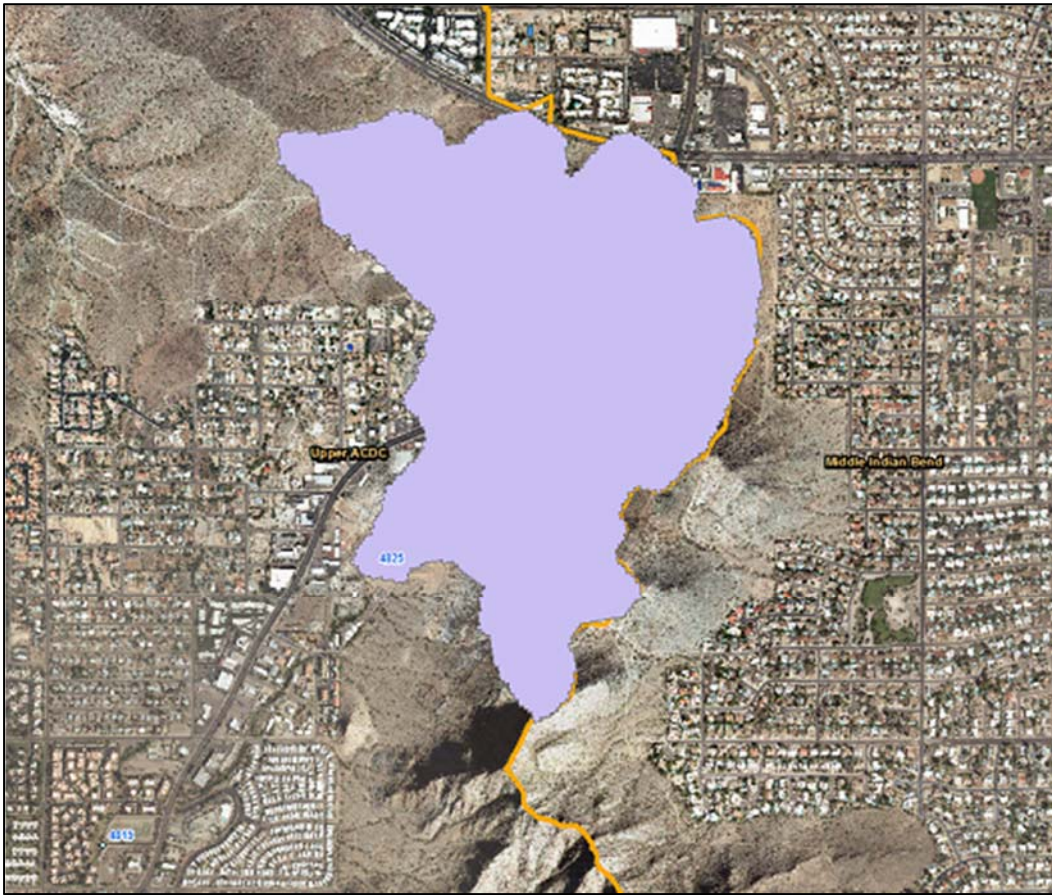
Phoenix Dam #3, ID #4828



Site Data

LOCATION	In the Sunnyslope area of Phoenix, east of Cave Creek Road
DRAINAGE AREA	0.5 mi ²
STREAM TYPE	Dam of Natural Drainage
JURISDICTION	Phoenix, Arizona
WATERSHED	Upper ACDC
SECTION/TOWNSHIP/RANGE	S22 T3N R3E
LATITUDE	N 33° 35' 11.6" +33.58656
LONGITUDE	W 112° 02' 48.4" -112.04678
STREAMGAGE INSTALLATION DATE	12/18/2001 - WY 2002
AVAILABLE PERIOD OF RECORD (POR)	12/18/2001 - Current
LENGTH OF AVAILABLE POR DATA	15.79 Years 5,766 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.65 feet Gage Height
STAFF GAGES	1
ZERO GAGE HEIGHT ELEVATION	1,356.00 feet M.S.L.
POINT OF ZERO FLOW	0.00 feet Gage Height
SPILLWAY ELEVATION	24.0 feet Gage Height
TOP OF DAM ELEVATION	30.0 feet Gage Height

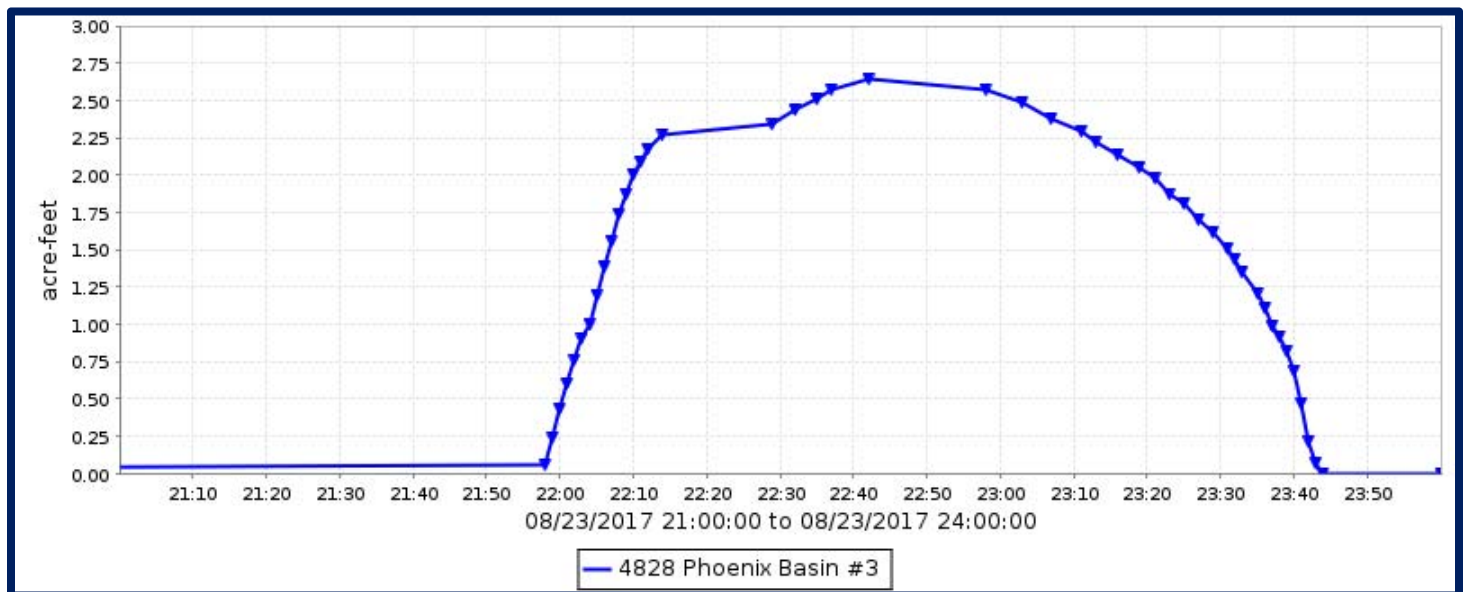
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
12/22/2016	2.32	0.5	0.8
12/31/2016	2.45	0.5	0.8
01/01/2017	5.12	1.8	1.9
01/20/2017	0.95	0.1	0.4
02/28/2017	5.81	2.3	2.4
07/29/2017	4.20	1.1	1.7
08/03/2017	5.15	1.8	2.7
08/23/2017	6.35	2.6	4.0

Hydrograph of peak WY 2017 impoundment event, 08/23/2017



Phoenix Dam #3, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values												
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1				1									
2													
3											2		
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													
23											3		
24													
25													
26													
27													
28					1								
29					---					1			
30					---								
31		---			---		---		---			---	
TOTAL	0	0	0	1	1	0	0	0	0	1	4	0	
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	
MAX	0	0	19	37	40	0	0	0	0	33	41	0	
MIN	0	0	0	0	0	0	0	0	0	0	0	0	
AC_FT	0	0	1	3	3	0	0	0	0	1	9	0	
WTR YR 2017	TOTAL		8	MEAN		0	MAX	41	MIN		0	AC_FT	16

Phoenix Dam #3, volume data

Volume, in acre-feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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	0	0	1	2	2	0	0	0	0	1	3	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2017	MEAN		0	MAX	3	MIN	0					

Phoenix Dam #3, stage data

Depth, in feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.7	0.7	0.7	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
2	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
3	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.7
4	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
5	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
6	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
8	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
9	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
10	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
11	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
12	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
13	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
14	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
15	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
16	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
17	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
18	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
19	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
20	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
21	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
22	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
23	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	1.0	0.7
24	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
25	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
26	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
27	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
28	0.7	0.7	0.7	0.7	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7
29	0.7	0.7	0.7	0.7	---	0.7	0.7	0.7	0.7	0.7	0.7	0.7
30	0.7	0.7	0.7	0.7	---	0.7	0.7	0.7	0.7	0.7	0.7	0.7
31	0.7	---	0.7	0.7	---	0.7	---	0.7	---	0.7	0.7	---
MEAN	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
MAX	0.7	0.7	2.5	5.1	5.8	0.7	0.7	0.7	0.7	4.2	6.3	0.7
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 2017	MEAN	0.65	MAX	6.35	MIN	0.65						

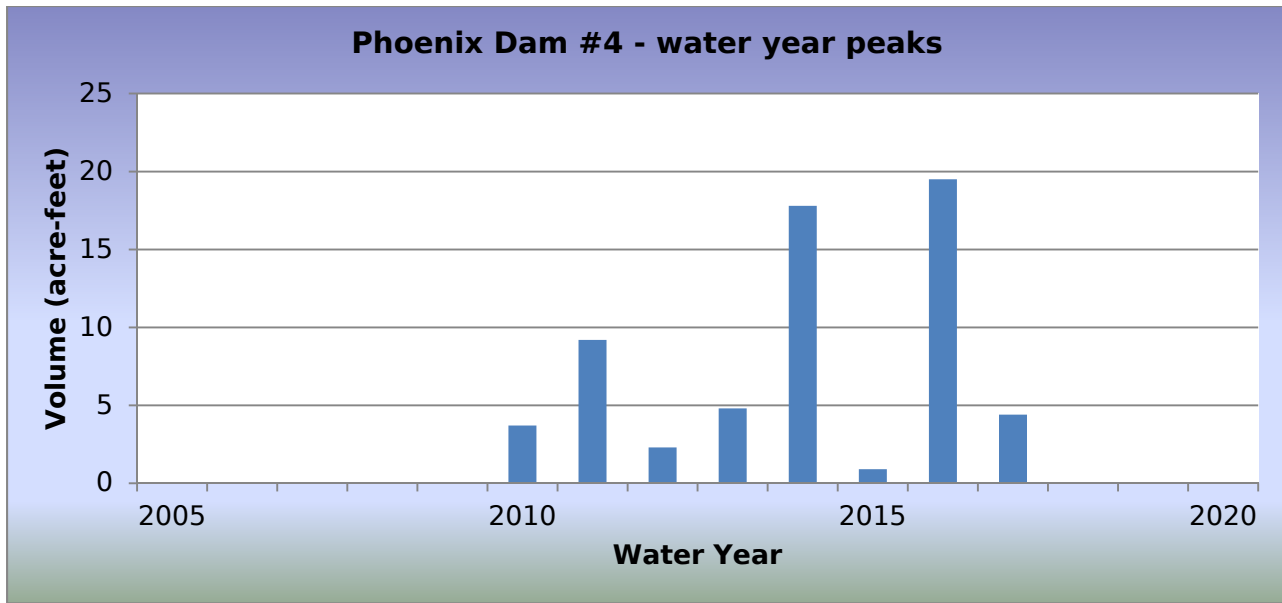
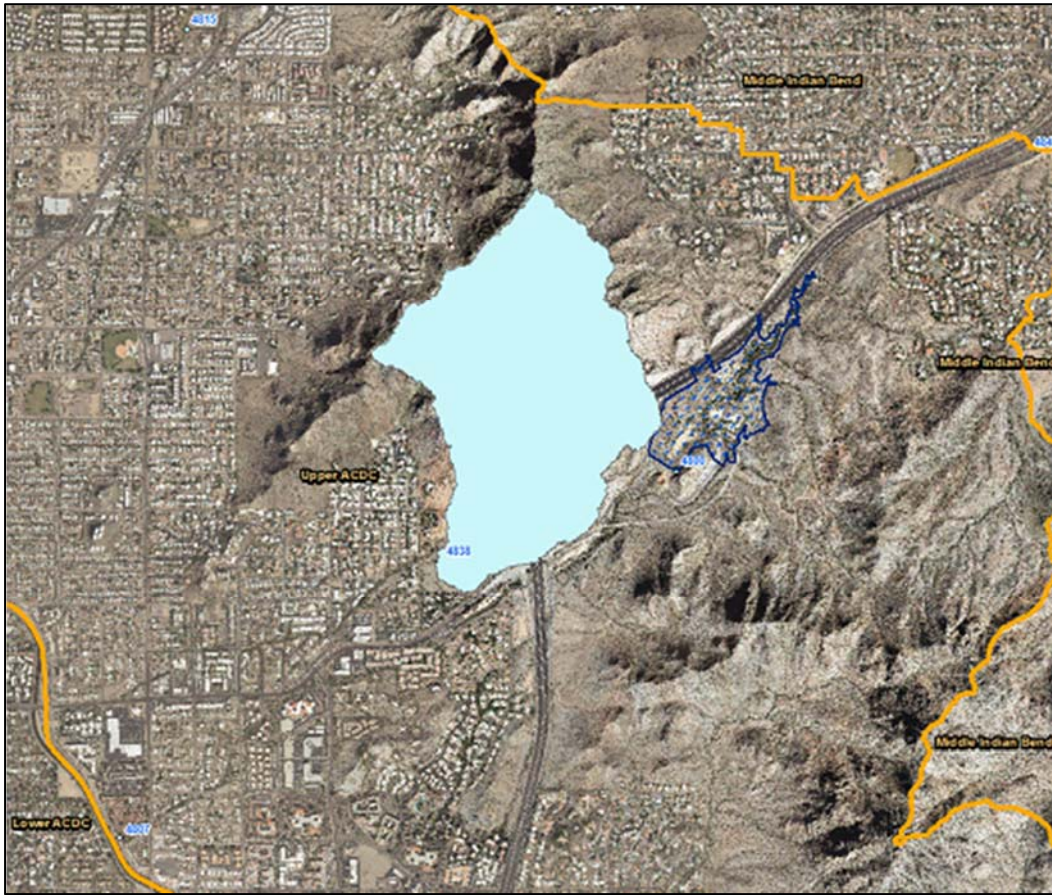
Phoenix Dam #4, ID #4838



Site Data

LOCATION	East of 18th Street north of Northern Avenue
DRAINAGE AREA	0.60 mi ²
STREAM TYPE	Dam of natural drainage
JURISDICTION	Phoenix, Arizona
WATERSHED	Upper ACDC
SECTION/TOWNSHIP/RANGE	S34 T3N R3E
LATITUDE	N 33° 33' 30.9" +33.55857
LONGITUDE	W 112° 02' 33.8" -112.04272
STREAMGAGE INSTALLATION DATE	07/06/2009 - WY 2009
AVAILABLE PERIOD OF RECORD (POR)	07/06/2009 - Current
LENGTH OF AVAILABLE POR DATA	8.24 Years 3,009 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.00 feet Gage Height
STAFF GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,319.28 feet NAVD88
POINT OF ZERO FLOW	0.00 feet Gage Height
SPILLWAY ELEVATION	15.0 feet Gage Height
TOP OF DAM ELEVATION	21.0 feet Gage Height

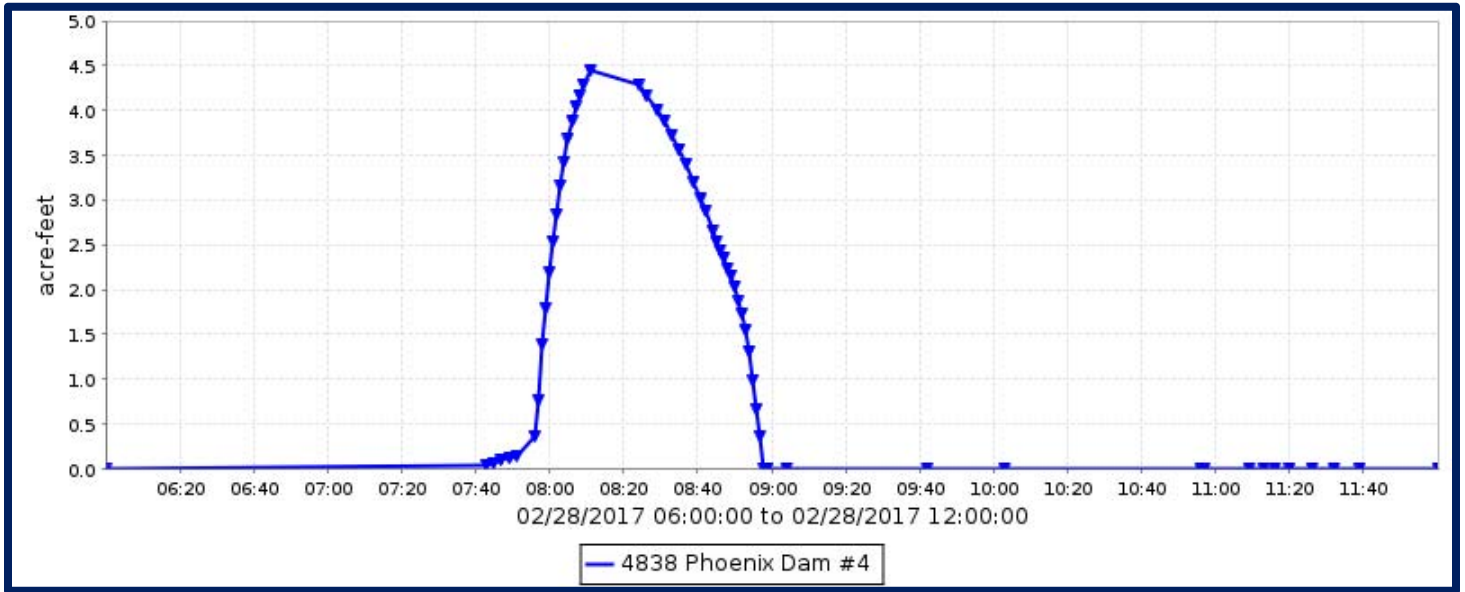
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
01/01/2017	5.71	3.4	8.0
01/20/2017	0.33	0.1	0.1
02/28/2017	6.51	4.4	10.4

Hydrograph of peak WY 2017 impoundment event, 02/28/2017



Phoenix Dam #4, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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												
24												
25												
26												
27												
28					1							
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	1	1	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	9	21	22	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	1	2	0	0	0	0	0	0	0
WTR YR 2017	TOTAL		2	MEAN	0	MAX	22	MIN	0	AC_FT		3

Phoenix Dam #4, volume data

Volume, in acre-feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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	0	0	0	3	4	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2017	MEAN		0	MAX	4	MIN	0					

Phoenix Dam #4, stage data

Depth, in feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.1	0.1	0.1	0.3	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	0.2	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	0.3	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	0.1	0.1	1.1	5.7	6.5	0.1	0.1	0.1	0.1	0.1	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 2017	MEAN	0.10	MAX	6.51	MIN	0.10						

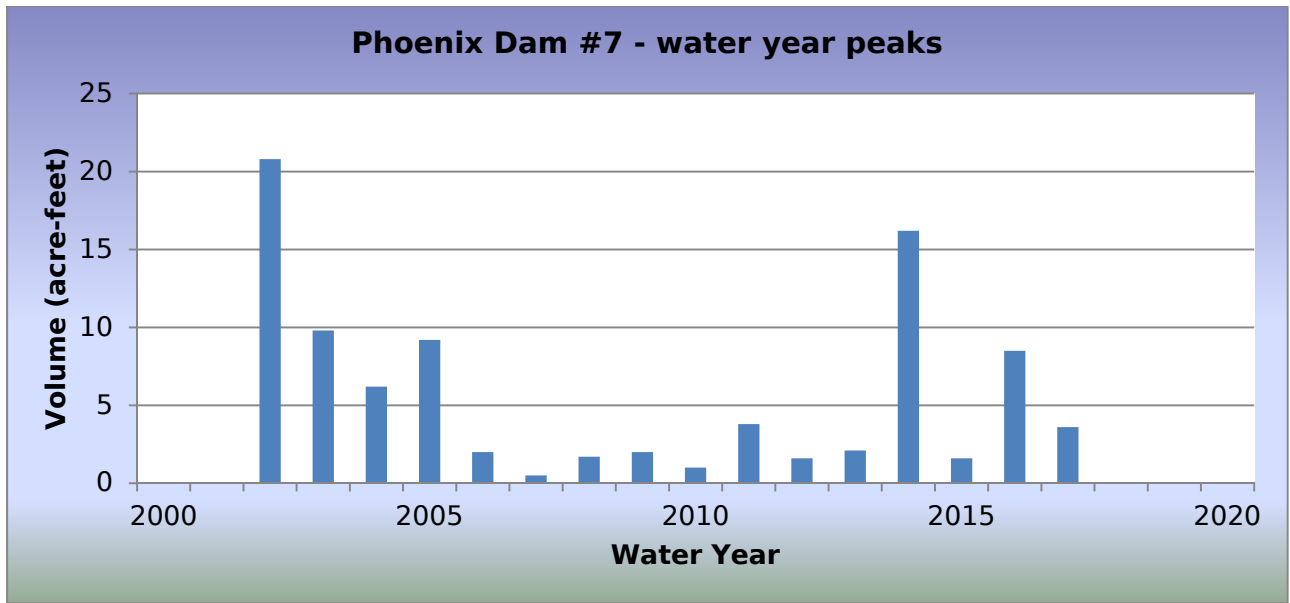
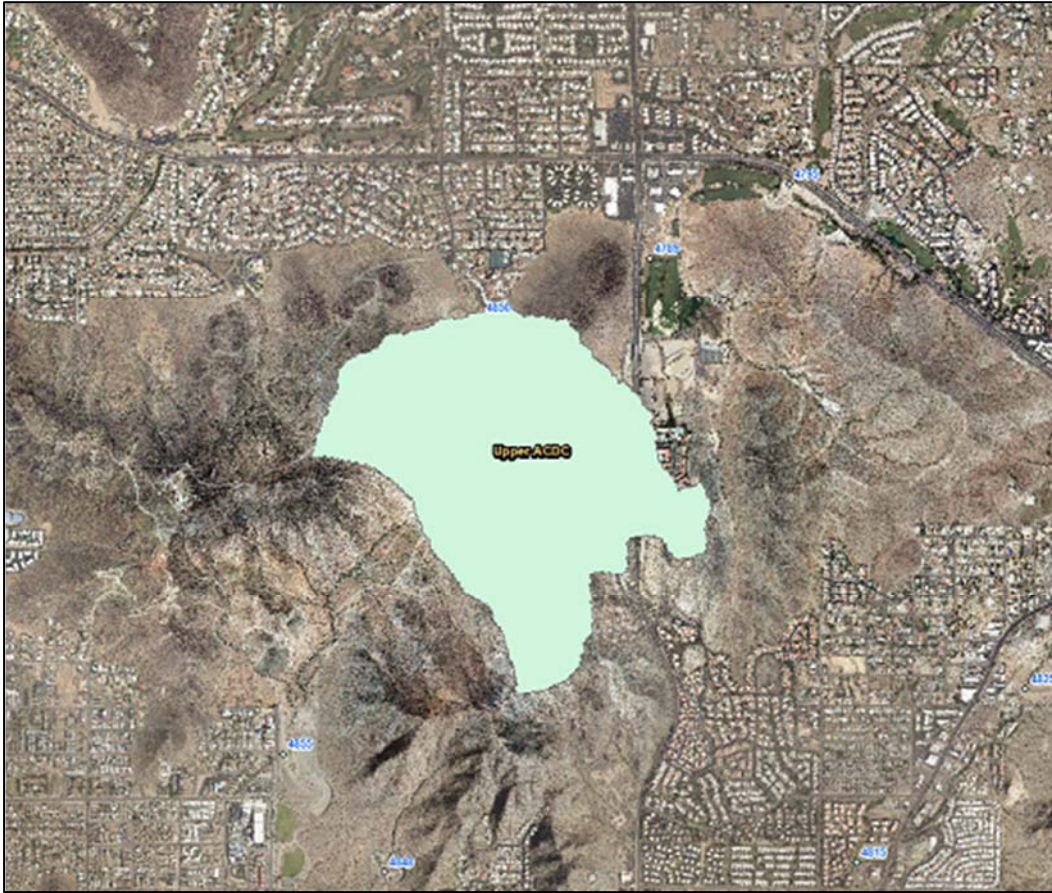
Phoenix Dam #7, ID #4853



Site Data

LOCATION	Located on the north side of North Mountain
DRAINAGE AREA	0.60 mi ²
STREAM TYPE	Dam of natural drainage
JURISDICTION	Phoenix, Arizona
WATERSHED	Upper ACDC
SECTION/TOWNSHIP/RANGE	S17 T3N R3E
LATITUDE	N 33° 36' 04.4" +33.60123
LONGITUDE	W 112° 04' 21.5" -112.07264
STREAMGAGE INSTALLATION DATE	12/19/2001 - WY 2002
AVAILABLE PERIOD OF RECORD (POR)	12/19/2001 - Current
LENGTH OF AVAILABLE POR DATA	15.78 Years 5,765 Days
DATA GAPS IN POR	01/30/2009 -- 05/11/2009
STAGE GAGE ELEVATION	0.17 feet Gage Height
STAFF GAGES	1
ZERO GAGE HEIGHT ELEVATION	1,369.00 feet M.S.L.
POINT OF ZERO FLOW	0.00 feet Gage Height
SPILLWAY ELEVATION	22.4 feet Gage Height
TOP OF DAM ELEVATION	29.0 feet Gage Height

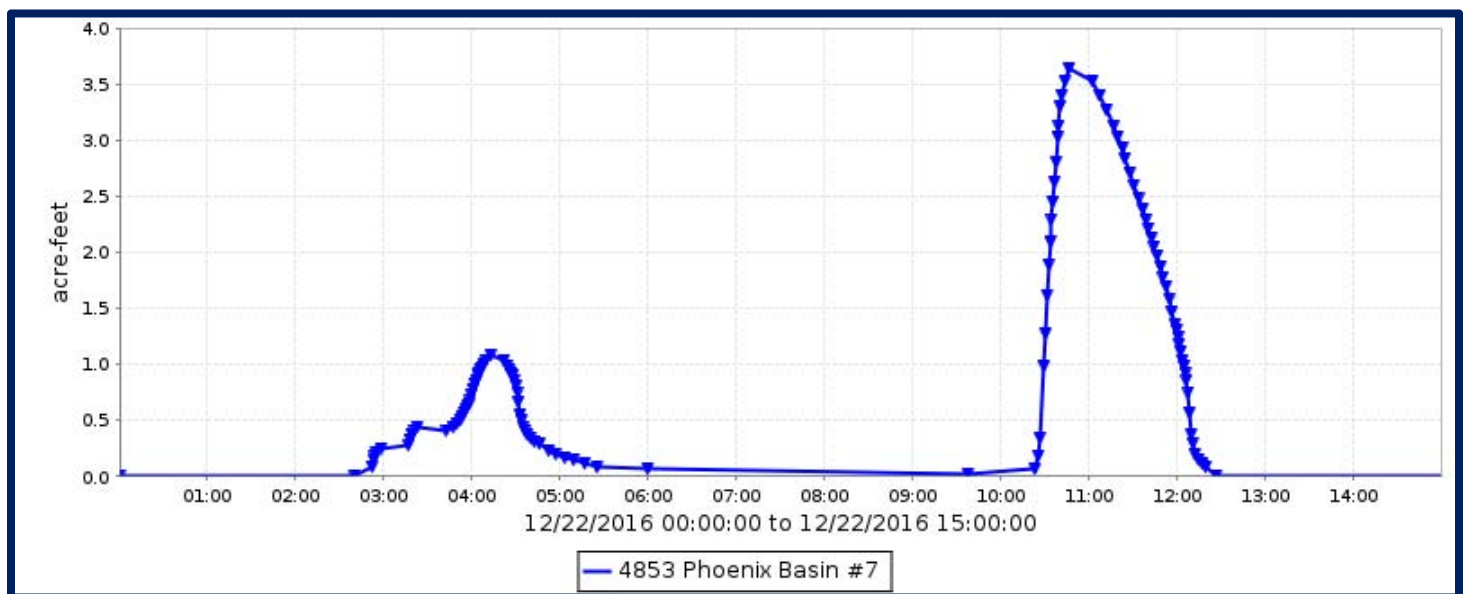
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
12/22/2016	4.15	1.1	1.0
12/22/2016	7.24	3.6	5.3
12/31/2016	2.71	0.7	0.6
01/01/2017	2.43	0.6	0.5
01/20/2017	1.31	0.3	0.3
02/28/2017	3.68	0.9	0.8
07/29/2017	4.33	1.2	1.0
08/03/2017	0.84	0.2	0.0

Hydrograph of peak WY 2017 impoundment event, 12/22/2016



Phoenix Dam #7, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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			4									
23												
24												
25												
26												
27												
28					1							
29					---					1		
30					---							
31		---	1		---		---		---			---
TOTAL	0	0	5	2	1	0	0	0	0	1	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	46	19	30	0	0	0	0	34	4	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	10	3	2	0	0	0	0	2	0	0
WTR YR 2017	TOTAL		8	MEAN	0	MAX	46	MIN	0	AC_FT		16

Phoenix Dam #7, volume data

Volume, in acre-feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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	0	0	4	1	1	0	0	0	0	1	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2017	MEAN		0	MAX	4	MIN	0					

Phoenix Dam #7, stage data

Depth, in feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.2	0.2	0.2	0.3	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	0.8	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	0.3	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	0.3	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	---	0.3	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	7.2	2.4	3.7	0.2	0.2	0.2	0.2	4.3	0.8	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 2017	MEAN	0.17	MAX	7.24	MIN	0.17						

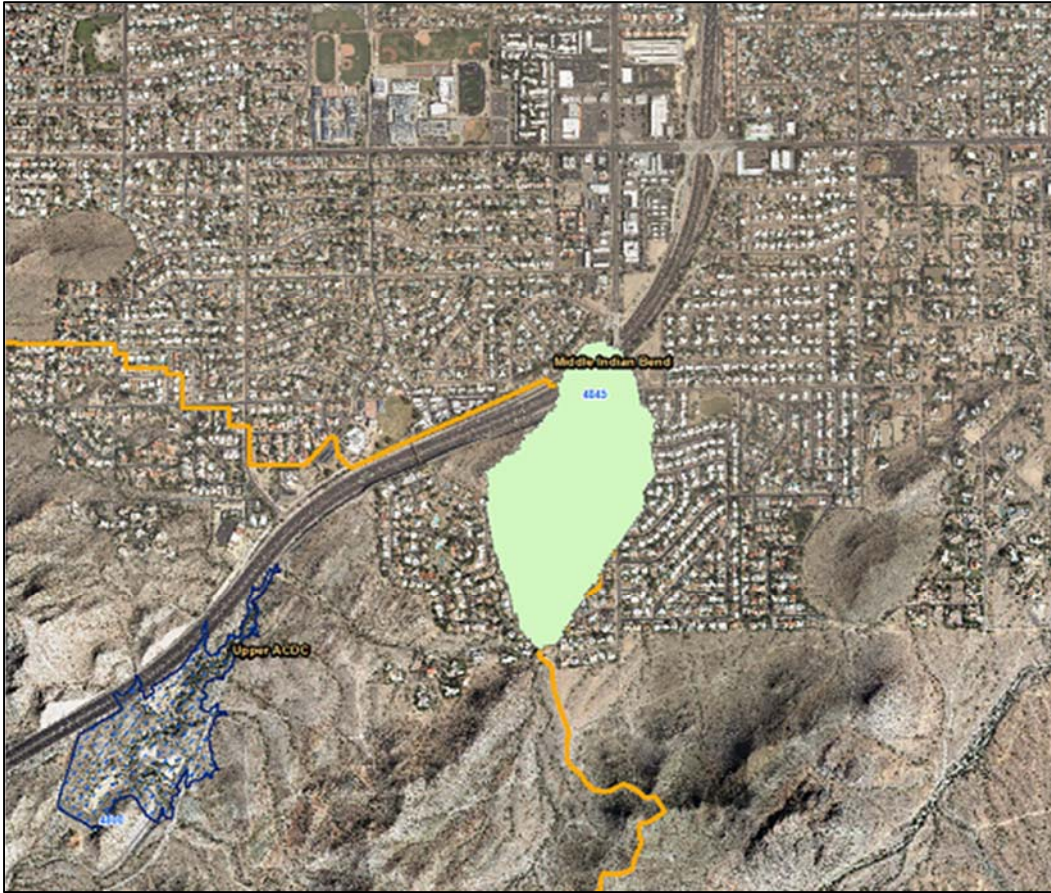
Phoenix Dam #99, ID #4843



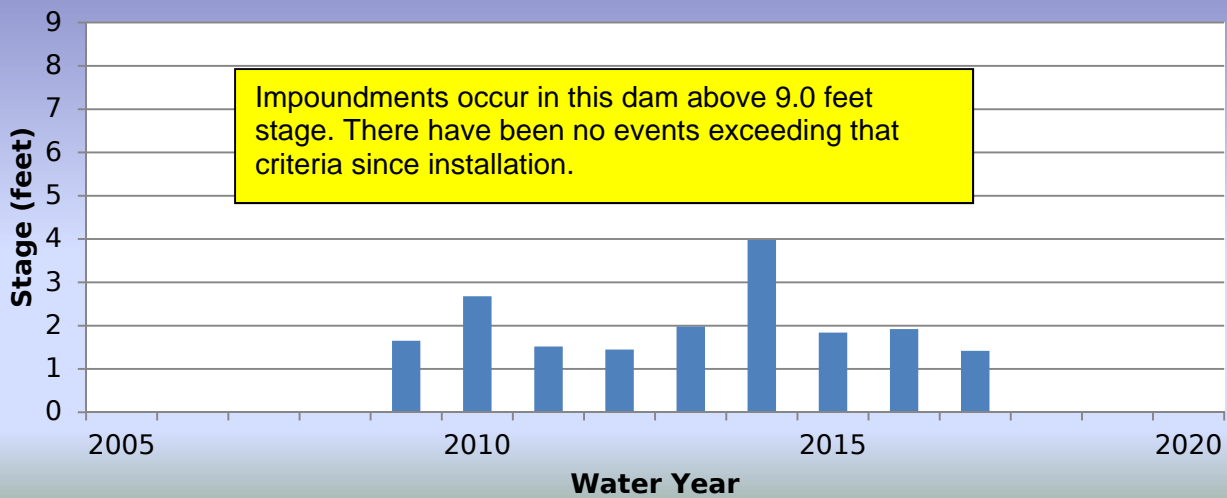
Site Data

LOCATION	Near SR 51 and 32nd Street
DRAINAGE AREA	0.13 mi ²
STREAM TYPE	Dam of natural and local drainage
JURISDICTION	Phoenix, Arizona
WATERSHED	Upper ACDC
SECTION/TOWNSHIP/RANGE	S26 T3N R3E
LATITUDE	N 33° 34' 29.1" +33.57476
LONGITUDE	W 112° 00' 51.4" -112.01428
STREAMGAGE INSTALLATION DATE	07/07/2009 - WY 2009
AVAILABLE PERIOD OF RECORD (POR)	07/07/2009 - Current
LENGTH OF AVAILABLE POR DATA	8.24 Years 3,008 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.00 feet Gage Height
STAFF GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,441.71 feet NAVD88
POINT OF ZERO FLOW	0.00 feet Gage Height
SPILLWAY ELEVATION	19.8 feet Gage Height
TOP OF DAM ELEVATION	24.3 feet Gage Height

Watershed Map



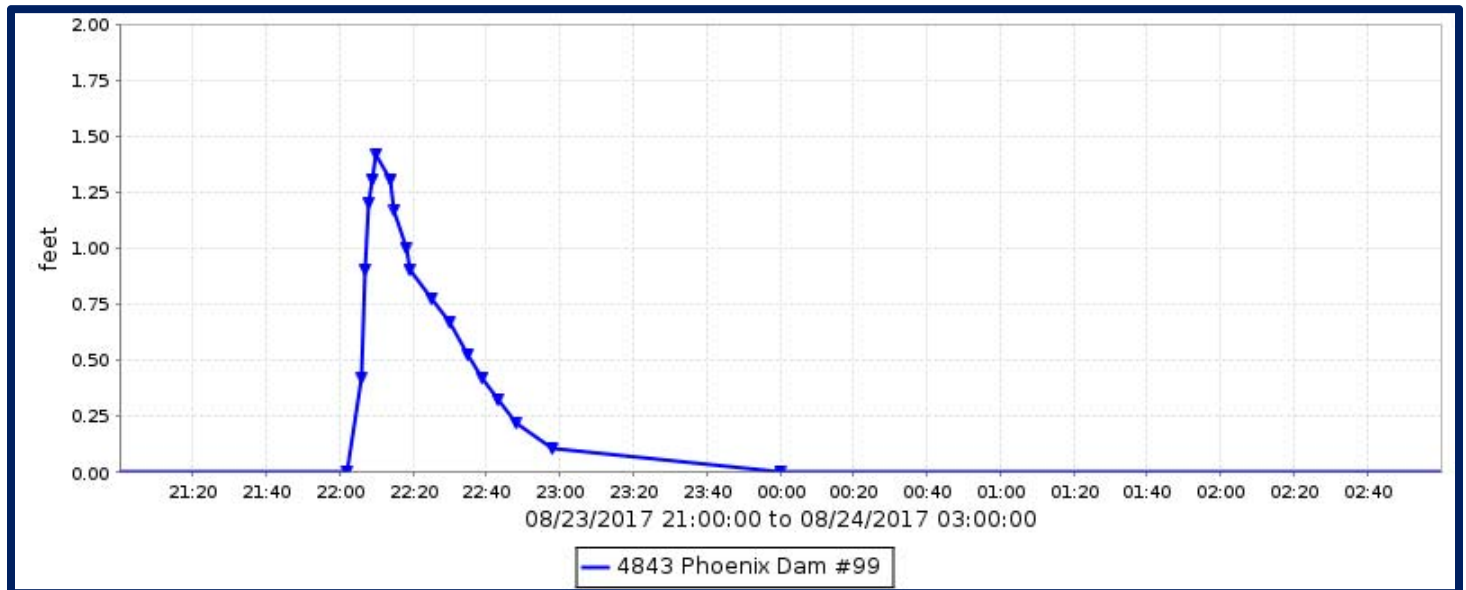
Phoenix Dam #99 - water year peaks



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
12/22/2016	0.83	0.0	0.0
01/01/2017	0.70	0.0	0.0
01/20/2017	0.60	0.0	0.0
02/18/2017	0.33	0.0	0.0
02/28/2017	0.84	0.0	0.0
07/16/2017	0.24	0.0	0.0
07/21/2017	0.74	0.0	0.0
08/03/2017	1.02	0.0	0.0
08/23/2017	1.42	0.0	0.0

Hydrograph of peak WY 2017 impoundment event, 08/23/2017



Phoenix Dam #99, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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		---			---		---		---			---
TOTAL	0	0	0	0	1	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	3	3	3	0	0	0	0	3	6	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	1	1	1	0	0	0	0	0	0	0
WTR YR 2017	TOTAL		2	MEAN	0	MAX	6	MIN	0	AC_FT		3

Phoenix Dam #99, volume data

Volume, in acre-feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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	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 2017	MEAN	0	MAX	0	MIN	0						

Phoenix Dam #99, stage data

Depth, in feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.0	0.0	0.0	0.1	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	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	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.1	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	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	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	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	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	0.0
29	0.0	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	0.0	0.0
31	0.0	---	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	0.0	0.0	0.0	0.0	0.0	0.0
MAX	0.0	0.0	0.8	0.7	0.8	0.0	0.0	0.0	0.0	0.8	1.4	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 2017	MEAN	0.00	MAX	1.42	MIN	0.00						

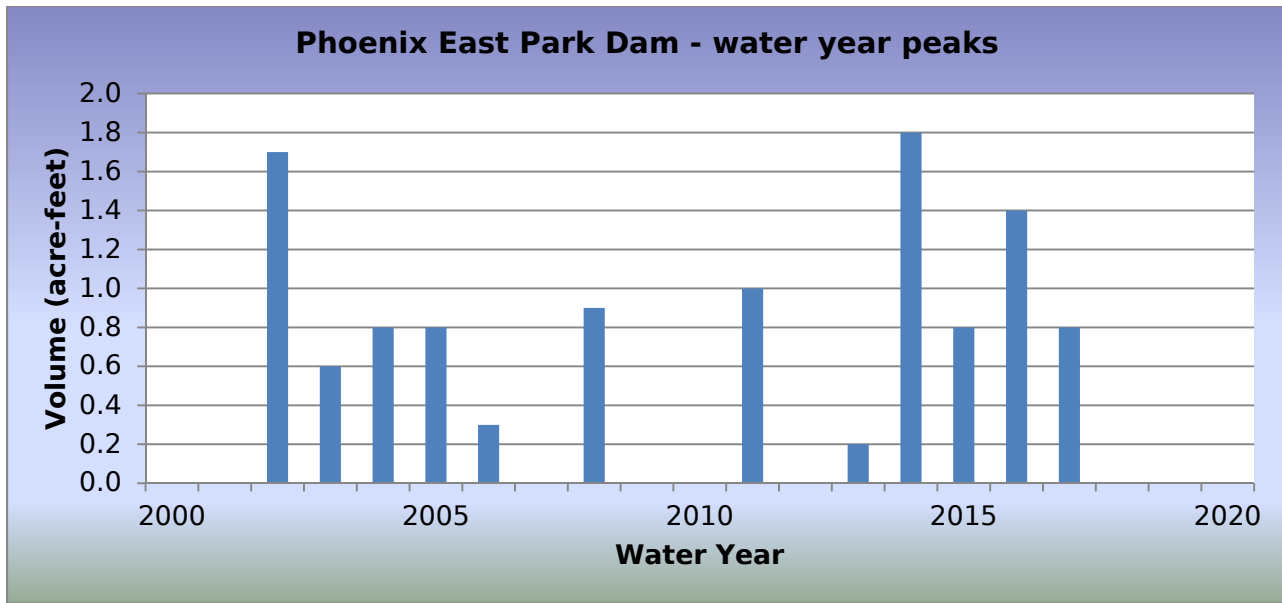
Phoenix East Park Dam, ID #4848



Site Data

LOCATION	Near Peoria and Seventh Avenues
DRAINAGE AREA	0.11 mi ²
STREAM TYPE	Dam of natural drainage
JURISDICTION	Phoenix, Arizona
WATERSHED	Upper ACDC
SECTION/TOWNSHIP/RANGE	S29 T3N R3E
LATITUDE	N 33° 34' 45.2" +33.57923
LONGITUDE	W 112° 04' 36.3" -112.07676
STREAMGAGE INSTALLATION DATE	11/28/2001 - WY 2002
AVAILABLE PERIOD OF RECORD (POR)	11/28/2001 - Current
LENGTH OF AVAILABLE POR DATA	15.84 Years 5,786 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.10 feet Gage Height
STAFF GAGES	1
ZERO GAGE HEIGHT ELEVATION	1,350.17 feet NAVD88
POINT OF ZERO FLOW	0.00 feet Gage Height
SPILLWAY ELEVATION	19.8 feet Gage Height
TOP OF DAM ELEVATION	24.8 feet Gage Height

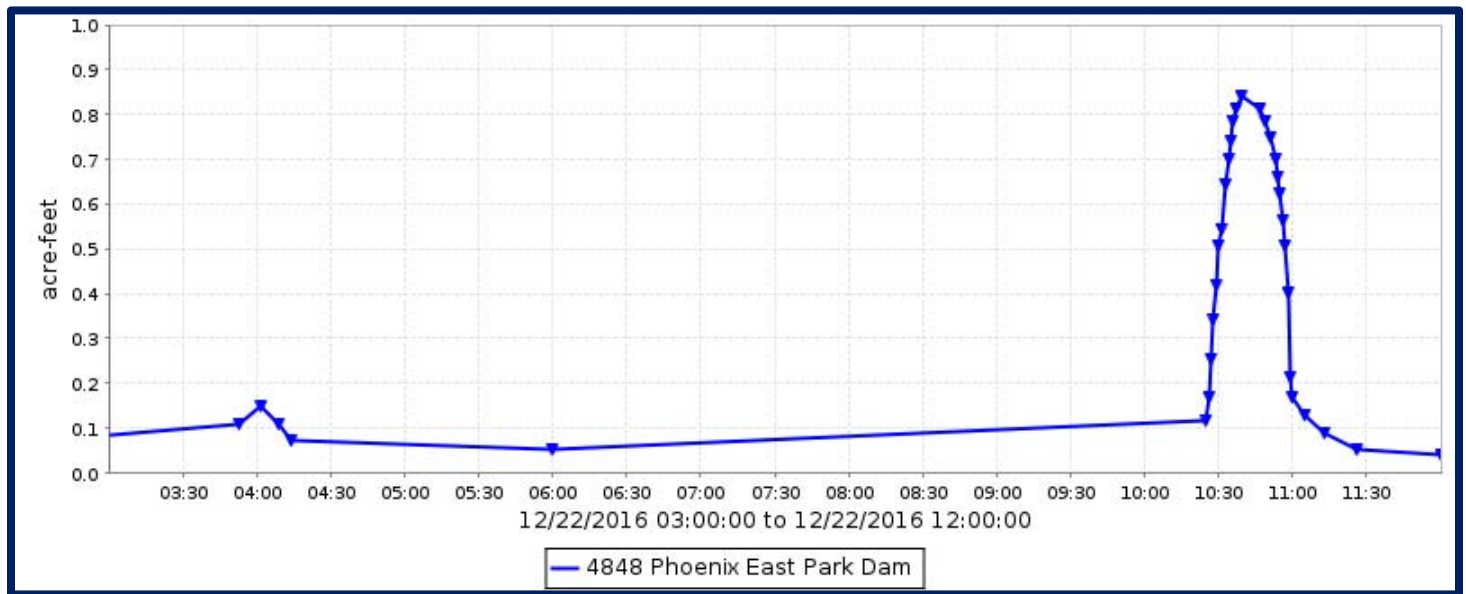
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
12/22/2016	2.30	0.8	4.0
12/31/2016	0.65	0.3	1.4
02/28/2017	1.15	0.4	2.2
07/29/2017	2.15	0.8	3.8

Hydrograph of peak WY 2017 impoundment event, 12/22/2016



Phoenix East Park Dam, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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			1									
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	9	8	4	2	1	11	5	5	5	6	5	5
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	18	0	6	0	0	0	0	16	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	17	16	8	3	1	21	9	10	10	12	10	9
WTR YR 2017	TOTAL	64	MEAN	0	MAX	18	MIN	0	AC_FT	127		

Phoenix East Park Dam, volume data

Volume, in acre-feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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	0	0	1	0	0	0	0	0	0	1	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2017	MEAN		0	MAX	1	MIN	0					

Phoenix East Park Dam, stage data

Depth, in feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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	0.2	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	0.1	0.1	2.3	0.1	1.1	0.1	0.1	0.1	0.1	2.1	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 2017	MEAN	0.10	MAX	2.30	MIN	0.10						

Phoenix West Park Dam, ID #4858



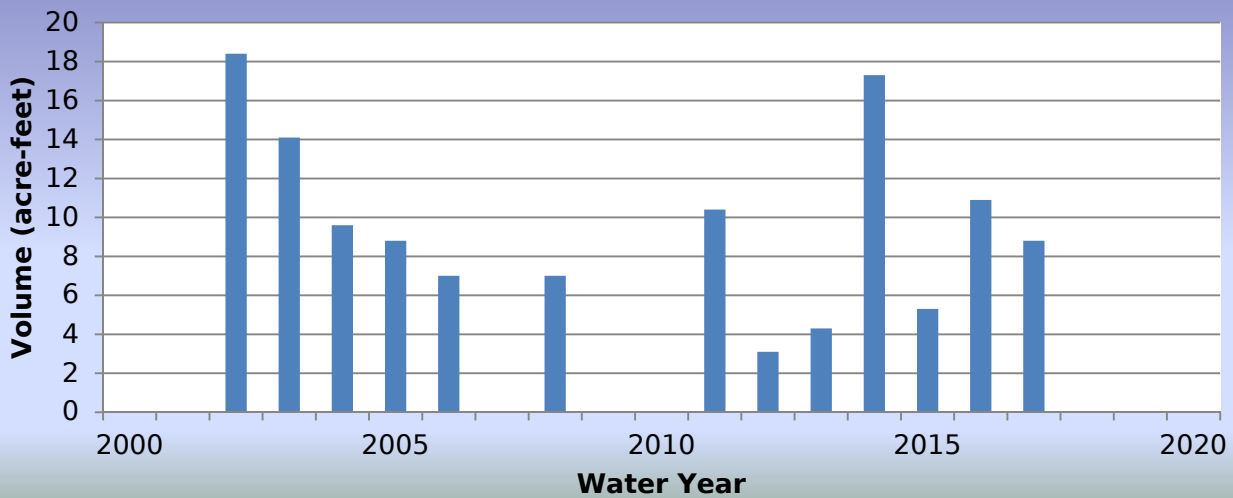
Site Data

LOCATION	Near Peoria and Seventh Avenues
DRAINAGE AREA	0.62 mi ²
STREAM TYPE	Dam of natural drainage
JURISDICTION	Phoenix, Arizona
WATERSHED	Upper ACDC
SECTION/TOWNSHIP/RANGE	S22 T3N R3E
LATITUDE	N 33° 35' 02.8" +33.58412
LONGITUDE	W 112° 04' 55.0" -112.08195
STREAMGAGE INSTALLATION DATE	11/29/2001 - WY 2002
AVAILABLE PERIOD OF RECORD (POR)	11/29/2001 - Current
LENGTH OF AVAILABLE POR DATA	15.84 Years 5,785 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.20 feet Gage Height
STAFF GAGES	1
ZERO GAGE HEIGHT ELEVATION	1,315.72 feet NAVD88
POINT OF ZERO FLOW	0.00 feet Gage Height
SPILLWAY ELEVATION	24.0 feet Gage Height
TOP OF DAM ELEVATION	30.0 feet Gage Height

Watershed Map



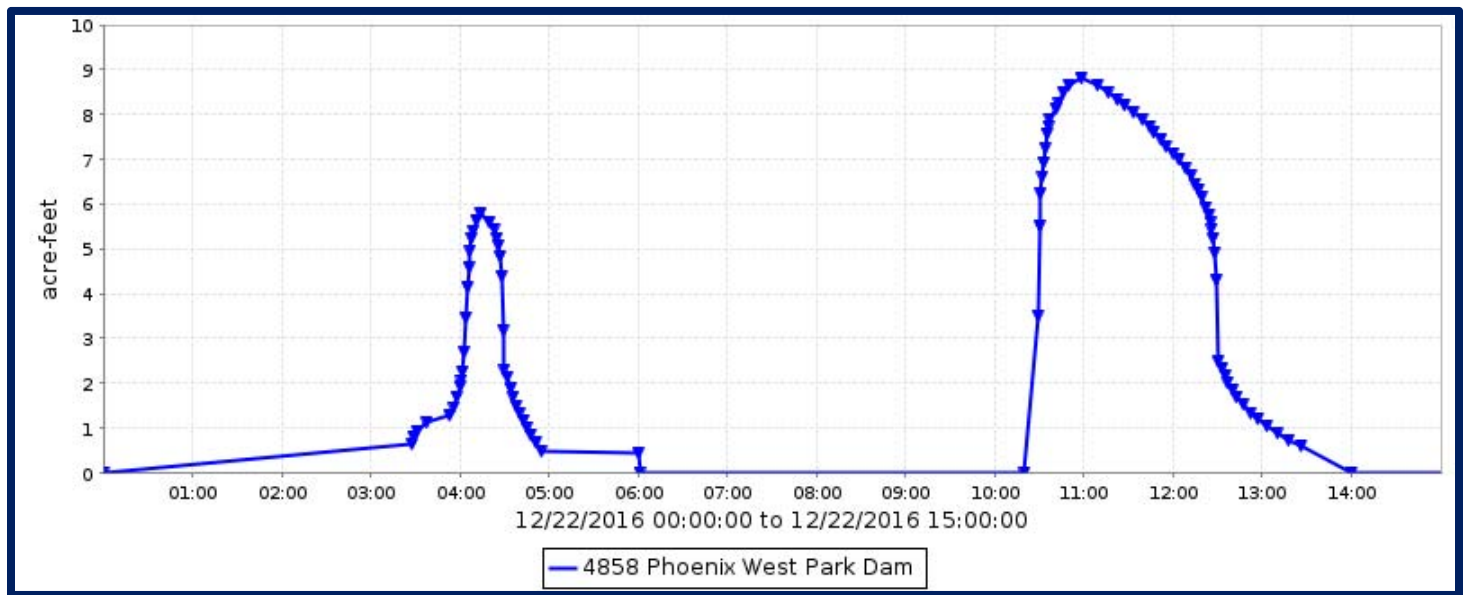
Phoenix West Park Dam - water year peaks



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
12/22/2016	3.84	5.8	5.1
12/22/2016	5.84	8.8	7.8
12/31/2016	2.72	4.1	3.7
01/01/2017	1.08	1.6	1.5
01/20/2017	0.58	0.9	0.7
02/28/2017	3.39	5.1	4.5

Hydrograph of peak WY 2017 impoundment event, 12/22/2016



Phoenix West Park Dam, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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			4									
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	5	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	41	5	27	0	0	0	0	2	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	9	0	1	0	0	0	0	0	0	0
WTR YR 2017	TOTAL		5	MEAN	0	MAX	41	MIN	0	AC_FT		10

Phoenix West Park Dam, volume data

Volume, in acre-feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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			1									
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	9	2	5	0	0	0	0	1	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2017	MEAN		0	MAX	9	MIN	0					

Phoenix West Park Dam, stage data

Depth, in feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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	0.8	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	0.3	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	---	0.3	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	5.8	1.1	3.4	0.2	0.2	0.2	0.2	0.6	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 2017	MEAN	0.20	MAX	5.84	MIN	0.20						

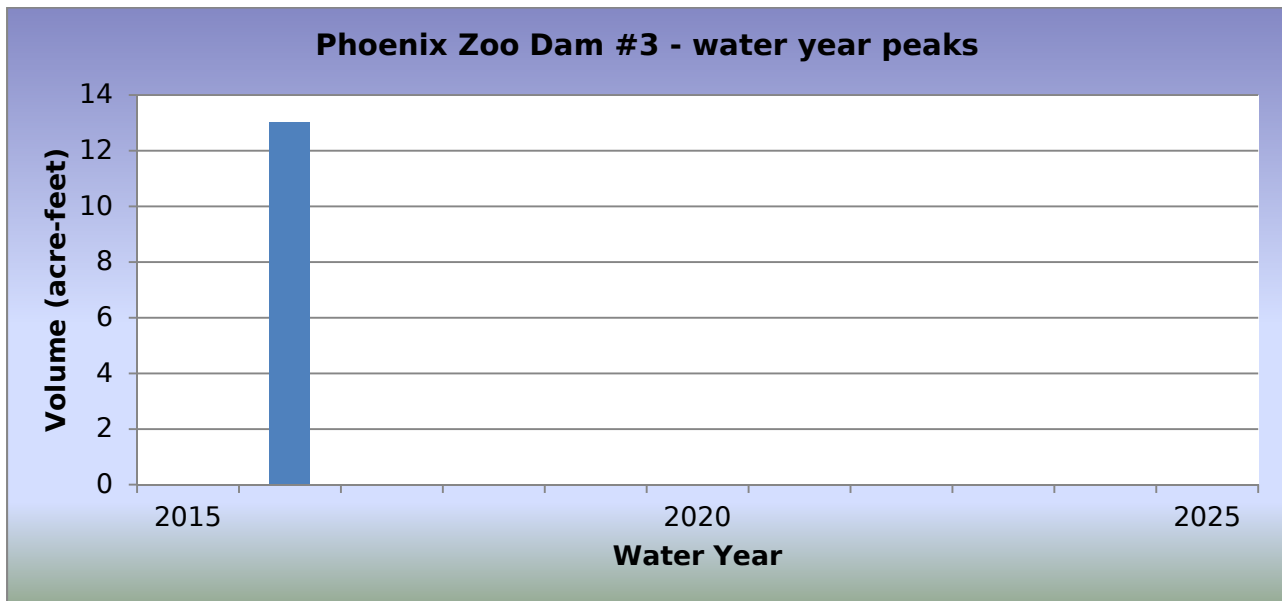
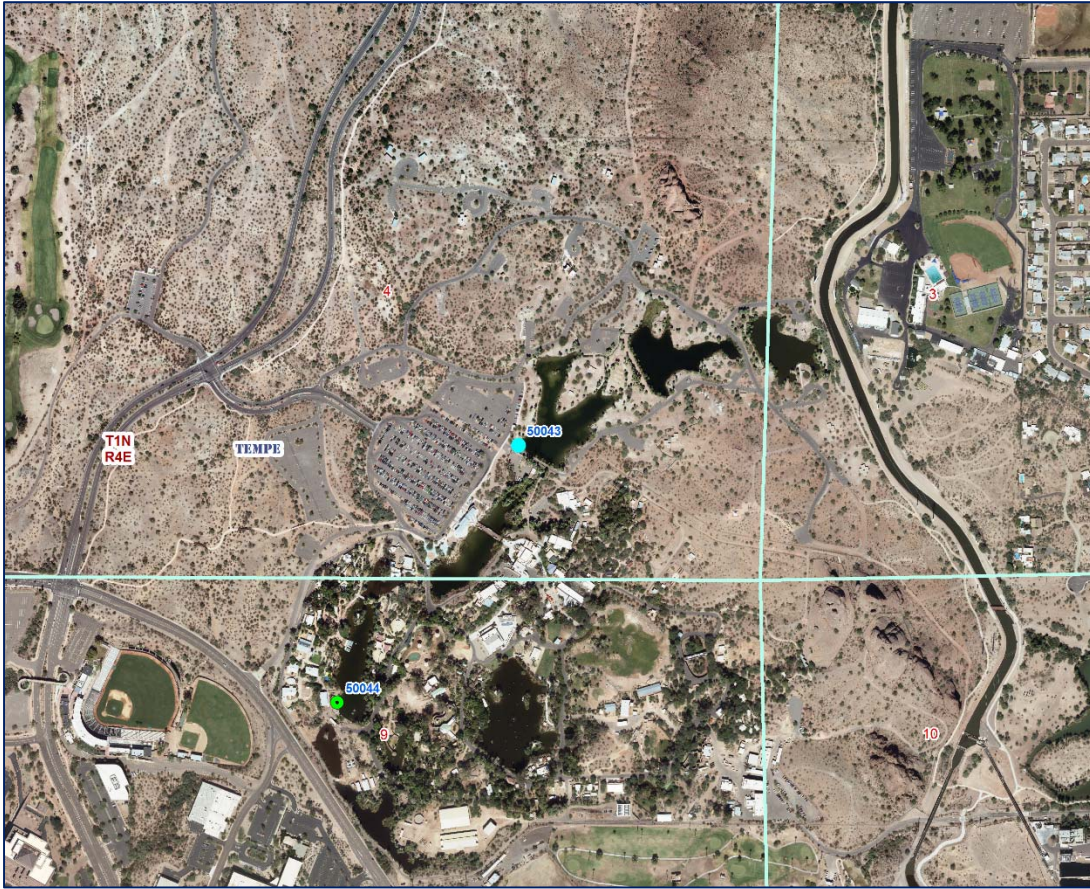
Phoenix Zoo Dam #3, ID #4307



Site Data

LOCATION	Located in Papago Park on the north side of the Phoenix Zoo property.
DRAINAGE AREA	0.07 mi ²
STREAM TYPE	Dam with permanent lake
JURISDICTION	Phoenix, Arizona
WATERSHED	Lower ACDC
SECTION/TOWNSHIP/RANGE	S04 T1N R4E
LATITUDE	N 33° 27' 10.1" +33.45281
LONGITUDE	W 111° 56' 53.1" -111.94808
STREAMGAGE INSTALLATION DATE	04/25/2016 - WY 2016
AVAILABLE PERIOD OF RECORD (POR)	04/25/2016 - Current
LENGTH OF AVAILABLE POR DATA	1.43 Years 524 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	8.90 feet Gage Height
STAFF GAGES	0
ZERO GAGE HEIGHT ELEVATION	0.00 feet Gage Height
POINT OF ZERO FLOW	9.0 feet Gage Height
SPILLWAY CREST ELEVATION	12.80 feet Gage Height
TOP OF BASIN ELEVATION	13.40 feet Gage Height

Location Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
None above	Static	pool	

Hydrograph of peak WY 2017 impoundment

No peaks greater than the static pool recorded in WY2017.

Phoenix Zoo Dam #3, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values														
	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		---			---		---		---			---			
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 2017	TOTAL		0	MEAN		0	MAX		0	MIN		0	AC_FT		0

Phoenix Zoo Dam #3, volume data

Volume, in acre-feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13	13	13	13	12	12	12	12	12	12	12	12
2	13	13	13	13	12	12	12	12	12	12	12	12
3	13	13	13	13	12	12	12	12	12	12	12	12
4	13	13	13	13	12	12	12	12	12	12	12	12
5	13	13	13	13	12	12	12	12	12	12	12	12
6	13	13	13	13	12	12	12	12	12	12	12	12
7	13	13	13	13	12	12	12	12	12	12	12	12
8	13	13	13	13	12	12	12	12	12	12	12	12
9	13	13	13	13	12	12	12	12	12	12	12	12
10	13	13	13	13	12	12	12	12	12	12	12	12
11	13	13	13	13	12	12	12	12	12	12	12	12
12	12	13	13	13	12	12	12	12	12	12	12	12
13	12	13	13	13	12	12	12	12	12	12	12	12
14	12	13	13	13	12	12	12	12	12	12	12	12
15	12	13	13	13	12	12	12	12	12	12	12	12
16	12	13	13	13	12	12	12	12	12	12	12	12
17	12	13	13	13	12	12	12	12	12	12	12	12
18	12	13	13	13	12	12	12	12	12	12	12	12
19	12	13	13	13	12	12	12	12	12	12	12	12
20	13	13	13	13	12	12	12	12	12	12	12	12
21	13	13	13	13	12	12	12	12	12	12	12	12
22	13	13	13	13	12	12	12	12	12	12	12	12
23	13	13	13	13	12	12	12	12	12	12	12	12
24	13	12	13	13	12	12	12	12	12	12	12	12
25	13	13	13	12	12	12	12	12	12	12	12	12
26	13	13	13	12	12	12	12	12	12	12	12	12
27	13	13	13	12	12	12	12	12	12	12	12	12
28	13	13	13	12	12	12	12	12	12	12	12	12
29	13	13	13	12	---	12	12	12	12	12	12	12
30	13	13	13	12	---	12	12	12	12	12	12	12
31	13	---	13	12	---	12	---	12	---	12	12	---
MEAN	13	13	13	13	12	12	12	12	12	12	12	12
MAX	13	13	13	13	12	12	12	12	12	12	12	12
MIN	12	12	12	12	12	12	12	12	12	12	12	12
WTR YR 2017	MEAN	12	MAX	13	MIN	12						

Phoenix Zoo Dam #3, stage data

Depth, in feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.6	9.4	9.3	9.4	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
2	9.8	9.4	9.3	9.4	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
3	10.0	9.5	9.2	9.4	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
4	10.1	9.6	9.2	9.4	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
5	10.0	9.6	9.2	9.4	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
6	10.1	9.7	9.3	9.4	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
7	10.0	9.8	9.2	9.4	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
8	9.4	9.9	9.2	9.4	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
9	9.2	10.0	9.2	9.4	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
10	9.2	10.0	9.2	9.4	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
11	9.1	9.6	9.2	9.3	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
12	9.1	9.4	9.2	9.3	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
13	9.0	9.3	9.2	9.3	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
14	9.0	9.2	9.3	9.2	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
15	9.0	9.3	9.3	9.3	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
16	9.0	9.5	9.3	9.3	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
17	9.0	9.4	9.4	9.4	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
18	9.0	9.4	9.5	9.3	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
19	9.1	9.4	9.5	9.4	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
20	9.1	9.4	9.5	9.5	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
21	9.2	9.4	9.5	9.7	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
22	9.2	9.3	9.6	9.5	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
23	9.2	9.1	9.6	9.4	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
24	9.2	9.1	9.5	9.4	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
25	9.2	9.1	9.4	9.2	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
26	9.2	9.2	9.4	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
27	9.2	9.2	9.4	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
28	9.3	9.3	9.4	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
29	9.3	9.3	9.3	8.9	---	8.9	8.9	8.9	8.9	8.9	8.9	8.9
30	9.3	9.3	9.3	8.9	---	8.9	8.9	8.9	8.9	8.9	8.9	8.9
31	9.3	---	9.3	8.9	---	8.9	---	8.9	---	8.9	8.9	---
MEAN	9.3	9.4	9.3	9.3	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
MAX	10.2	10.2	9.7	9.8	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
MIN	8.9	8.9	9.0	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
WTR YR 2017	MEAN	9.05	MAX	10.22	MIN	8.90						

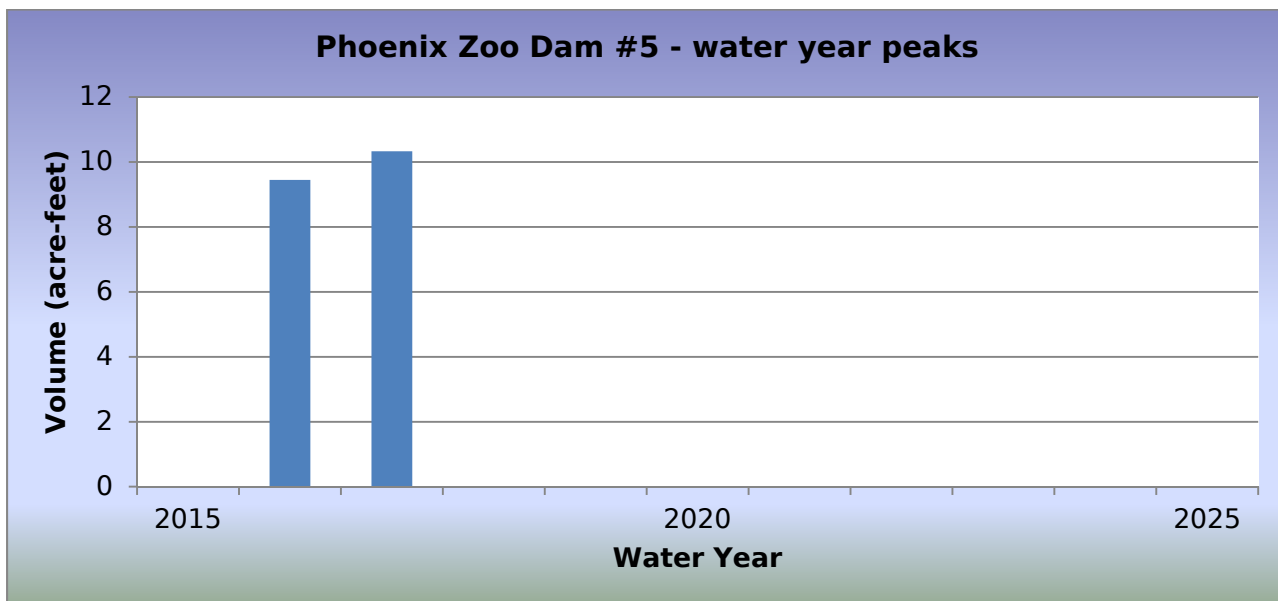
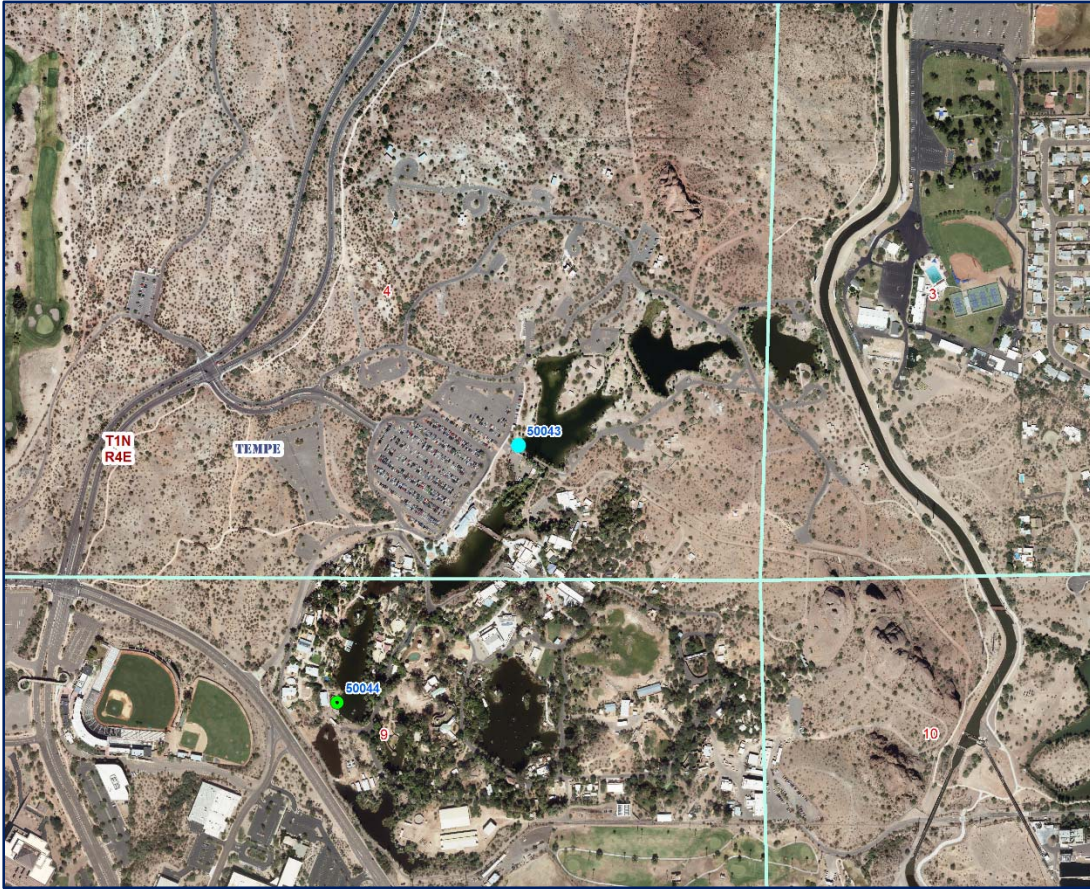
Phoenix Zoo Dam #5, ID #4407



Site Data

LOCATION	Located within the Phoenix Zoo property at the southwest corner.
DRAINAGE AREA	0.32 mi ²
STREAM TYPE	Dam with permanent lake
JURISDICTION	Phoenix, Arizona
WATERSHED	Lower ACDC
SECTION/TOWNSHIP/RANGE	S09 T1N R4E
LATITUDE	N 33° 26' 57.1" +33.44920
LONGITUDE	W 111° 57' 04.2" -111.95117
STREAMGAGE INSTALLATION DATE	04/28/2016 - WY 2016
AVAILABLE PERIOD OF RECORD (POR)	04/28/2016 - Current
LENGTH OF AVAILABLE POR DATA	1.43 Years 521 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	7.75 feet Gage Height
STAFF GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,204.50 feet MSL
POINT OF ZERO FLOW	Approximately 7.8 feet Gage Height
SPILLWAY CREST ELEVATION	8.70 feet Gage Height
TOP OF BASIN ELEVATION	9.20 feet Gage Height

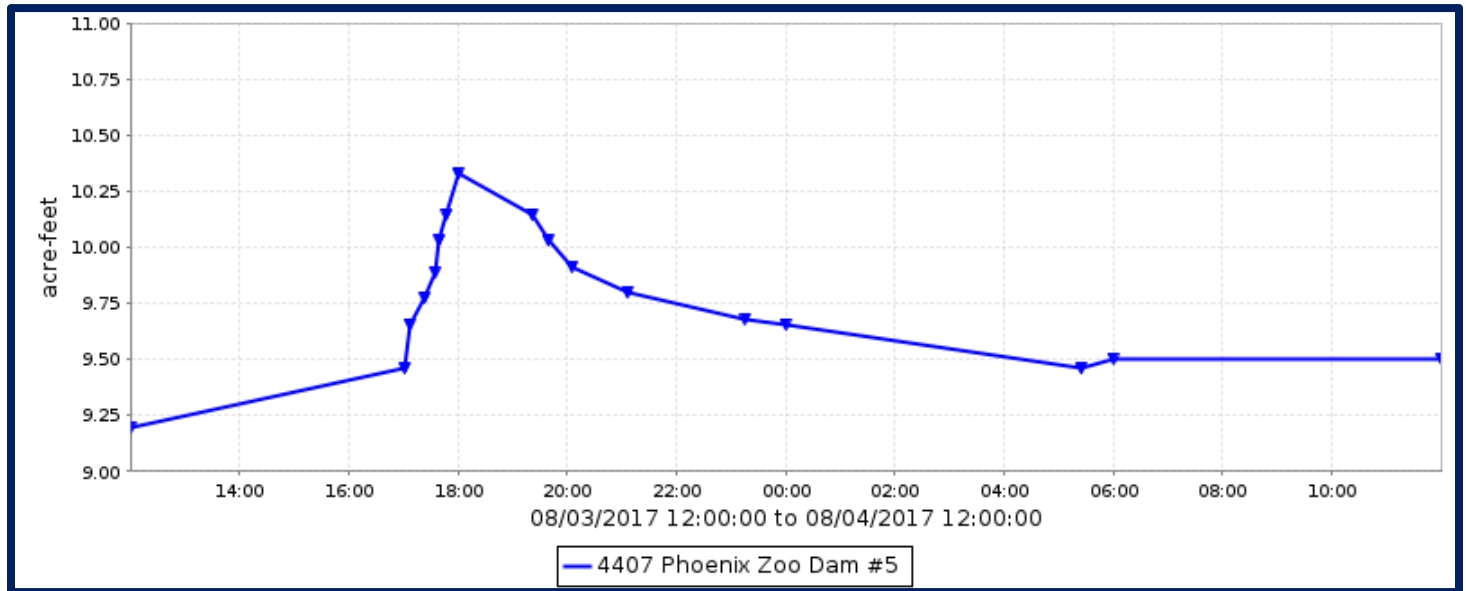
Location Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
08/03/2017	9.25	10.33	107.5

Hydrograph of peak WY 2017 impoundment event, 08/03/2017



Phoenix Zoo Dam #5, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values														
	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		---			---		---		---			---			
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 2017	TOTAL		0	MEAN		0	MAX		0	MIN		0	AC_FT		0

Phoenix Zoo Dam #5, volume data

Volume, in acre-feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9	9	9	9	9	9	9	9	9	9	9	9
2	9	9	9	9	9	9	9	9	9	9	9	9
3	9	9	9	9	9	9	9	9	9	9	9	9
4	9	9	9	9	9	9	9	9	9	9	10	9
5	9	9	9	9	9	9	9	9	9	9	9	9
6	9	9	9	9	9	9	9	9	9	9	9	9
7	9	9	9	9	9	9	9	9	9	9	9	9
8	9	9	9	9	9	9	9	9	9	9	9	9
9	9	9	9	9	9	9	9	9	9	9	9	9
10	9	9	9	9	9	9	9	9	9	9	9	9
11	9	9	9	9	9	9	9	9	9	9	9	9
12	9	9	9	9	9	9	9	9	9	9	9	9
13	9	9	9	9	9	9	9	9	9	9	9	9
14	9	9	9	9	10	9	9	9	9	9	9	9
15	9	9	9	9	9	9	9	9	9	9	9	9
16	9	9	9	9	9	9	9	9	9	9	9	9
17	9	9	9	9	9	9	9	9	9	9	9	9
18	9	9	9	9	9	9	9	9	9	9	9	9
19	9	9	9	9	9	9	9	9	9	9	9	9
20	9	9	9	9	9	9	9	9	9	9	9	9
21	9	9	9	9	9	9	9	9	9	9	9	9
22	9	9	9	9	9	9	9	9	9	9	9	9
23	9	9	9	9	9	9	9	9	9	9	9	9
24	9	9	9	9	9	9	9	9	9	9	9	9
25	9	9	9	9	9	9	9	9	9	9	9	9
26	9	9	9	9	9	9	9	9	9	9	9	9
27	9	9	9	9	9	9	9	9	9	9	9	9
28	9	9	9	9	9	9	9	9	9	9	9	9
29	9	9	9	9	---	9	9	9	9	9	9	9
30	9	9	9	9	---	9	9	9	9	9	9	9
31	9	---	9	9	---	9	---	9	---	9	9	---
MEAN	9	9	9	9	9	9	9	9	9	9	9	9
MAX	9	9	9	10	10	9	9	9	9	9	10	9
MIN	9	9	9	9	9	9	9	9	9	9	9	9
WTR YR 2017	MEAN		9	MAX	10	MIN	9					

Phoenix Zoo Dam #5, stage data

Depth, in feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.4	8.4	8.4	8.5	8.3	8.5	8.3	8.3	8.4	8.4	8.3	8.3
2	8.4	8.4	8.4	8.5	8.3	8.5	8.3	8.3	8.4	8.4	8.3	8.3
3	8.4	8.5	8.4	8.5	8.3	8.5	8.3	8.3	8.4	8.4	8.6	8.3
4	8.4	8.4	8.4	8.5	8.3	8.5	8.3	8.3	8.4	8.4	8.7	8.3
5	8.4	8.4	8.4	8.4	8.3	8.5	8.3	8.3	8.4	8.4	8.5	8.4
6	8.5	8.4	8.4	8.5	8.3	8.5	8.3	8.3	8.4	8.3	8.5	8.4
7	8.5	8.4	8.4	8.4	8.3	8.5	8.3	8.3	8.4	8.3	8.4	8.4
8	8.6	8.4	8.4	8.4	8.3	8.5	8.3	8.3	8.4	8.3	8.4	8.4
9	8.5	8.4	8.4	8.4	8.3	8.5	8.3	8.3	8.4	8.3	8.4	8.4
10	8.5	8.4	8.4	8.4	8.3	8.4	8.3	8.3	8.4	8.3	8.4	8.4
11	8.5	8.5	8.4	8.5	8.3	8.4	8.3	8.3	8.4	8.3	8.4	8.4
12	8.4	8.5	8.4	8.5	8.3	8.4	8.3	8.3	8.4	8.3	8.4	8.4
13	8.4	8.5	8.4	8.5	8.5	8.4	8.3	8.3	8.4	8.3	8.3	8.3
14	8.4	8.5	8.4	8.5	8.7	8.3	8.3	8.3	8.4	8.3	8.3	8.3
15	8.4	8.4	8.4	8.5	8.5	8.3	8.3	8.3	8.4	8.3	8.3	8.3
16	8.4	8.5	8.4	8.4	8.5	8.3	8.3	8.3	8.4	8.3	8.3	8.3
17	8.4	8.5	8.4	8.5	8.4	8.3	8.3	8.3	8.4	8.4	8.4	8.3
18	8.4	8.4	8.4	8.4	8.4	8.3	8.3	8.3	8.4	8.4	8.4	8.2
19	8.4	8.4	8.4	8.4	8.5	8.3	8.3	8.3	8.4	8.4	8.4	8.2
20	8.4	8.4	8.4	8.5	8.6	8.3	8.3	8.3	8.4	8.3	8.3	8.2
21	8.4	8.4	8.4	8.6	8.6	8.2	8.3	8.3	8.4	8.4	8.3	8.2
22	8.4	8.5	8.5	8.5	8.6	8.2	8.3	8.3	8.4	8.4	8.4	8.2
23	8.4	8.4	8.5	8.5	8.5	8.2	8.3	8.3	8.4	8.4	8.4	8.2
24	8.4	8.4	8.5	8.5	8.5	8.2	8.3	8.3	8.4	8.4	8.4	8.2
25	8.5	8.4	8.5	8.5	8.5	8.4	8.3	8.3	8.4	8.4	8.4	8.3
26	8.5	8.4	8.5	8.5	8.5	8.4	8.3	8.3	8.4	8.4	8.4	8.4
27	8.5	8.4	8.4	8.4	8.5	8.4	8.3	8.3	8.4	8.4	8.4	8.3
28	8.4	8.4	8.4	8.4	8.5	8.4	8.3	8.3	8.3	8.3	8.4	8.4
29	8.5	8.4	8.5	8.4	---	8.4	8.3	8.3	8.4	8.3	8.4	8.3
30	8.4	8.4	8.5	8.4	---	8.4	8.3	8.4	8.4	8.3	8.3	8.3
31	8.4	---	8.5	8.4	---	8.4	---	8.4	---	8.3	8.3	---
MEAN	8.4	8.5	8.4	8.5	8.4	8.4	8.3	8.3	8.4	8.3	8.4	8.3
MAX	8.6	8.5	8.5	8.7	8.7	8.5	8.3	8.4	8.4	8.4	9.2	8.4
MIN	8.4	8.4	8.4	8.3	8.3	8.2	8.2	8.2	8.3	8.3	8.3	8.2
WTR YR 2017	MEAN	8.39	MAX	9.25	MIN	8.15						

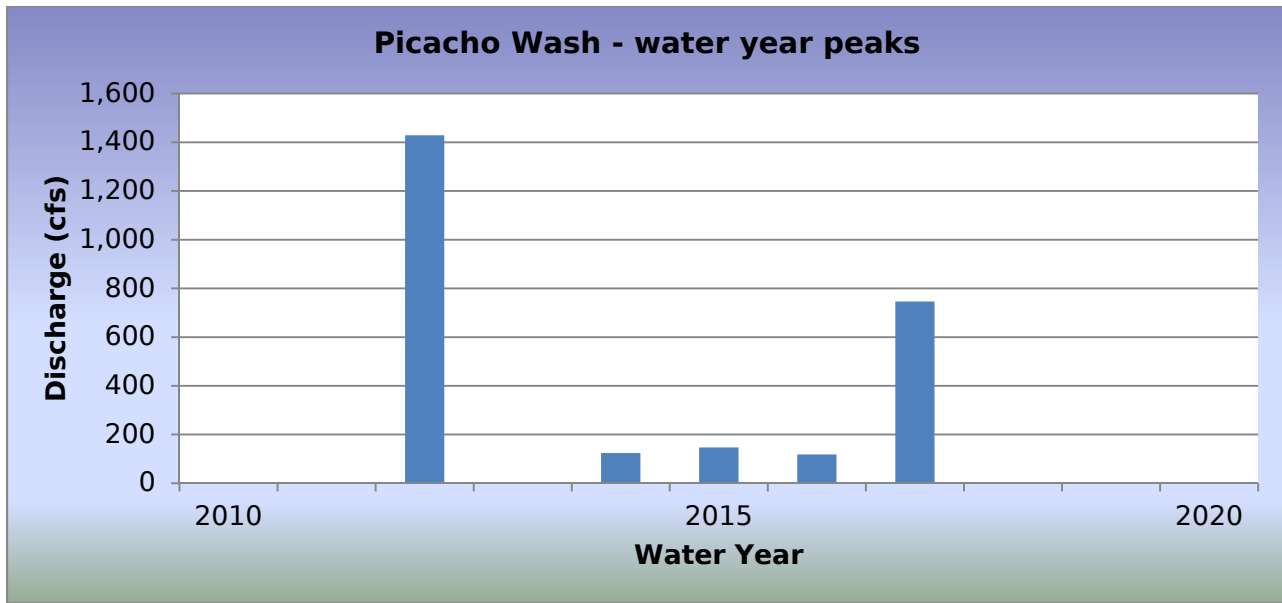
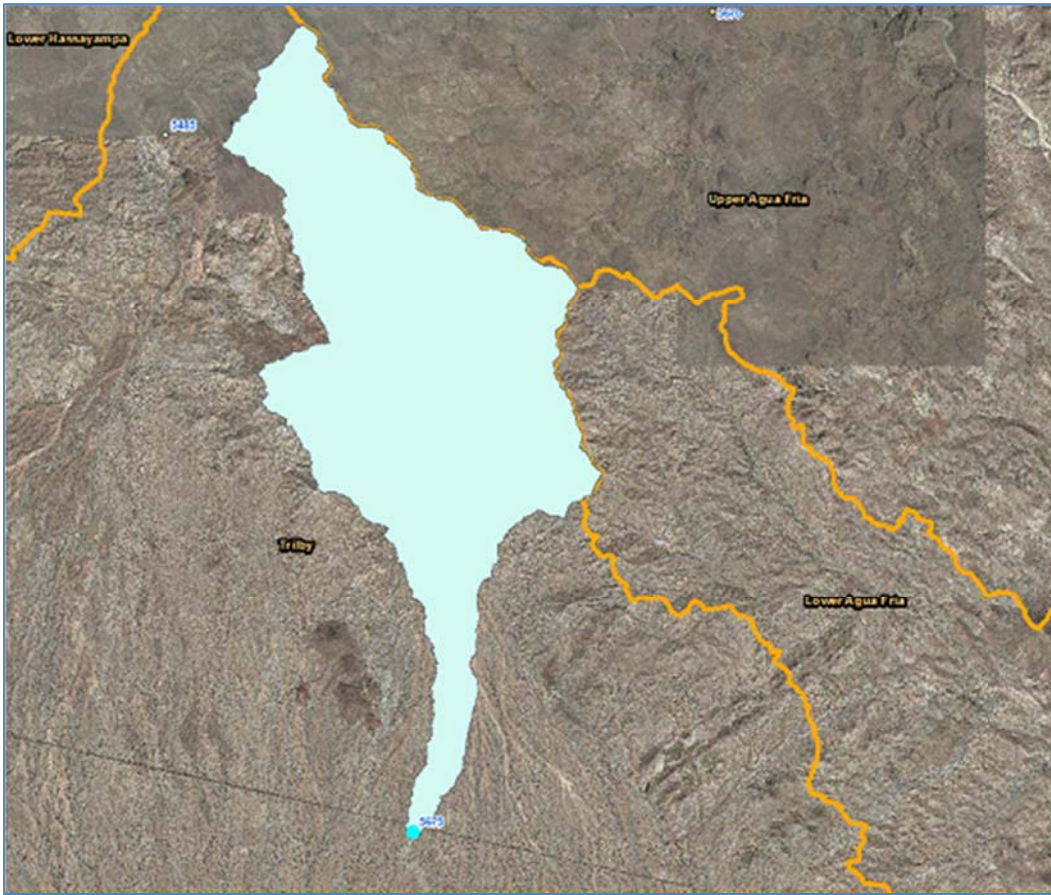
Picacho Wash, ID #5678



Site Data

LOCATION	Located near milepost 10 on SR74
DRAINAGE AREA	17.8 mi ²
STREAM TYPE	Natural Stream
JURISDICTION	Maricopa County, Arizona
WATERSHED	Trilby
SECTION/TOWNSHIP/RANGE	S28 T6N R2W
LATITUDE	N 33° 50' 08.3" +33.83563
LONGITUDE	W 112° 28' 32.1" -112.47557
ARIZONA STATE PLANE	E 530364 N 1032224
USGS QUAD SHEET	Hieroglyphic Mountains SW 7.5-Minute
STREAMGAGE INSTALLATION DATE	04/11/2012 - WY 2012
AVAILABLE PERIOD OF RECORD (POR)	04/11/2012 - Current
LENGTH OF AVAILABLE POR DATA	5.47 Years 1,999 Days
DATA GAPS IN POR	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.98 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	1,962.000 feet NAVD 1988
POINT OF ZERO FLOW	0.1 feet
EXTREME FOR PERIOD OF RECORD	1,429 cfs 3.53 feet 08/16/2012

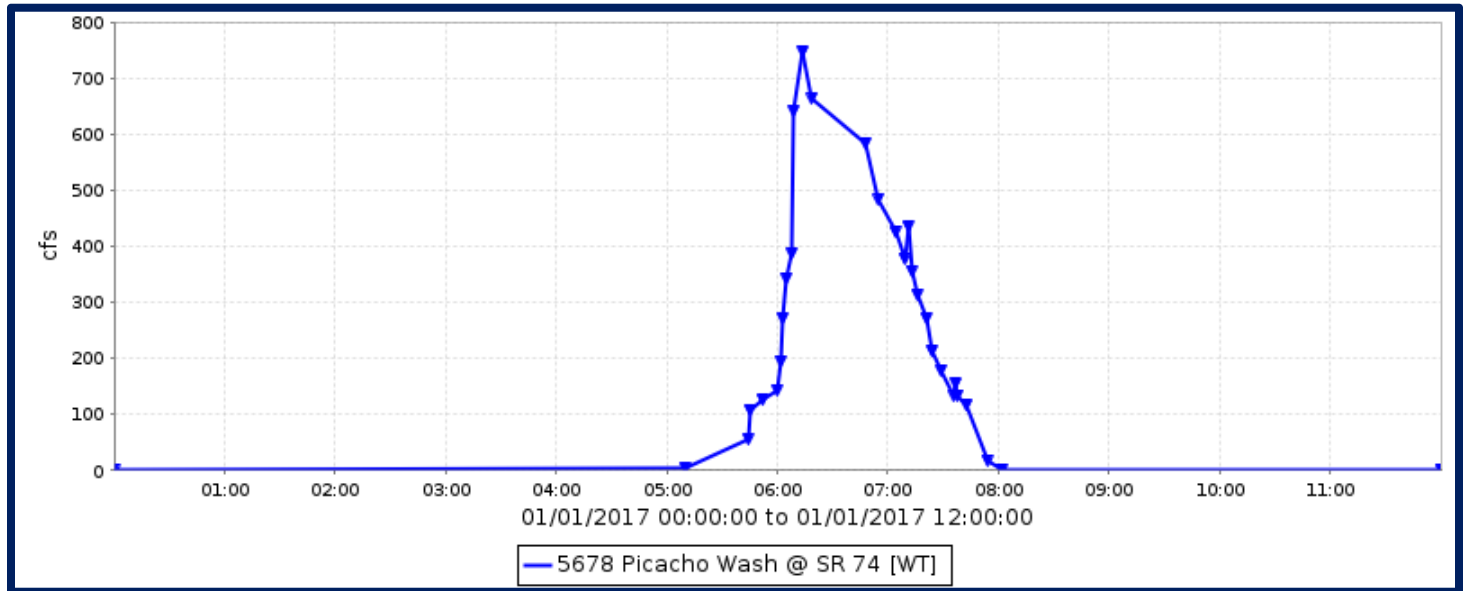
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
01/01/2017	2.73	746

Hydrograph of peak WY 2017 flow event, 08/03/2016



Flood Flow Frequency

There is not enough data to compute a flood flow frequency for this gage station.

Picacho Wash, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				35								
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		---			---		---		---			---
TOTAL	0	0	0	35	0	0	0	0	0	0	0	0
MEAN	0	0	0	1	0	0	0	0	0	0	0	0
MAX	0	0	0	746	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	70	0	0	0	0	0	0	0	0
WTR YR 2017	TOTAL		35	MEAN	0	MAX	746	MIN	0	AC_FT		70

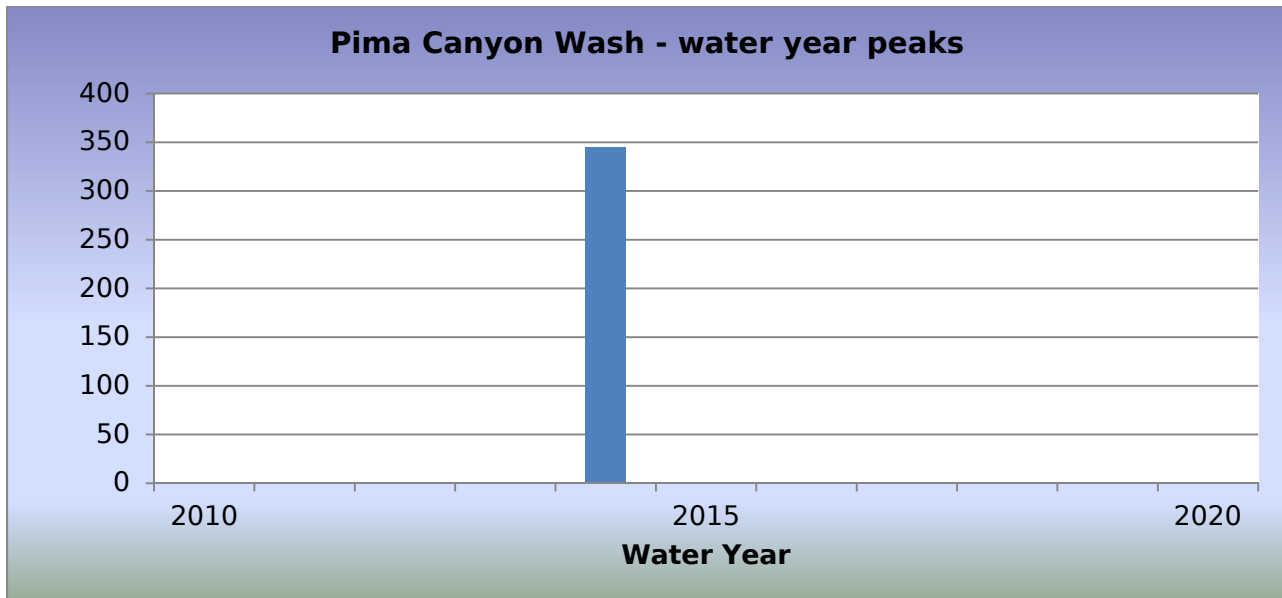
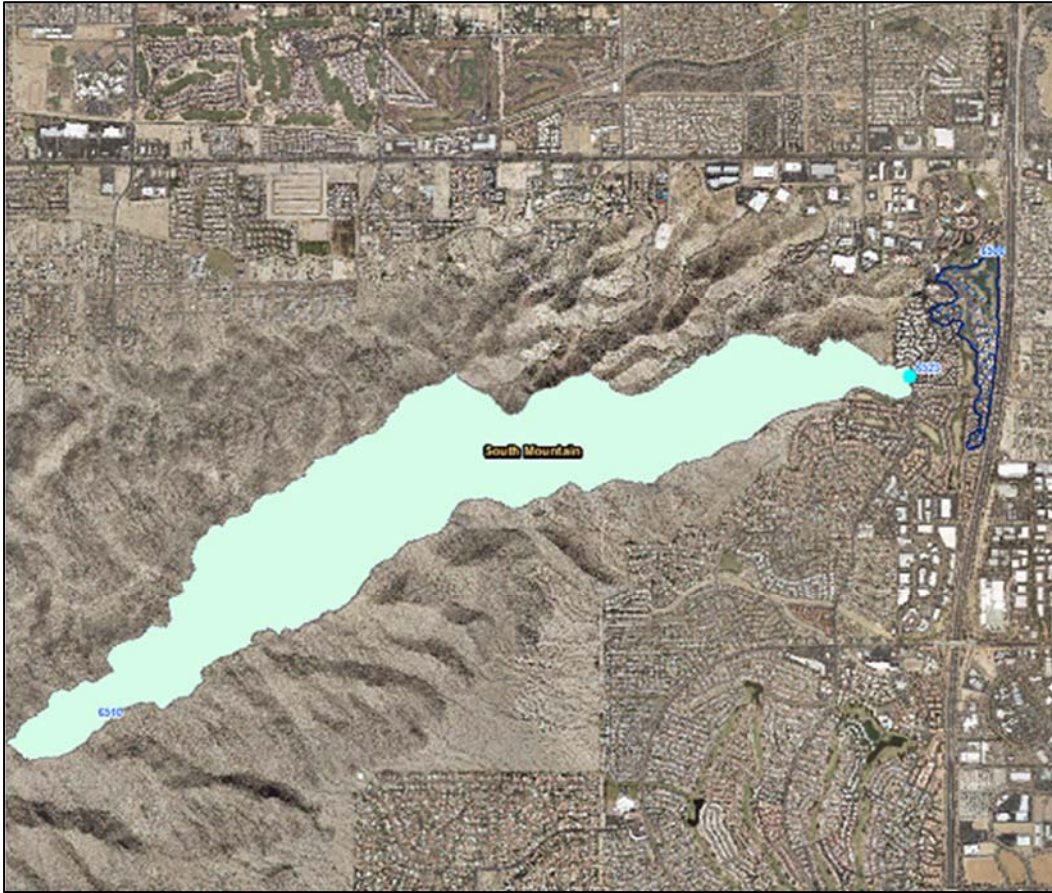
Pima Canyon Wash, ID #6523



Site Data

LOCATION	Located near 48th Street and Guadalupe Road
DRAINAGE AREA	1.51 mi ²
STREAM TYPE	Culvert
JURISDICTION	Phoenix, Arizona
WATERSHED	South Mountain
SECTION/TOWNSHIP/RANGE	S05 T1S R4E
LATITUDE	N 33° 21' 54.1" +33.36504
LONGITUDE	W 111° 58' 30.4" -111.97512
STREAMGAGE INSTALLATION DATE	04/15/2014 - WY 2014
AVAILABLE PERIOD OF RECORD (POR)	04/15/2014 - Current
LENGTH OF AVAILABLE POR DATA	3.46 Years 1,265 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	1.69 feet Gage Height
STAFF GAGES	1
CREST STAGE GAGES	None
ZERO GAGE HEIGHT ELEVATION	0.00 feet Gage Height
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	345 cfs 6.52 feet Gage Height 09/08/2014

Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
No runoff		

Hydrograph of peak WY 2017 flow event

There was no runoff recorded during Water Year 2017.

Flood Flow Frequency

There is not enough data to compute a flood flow frequency for this gage station.

Pima Canyon Wash, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values														
	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		---			---		---		---			---			
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 2017	TOTAL		0	MEAN		0	MAX		0	MIN		0	AC_FT		0

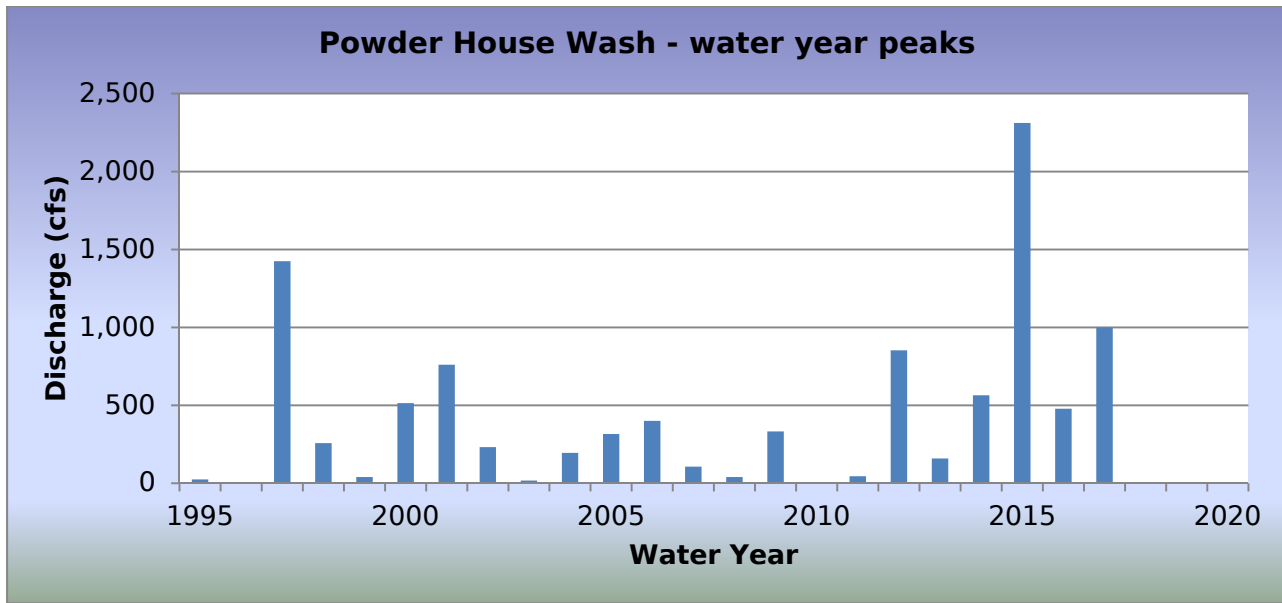
Powder House Wash, ID #7113



Site Data

LOCATION	In Wickenburg, north of Constellation Road
DRAINAGE AREA	1.8 mi ²
STREAM TYPE	Natural Stream
JURISDICTION	Wickenburg, Arizona
WATERSHED	Lower Hassayampa
SECTION/TOWNSHIP/RANGE	S06 T7N R4W
LATITUDE	N 33° 58' 51.0" +33.98083
LONGITUDE	W 112° 43' 02.3" -112.71732
STREAMGAGE INSTALLATION DATE	05/18/1995 - WY 1995
AVAILABLE PERIOD OF RECORD (POR)	05/18/1995 - Current
LENGTH OF AVAILABLE POR DATA	22.37 Years 8,172 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.00 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	2
ZERO GAGE HEIGHT ELEVATION	2,133.71 feet NAVD 1988
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	2,312 cfs 2.42 feet 07/18/2015

Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
08/10/2017	0.53	1,000

Hydrograph of peak WY 2017 flow event, 08/10/2017

Hydrograph Unavailable due to significant channel scour during event. Event occurred and was below the level sensor.

Flood Flow Frequency

Flood Flow Frequency N=23, HEC-WRC computation (based on 23 years of data)					
2-year	5-year	10-year	20-year	50-year	100-year
202	725	1,330	2,130	3,510	4,800

NOTE: These results are based on very limited data.

Powder House Wash, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values														
	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		---			---		---		---			---			
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 2017	TOTAL		0	MEAN		0	MAX		0	MIN		0	AC_FT		0

NOTE: Event of August 10, 2017 caused significant channel scour and failed to be recorded by the transducer.

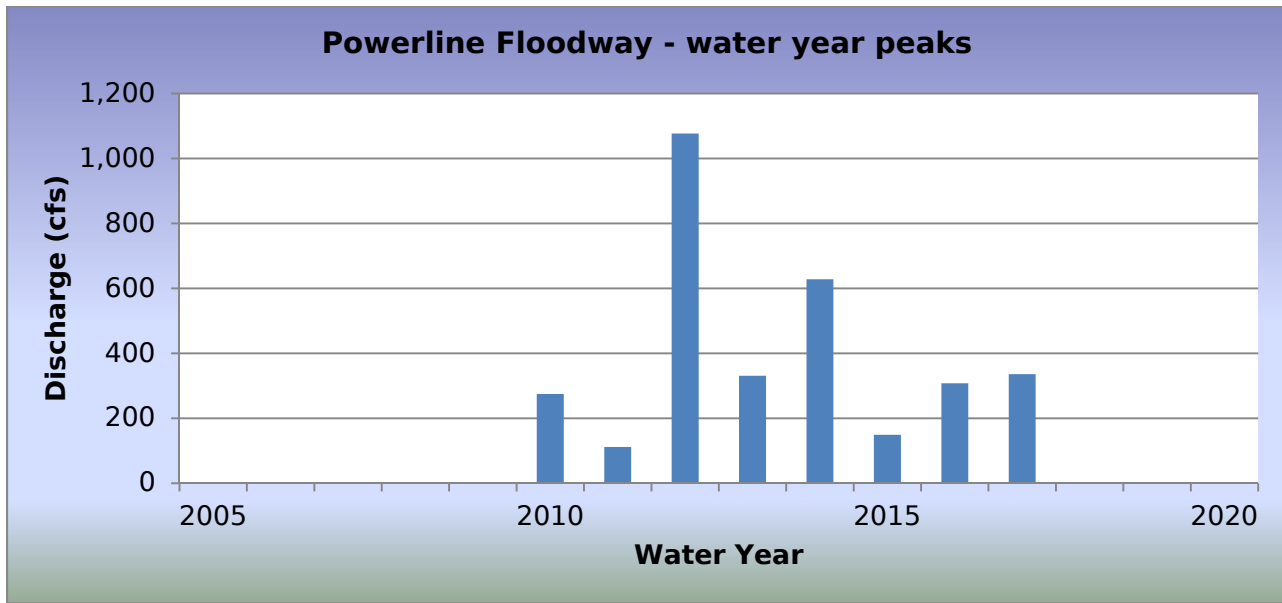
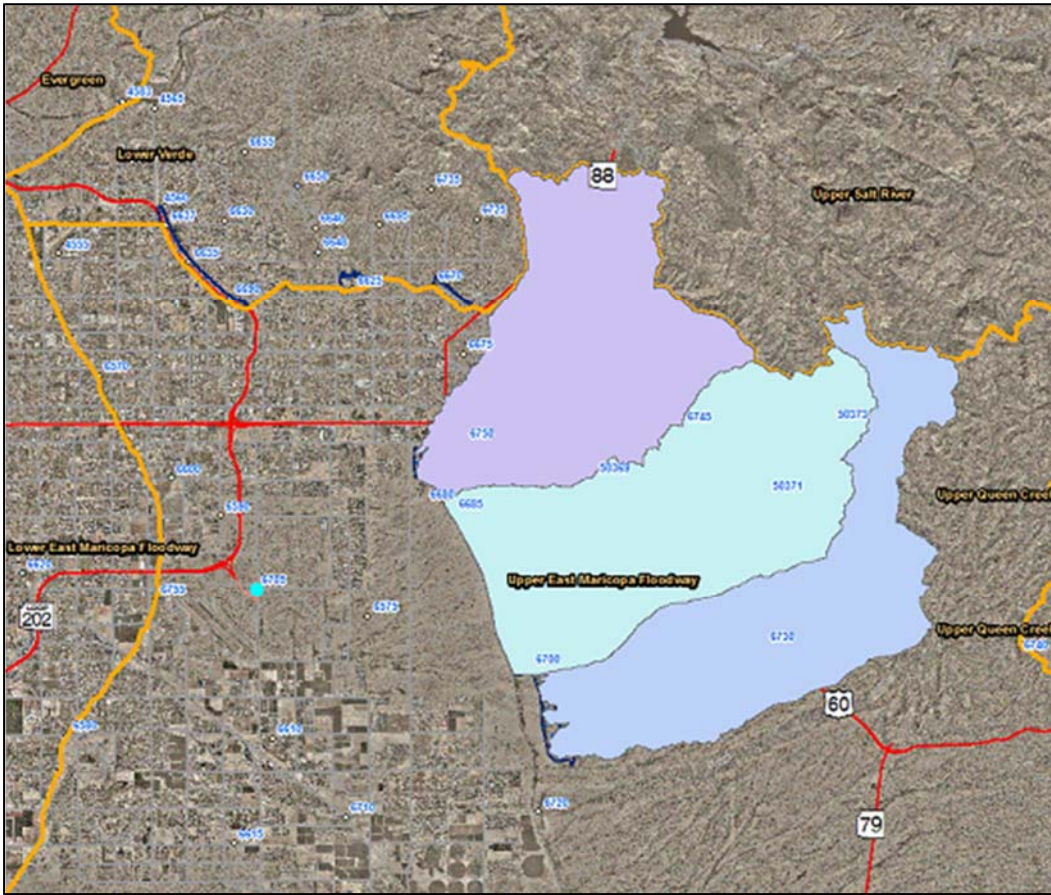
Powerline Floodway, ID #6708



Site Data

LOCATION	Located near Ellsworth and Ray Roads
DRAINAGE AREA	Not Determined
STREAM TYPE	Engineered Channel
JURISDICTION	Mesa, Arizona
WATERSHED	Lower East Maricopa Floodway
SECTION/TOWNSHIP/RANGE	S28 T1S R7E
LATITUDE	N 33° 19' 16.4" +33.32123
LONGITUDE	W 111° 38' 09.9" -111.63609
STREAMGAGE INSTALLATION DATE	02/13/2008 - WY 2008
AVAILABLE PERIOD OF RECORD (POR)	02/13/2008 - Current
LENGTH OF AVAILABLE POR DATA	9.63 Years 3,518 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.20 feet Gage Height
STAFF GAGES	None
CREST STAGE GAGES	None
ZERO GAGE HEIGHT ELEVATION	0.00 feet Gage Height
POINT OF ZERO FLOW	0.00 feet Gage Height
EXTREME FOR PERIOD OF RECORD	1,077 cfs 4.70 feet 09/04/2012

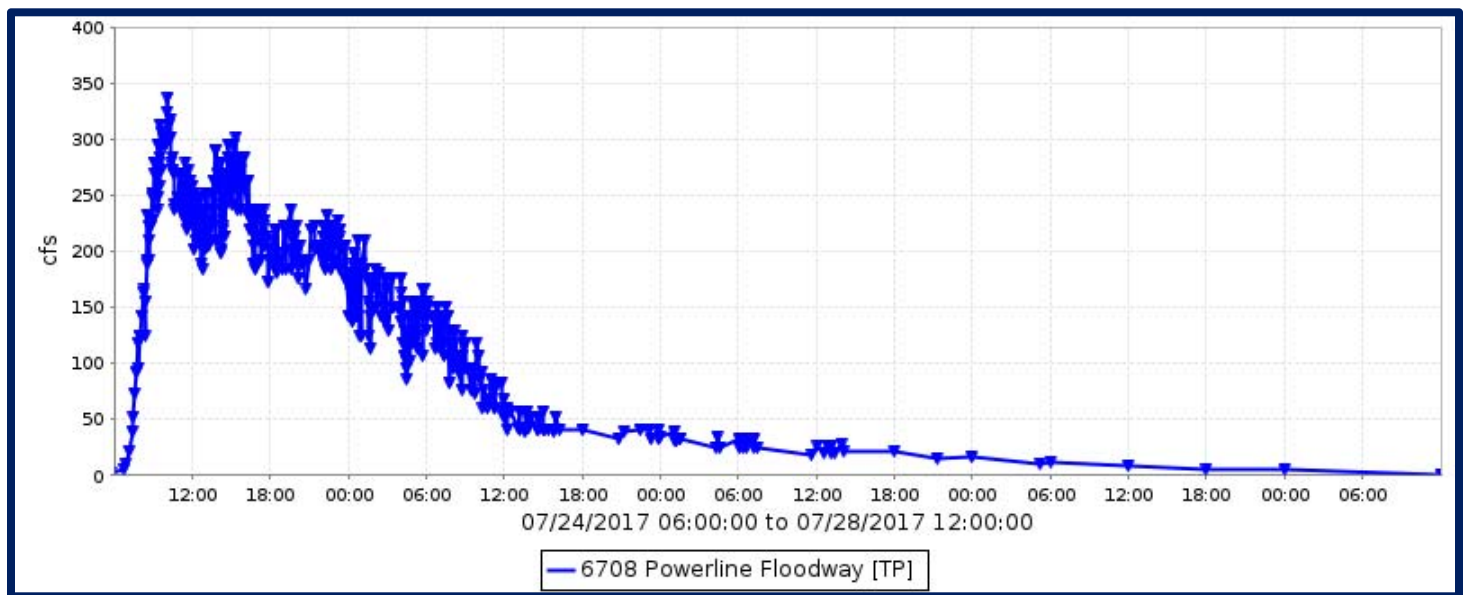
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
12/22/2016	1.67	175
01/01/2017	0.59	14
01/21/2017	0.80	26
01/21/2017	0.60	14
07/10/2017	1.12	59
07/23/2017	0.92	35
07/24/2017	2.47	336
07/30/2017	1.42	117
08/02/2017	0.77	24
08/03/2017	1.10	56
08/26/2017	1.02	45

Hydrograph of peak WY 2017 flow event, 07/24/2017



Flood Flow Frequency

Runoff at this station is mainly due to discharge from Powerline FRS and Vineyard FRS and is regulated by the size of the outlets for each structure. Flood Frequency data would not be meaningful at this location.

Powerline Floodway, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				4								
2				3							9	
3											9	
4											4	
5											---	
6												
7												
8												
9												
10										3		
11										1		
12												
13												
14												
15												
16												
17												
18												
19												
20												
21				11								
22			38	2								
23			17							2		
24		---								156		
25										84		
26										24	5	
27										10	3	
28										2		
29					---					7		
30					---					31		
31		---			---		---		---			---
TOTAL	0	0	55	19	0	0	0	0	0	319	31	0
MEAN	0	0	2	1	0	0	0	0	0	10	1	0
MAX	7	0	175	26	0	0	3	0	0	336	56	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	109	39	0	0	0	0	0	633	61	0
WTR YR 2017	TOTAL		425	MEAN		1	MAX	336	MIN	0	AC_FT	842

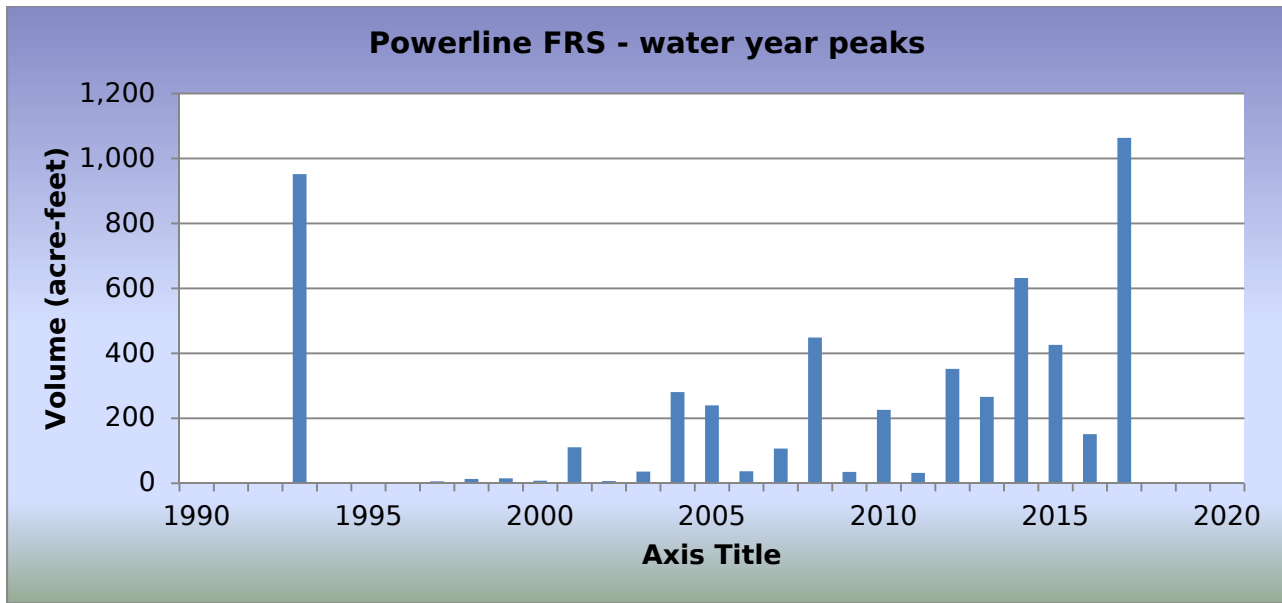
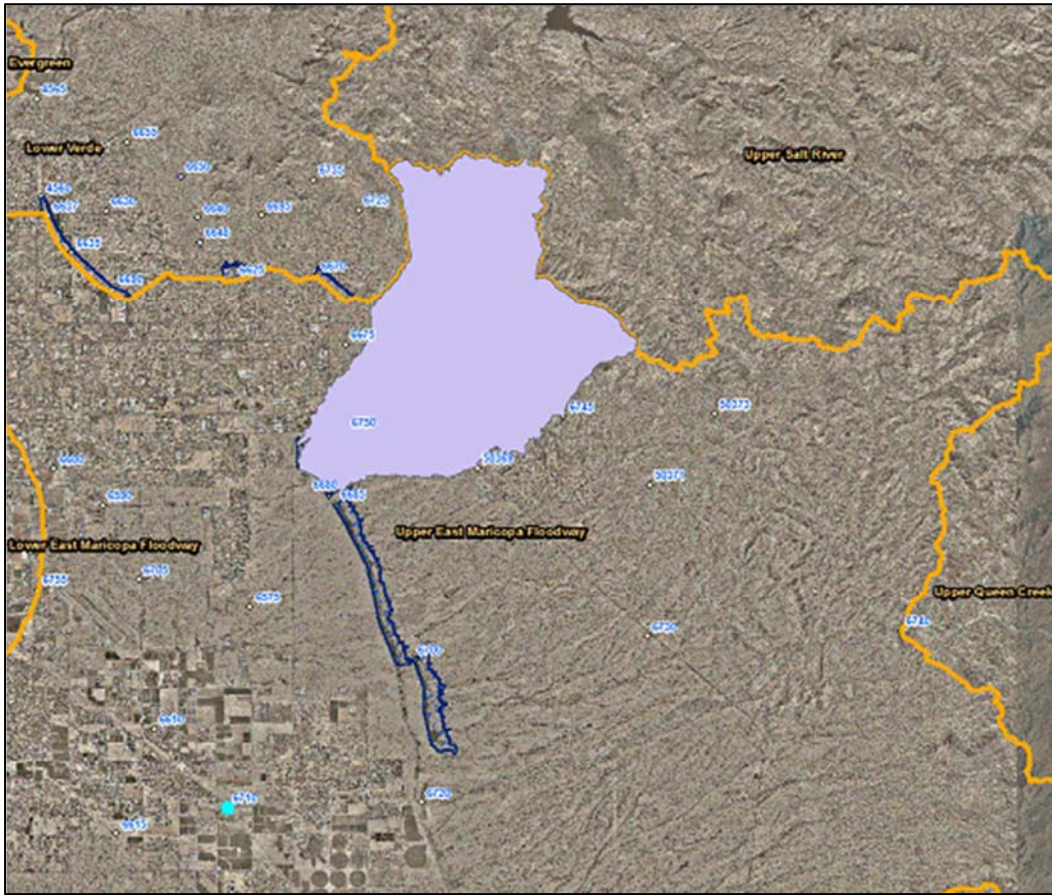
Powerline FRS, ID #6683



Site Data

LOCATION	Located south of Apache Junction east of Ironwood Road
DRAINAGE AREA	46.2 mi ²
STREAM TYPE	Dam of natural drainage
JURISDICTION	Pinal County, Arizona
WATERSHED	Upper East Maricopa Floodway
SECTION/TOWNSHIP/RANGE	S09 T1S R8E
LATITUDE	N 33° 21' 16.7" +33.35463
LONGITUDE	W 111° 32' 45.5" -111.54598
STREAMGAGE INSTALLATION DATE	12/02/1992 - WY 1993
AVAILABLE PERIOD OF RECORD (POR)	12/02/1992 - Current
LENGTH OF AVAILABLE POR DATA	24.83 Years 9,069 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.20 feet Gage Height
STAFF GAGES	5
ZERO GAGE HEIGHT ELEVATION	1,563.82 feet NAVD 1988
POINT OF ZERO FLOW	0.00 feet Gage Height
SPILLWAY ELEVATION	21.1 feet Gage Height
TOP OF DAM ELEVATION	25.6 feet Gage Height

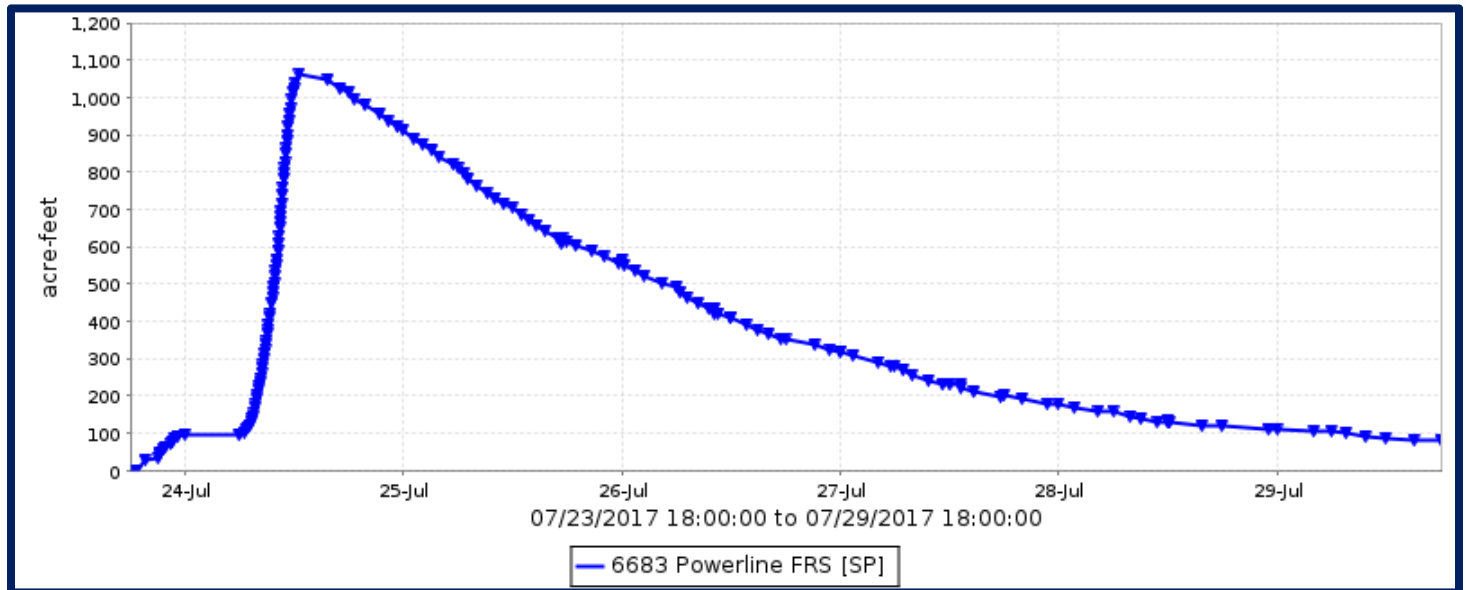
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
12/22/2016	1.48	94.4	1.2
07/24/2017	8.99	1,063.9	21.7
07/29/2017	2.25	146.1	2.9
08/04/2017	1.47	93.8	1.7
08/26/2017	1.03	65.7	1.0

Hydrograph of peak WY 2017 impoundment event, 08/09/2016



Powerline FRS, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1											7	
2												
3											3	
4											15	
5											7	
6												
7												
8												
9												
10											---	
11												
12												
13												
14												
15												
16												
17												
18												
19												
20				---								
21				---								
22			7	---								
23			10							2		
24			3							71		
25										87		
26										66	2	
27										45	1	
28										28		
29					---					19		
30					---					26		
31		---			---		---		---	17		---
TOTAL	0	0	20	0	0	0	0	0	0	361	36	0
MEAN	0	0	1	0	0	0	0	0	0	12	1	0
MAX	0	0	18	0	0	0	0	0	0	106	18	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	40	0	0	0	0	0	0	716	71	0
WTR YR 2017	TOTAL		417	MEAN	1	MAX	106	MIN	0	AC_FT	827	

Powerline FRS, volume data

Volume, in acre-feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1											37	
2												
3											18	
4											77	
5											36	
6												
7												
8												
9												
10											---	
11												
12												
13												
14												
15												
16												
17												
18												
19												
20				---								
21				---								
22			37	---								
23			54							10		
24			14							634		
25										720		
26										426	12	
27										242	7	
28										139		
29					---					99		
30					---					125		
31		---			---		---		---	88		---
MEAN	0	0	3	0	0	0	0	0	0	80	6	0
MAX	0	0	94	0	0	0	0	0	0	1064	94	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2017	MEAN		8	MAX	1064	MIN	0					

Powerline FRS, stage data

Depth, in feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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	0.7	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	0.4	0.2
4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	1.2	0.2
5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.6	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
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
21	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	0.7	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
23	0.2	0.2	0.8	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2
24	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	5.8	0.2	0.2
25	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	6.9	0.2	0.2
26	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	4.7	0.4	0.2
27	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	3.2	0.3	0.2
28	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	2.1	0.2	0.2
29	0.2	0.2	0.2	0.2	---	0.2	0.2	0.2	0.2	1.6	0.2	0.2
30	0.2	0.2	0.2	0.2	---	0.2	0.2	0.2	0.2	2.0	0.2	0.2
31	0.2	---	0.2	0.2	---	0.2	---	0.2	---	1.4	0.2	---
MEAN	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	1.0	0.3	0.2
MAX	0.2	0.2	1.5	0.2	0.2	0.2	0.2	0.2	0.2	9.0	1.5	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 2017	MEAN	0.28	MAX	8.99	MIN	0.20						

Price Drain, ID #4573



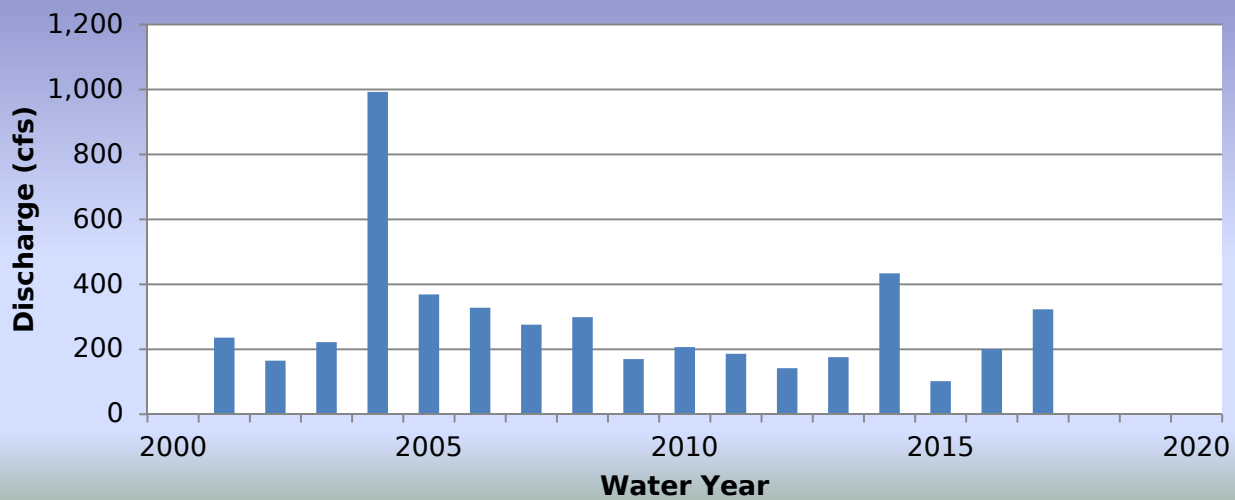
Site Data

LOCATION	Located within the Loop 101 / Loop 202 Interchange
DRAINAGE AREA	Not Determined
STREAM TYPE	Engineered Channel
JURISDICTION	Mesa
WATERSHED	Lower East Maricopa Floodway
SECTION/TOWNSHIP/RANGE	S18 T1N R5E
LATITUDE	N 33° 26' 03.8" +33.43440
LONGITUDE	W 111° 53' 25.0" -111.89028
STREAMGAGE INSTALLATION DATE	02/18/2001 - WY 2001
AVAILABLE PERIOD OF RECORD (POR)	02/18/2001 - Current
LENGTH OF AVAILABLE POR DATA DATA	16.62 Years 6,069 Days
DATA GAPS IN POR	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.26 feet Gage Height
ZERO GAGE HEIGHT ELEVATION	0.00 feet Gage Height
POINT OF ZERO FLOW	0.00 feet Gage Height
EXTREME FOR PERIOD OF RECORD	993 cfs 8.50 feet 03/04/2004

Location Map (watershed undetermined)



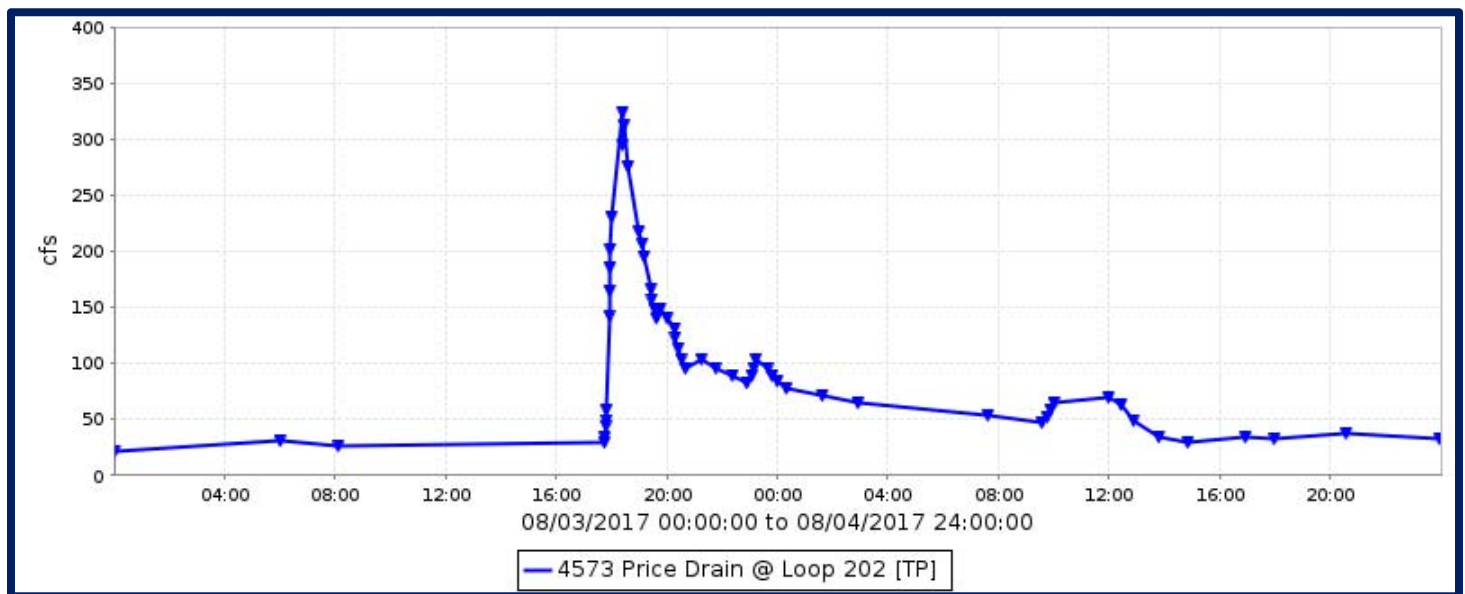
Price Drain - water year peaks



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
10/02/2016	2.38	87
11/03/2016	2.43	91
11/09/2016	2.01	63
11/28/2016	2.06	66
12/22/2016	3.03	138
12/24/2016	2.18	73
01/01/2017	2.31	82
01/21/2017	3.78	207
02/19/2017	2.81	119
02/28/2017	2.16	72
07/23/2017	3.77	206
07/24/2017	3.20	152
08/03/2017	4.70	323
08/12/2017	2.70	111

Hydrograph of peak WY 2017 flow event, 08/03/2017



Flood Flow Frequency

This site is not suitable to compute a flood flow frequency.

Price Drain, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

Daily Mean Values												
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	18	19	16	34	17	33	17	19	18	20	21	35
2	48	19	16	17	15	16	16	20	16	20	27	32
3	29	35	18	17	16	15	19	22	17	19	54	30
4	17	38	15	20	15	14	19	21	17	19	51	32
5	20	21	15	19	14	15	20	19	16	24	31	32
6	19	21	17	19	14	16	18	19	18	21	23	29
7	19	20	16	19	15	15	19	18	22	20	26	32
8	21	19	15	19	17	18	19	19	19	20	26	29
9	20	24	15	18	18	19	20	19	18	20	26	26
10	19	20	15	17	16	14	20	21	18	21	28	23
11	20	20	15	19	15	14	20	13	18	22	27	22
12	19	19	16	20	16	14	22	10	18	26	37	22
13	18	18	15	17	17	13	28	10	18	25	45	20
14	18	19	15	17	20	14	33	8	22	20	33	21
15	18	22	16	20	20	18	26	16	20	20	30	28
16	18	19	18	19	18	19	26	19	18	22	34	23
17	18	20	16	18	18	17	28	19	20	35	37	20
18	19	20	16	18	26	19	26	18	19	20	30	23
19	17	19	16	19	82	19	30	18	19	25	33	22
20	18	17	17	51	29	18	26	17	18	23	32	22
21	19	20	20	90	18	15	26	18	21	31	34	21
22	18	18	68	30	13	14	24	16	20	21	35	22
23	18	18	21	15	12	17	20	19	20	33	35	21
24	17	17	29	13	13	17	20	19	20	71	53	20
25	15	17	31	12	14	13	20	18	20	53	35	20
26	18	18	16	12	12	15	22	18	23	45	33	20
27	22	22	14	15	14	15	22	17	21	31	33	21
28	20	30	18	15	37	16	22	17	24	27	28	20
29	19	18	18	19	---	18	20	16	25	24	30	21
30	19	16	16	20	---	17	20	20	21	20	35	22
31	19	---	21	20	---	19	---	20	---	21	37	---
TOTAL	617	621	589	679	553	514	669	541	584	818	1040	730
MEAN	20	21	19	22	20	17	22	17	19	26	34	24
MAX	87	91	138	207	119	53	42	35	36	206	323	46
MIN	15	15	14	11	12	0	2	0	0	18	20	19
AC_FT	1225	1231	1168	1346	1097	1020	1326	1074	1158	1622	2063	1449
WTR YR 2017	TOTAL	7955	MEAN	22	MAX	323	MIN	0	AC_FT	15779		

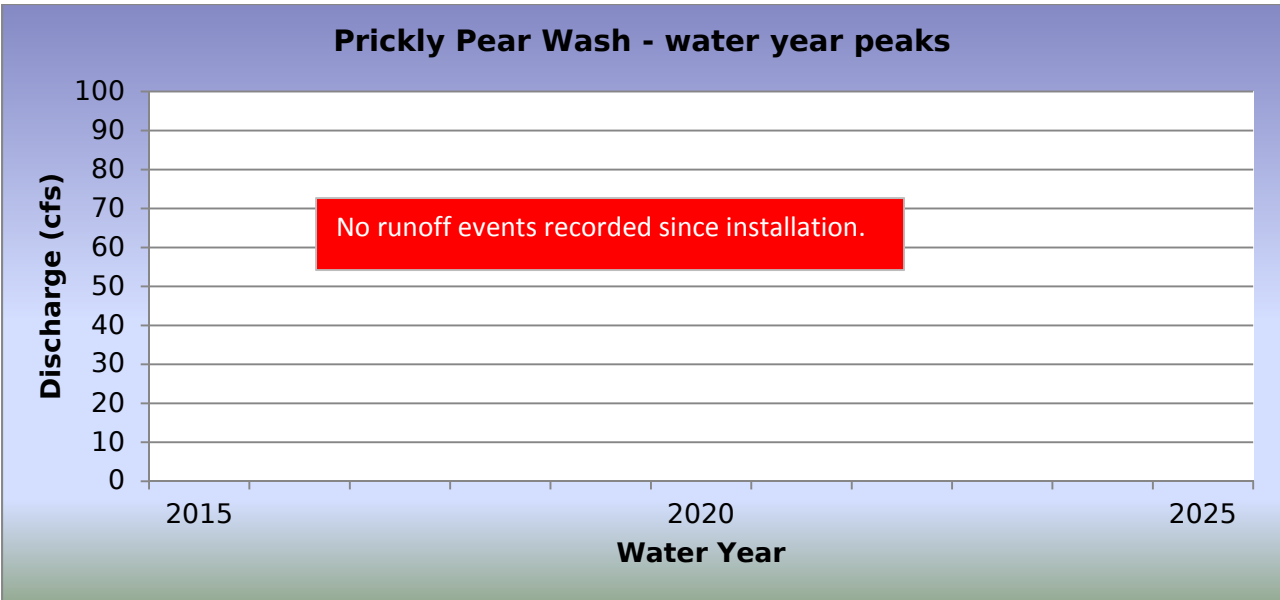
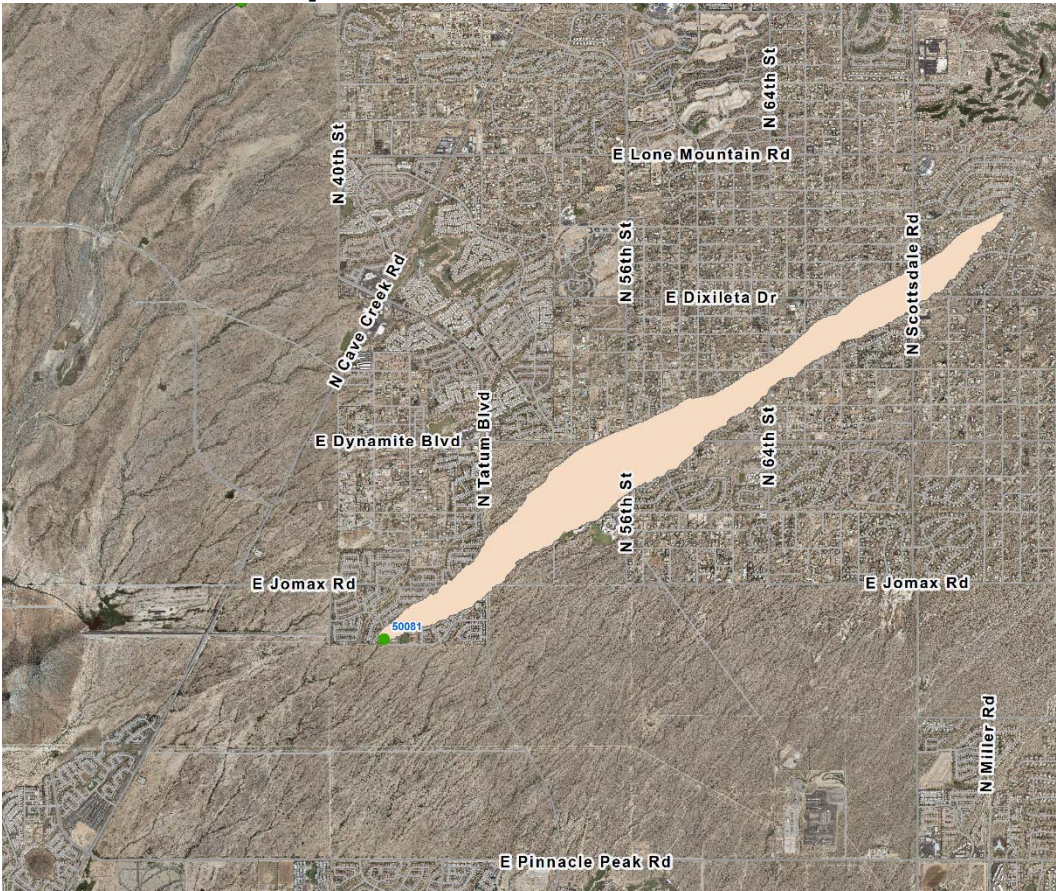
Prickly Pear Wash, ID #8107



Site Data

LOCATION	Located at John Teets Park near Ramuda Drive and 43 rd Way
DRAINAGE AREA	1.38 mi ²
STREAM TYPE	Natural Stream
JURISDICTION	Phoenix, Arizona
WATERSHED	Skunk Creek
SECTION/TOWNSHIP/RANGE	S06 T4N R4E
LATITUDE	N 33° 43' 15.9" +33.72107
LONGITUDE	W 111° 59' 24.0" -111.99001
STREAMGAGE INSTALLATION DATE	06/01/2017 - WY 2017
AVAILABLE PERIOD OF RECORD (POR)	06/01/2017 - Current
LENGTH OF AVAILABLE POR DATA	0.33 Years 122 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.70 feet Gage Height
STAFF GAGES	None
CREST STAGE GAGES	None
ZERO GAGE HEIGHT ELEVATION	1,730.25 feet NAVD88
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	None recorded since installation

Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
None		

Hydrograph of peak WY 2017 flow event

There was no runoff events recorded in Water Year 2017.

Flood Flow Frequency

There is not enough data to compute a flood flow frequency for this gage station.

Prickly Pear Wash, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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	---	---	---	---	---	---	---	---	---			---
TOTAL	---	---	---	---	---	---	---	---	0	0	0	0
MEAN	---	---	---	---	---	---	---	---	0	0	0	0
MAX	---	---	---	---	---	---	---	---	0	0	0	0
MIN	---	---	---	---	---	---	---	---	0	0	0	0
AC_FT	---	---	---	---	---	---	---	---	0	0	0	0
WTR YR 2017	TOTAL		0	MEAN	0	MAX	0	MIN	0	AC_FT	0	

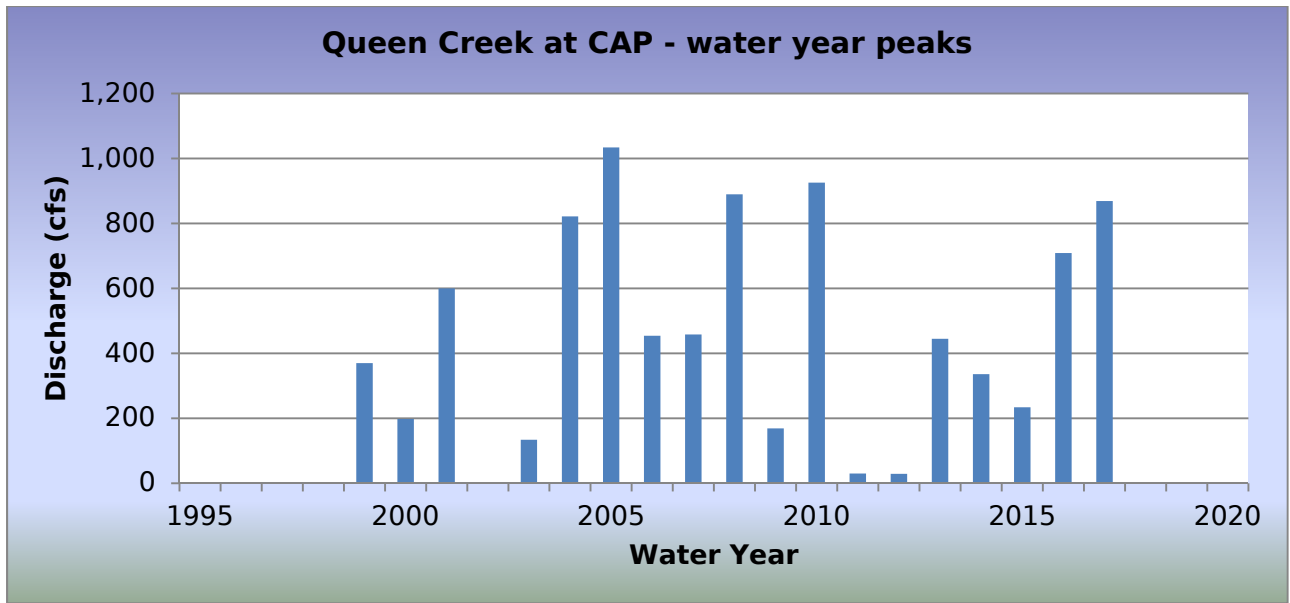
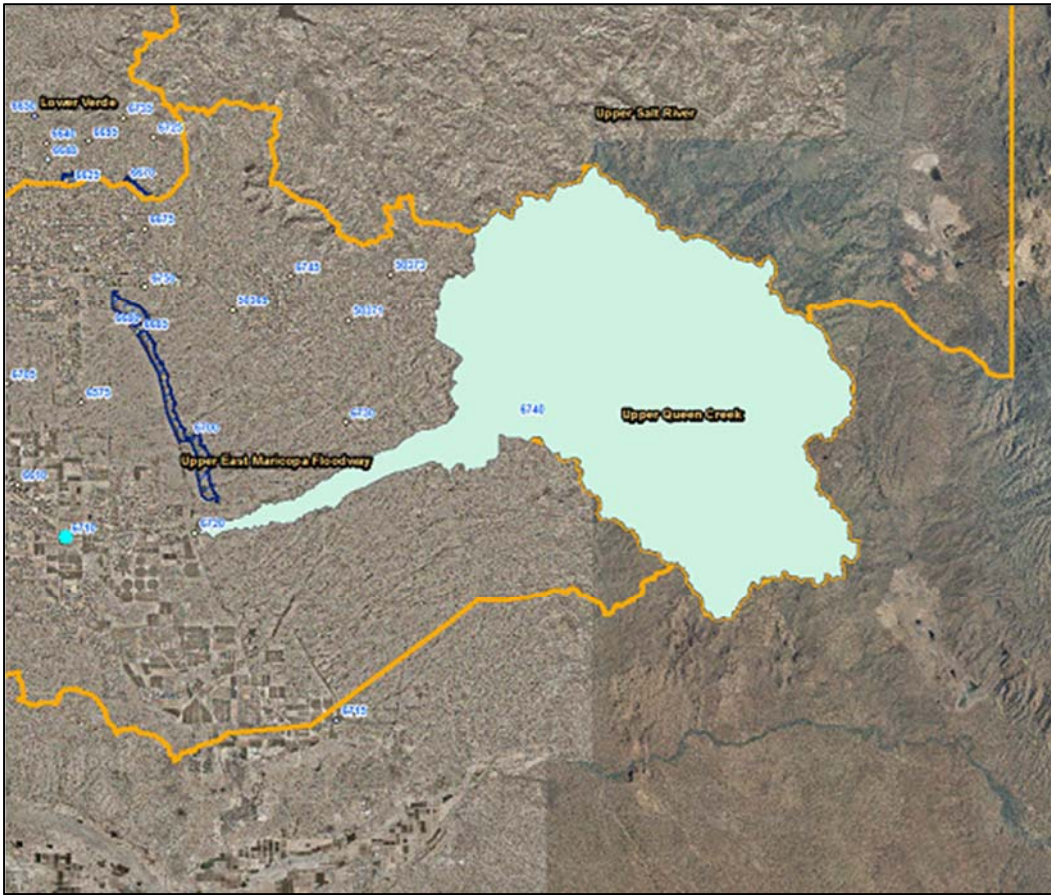
Queen Creek at CAP, ID #6723



Site Data

LOCATION	Located in Pinal County at the CAP crossing and the Sonoqui Dike
DRAINAGE AREA	256 mi ²
STREAM TYPE	Dike across natural stream
JURISDICTION	Pinal County, Arizona
WATERSHED	Upper East Maricopa Floodway
SECTION/TOWNSHIP/RANGE	S26 T2S R8E
LATITUDE	N 33° 13' 55.8" +33.23216
LONGITUDE	W 111° 30' 11.3" -111.50314
STREAMGAGE INSTALLATION DATE	01/14/1999 - WY 1999
AVAILABLE PERIOD OF RECORD (POR)	01/14/1999 - Current
LENGTH OF AVAILABLE POR DATA	18.71 Years 6,835 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.20 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	0.00 feet Gage Height
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	1,043 cfs 10.15 feet 02/12/2005

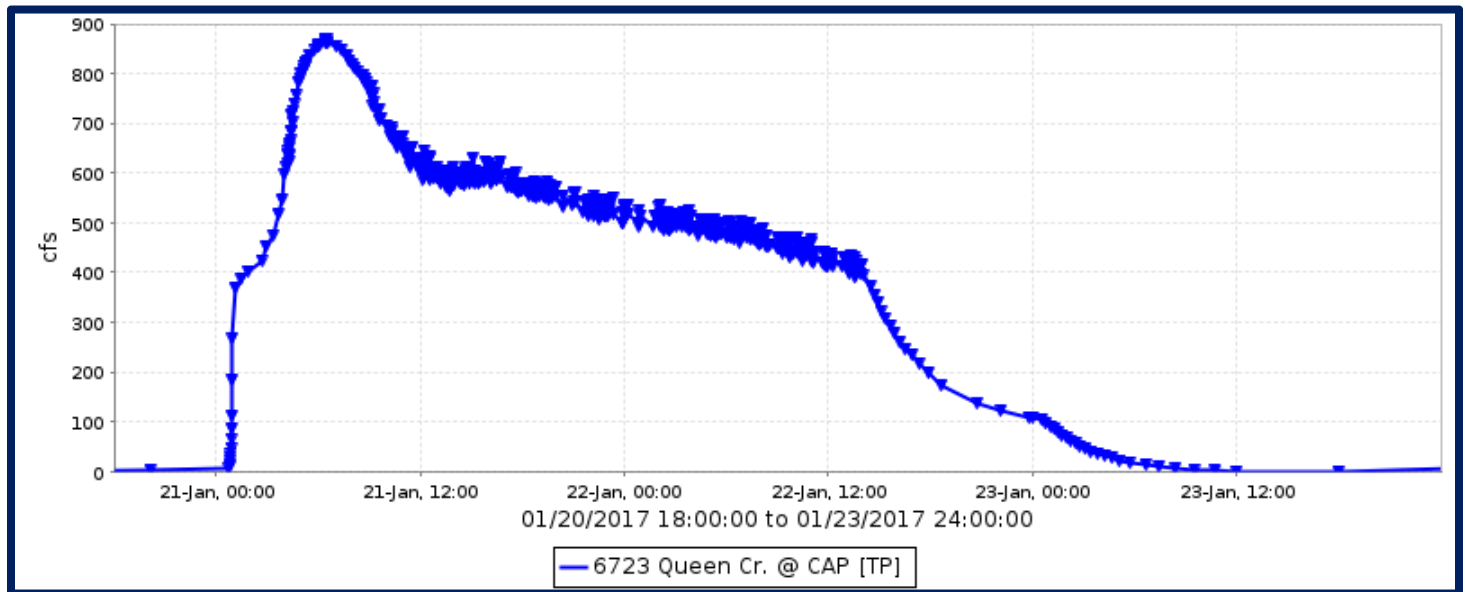
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
12/23/2016	4.14	364
12/26/2016	2.00	76
01/21/2017	7.98	869
01/24/2017	7.26	824
07/22/2017	3.44	257
07/24/2017	4.36	402

Hydrograph of peak WY 2017 flow event, 01/21/2017



Flood Flow Frequency

There is not enough data to compute a flood flow frequency for this gage station.

Queen Creek at CAP, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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	1											
14												
15												
16												
17												
18												
19												
20				1								
21				592								
22			6	362						102		
23			127	17								
24				615						174		
25			61	513						155		
26			61	180								
27			2									
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	1	0	257	2280	0	0	0	0	0	431	0	0
MEAN	0	0	8	74	0	0	0	0	0	14	0	0
MAX	4	0	364	869	0	0	0	0	0	405	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	1	0	510	4522	0	0	0	0	0	856	0	0
WTR YR 2017	TOTAL	2969	MEAN	8	MAX	869	MIN	0	AC_FT	5889		

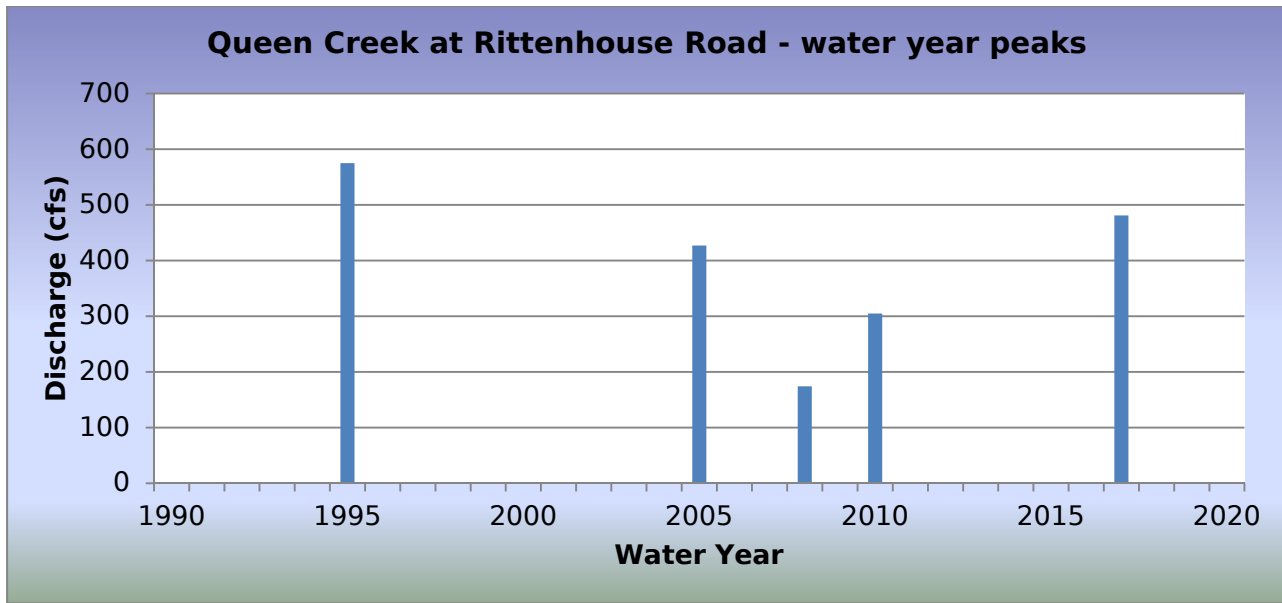
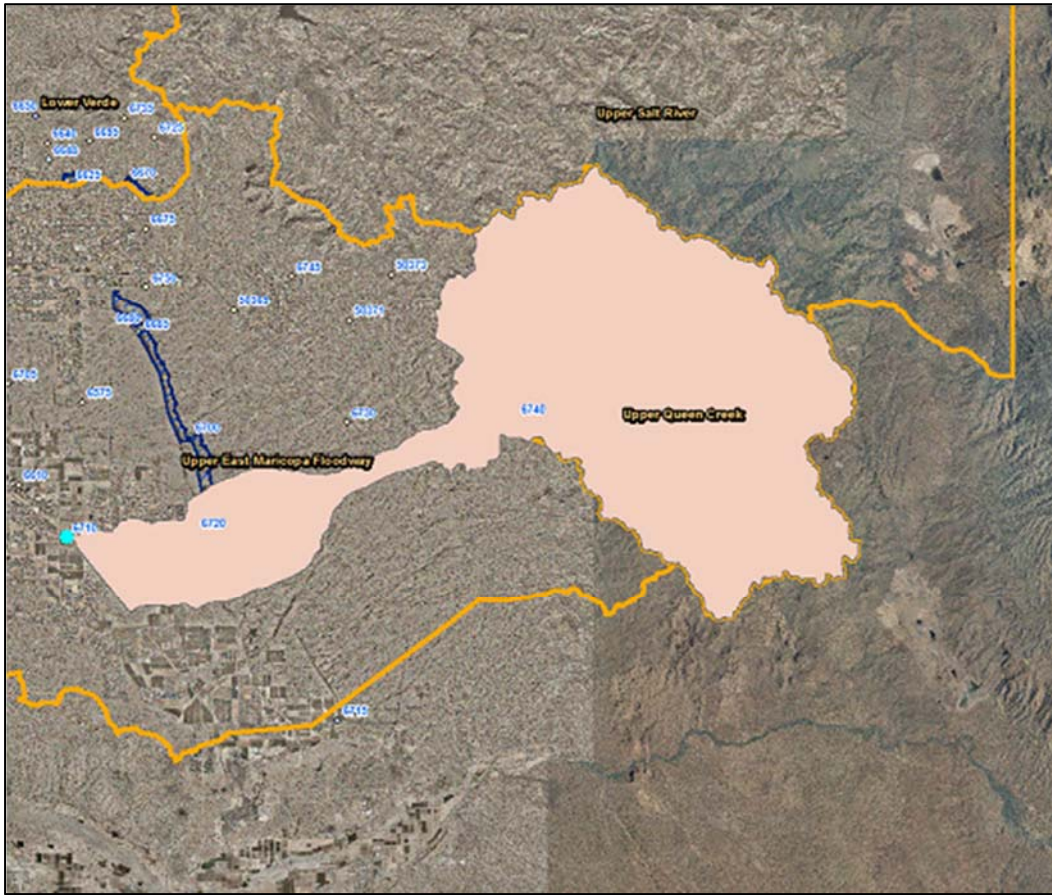
Queen Creek at Rittenhouse Road, ID #6707



Site Data

LOCATION	At the Queen Creek crossing of Rittenhouse Road
DRAINAGE AREA	236 mi ²
STREAM TYPE	Natural Stream
JURISDICTION	Queen Creek, Arizona
WATERSHED	Upper East Maricopa Floodway
SECTION/TOWNSHIP/RANGE	S25 T2S R7E
LATITUDE	N 33° 13' 48.9" +33.23025
LONGITUDE	W 111° 35' 39.4" -111.59428
STREAMGAGE INSTALLATION DATE	09/14/1993 - WY 1993
AVAILABLE PERIOD OF RECORD (POR)	09/14/1993 - Current
LENGTH OF AVAILABLE POR DATA	24.05 Years 8,783 Days
DATA GAPS IN POR	05/28/2014 - 06/29/2014
STAGE GAGE ELEVATION	2.10 feet Gage Height
STAFF GAGES	1
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,438.06 feet M.S.L.
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	575 cfs 2.25 feet 01/06/1995

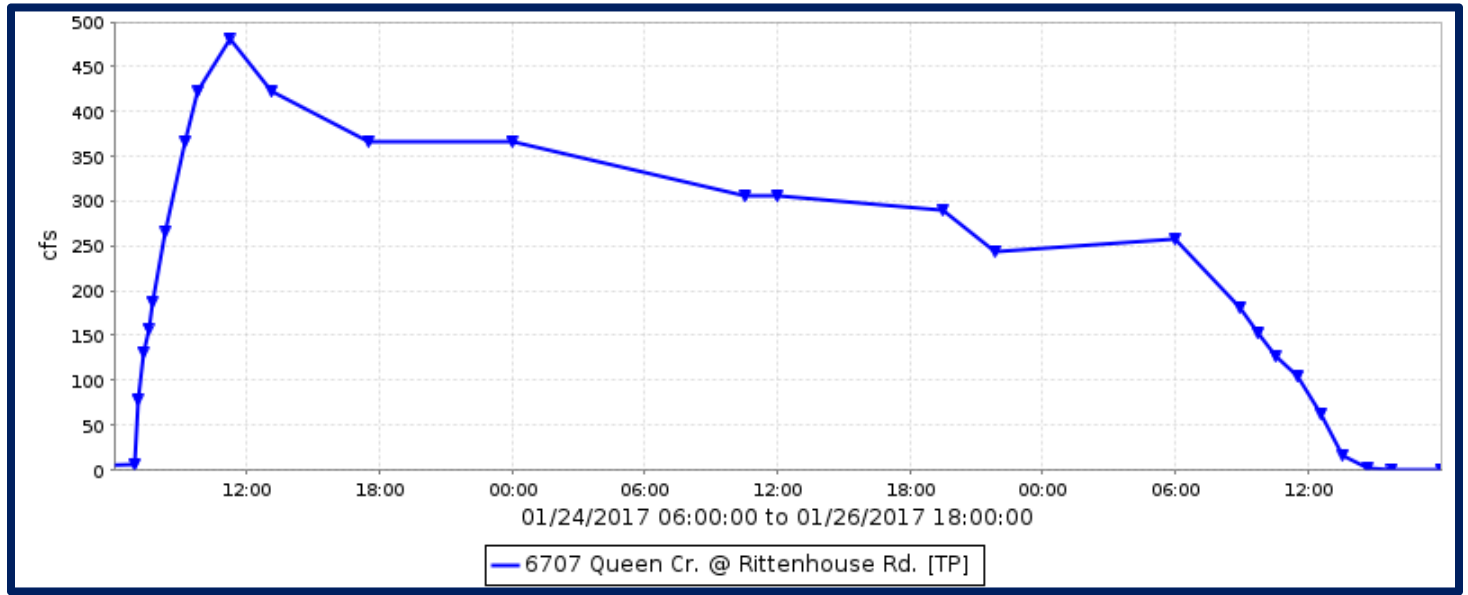
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
01/21/2017	3.30	366
01/24/2017	3.50	481

Hydrograph of peak WY 2017 flow event



Flood Flow Frequency

There is not enough data to compute a flood flow frequency for this gage station.

Queen Creek at Rittenhouse Road, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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				55								
22				244								
23				4								
24				266								
25				325								
26				117								
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	1	0	0	1012	1	1	1	1	1	1	1	1
MEAN	0	0	0	33	0	0	0	0	0	0	0	0
MAX	0	0	0	481	0	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	1	1	1	2007	2	1	1	2	2	2	2	1
WTR YR 2017	TOTAL	1019	MEAN	3	MAX	481	MIN	0	AC_FT	2022		

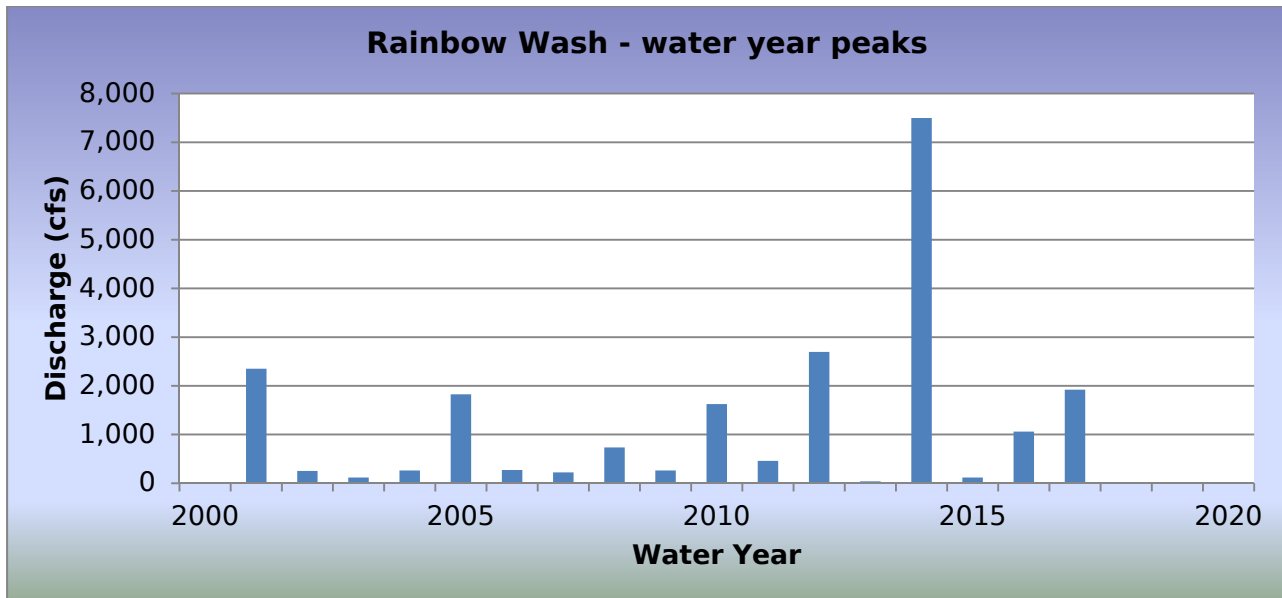
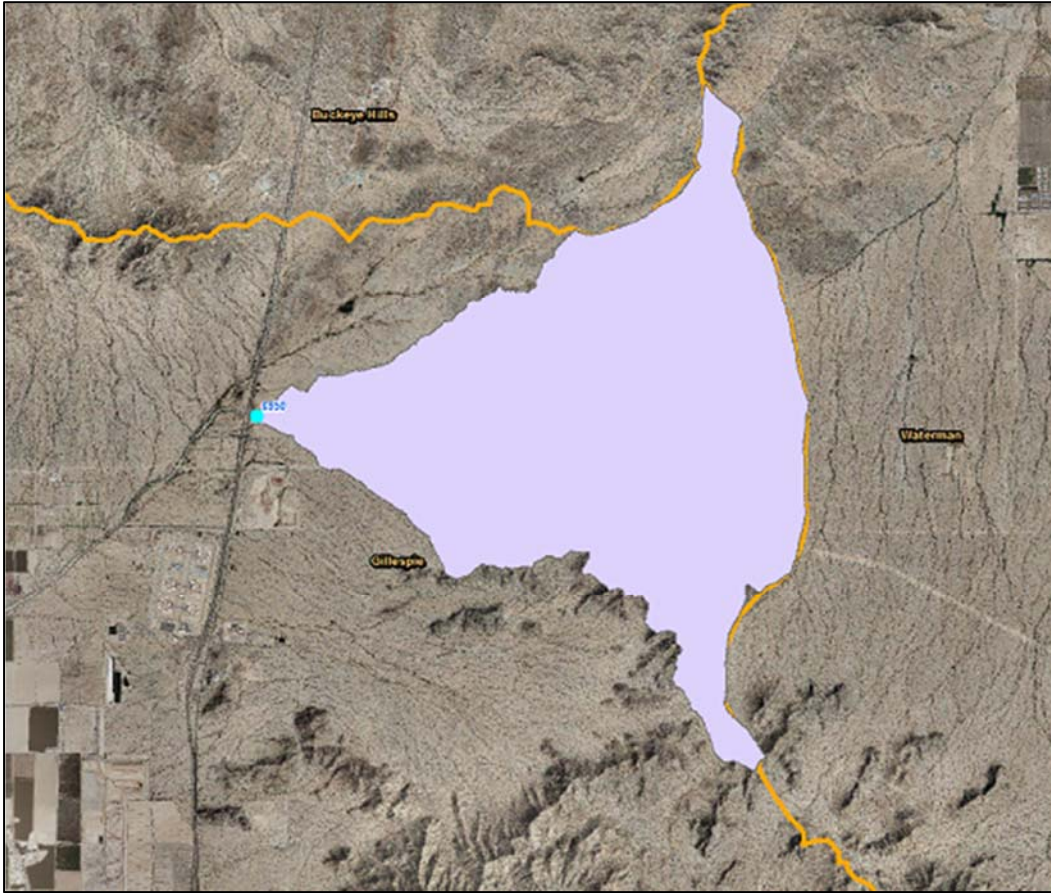
Rainbow Wash, ID #6953



Site Data

LOCATION	Located on SR85 about 10 miles south of Buckeye
DRAINAGE AREA	17.6 mi ²
STREAM TYPE	Natural Stream
JURISDICTION	Maricopa County, Arizona
WATERSHED	Gillespie
SECTION/TOWNSHIP/RANGE	S23 T2S R4W
LATITUDE	N 33° 14' 08.0" +33.23556
LONGITUDE	W 112° 38' 21.0" -112.63917
STREAMGAGE INSTALLATION DATE	11/06/2000 - WY 2001
AVAILABLE PERIOD OF RECORD (POR)	11/06/2000 - Current
LENGTH OF AVAILABLE POR DATA	16.90 Years 6,173 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.07 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	900.06 feet NAVD 1988
POINT OF ZERO FLOW	0.1 feet Gage Height
EXTREME FOR PERIOD OF RECORD	7,500 cfs 8.20 feet 09/08/2014

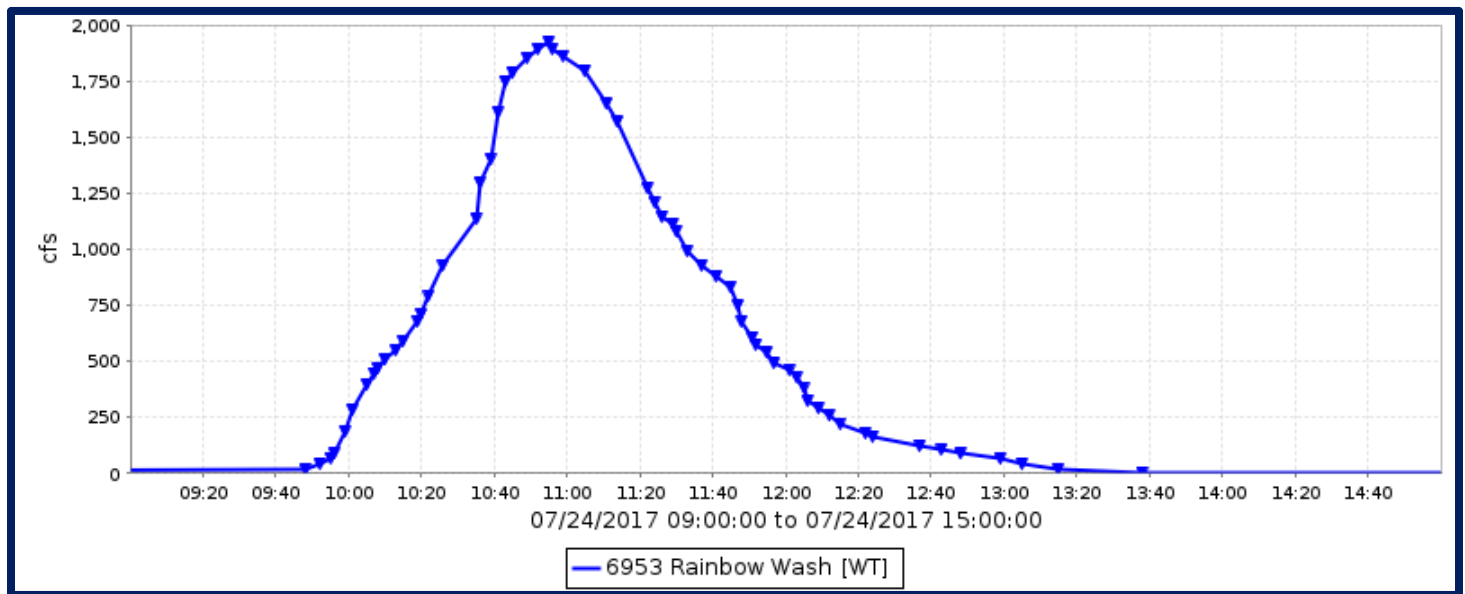
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
07/24/2017	4.23	1,921
07/29/2017	0.94	77
08/07/2017	1.32	163
08/08/2017	2.94	897
08/09/2017	1.07	100

Hydrograph of peak WY 2017 flow event, 07/24/2017



Flood Flow Frequency

Flood Flow Frequency N=17, HEC-WRC computation (based on 17 years of data)					
2-year	5-year	10-year	20-year	50-year	100-year
570	1,820	3,310	5,400	9,340	13,400

NOTE: These results are based on very limited data.

Rainbow Wash, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7											11	
8											50	
9											5	
10											3	
11											4	
12											4	
13											4	
14											3	
15											4	
16											4	
17											4	
18											4	
19											3	
20											4	
21											3	
22											3	
23											3	
24										103	3	
25											3	
26											3	
27											2	
28											2	
29					---						4	
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	0	0	0	0	0	0	107	128	0
MEAN	0	0	0	0	0	0	0	0	0	3	4	0
MAX	0	0	0	0	0	0	0	0	0	1921	897	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	211	254	0
WTR YR 2017	TOTAL	235	MEAN	1	MAX	1921	MIN	0	AC_FT	465		

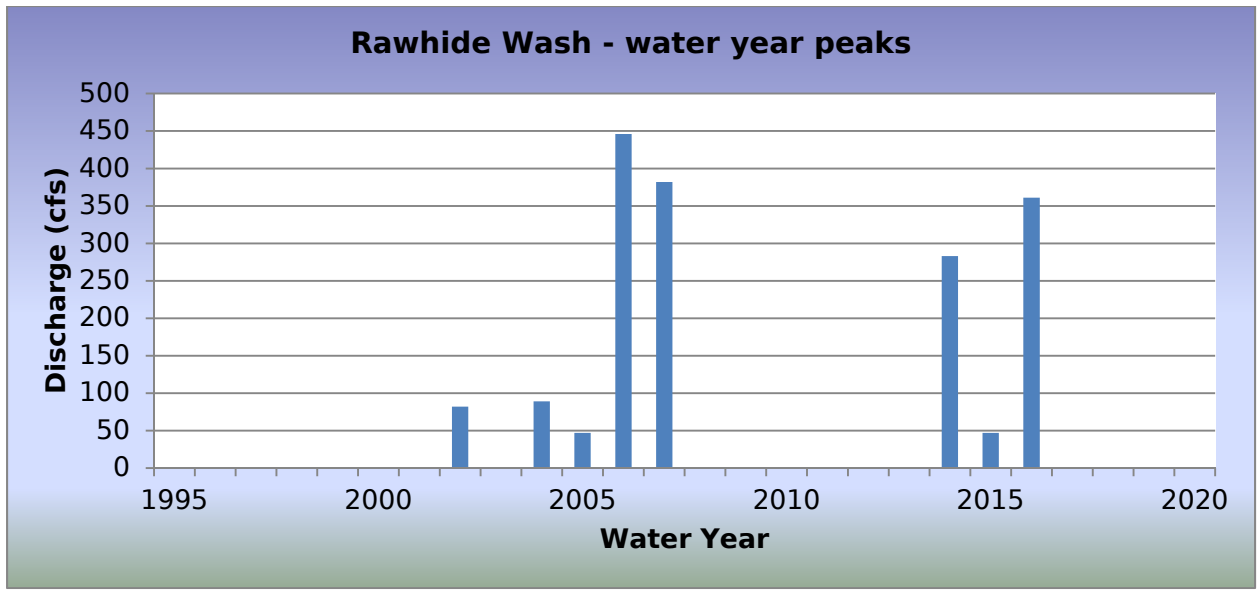
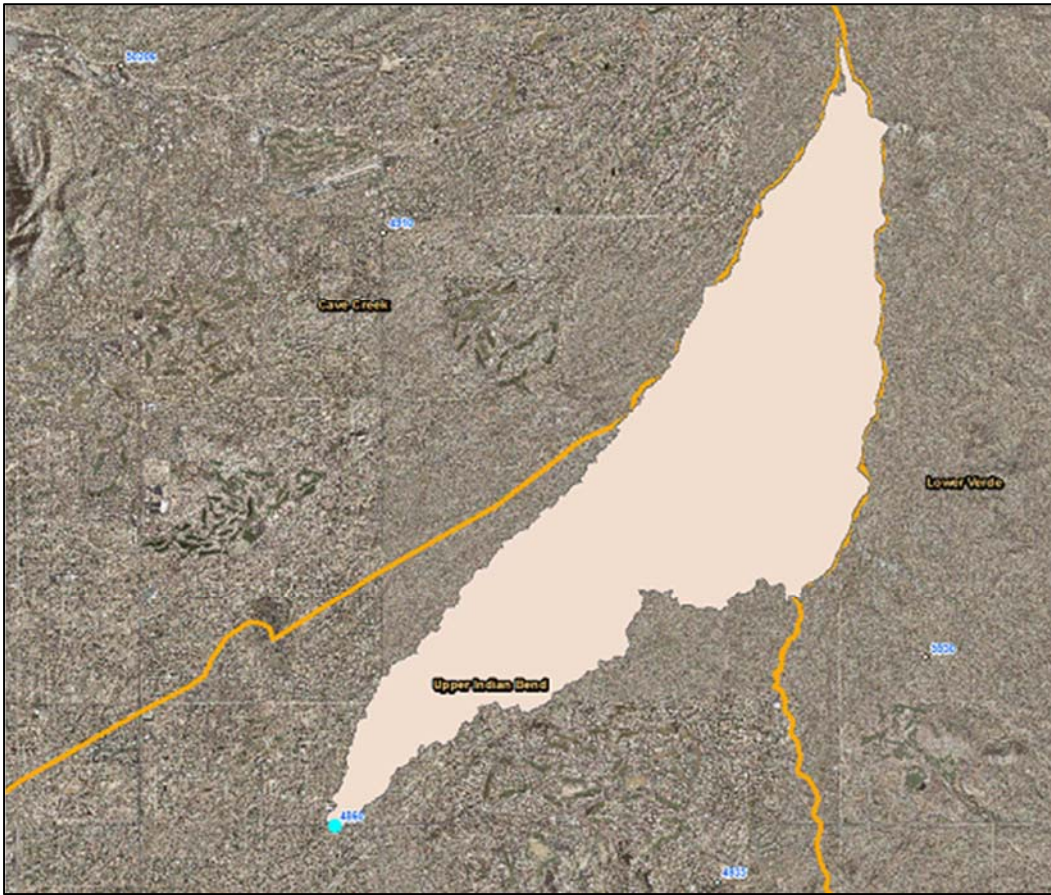
Rawhide Wash, ID #4863



Site Data

LOCATION	On Dynamite Boulevard about 1/4 mile west of Pima Road
DRAINAGE AREA	9.2 mi ²
STREAM TYPE	Natural stream
JURISDICTION	Scottsdale, Arizona
WATERSHED	Upper Indian Bend
SECTION/TOWNSHIP/RANGE	S36 T5N R4E
LATITUDE	N 33° 44' 28.1" +33.74115
LONGITUDE	W 111° 53' 53.3" -111.89814
STREAMGAGE INSTALLATION DATE	07/27/1999 - WY 1999
AVAILABLE PERIOD OF RECORD (POR)	07/27/1999 - Current
LENGTH OF AVAILABLE POR DATA	18.18 Years 6,641 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.52 feet Gage Height
STAFF GAGES	1
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	0.00 feet Gage Height
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	446 cfs 2.07 feet 09/09/2006

Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
None		

Hydrograph of peak WY 2017 flow event

There were no runoff events recorded at this gage in Water Year 2017.

Flood Flow Frequency

There is not enough data to compute a flood flow frequency for this gage station.

Rawhide Wash, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values														
	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		---			---		---		---			---			
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 2017	TOTAL		0	MEAN		0	MAX		0	MIN		0	AC_FT		0

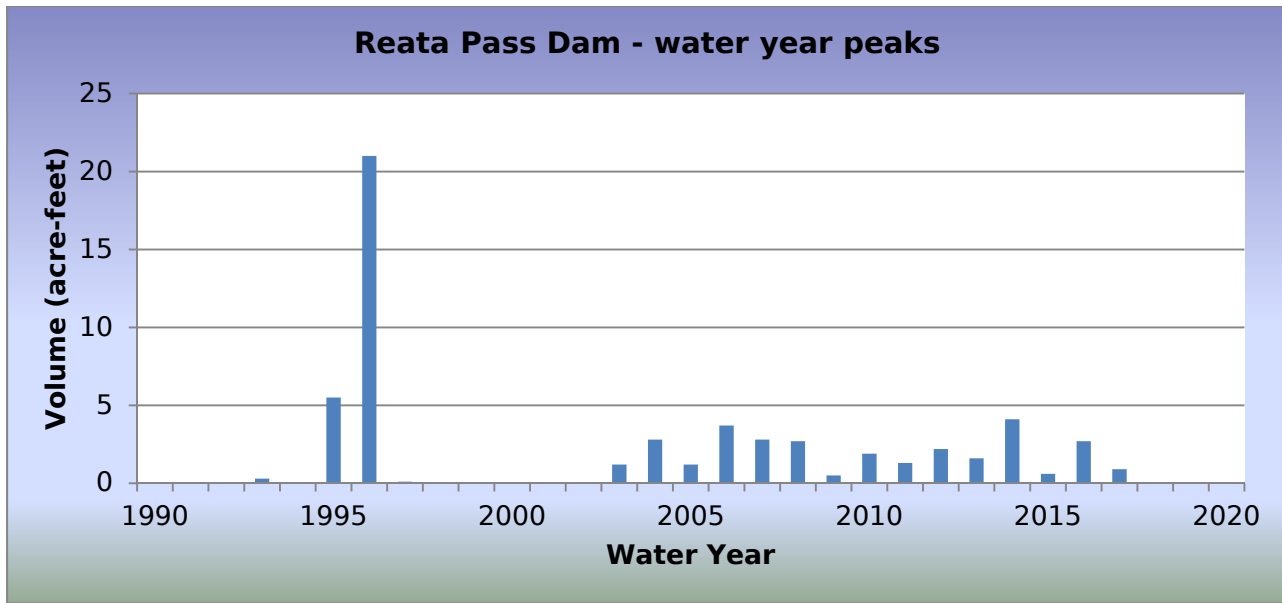
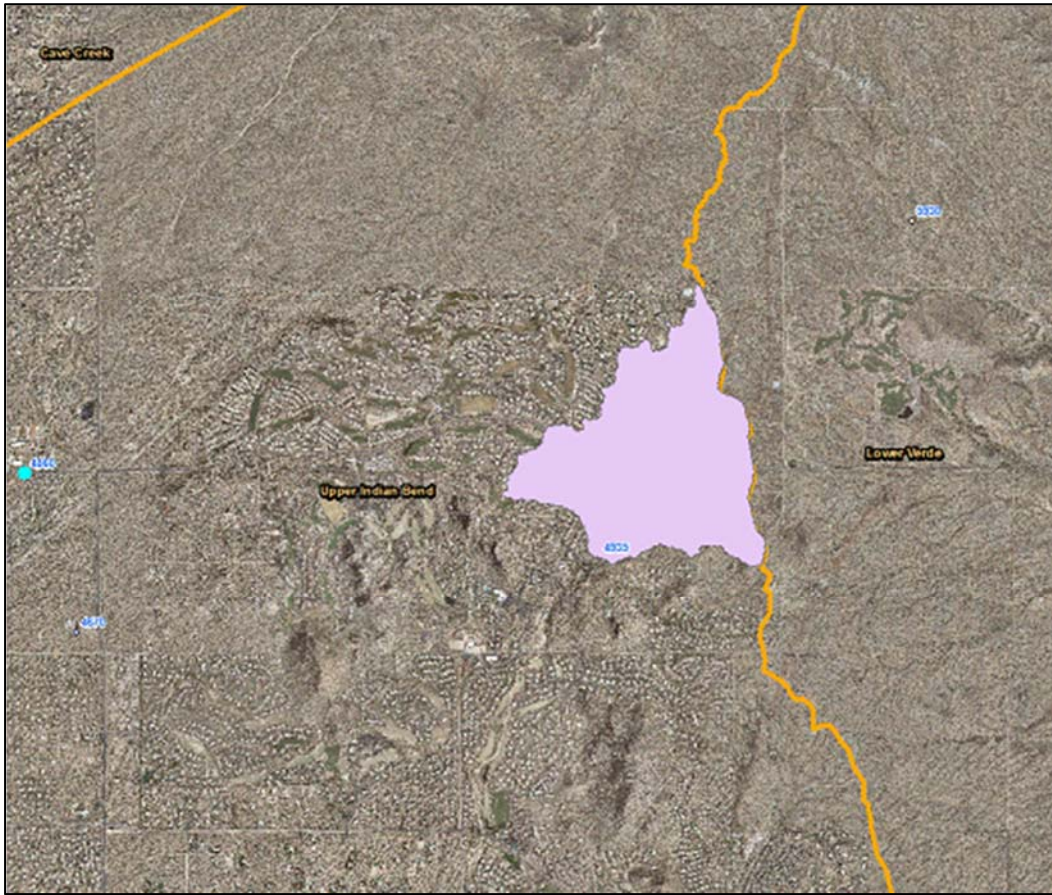
Reata Pass Dam, ID #4938



Site Data

LOCATION	Located south of Dynamite Boulevard and east of Alma School Parkway
DRAINAGE AREA	1.0 mi ²
JURISDICTION	Scottsdale, Arizona
WATERSHED	Upper Indian Bend
SECTION/TOWNSHIP/RANGE	S33 T5N R5E
LATITUDE	N 33° 44' 04.1" +33.73446
LONGITUDE	W 111° 50' 37.0" -111.84362
STREAMGAGE INSTALLATION DATE	10/02/2001 - WY 2002
AVAILABLE PERIOD OF RECORD (POR)	10/02/2001 - Current
LENGTH OF AVAILABLE POR DATA	16.00 Years 5,843 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.15 feet Gage Height
STAFF GAGES	0
ZERO GAGE HEIGHT ELEVATION	2,590.15 feet NAVD 1988
POINT OF ZERO FLOW	0.00 feet Gage Height
SPILLWAY CREST ELEVATION	16.85 feet Gage Height
TOP OF DAM ELEVATION	19.45 feet Gage Height

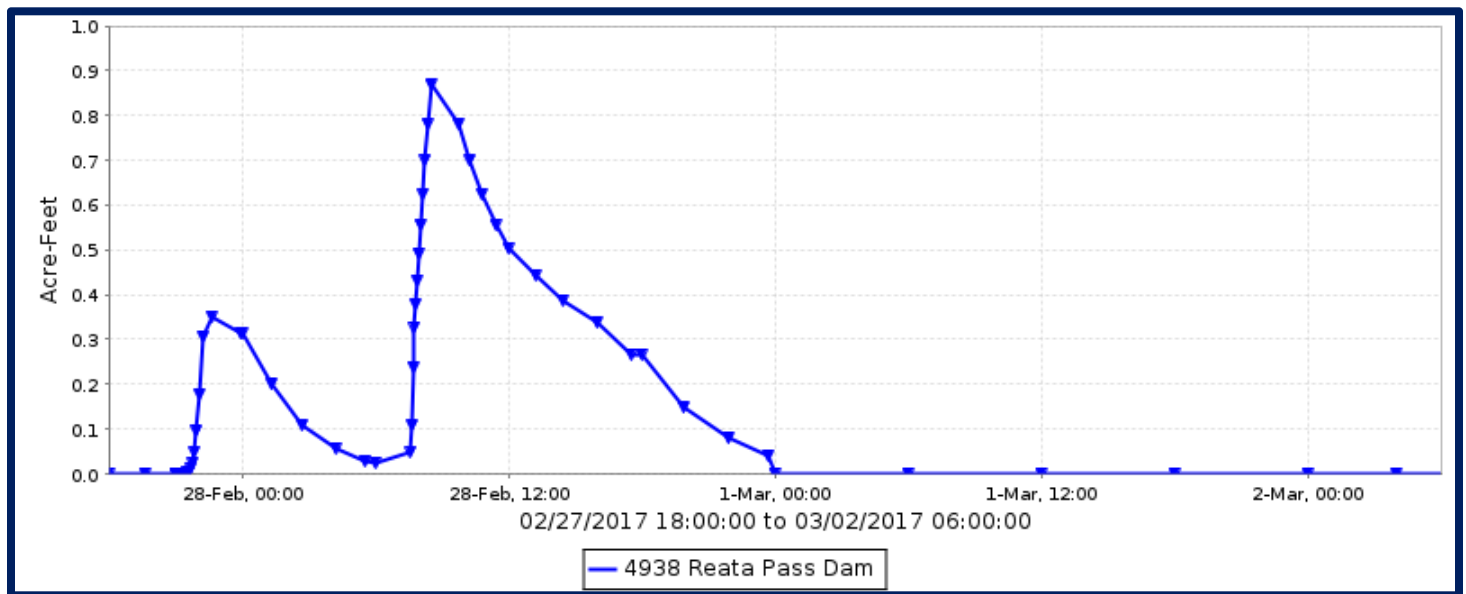
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
12/22/2016	2.11	0.4	0.9
12/24/2016	2.26	0.4	1.0
12/31/2016	2.06	0.3	0.9
01/01/2017	2.53	0.6	1.4
01/20/2017	2.66	0.7	1.6
01/23/2017	2.01	0.3	0.9
02/19/2017	1.93	0.2	0.8
02/28/2017	2.86	0.9	1.9
07/24/2017	1.15	0.0	0.0

Hydrograph of peak WY 2017 impoundment event, 02/28/2017



Reata Pass Dam, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				15		2						
2				4								
3												
4				1								
5				1								
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18					1							
19					5							
20				5								
21				12								
22			3									
23				3								
24			5	6								
25			2									
26												
27					1							
28					17							
29					---							
30					---							
31		---	6		---		---		---			---
TOTAL	0	0	15	48	25	2	0	0	0	0	0	0
MEAN	0	0	0	2	1	0	0	0	0	0	0	0
MAX	0	0	20	39	53	2	0	0	0	1	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	29	96	49	4	0	0	0	0	0	0
WTR YR 2017	TOTAL	90	MEAN	0	MAX	53	MIN	0	AC_FT	178		

Reata Pass Dam, volume data

Volume, in acre-feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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	0	0	0	1	1	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2017	MEAN		0	MAX	1	MIN	0					

Reata Pass Dam, stage data

Depth, in feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.1	0.1	0.1	2.0	0.1	1.1	0.1	0.1	0.1	0.1	0.1	0.1
2	0.1	0.1	0.1	1.4	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1
3	0.1	0.1	0.1	0.6	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
4	0.1	0.1	0.1	0.8	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
5	0.1	0.1	0.1	0.7	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	0.2	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	0.4	0.1	0.1	0.1	0.1	0.1	0.1	0.1
19	0.1	0.1	0.1	0.1	1.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1
20	0.1	0.1	0.1	0.6	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1
21	0.1	0.1	0.1	1.9	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
22	0.1	0.1	1.0	0.8	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
23	0.1	0.1	0.1	1.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
24	0.1	0.1	0.8	1.6	0.1	0.1	0.1	0.1	0.1	0.5	0.1	0.1
25	0.1	0.1	1.1	0.7	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	0.4	0.1	0.1	0.1	0.1	0.1	0.1	0.1
28	0.1	0.1	0.1	0.1	2.1	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	0.2	0.1	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1
31	0.1	---	1.6	0.1	---	0.1	---	0.1	---	0.1	0.1	---
MEAN	0.1	0.1	0.3	0.5	0.3	0.2	0.2	0.1	0.1	0.2	0.1	0.1
MAX	0.1	0.1	2.3	2.7	2.9	1.3	0.2	0.1	0.1	1.1	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 2017	MEAN	0.20	MAX	2.86	MIN	0.15						

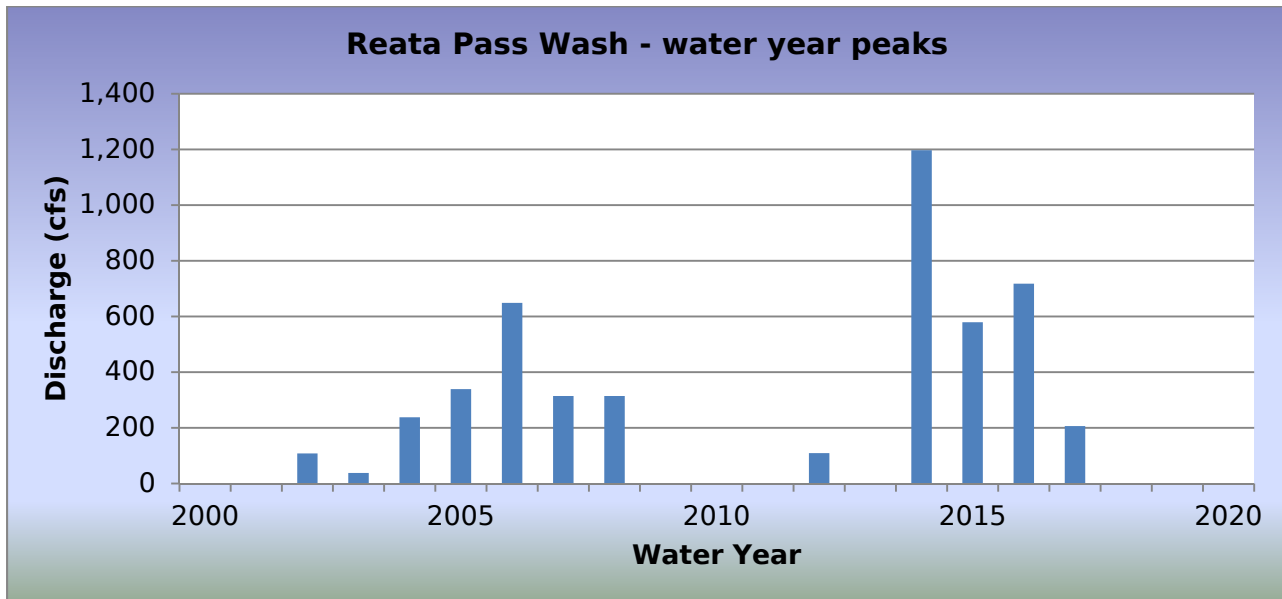
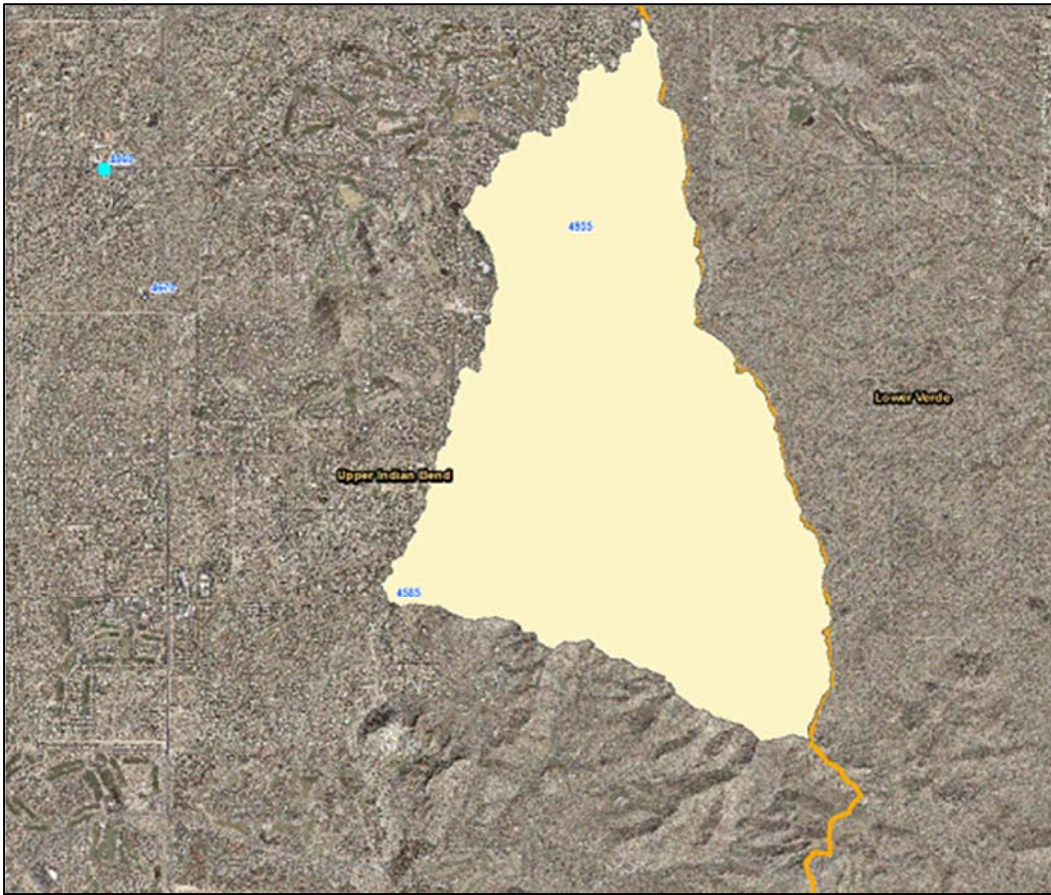
Reata Pass Wash – ID #4588



Site Data

LOCATION	Located on Pinnacle Peak Road about 1.6 miles east of Pima Road
DRAINAGE AREA	7.9 mi ²
STREAM TYPE	Natural stream
JURISDICTION	Scottsdale, Arizona
WATERSHED	Upper Indian Bend
SECTION/TOWNSHIP/RANGE	S17 T4N R5E
LATITUDE	N 33° 41' 52.9" +33.69804
LONGITUDE	W 111° 51' 50.6" -111.86408
STREAMGAGE INSTALLATION DATE	05/15/2001 - WY 2001
AVAILABLE PERIOD OF RECORD (POR)	05/15/2001 - Current
LENGTH OF AVAILABLE POR DATA	16.38 Years 5,983 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.30 feet Gage Height
ZERO GAGE HEIGHT ELEVATION	2,172.92 feet NAVD 1988
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	1,197 cfs 2.08 feet 09/08/2014
EXTREME OUTSIDE PERIOD OF RECORD	1,780 cfs 08/29/1996

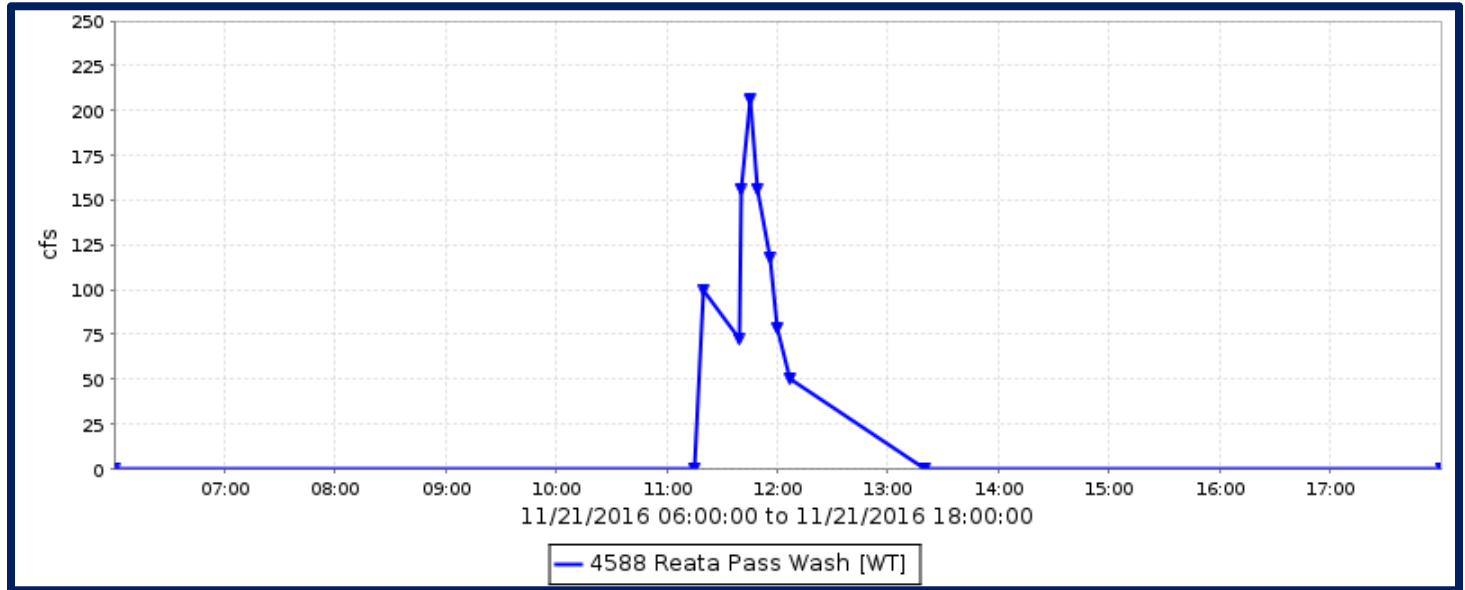
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
11/21/2016	0.92	206
01/01/2017	0.57	78
02/28/2017	0.65	100
07/24/2017	0.60	86

Hydrograph of peak WY 2017 flow event, 11/21/2016



Flood Flow Frequency

Flood Flow Frequency N=17, HEC-WRC computation (based on 17 years of data)					
2-year	5-year	10-year	20-year	50-year	100-year
86	556	1,330	2,570	5,120	7,840

Reata Pass Wash, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				7								
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19										---		
20												
21		6										
22			---									
23												
24										3		
25												
26												
27												
28					4							
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	6	0	7	4	0	0	0	0	2	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	206	0	78	100	0	0	0	0	86	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	13	0	14	8	0	0	0	0	4	0	0
WTR YR 2017	TOTAL	19	MEAN	0	MAX	206	MIN	0	AC_FT	38		

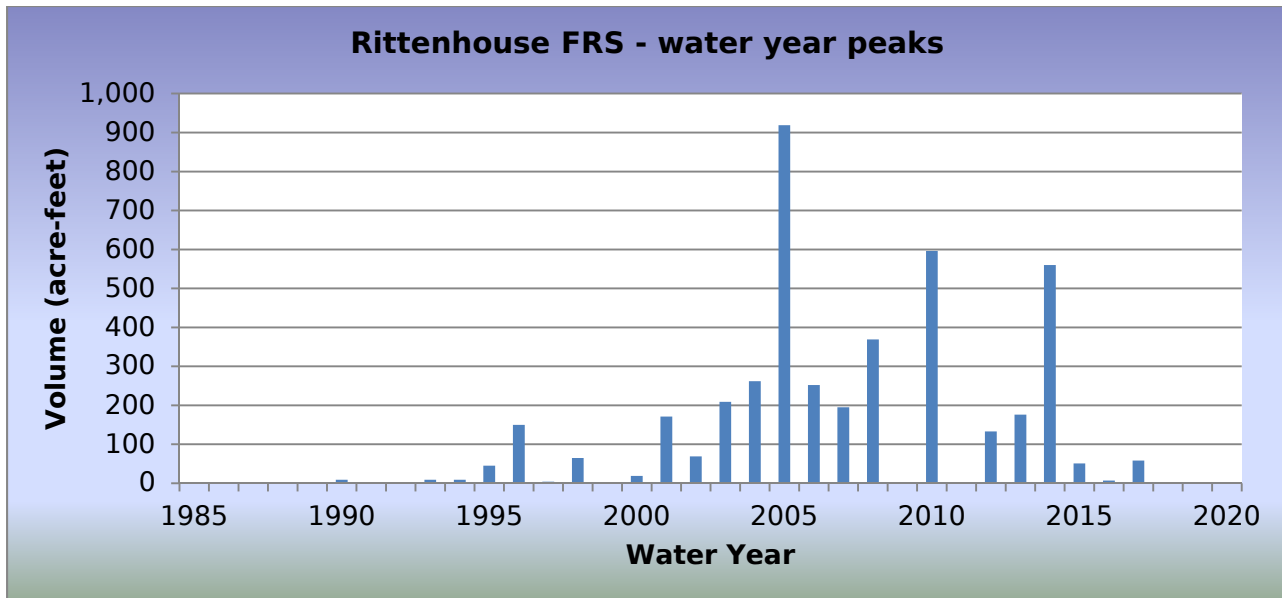
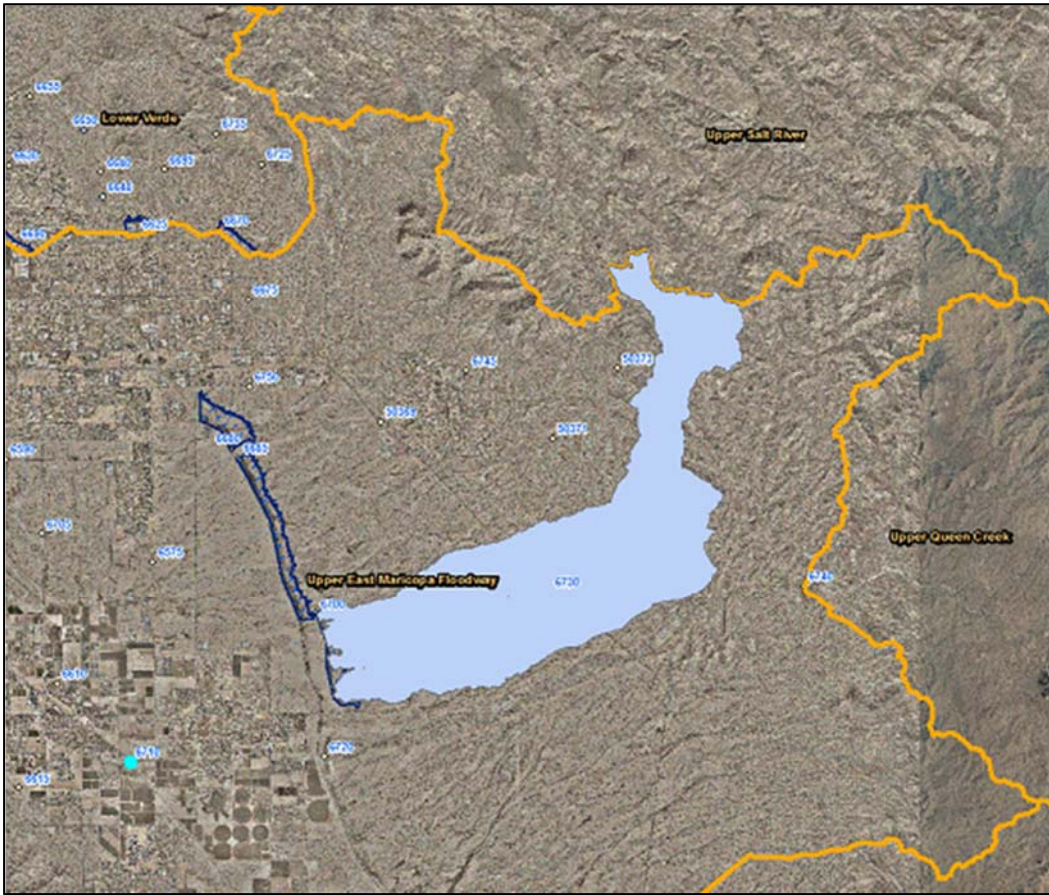
Rittenhouse FRS, ID #6703



Site Data

LOCATION	East of town of Queen Creek in Pinal County
DRAINAGE AREA	47.1 mi ²
STREAM TYPE	Dam of natural drainage
JURISDICTION	Pinal County
WATERSHED	Upper East Maricopa Floodway
SECTION/TOWNSHIP/RANGE	S02 T2S R8E
LATITUDE	N 33° 17' 20.3" +33.28896
LONGITUDE	W 111° 30' 23.7" -111.50659
STREAMGAGE INSTALLATION DATE	09/27/1988 - WY 1988
AVAILABLE PERIOD OF RECORD (POR)	09/27/1988 - Current
LENGTH OF AVAILABLE POR DATA	29.01 Years 10,596 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.25 feet Gage Height
STAFF GAGES	4
ZERO GAGE HEIGHT ELEVATION	1,579.00 feet NAVD 1988
POINT OF ZERO FLOW	0.00 feet Gage Height
SPILLWAY ELEVATION	19.4 feet Gage Height
TOP OF DAM ELEVATION	24.4 feet Gage Height

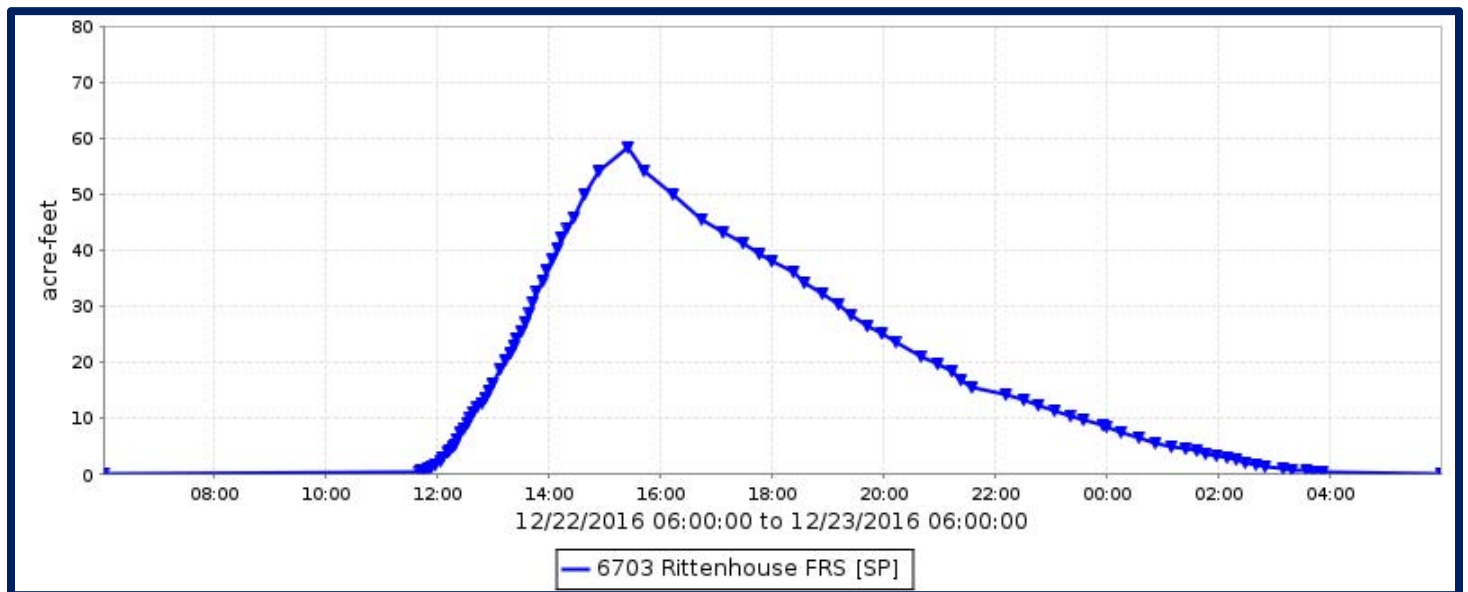
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
11/04/2016	2.75	11.8	0.3
12/22/2016	5.29	58.2	1.5
12/25/2016	2.60	10.4	0.3
01/01/2017	2.70	11.3	0.3
01/24/2017	2.37	8.3	0.2
07/24/2017	5.26	56.9	1.5
07/30/2017	2.97	13.7	0.4
08/01/2017	1.92	4.7	0.1
08/13/2017	1.62	3.5	0.1
09/09/2017	1.12	1.5	<0.1

Hydrograph of peak WY 2017 impoundment event, 12/22/2016



Rittenhouse FRS, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				10								3
2												2
3		1										
4		8										
5												
6												
7												
8												
9												1
10											---	
11												
12												
13											2	
14												
15		1										
16		1										
17												
18												
19												
20												
21				---								
22			26	---								
23			3	1								
24			1	16						33		
25			20	2						4		
26			2									
27												
28										1		
29										3		
30										7		
31		---					---		---			---
TOTAL	0	12	52	28	0	0	0	0	0	48	7	1
MEAN	0	0	2	1	0	0	0	0	0	2	0	0
MAX	0	33	71	32	0	0	0	0	0	70	20	7
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	24	102	55	0	0	0	0	0	95	13	2
WTR YR 2017	TOTAL		147	MEAN	0	MAX	71	MIN	0	AC_FT		291

Rittenhouse FRS, volume data

Volume, in acre-feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				3							1	
2												
3												
4		2										
5												
6												
7												
8												
9												
10											---	
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21				---								
22			15	---								
23			1									
24				4						18		
25			6							1		
26												
27												
28												
29						---				1		
30						---				2		
31		---			---		---		---			---
MEAN	0	0	1	0	0	0	0	0	0	1	0	0
MAX	0	12	58	11	0	0	0	0	0	57	5	1
MIN	0	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2017	MEAN		0	MAX	58	MIN	0					

Rittenhouse FRS, stage data

Depth, in feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.2	0.2	0.2	1.0	0.2	0.2	0.2	0.2	0.2	0.2	0.5	0.2
2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.2
3	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
4	0.2	0.9	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	0.4
10	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	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.5	0.2
14	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
15	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
16	0.2	0.3	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
22	0.2	0.2	2.1	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
23	0.2	0.2	0.5	0.4	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2
24	0.2	0.2	0.4	1.7	0.2	0.2	0.2	0.2	0.2	2.6	0.2	0.2
25	0.2	0.2	1.9	0.4	0.2	0.2	0.2	0.2	0.2	0.6	0.2	0.2
26	0.2	0.2	0.4	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	0.3	0.2	0.2
29	0.2	0.2	0.2	0.2	---	0.2	0.2	0.2	0.2	0.5	0.2	0.2
30	0.2	0.2	0.2	0.2	---	0.2	0.2	0.2	0.2	0.8	0.2	0.2
31	0.2	---	0.2	0.2	---	0.2	---	0.2	---	0.2	0.2	---
MEAN	0.2	0.3	0.4	0.3	0.2	0.2	0.2	0.2	0.2	0.4	0.3	0.3
MAX	0.2	2.8	5.3	2.7	0.2	0.2	0.2	0.2	0.2	5.3	1.9	1.1
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 2017	MEAN	0.28	MAX	5.29	MIN	0.25						

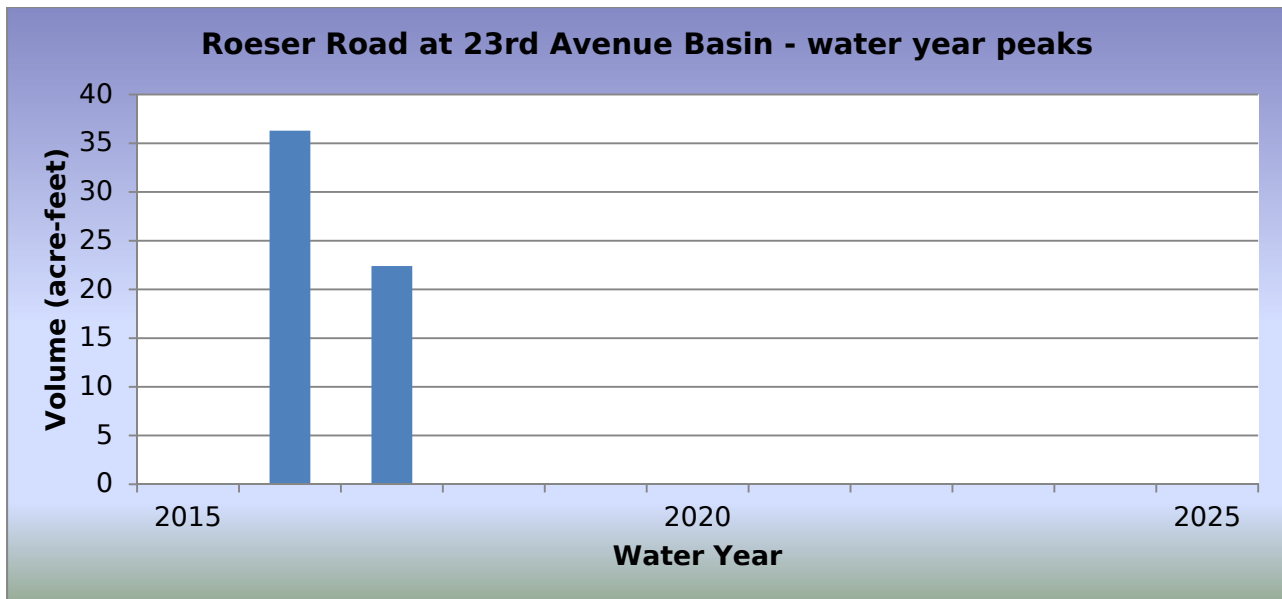
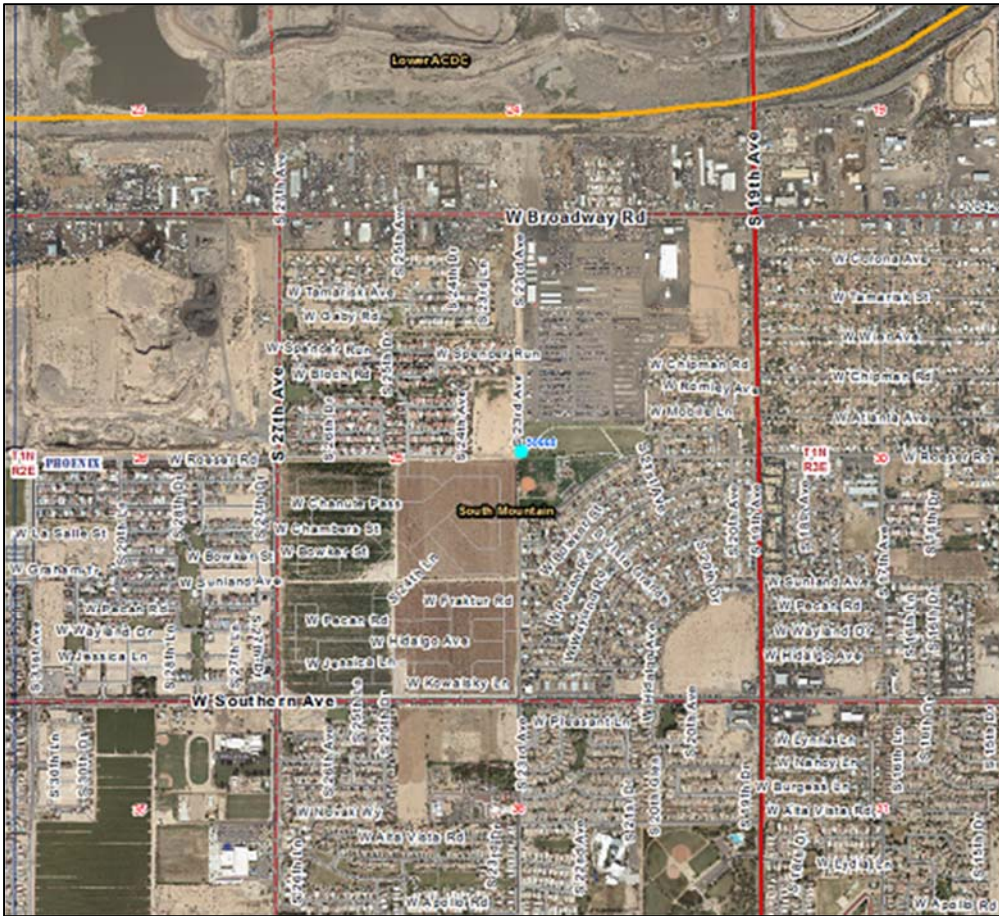
Roeser Road at 23rd Avenue Basin, ID #66807



Site Data

LOCATION	Located on the basin at the northeast corner of Roeser Rd and 23rd Avenue
DRAINAGE AREA	Undetermined
STREAM TYPE	Flood control basin
JURISDICTION	Phoenix, Arizona
WATERSHED	South Mountain
SECTION/TOWNSHIP/RANGE	S25 T1N R2E
LATITUDE	N 33° 23' 58.9" +33.39968
LONGITUDE	W 112° 09' 02.5" -112.15070
STREAMGAGE INSTALLATION DATE	10/01/2015 - WY 2016
AVAILABLE PERIOD OF RECORD (POR)	10/01/2015 - Current
LENGTH OF AVAILABLE POR DATA	2.00 Years 731 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.20 feet Gage Height
STAFF GAGES	0
ZERO GAGE HEIGHT ELEVATION	0.00 feet Gage Height
POINT OF ZERO FLOW	0.00 feet Gage Height
SPILLWAY CREST ELEVATION	No spillway
TOP OF BASIN ELEVATION	10.5 feet Gage Height

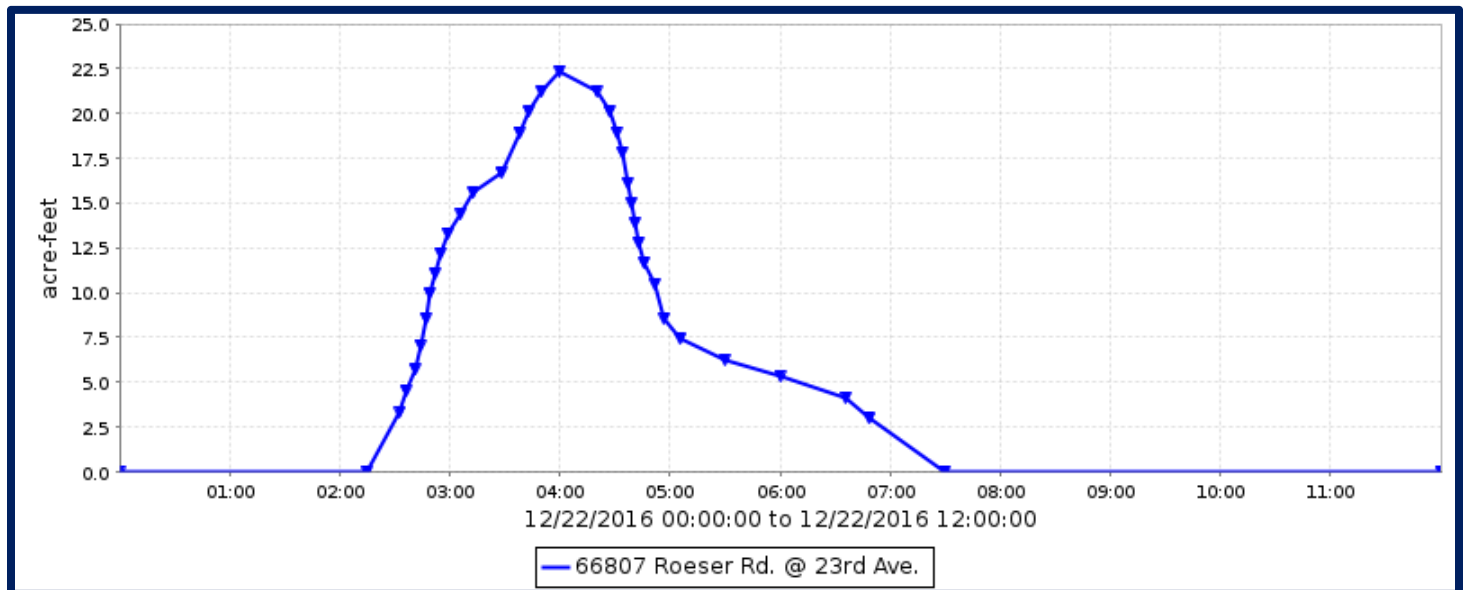
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
10/02/2016	1.64	18.6	13.6
11/03/2016	1.52	17.2	12.7
11/27/2016	1.32	15.0	11.0
12/22/2016	1.97	22.4	16.4
12/24/2016	1.25	14.2	10.4
12/30/2016	1.25	14.2	10.4
01/01/2017	1.42	16.1	11.8
01/20/2017	1.55	17.6	12.9
02/18/2017	1.47	16.7	12.3
02/27/2017	1.07	12.2	9.0
02/28/2017	1.47	16.7	12.3
07/15/2017	0.97	11.1	8.1
07/24/2017	0.92	10.5	7.7
08/13/2017	1.92	21.8	15.9

Hydrograph of peak WY 2017 impoundment event, 12/22/2016



Roeser Road at 23rd Avenue Basin, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values														
	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		---			---		---		---			---			
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 2017	TOTAL		0	MEAN		0	MAX		0	MIN		0	AC_FT		0

Roeser Road at 23rd Avenue Basin, volume data

Volume, in acre-feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				2								
2	2	1										
3		6										
4		3										
5		3										
6		3										
7		3										
8		3		1				1				
9		3										
10		3										
11		3										
12		3										
13		3									2	
14		3										
15		2								1		
16		1										
17												
18					5							
19					4							
20				3								
21		1		1								
22			2									
23												
24			2							2		
25												
26												
27		2			1							
28		1			3							
29					---							
30			1		---							
31		---			---		---		---			---
MEAN	0	2	0	0	0	0	0	0	0	0	0	0
MAX	19	17	22	18	17	6	0	8	0	11	22	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2017	MEAN		0	MAX	22	MIN	0					

Roeser Road at 23rd Avenue Basin, stage data

Depth, in feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.2	0.2	0.2	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
2	0.3	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	0.5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
4	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
5	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
6	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
7	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
8	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
9	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
10	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
11	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
12	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
13	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2
14	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
15	0.2	0.3	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	0.5	0.2	0.2	0.2	0.2	0.2	0.2	0.2
19	0.2	0.2	0.2	0.2	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.2
20	0.2	0.2	0.2	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
21	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
22	0.2	0.2	0.4	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	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.3	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	0.3	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2
28	0.2	0.2	0.2	0.2	0.3	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	0.3	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	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
MAX	1.6	1.5	2.0	1.6	1.5	0.6	0.2	0.7	0.2	1.0	1.9	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 2017	MEAN	0.21	MAX	1.97	MIN	0.20						

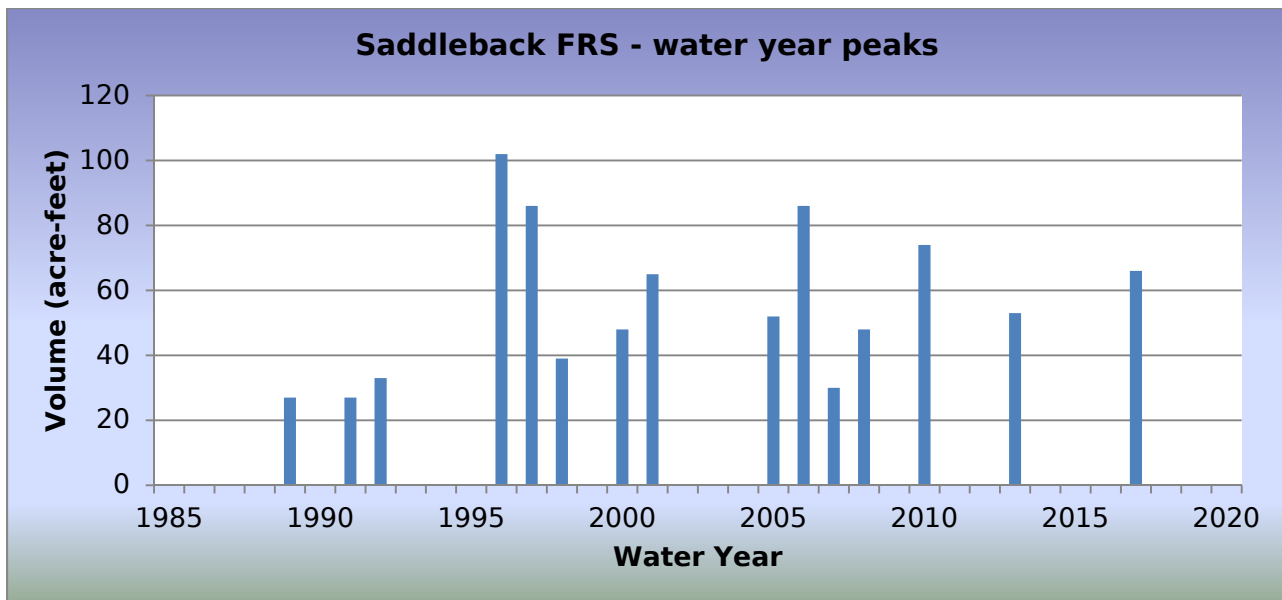
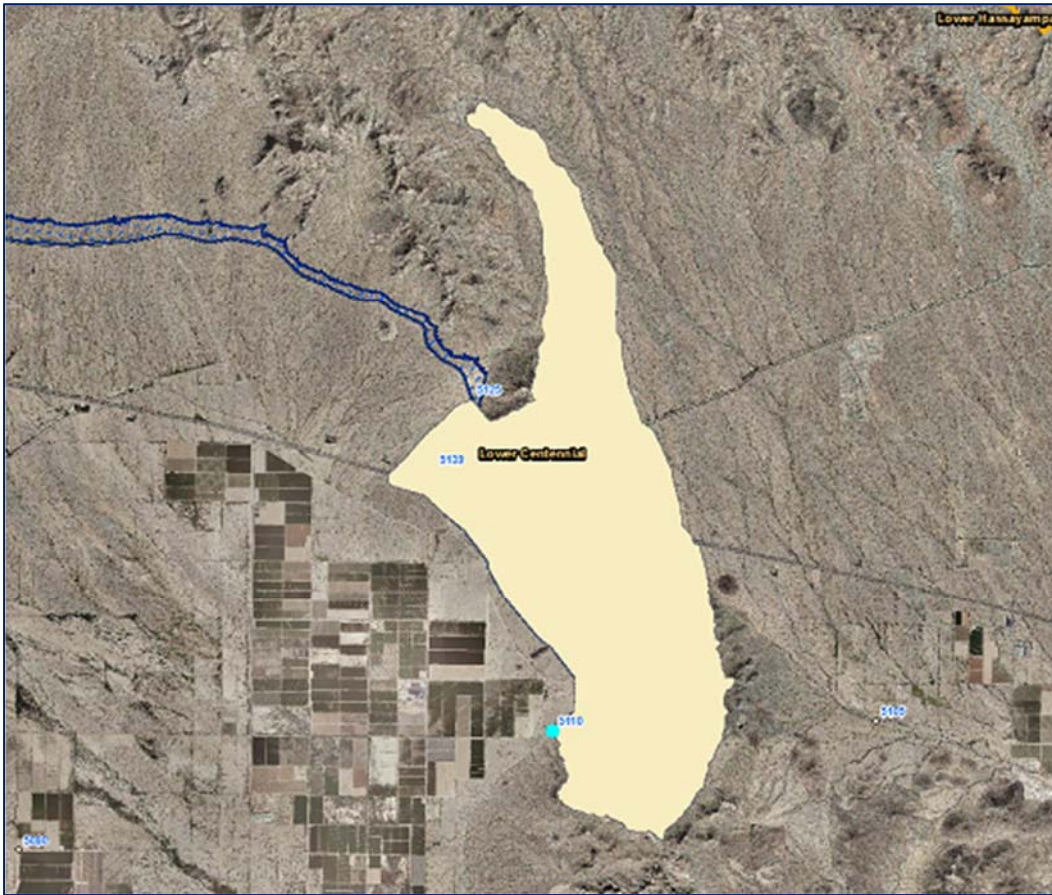
Saddleback FRS, ID #5113



Site Data

LOCATION	Located south of I-10 along Courthouse Road
DRAINAGE AREA	29.6 mi ²
STREAM TYPE	Dam of natural drainage
JURISDICTION	Maricopa County, Arizona
WATERSHED	Lower Centennial
SECTION/TOWNSHIP/RANGE	S34 T2N R8W
LATITUDE	N 33° 27' 59.8" +33.46660
LONGITUDE	W 113° 04' 21.3" -113.07258
STREAMGAGE INSTALLATION DATE	12/16/1988 - WY 1989
AVAILABLE PERIOD OF RECORD (POR)	12/16/1988 - Current
LENGTH OF AVAILABLE POR DATA	28.79 Years 10,516 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.30 feet Gage Height
STAFF GAGES	3
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,178.93 feet NAVD 1988
POINT OF ZERO FLOW	0.00 feet Gage Height
SPILLWAY ELEVATION	No Spillway
TOP OF DAM ELEVATION	16.1 feet Gage Height

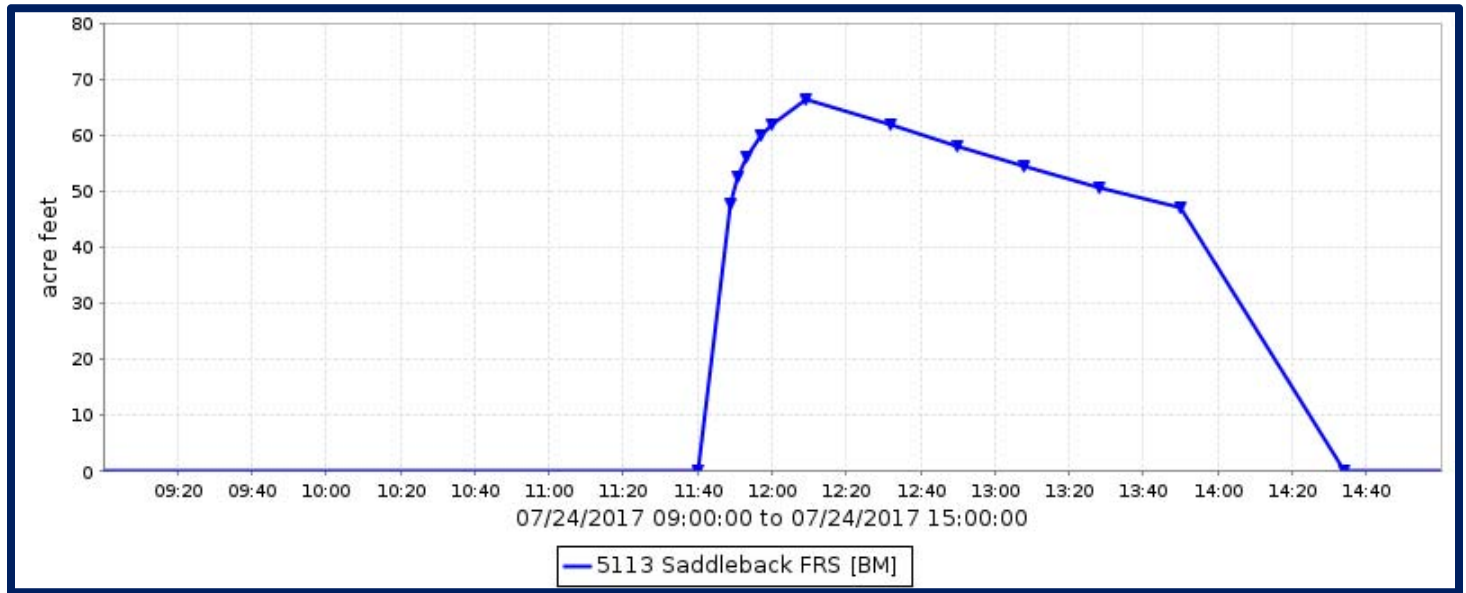
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
07/24/2017	1.02	66	1.0

Hydrograph of peak WY 2017 impoundment event



Saddleback FRS, runoff data

Discharge, in cub, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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										1		
25												
26												
27												
28												
29					---			---				
30					---			---				
31		---			---		---		---			---
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	35	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 2017	TOTAL		1	MEAN	0	MAX	35	MIN	0	AC_FT		2

Saddleback FRS, volume data

Volume, in acre-feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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										6		
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	66	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2017	MEAN		0	MAX	66	MIN	0					

Saddleback FRS, stage data

Depth, in feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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	0.3	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
20	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	0.4	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
30	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	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	1.0	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 2017	MEAN	0.30	MAX	1.02	MIN	0.30						

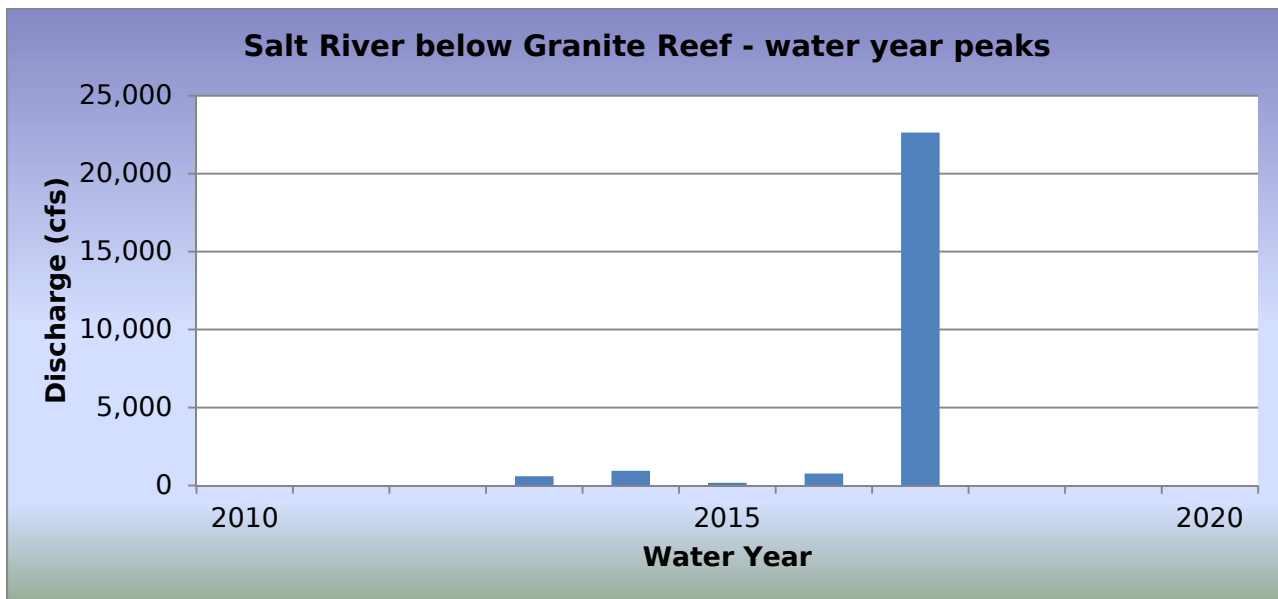
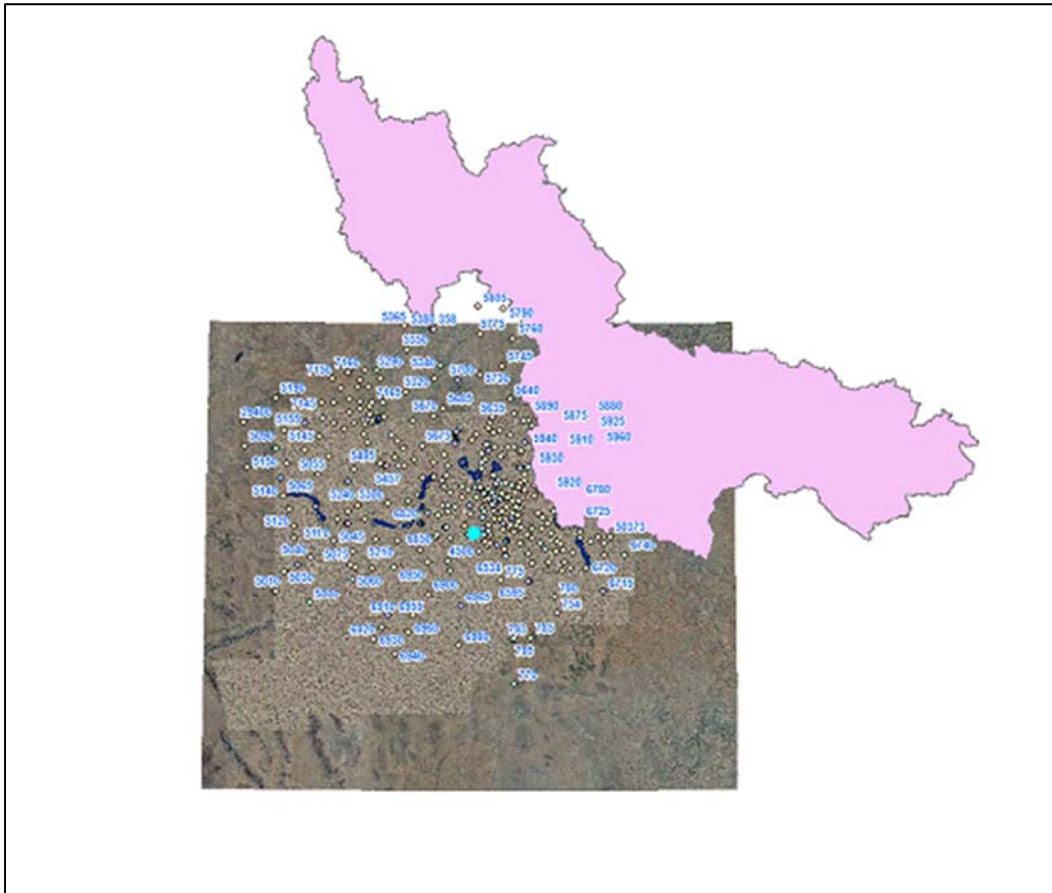
Salt River below Granite Reef Dam, ID #4583



Site Data

LOCATION	Located about 1/2 mile downstream from Granite Reef Diversion structure
DRAINAGE AREA	12,919 mi ²
STREAM TYPE	Natural Stream
JURISDICTION	Salt River Pima-Maricopa Indian Community, Arizona
WATERSHED	Lower Verde / Evergreen
SECTION/TOWNSHIP/RANGE	S13 T2N R6E
LATITUDE	N 33° 30' 53.5" +33.5147
LONGITUDE	W 111° 41' 56.4" -111.6990
STREAMGAGE INSTALLATION DATE	04/02/2012 - WY 2012
AVAILABLE PERIOD OF RECORD (POR)	04/02/2012 - Current
LENGTH OF AVAILABLE POR DATA	5.50 Years 2,008 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	4.25 feet Gage Height
ZERO GAGE HEIGHT ELEVATION	1,276.00 feet NAVD88
POINT OF ZERO FLOW	Undetermined
EXTREME FOR PERIOD OF RECORD	22,641 cfs 16.32 feet 03/01/2017

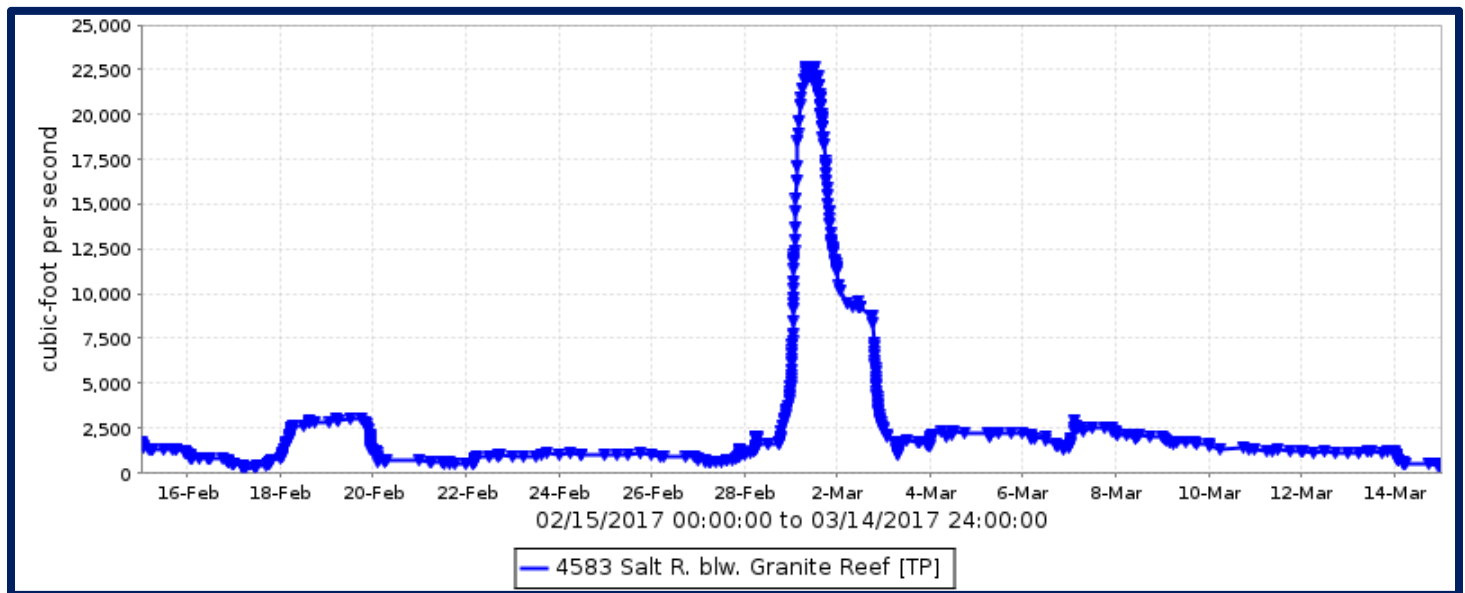
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
12/02/2016	7.47	1,520
01/21/2017	13.29	12,160
02/13/2017	8.11	2,134
02/19/2017	8.79	2,975
02/23/2017	6.84	1,057
02/25/2017	6.84	1,057
03/01/2017	16.32	22,641
07/24/2017	8.06	2,080

Hydrograph of peak WY 2017 flow event, 03/01/2017



Flood Flow Frequency

There is not enough data to compute a flood flow frequency for this gage station.

Salt River below Granite Reef Dam, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	60	69	157	297	20	17808	78					
2	65	71	258	307	20	8403	74					
3	71	78	81	297	20	1788	81					
4	85	85	85	302	20	2190	81					
5	88	85	98	286		2172	85					
6	93	74	98	278	20	1818	78					
7	88	81	102	303	20	2386	74					
8	74	81	125	300	20	2076	74					
9	65	68	130	271	20	1697	82					
10	66	74	127	300	69	1374	81					
11	69	81	136	307	91	1246	83					
12	62	81	145	297	994	1134	81					
13	66	88	158	320	1961	1123	85			69		
14	69	88	164	320		548	85			90		
15	62	99	172	323	1305	99	85			93		
16	65	102	164	333	760	57	88			90		
17	72	102	187	320	403	66	91			90		
18	78	107	168	334	2381	78	81			90		
19	71	107	164	344	2799	71	74			90		
20	68	112	164	347	743	78	79			93		
21	65	116	179	5772	573	81	84			93		
22	71	116	225	1131	811	85	78			86		
23	71	127	261	56	957	87	80			93		
24	68	119	240	20	1017	91	74			467		
25	71	116	271	20	1018	78	78			88		
26	62	122	278	20	925	75	88			93		
27	71	138	297	20	727	81	85			93		
28	71	145	297	20	1828	81	85					
29	66	138	300	20	---	78	41					
30	65	159	297	20	---	81						
31	68	---	303	20	---	71	---		---			---
TOTAL	2187	3032	5834	13305	21570	47102	2316	0	0	1717	0	0
MEAN	71	101	188	429	770	1519	77	0	0	55	0	0
MAX	116	194	1520	12160	4774	22641	116	0	0	2080	0	0
MIN	49	59	71	20	20	41	0	0	0	0	0	0
AC_FT	4337	6014	11571	26389	42784	93426	4593	0	0	3406	0	0
WTR YR 2017	TOTAL	97063	MEAN	266	MAX	22641	MIN	0	AC_FT	192521		

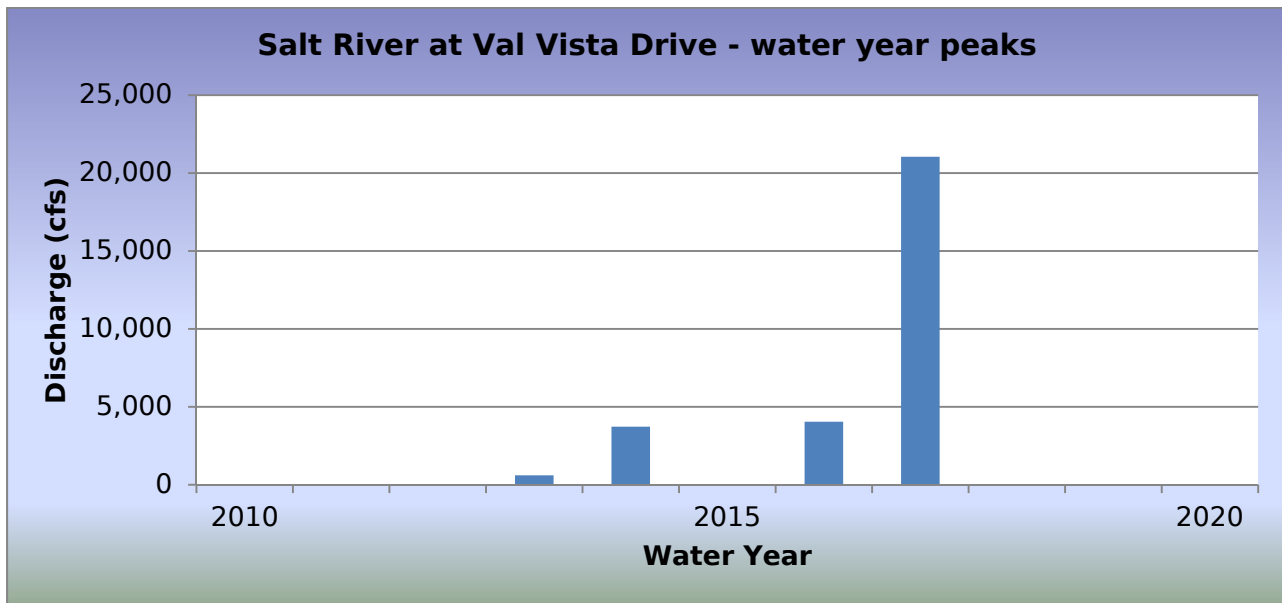
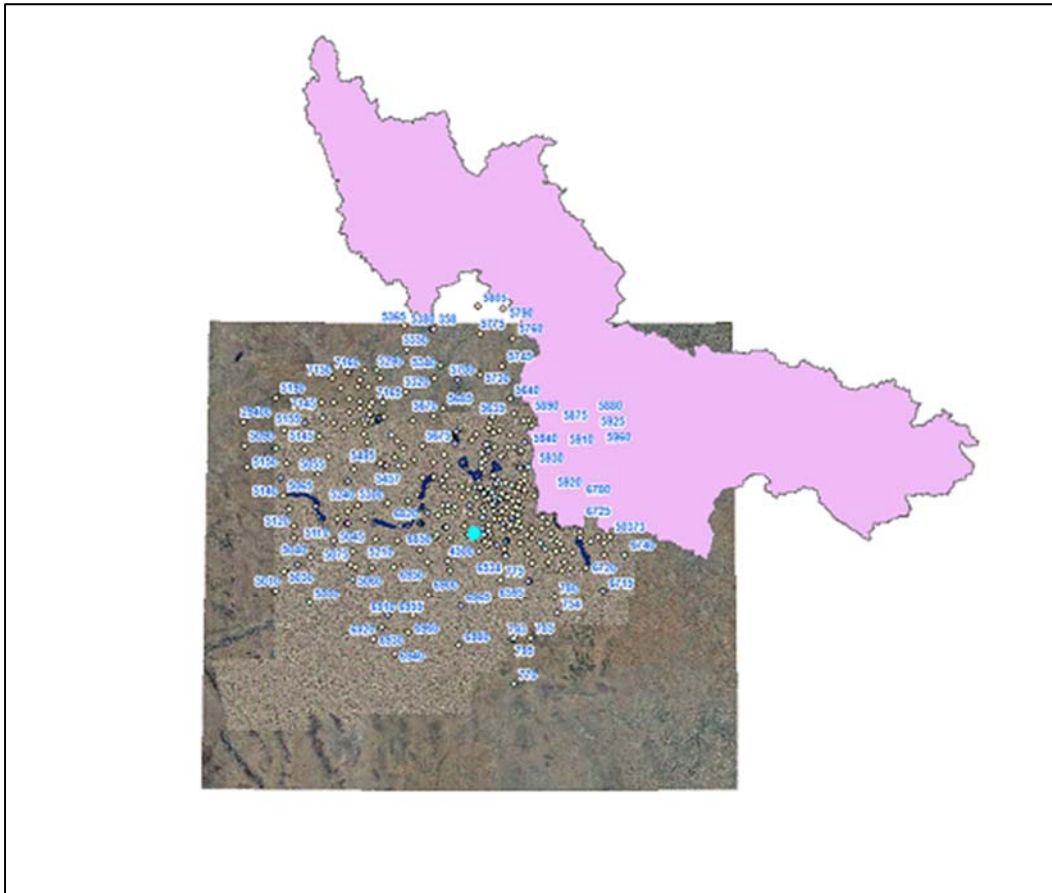
Salt River at Val Vista Drive, ID #4548



Site Data

LOCATION	Located north of SR202L and west of Val Vista Drive
DRAINAGE AREA	12,951 mi ²
STREAM TYPE	Natural Stream
JURISDICTION	Mesa, Arizona
WATERSHED	Lower EMF / Evergreen
SECTION/TOWNSHIP/RANGE	S29 T2N R6E
LATITUDE	N 33° 29' 03.3" +33.48426
LONGITUDE	W 111° 45' 44.1" -111.76225
STREAMGAGE INSTALLATION DATE	04/14/2011 - WY 2011
AVAILABLE PERIOD OF RECORD (POR)	04/14/2011 - Current
LENGTH OF AVAILABLE POR DATA	6.47 Years 2,362 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.40 feet Gage Height
ZERO GAGE HEIGHT ELEVATION	1,240.00 feet NAVD88
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	21,048 cfs 10.76 feet 03/01/2017

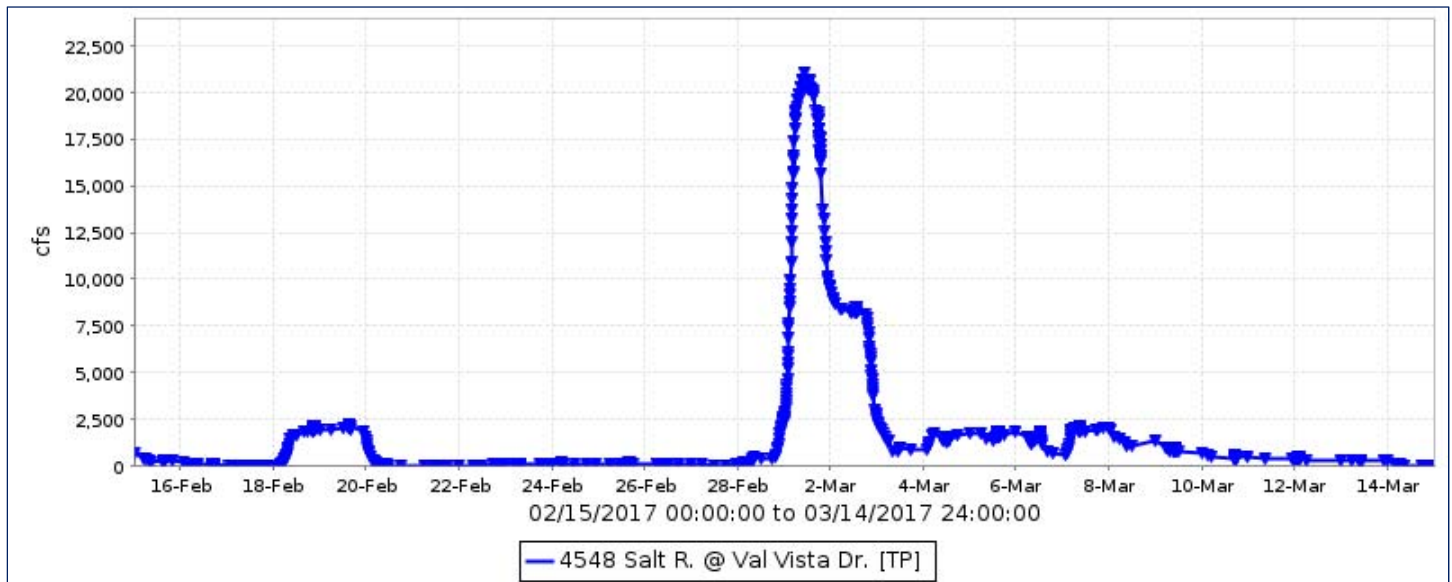
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
01/21/2017	7.25	8,400
02/13/2017	3.56	868
02/19/2017	4.33	2,213
03/01/2017	10.76	21,048
03/07/2017	4.23	2,065

Hydrograph of peak WY 2017 flow event, 03/01/2017



Flood Flow Frequency

There is not enough data to compute a flood flow frequency for this gage station.

Salt River at Val Vista Drive, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1						15629						
2						7795						
3						1184						
4						1438						
5						1653						
6						1239						
7						1707						
8						1284						
9						910						
10						532						
11						378						
12					60	313						
13					706	254						
14					644	73						
15					321	6						
16					75	1						
17					7							
18					1208							
19					1992							
20					162							
21				3319	18							
22				798	26							
23				1	75							
24					102							
25					102							
26					82							
27					34							
28					491							
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	4117	6104	34394	0	0	0	0	0	0
MEAN	0	0	0	133	218	1109	0	0	0	0	0	0
MAX	0	0	0	8400	2580	21048	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	8167	12107	68220	0	0	0	0	0	0
WTR YR 2017	TOTAL	44616	MEAN	122	MAX	21048	MIN	0	AC_FT	88494		

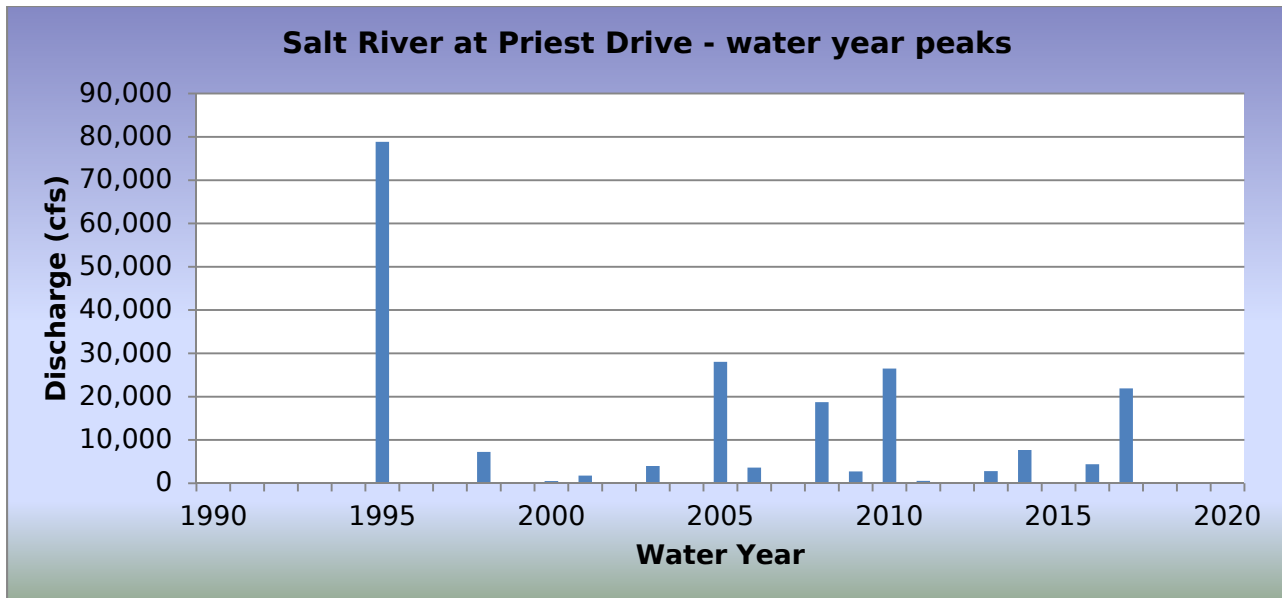
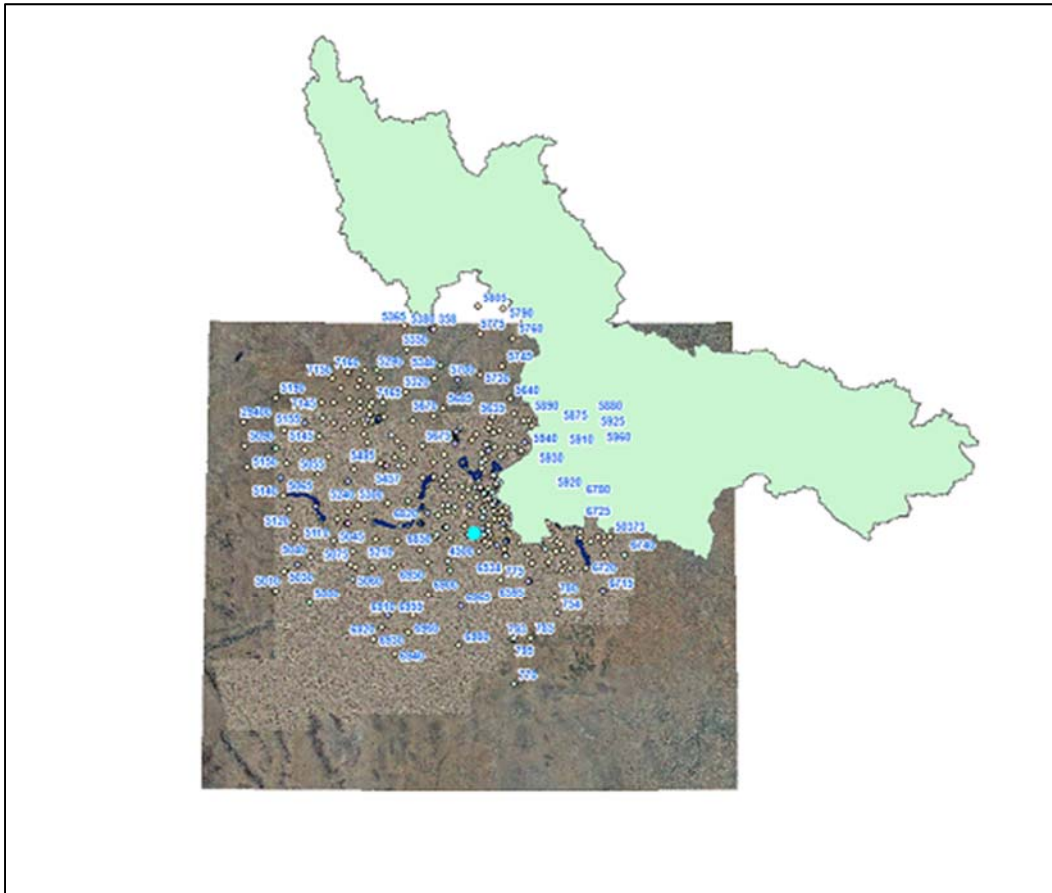
Salt River at Priest Drive, ID #4523



Site Data

LOCATION	Located on the Priest Drive Bridge
DRAINAGE AREA	13,223 mi ²
STREAM TYPE	Channelized Natural Stream
JURISDICTION	Tempe, Arizona
WATERSHED	Lower ACDC / South Mountain
SECTION/TOWNSHIP/RANGE	S17 T1N R4E
LATITUDE	N 33° 26' 02.4" +33.43401
LONGITUDE	W 111° 57' 40.7" -111.96132
STREAMGAGE INSTALLATION DATE	12/07/1993 - WY 1994
AVAILABLE PERIOD OF RECORD (POR)	12/07/1993 - Current
LENGTH OF AVAILABLE POR DATA	23.82 Years 8,699 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	2.60 feet Gage Height
ZERO GAGE HEIGHT ELEVATION	0.00 feet Gage Height
POINT OF ZERO FLOW	2.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	78,850 cfs 12.57 feet 02/16/1995

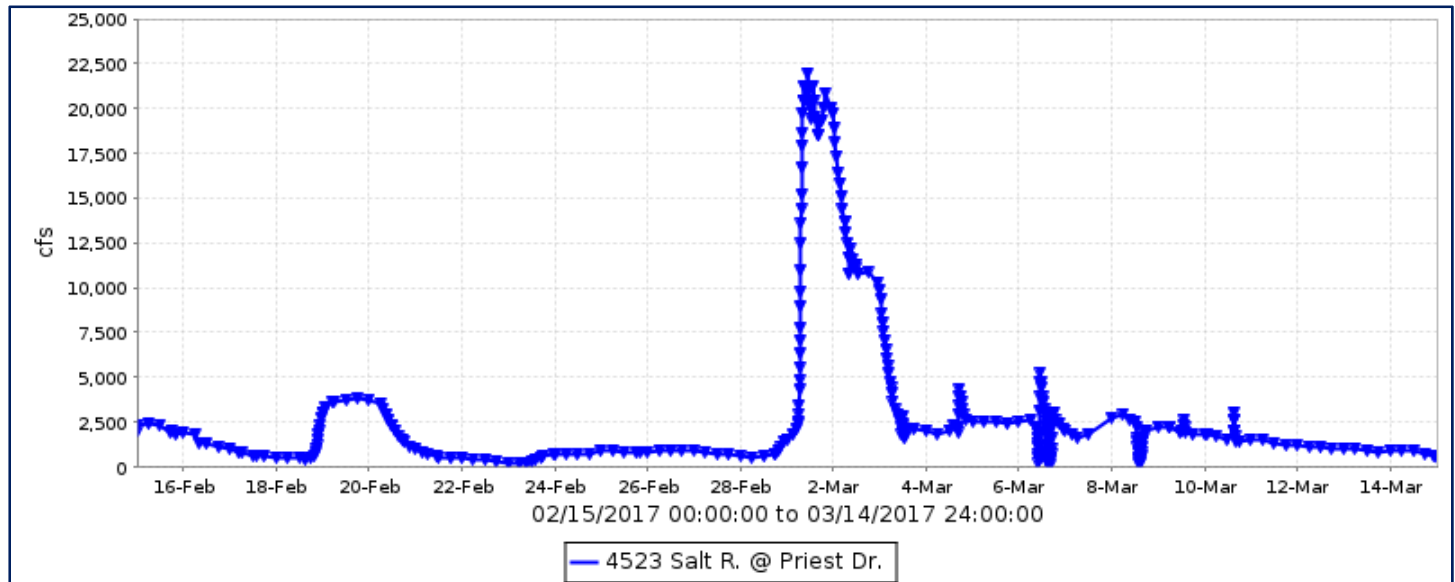
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
12/09/2016	3.91	930
12/22/2016	3.49	304
01/21/2017	4.44	2,183
01/22/2017	5.54	5,983
02/15/2017	4.50	2,352
02/19/2017	4.98	3,824
03/01/2017	8.34	21,922
03/04/2017	5.12	4,310
03/06/2017	5.37	5,267
03/10/2017	4.72	3,011
07/24/2017	4.18	137

Hydrograph of peak WY 2017 flow event, 03/01/2017



Flood Flow Frequency

Flood Flow Frequency Source: Table 2-4 from Study from Modified Roosevelt Dam					
2-year	5-year	10-year	20-year	50-year	100-year
n/a	20,500	55,000	90,000	140,000	169,000

Salt River at Priest Drive, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2	3	3	224	---	14604				---	---	---
2	2	3	309	220		12573				---	---	---
3	2	3	625	234	121	3589				---		---
4	2	3	636	248	260	2286	21			---		---
5	2	3	640	236	293	2470	25			---		---
6	2	3	634	239	319	2377				---		---
7	2	3	643	273	345	1778				---		---
8	2	3	643	328	377	2218	50			---		---
9	2	3	249	319	436	2036	82			---		---
10	2	3		308	482	1629	139			---		---
11	2	3		316	533	1369	121			---		---
12	2	3		331	567	1099	103			---		---
13	2	3		351	705	922	199			---		---
14	2	3		364	990	831	265			---		---
15	2	3		356	2203	214	257			---		---
16	2	3		367	1424		180			---		---
17	2	3		370	710		90			---		---
18	2	3	59	243	682		182			---		---
19	2	3	82	172	3616		208			---		---
20	2	3	82	181	2479		247			---		---
21	2	3	64	595	644		191			---		---
22	2	3	144	3219	376		27			---		---
23	2	3	95	234	329					---		---
24	2	3	166		697				6	---		---
25	2	3	152		830		24			---		---
26	2	3	161		869					---		---
27	2	3	153		786					---		---
28	2	3	169	---	686					---		---
29	3	3	183	---	---					---		---
30	3	3	191	---	---					---		---
31	3	---	218	---	---		---		---	---		---
TOTAL	65	90	6303	9727	21758	49995	2413	0	0	6	0	---
MEAN	2	3	203	314	821	1613	80	0	0	0	0	---
MAX	3	3	930	5983	3824	21922	341	0	0	137	0	---
MIN	2	3	0	0	0	0	0	0	0	---	---	---
AC_FT	129	179	12501	19294	43156	99164	4786	0	0	11	0	---
WTR YR 2017	TOTAL	90356	MEAN	248	MAX	21922	MIN	---	AC_FT	179219		

See *USGS Water-Data Report AZ-16-1* for official data for this site.

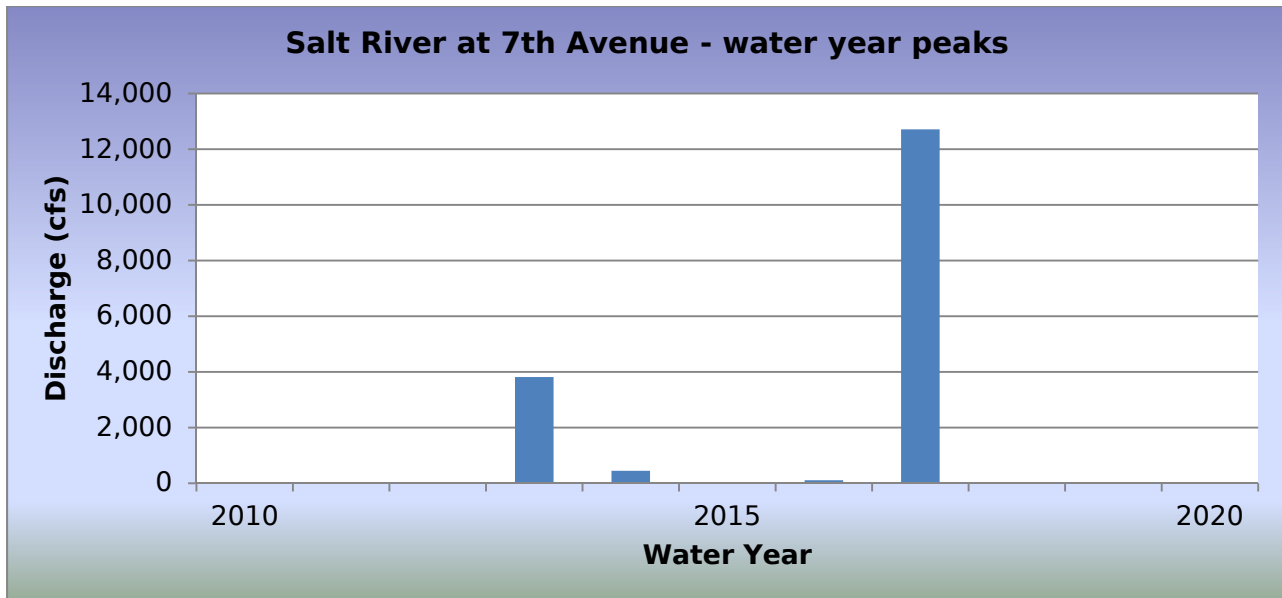
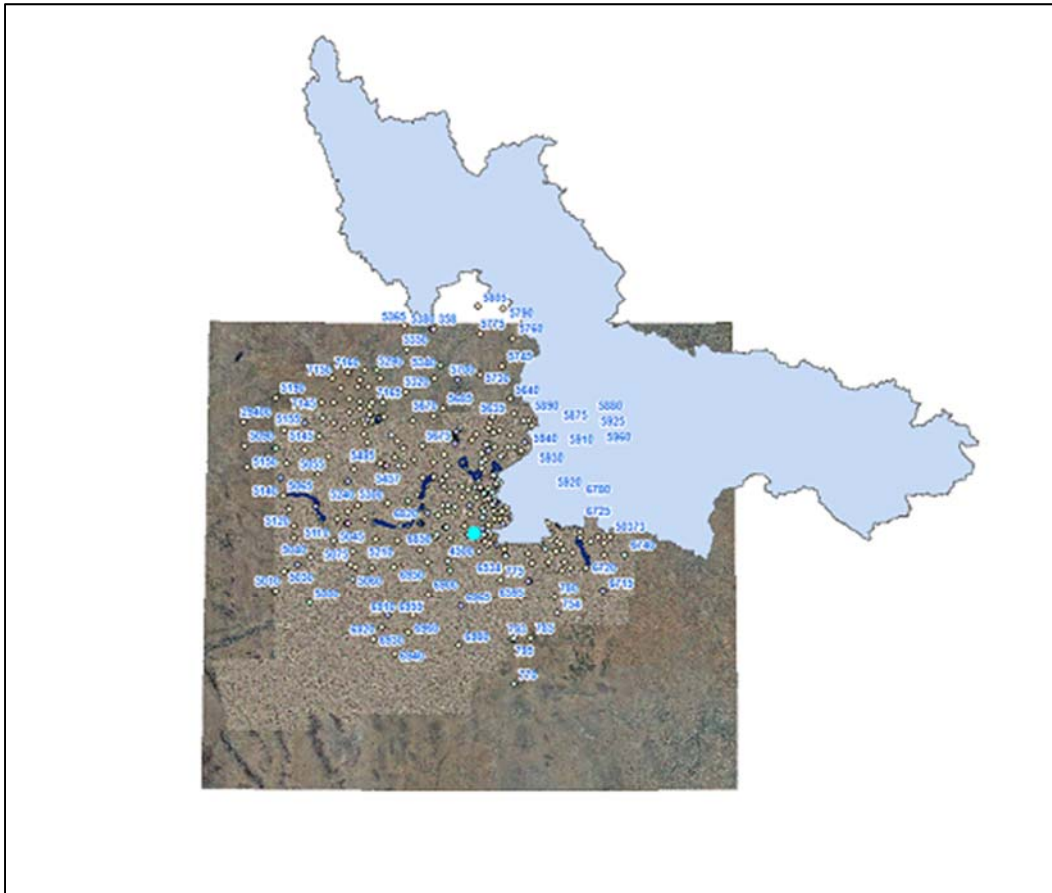
Salt River at 7th Avenue, ID #4763



Site Data

LOCATION	Located on the 7th Avenue Bridge
DRAINAGE AREA	13,223 mi ²
STREAM TYPE	Channelized Natural Stream
JURISDICTION	Phoenix, Arizona
WATERSHED	Lower ACDC / South Mountain
SECTION/TOWNSHIP/RANGE	S19 T1N R3E
LATITUDE	N 33° 25' 03.1" +33.41752
LONGITUDE	W 112° 04' 57.4" -112.08262
STREAMGAGE INSTALLATION DATE	01/25/2012 - WY 2012
AVAILABLE PERIOD OF RECORD (POR)	01/25/2012 - Current
LENGTH OF AVAILABLE POR DATA DATA	5.68 Years 2,076 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.00 feet Gage Height
ZERO GAGE HEIGHT ELEVATION	0.00 feet Gage Height
POINT OF ZERO FLOW	Undetermined
EXTREME FOR PERIOD OF RECORD	12.27 feet 12,712 cfs 03/01/2017

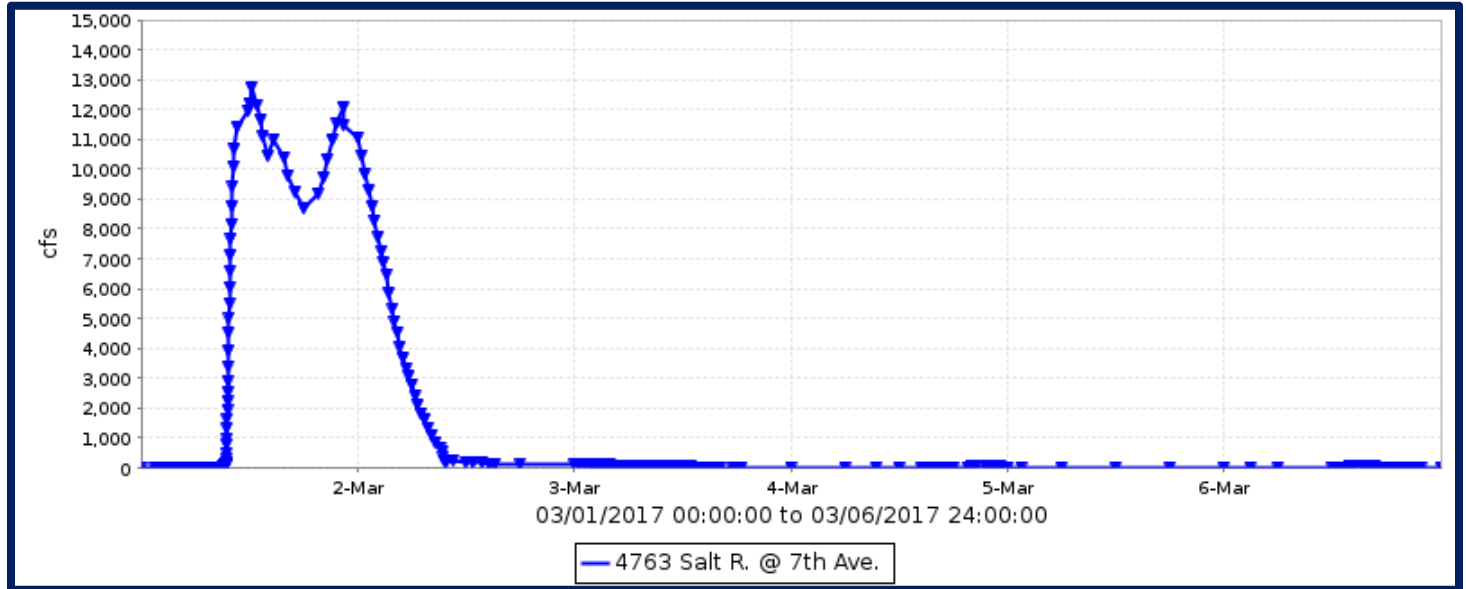
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
03/01/2017	12.27	12,712

Hydrograph of peak WY 2017 flow event, 03/01/2017



Flood Flow Frequency

There is not enough data to compute a flood flow frequency for this gage station.

Salt River at 7th Avenue, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				---		6259						
2						2052						
3						41					5	
4						11					1	
5						18						
6						15						
7				---		9						
8						15						
9						9						
10						3						
11						1						
12				---								
13				---								
14				---								
15				---	5							
16				---	1							
17			---	---								
18												
19					36							
20					31							
21				3	1							
22			1	33								
23			---	4								
24			---									
25			---									
26			---									
27												
28												
29			---		---							
30			---		---							
31		---	---		---		---		---			---
TOTAL	0	0	1	41	75	8434	0	0	0	0	6	0
MEAN	0	0	0	1	3	272	0	0	0	0	0	0
MAX	0	0	10	64	45	12712	0	0	0	4	39	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	2	80	148	16728	0	0	0	1	11	0
WTR YR 2017	TOTAL	8556	MEAN	23	MAX	12712	MIN	0	AC_FT	16970		

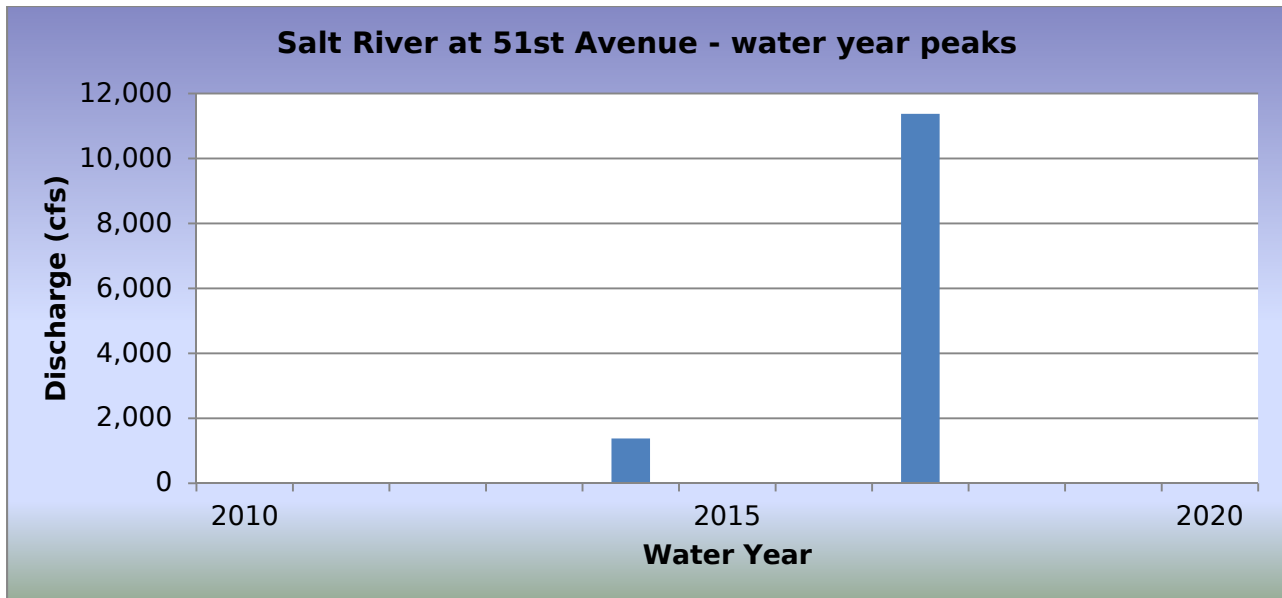
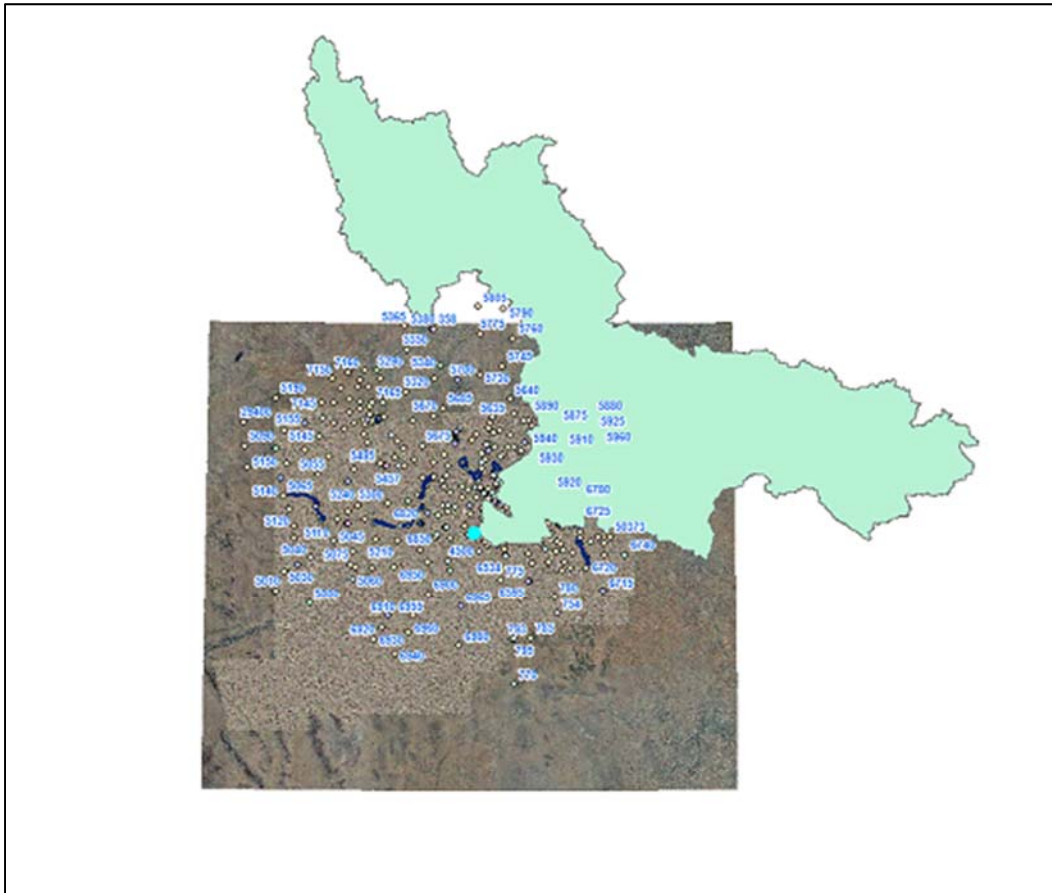
Salt River at 51st Avenue, ID #4753



Site Data

LOCATION	Located at the 51st Avenue crossing of the Salt River
DRAINAGE AREA	13,425 mi ²
STREAM TYPE	Channelized Natural Stream
JURISDICTION	Phoenix, Arizona
WATERSHED	Lower ACDC
SECTION/TOWNSHIP/RANGE	S29 T1N R2E
LATITUDE	N 33° 24' 15.7" +33.40435
LONGITUDE	W 112° 10' 07.4" -112.16871
STREAMGAGE INSTALLATION DATE	04/27/2011 - WY 2011
AVAILABLE PERIOD OF RECORD (POR)	04/27/2011 - Current
LENGTH OF AVAILABLE POR DATA DATA	6.43 Years 2,349 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	1.60 feet Gage Height
ZERO GAGE HEIGHT ELEVATION	1,050.00 feet NGVD 1929
POINT OF ZERO FLOW	Undetermined
EXTREME FOR PERIOD OF RECORD	11,376 cfs 10.50 feet GH 03/01/2017

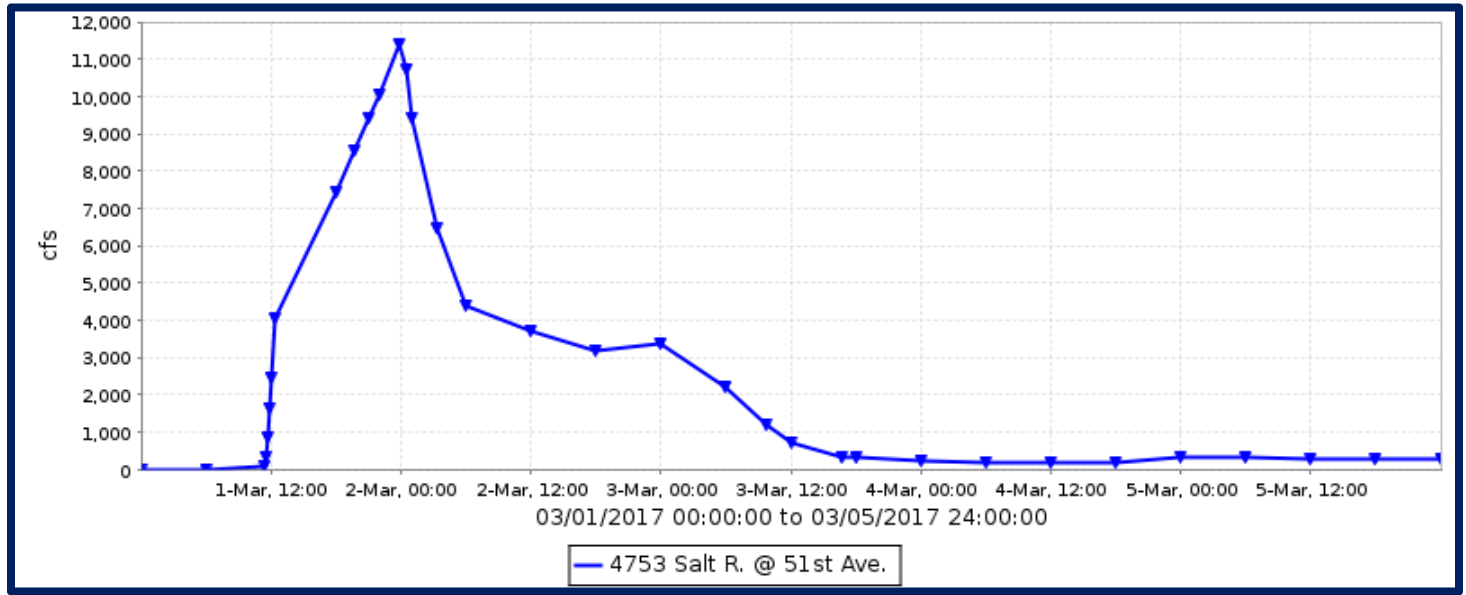
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
03/01/2017	10.50	11,376

Hydrograph of peak WY 2017 flow event, 03/01/2017



Flood Flow Frequency

There is not enough data to compute a flood flow frequency for this gage station.

Salt River at 51st Avenue, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1						3231						
2						4907						
3						1527						
4						199						
5						301						
6						302						
7						183						
8						295						
9						195						
10						159						
11						121						
12						79						
13						54						
14						50						
15						19						
16						2						
17												
18												
19												
20					2							
21												
22												
23												
24												
25												
26												
27												
28												
29						---						
30						---						
31		---				---	---		---			---
TOTAL	0	0	0	0	2	11625	0	0	0	0	0	0
MEAN	0	0	0	0	0	375	0	0	0	0	0	0
MAX	0	0	0	0	3	11376	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	5	23059	0	0	0	0	0	0
WTR YR 2017	TOTAL	11628	MEAN	32	MAX	11376	MIN	0	AC_FT	23063		

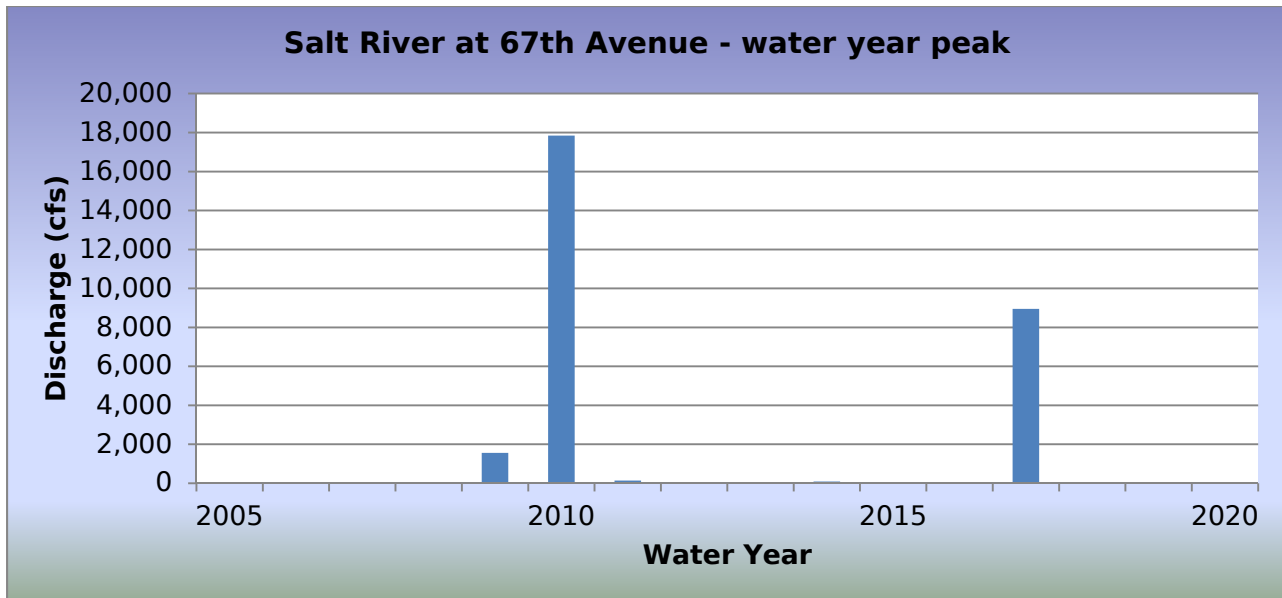
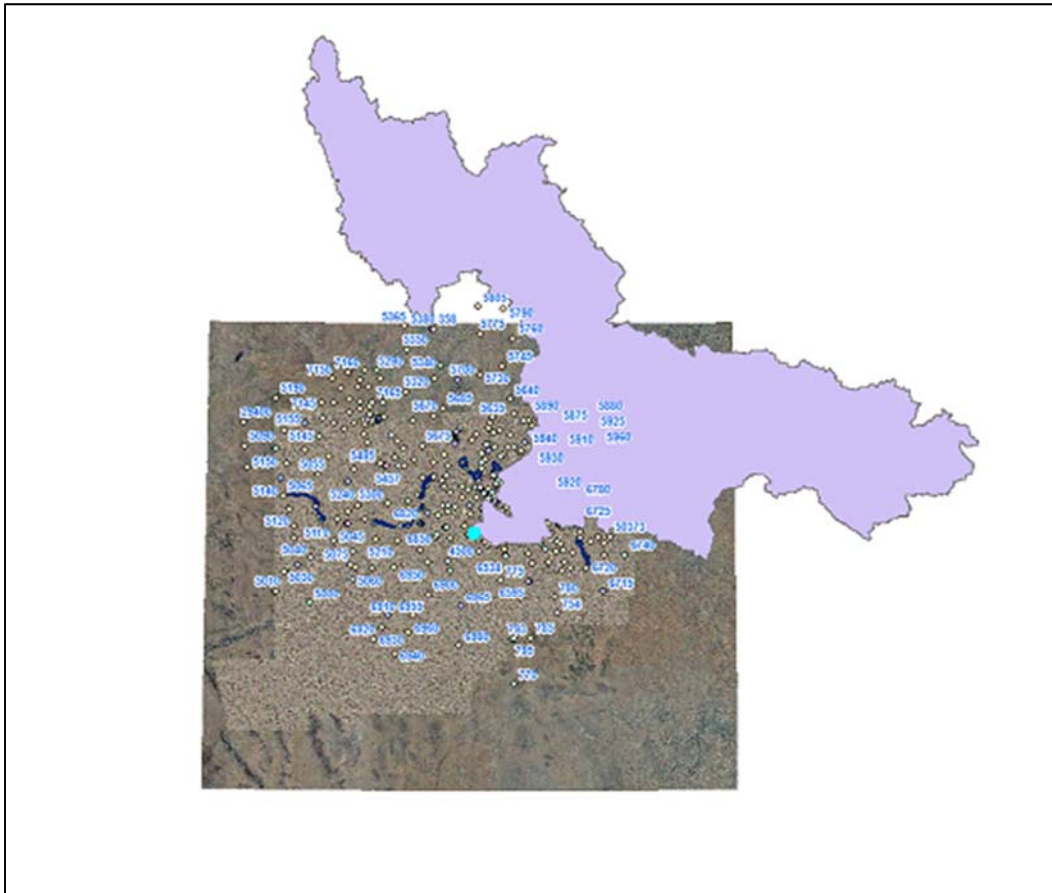
Salt River at 67th Avenue, ID #4758



Site Data

LOCATION	Located at the 67th Avenue crossing of the Salt River
DRAINAGE AREA	13,434 mi ²
STREAM TYPE	Culvert in Channelized Natural Stream
JURISDICTION	Maricopa County, Arizona
WATERSHED	Salt
SECTION/TOWNSHIP/RANGE	S30 T1N R2E
LATITUDE	N 33° 23' 51.8" +33.39773
LONGITUDE	W 112° 12' 12.6" -112.20351
STREAMGAGE INSTALLATION DATE	07/14/2008 - WY 2008
AVAILABLE PERIOD OF RECORD (POR)	07/14/2008 - Current
LENGTH OF AVAILABLE POR DATA	9.22 Years 3,366 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.50 feet Gage Height
ZERO GAGE HEIGHT ELEVATION	0.00 feet Gage Height
POINT OF ZERO FLOW	0.00 feet Gage Height
EXTREME FOR PERIOD OF RECORD	17,847 cfs 9.43 feet GH 01/22/2010

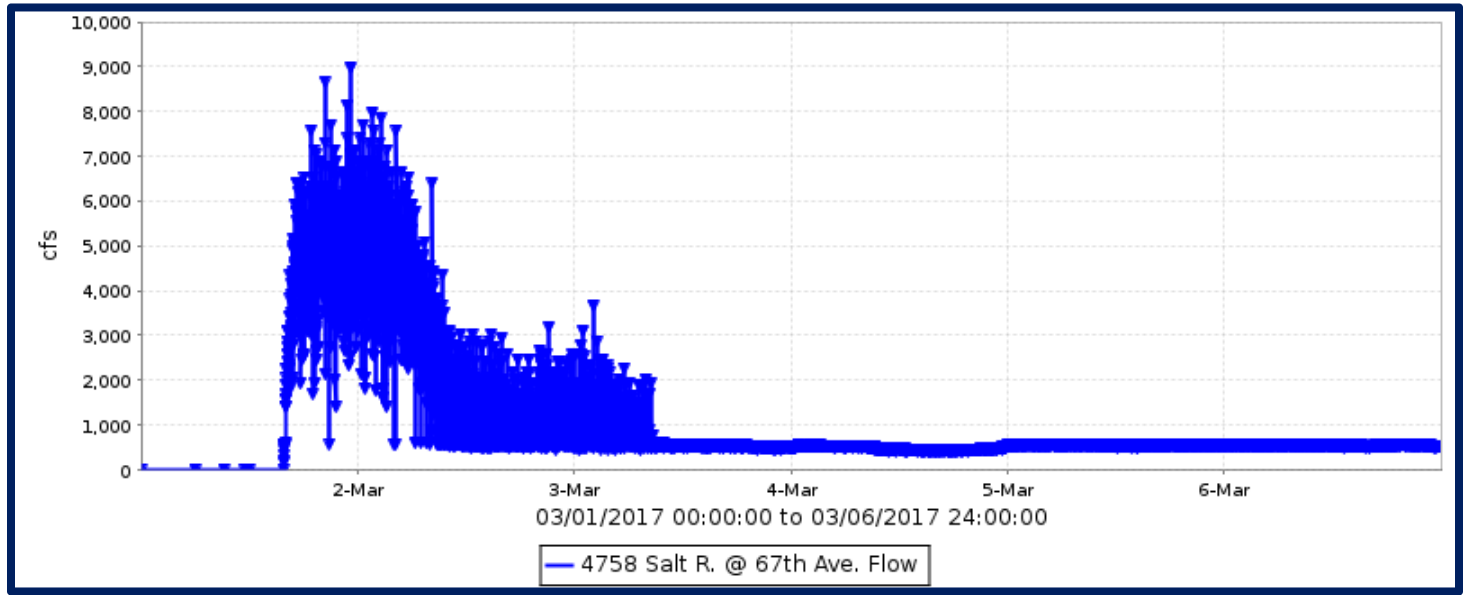
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
03/01/2017	7.96	8,953

Hydrograph of peak WY 2017 flow event



Flood Flow Frequency

There is not enough data to compute a flood flow frequency for this gage station.

Salt River at 67th Avenue, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1						1513						
2						2253						
3						643						
4						470						
5						534						
6						531						
7						446						
8						527						
9						460						
10						407						
11						293						
12						185						
13						147						
14						128						
15						87						
16						1						
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29						---						
30						---						
31		---				---	---		---			---
TOTAL	0	0	0	0	0	8626	0	0	0	0	0	0
MEAN	0	0	0	0	0	278	0	0	0	0	0	0
MAX	0	0	0	0	0	8953	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	17109	0	0	0	0	0	0
WTR YR 2017	TOTAL	8626	MEAN	24	MAX	8953	MIN	0	AC_FT	17109		

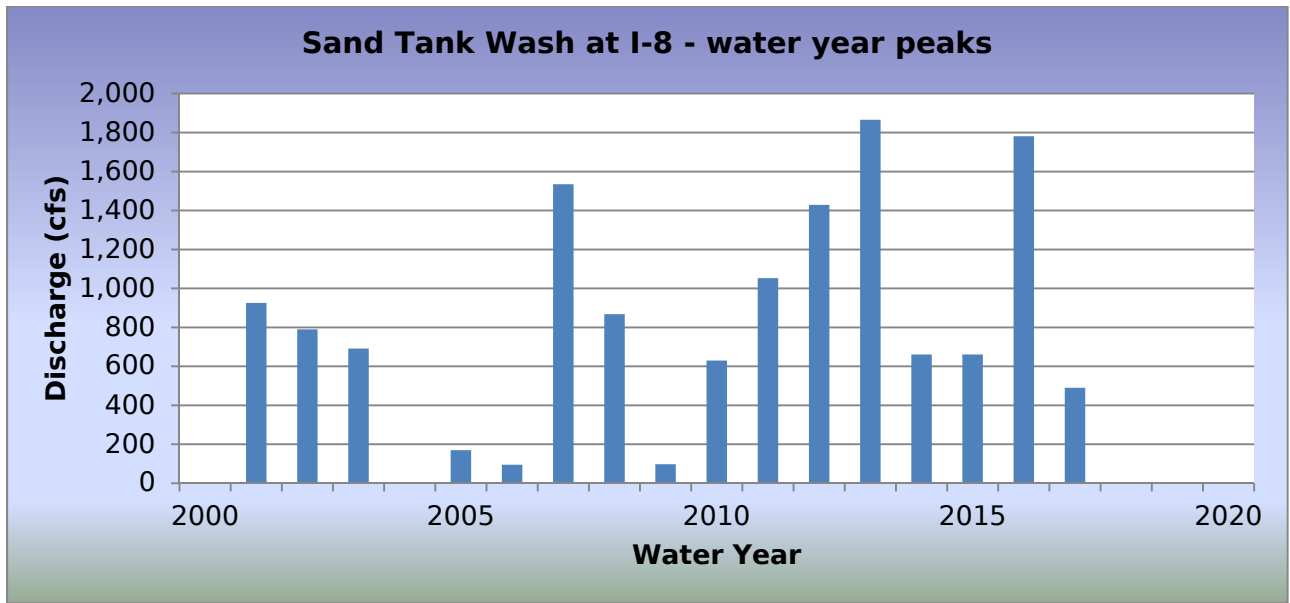
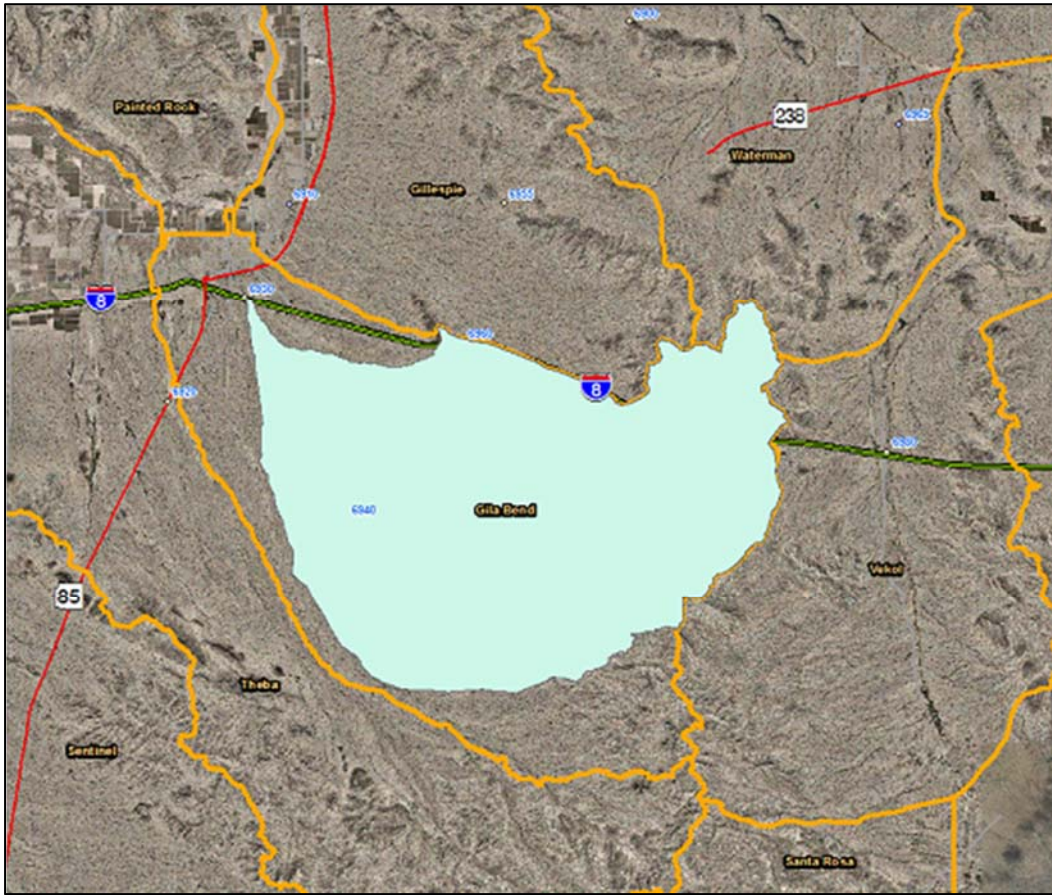
Sand Tank Wash at I-8, ID #6933



Site Data

LOCATION	Located in Gila Bend along I-8
DRAINAGE AREA	185 mi ²
STREAM TYPE	Natural Stream
JURISDICTION	Gila Bend, Arizona
WATERSHED	Gila Bend
SECTION/TOWNSHIP/RANGE	S06 T6S R4W
LATITUDE	N 32° 55' 59.1" +32.93310
LONGITUDE	W 112° 42' 20.8" -112.70579
STREAMGAGE INSTALLATION DATE	05/31/2001 - WY 2001
AVAILABLE PERIOD OF RECORD (POR)	05/31/2001 - Current
LENGTH OF AVAILABLE POR DATA	16.34 Years 5,967 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	1.30 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	760.48 feet NAVD 1988
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	1,866 cfs 4.75 feet 08/26/2013

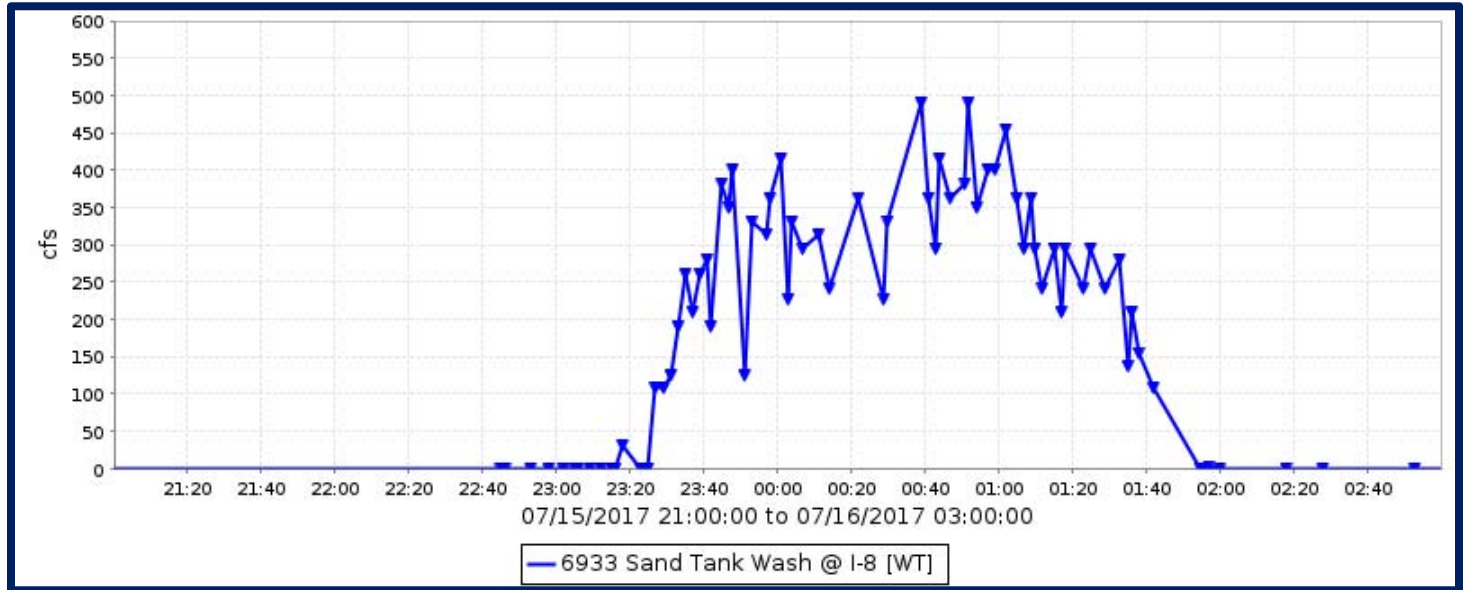
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
10/13/2016	2.14	260
07/16/2017	2.62	490
07/31/2017	1.81	108
08/12/2017	1.85	124

Hydrograph of peak WY 2017 flow event, 07/16/2017



Flood Flow Frequency

Flood Flow Frequency N=18, HEC-WRC computation (based on 18 years of data)					
2-year	5-year	10-year	20-year	50-year	100-year
631	1,340	1,900	2,470	3,240	3,830

NOTE: These results are based on very limited data.

Sand Tank Wash at I-8, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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										23		
17												
18									---			
19									---			
20												
21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---	1		---
TOTAL	0	0	0	0	0	0	0	0	0	30	0	0
MEAN	0	0	0	0	0	0	0	0	0	1	0	0
MAX	260	0	0	0	0	0	0	0	3	490	124	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	59	1	0
WTR YR 2017	TOTAL		31	MEAN	0	MAX	490	MIN	0	AC_FT		61

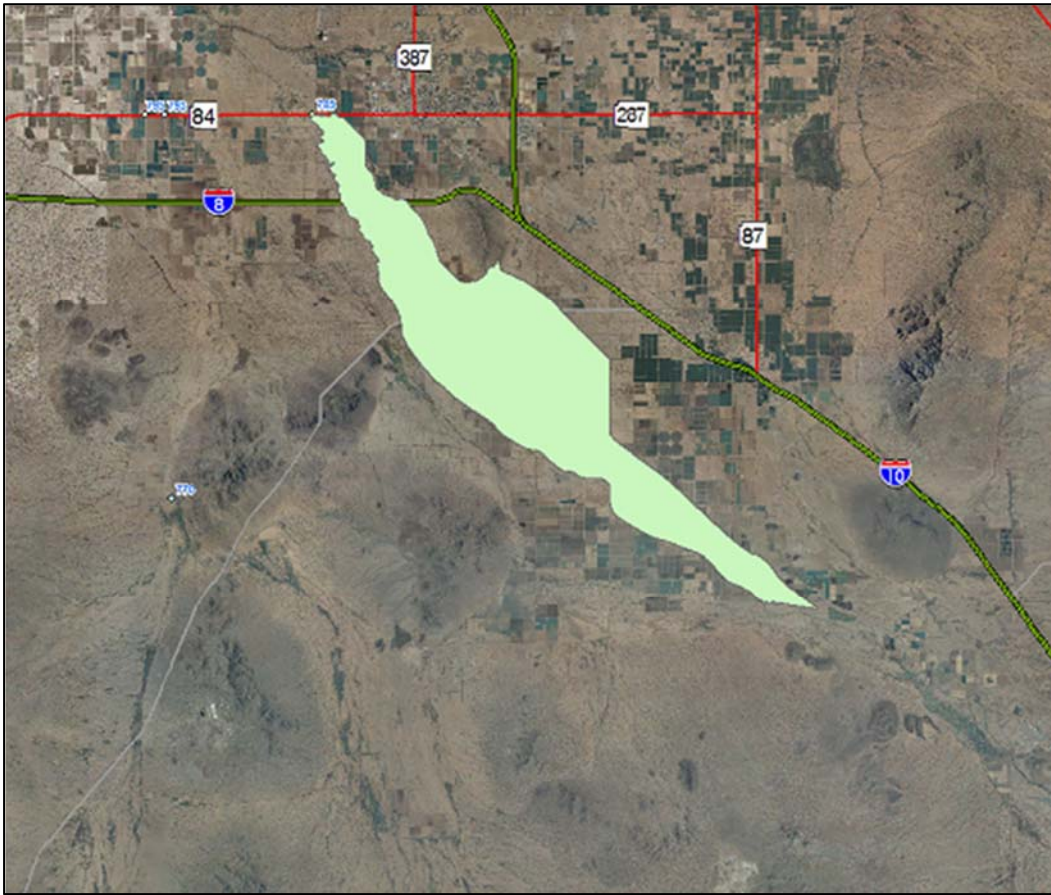
Santa Cruz River at SR84, ID #0788



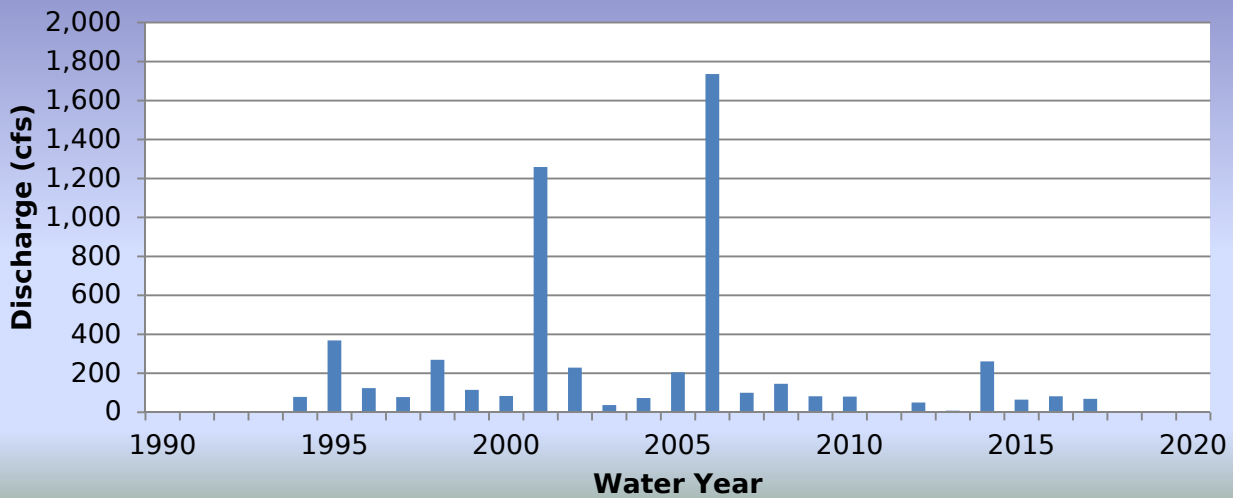
Site Data

LOCATION	On SR 84 about 5 miles west of Casa Grande
DRAINAGE AREA	78.8 mi ²
STREAM TYPE	Channelized Natural Stream
JURISDICTION	Pinal County, Arizona
WATERSHED	Santa Cruz
SECTION/TOWNSHIP/RANGE	S21 T6S R5E
LATITUDE	N 32° 52' 46.3" +32.87952
LONGITUDE	W 111° 49' 44.2" -111.82895
STREAMGAGE INSTALLATION DATE	03/16/1994 - WY 1994
AVAILABLE PERIOD OF RECORD (POR)	03/16/1994 - Current
LENGTH OF AVAILABLE POR DATA	23.55 Years 8,600 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.00 feet Gage Height
ZERO GAGE HEIGHT ELEVATION	1,346.06 feet NAVD88
POINT OF ZERO FLOW	-1.3 feet Gage Height
EXTREME FOR PERIOD OF RECORD	1,736 cfs 4.38 feet 08/02/2006

Watershed Map



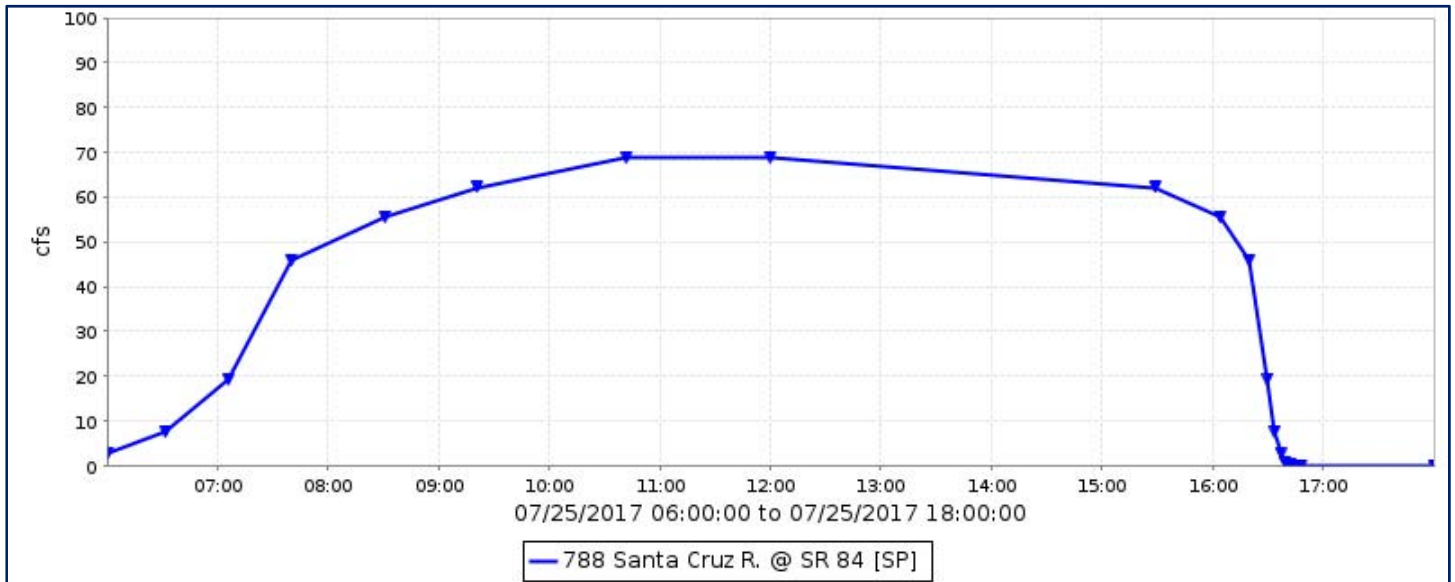
Santa Cruz River at SR84 - water year peaks



WY2017 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
01/02/2017	0.84	30
07/24/2017	0.77	16
07/25/2017	1.19	69

Hydrograph of peak WY 2017 flow event, 07/25/2017



Flood Flow Frequency

Flood Flow Frequency N=24, HEC-WRC computation (based on 24 years of data)					
2-year	5-year	10-year	20-year	50-year	100-year
116	323	551	856	1,400	1,950

Santa Cruz River at SR84, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				2								
2				5								
3				1								
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												1
19												8
20												6
21				---								
22			---	---								
23										1		
24										5		
25			5							24		
26			5									
27												
28												
29					---							
30					---							
31		---	2		---		---		---			---
TOTAL	1	1	13	9	0	0	0	0	0	31	0	16
MEAN	0	0	0	0	0	0	0	0	0	1	0	1
MAX	2	3	10	30	0	0	0	0	0	69	5	16
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	2	2	26	17	0	0	0	0	0	61	1	31
WTR YR 2017	TOTAL		71	MEAN	0	MAX	69	MIN	0	AC_FT		141

Santa Rosa Wash at SR84 , ID #0798



Site Data

LOCATION	On SR 84 between Stanfield and Casa Grande
DRAINAGE AREA	1,941 mi ²
STREAM TYPE	Channelized Natural Stream
JURISDICTION	Pinal County, Arizona
WATERSHED	Santa Rosa
SECTION/TOWNSHIP/RANGE	S21 T6S R4E
LATITUDE	N 32° 52' 46.2" +32.87946
LONGITUDE	W 111° 56' 48.3" -111.94670
STREAMGAGE INSTALLATION DATE	03/16/1994 - WY 1994
AVAILABLE PERIOD OF RECORD (POR)	03/16/1994 – 05/09/2017
LENGTH OF AVAILABLE POR DATA	23.15 Years 8,455 Days
DATA GAPS IN POR	05/29/2012 - 10/29/2012
STAGE GAGE ELEVATION	2.10 feet Gage Height
ZERO GAGE HEIGHT ELEVATION	1,292.42 feet NAVD88
POINT OF ZERO FLOW	0.00 feet Gage Height
EXTREME FOR PERIOD OF RECORD	576 cfs 0.41 feet 10/25/2000 and 07/08/1999

NOTE: this station was permanently removed from service on May 9, 2017.

WY2017 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
No runoff recorded		

Hydrograph of peak WY 2017 flow event,

There were no runoff events in water year 2016

Flood Flow Frequency

There is not enough data to compute a flood flow frequency for this gage station.

Santa Rosa Wash at SR84, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values														
	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	---	---			---		---	---		---	---	---			
TOTAL	0	0	0	0	0	0	0	0	---	---	---	---			
MEAN	0	0	0	0	0	0	0	0	---	---	---	---			
MAX	0	0	0	0	0	0	0	0	---	---	---	---			
MIN	0	0	0	0	0	0	0	0	---	---	---	---			
AC_FT	0	0	0	0	0	0	0	0	---	---	---	---			
WTR YR 2017	TOTAL		0	MEAN		0	MAX		0	MIN		0	AC_FT		0

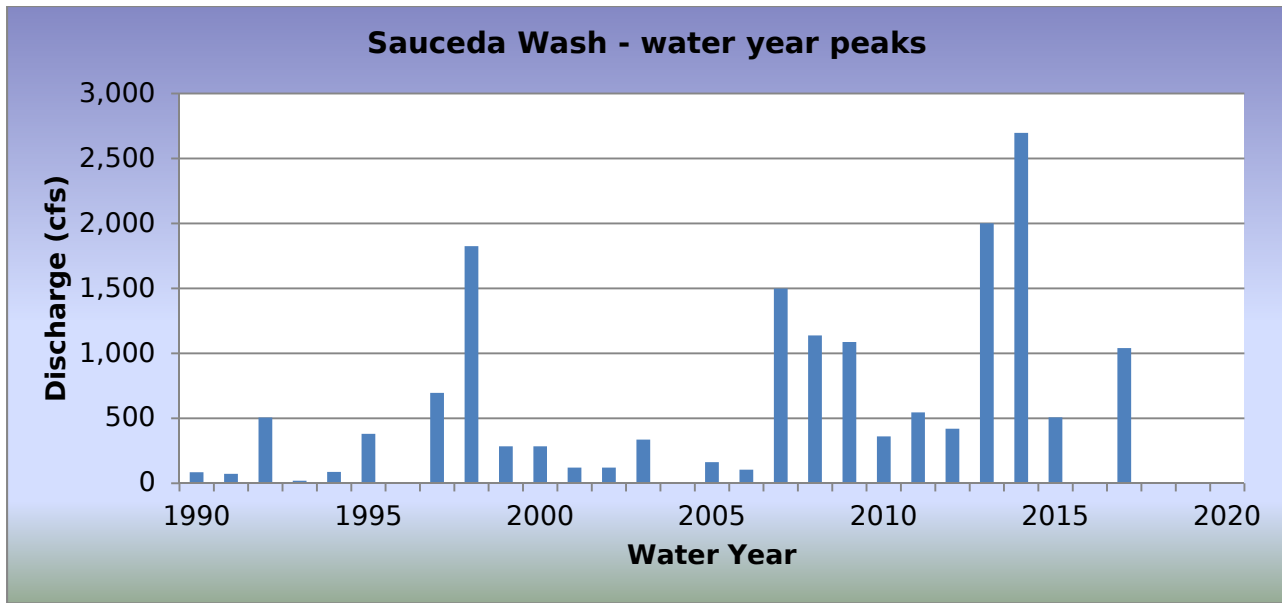
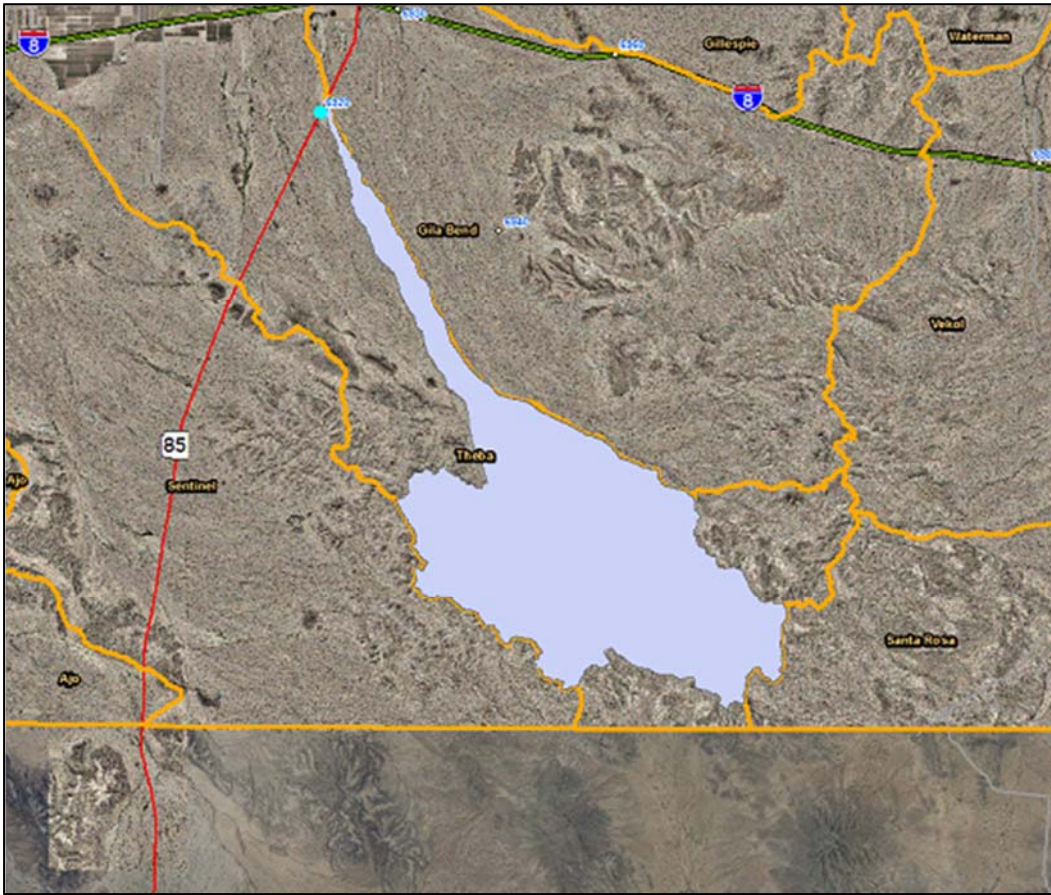
Sauceda Wash, ID #6923



Site Data

LOCATION	About 5 miles south of Gila Bend on SR 85
DRAINAGE AREA	126 mi ²
STREAM TYPE	Natural Stream
JURISDICTION	Maricopa County, Arizona
WATERSHED	Theba
SECTION/TOWNSHIP/RANGE	S27 T6S R5W
LATITUDE	N 32° 52' 49.6" +32.88044
LONGITUDE	W 112° 45' 15.4" -112.75427
STREAMGAGE INSTALLATION DATE	02/28/1990 - WY 1990
AVAILABLE PERIOD OF RECORD (POR)	02/28/1990 - Current
LENGTH OF AVAILABLE POR DATA	27.59 Years 10,077 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	1.14 feet Gage Height
STAFF GAGES	2
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	842.01 feet NAVD 1988
POINT OF ZERO FLOW	1.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	2,698 cfs 5.70 feet GH 08/13/2014

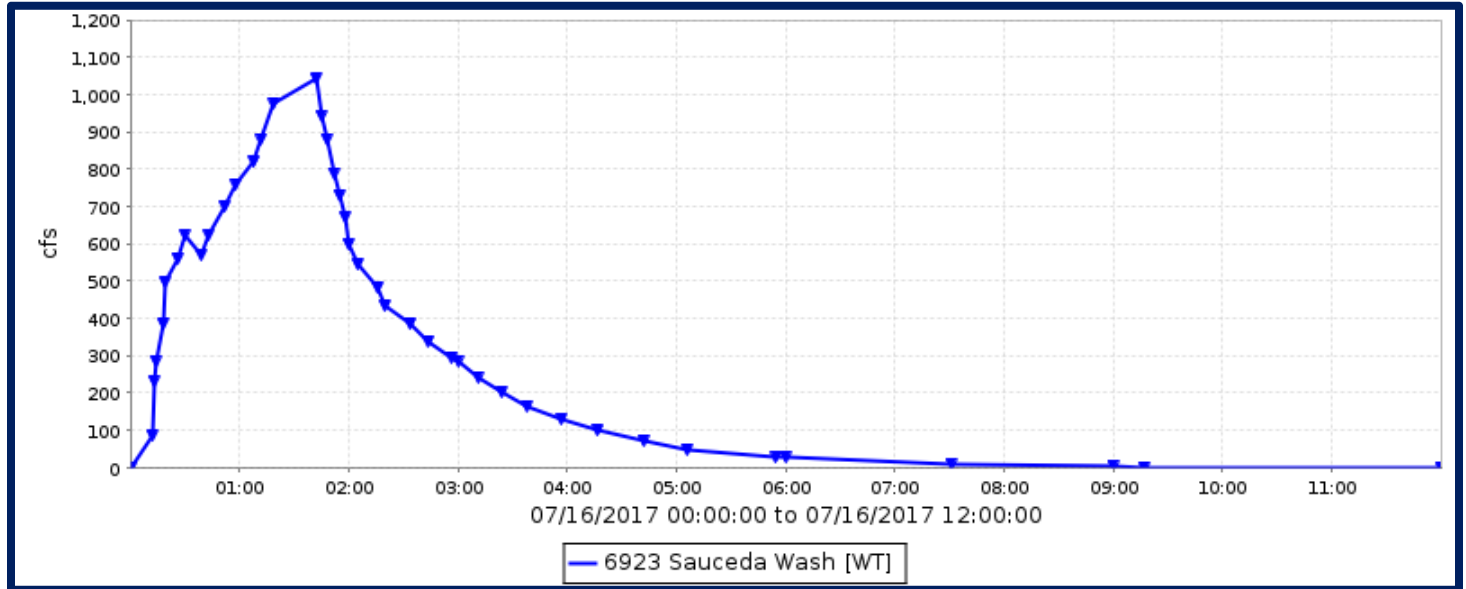
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
07/16/2017	3.59	1,041

Hydrograph of peak WY 2017 flow event, 07/16/2017



Flood Flow Frequency

Flood Flow Frequency N=45, HEC-WRC computation (based on 45 years of data)					
2-year	5-year	10-year	20-year	50-year	100-year
391	1,180	2,020	3,090	4,910	6,600

NOTE: These results are based on limited data.

Sauceda Wash, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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										91		
17												
18												
19									1			
20									1			
21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	0	0	0	0	1	3	92	0	0
MEAN	0	0	0	0	0	0	0	0	0	3	0	0
MAX	0	0	0	0	0	0	0	2	2	1041	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	0	1	6	182	0	0
WTR YR 2017	TOTAL	96	MEAN	0	MAX	1041	MIN	0	AC_FT	190		

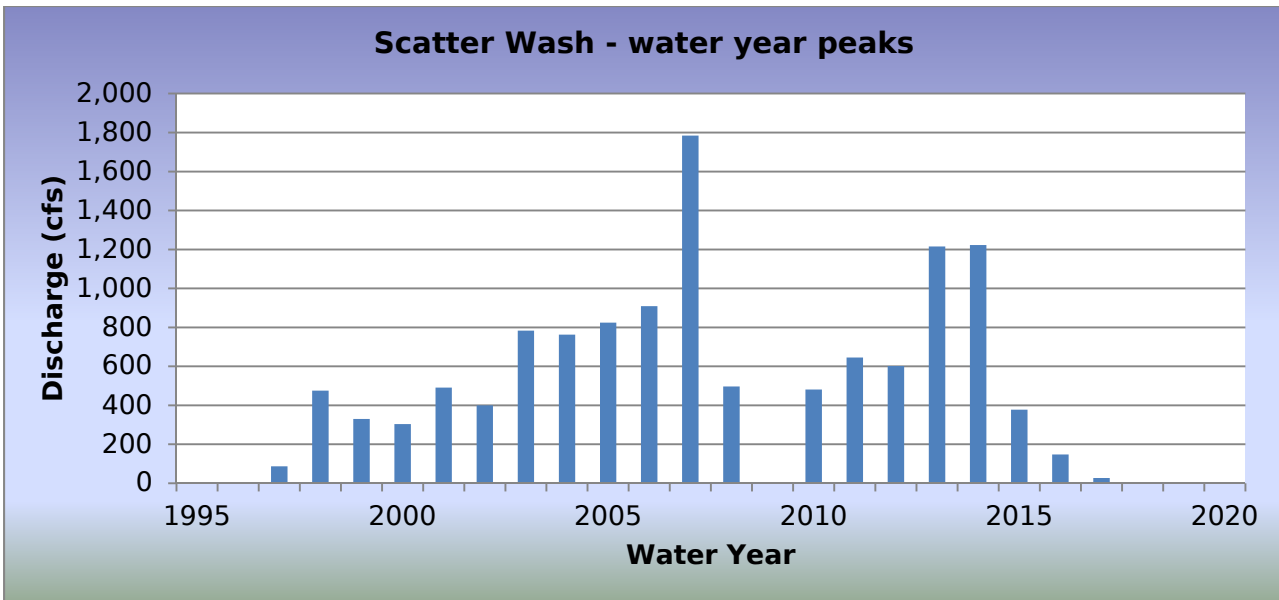
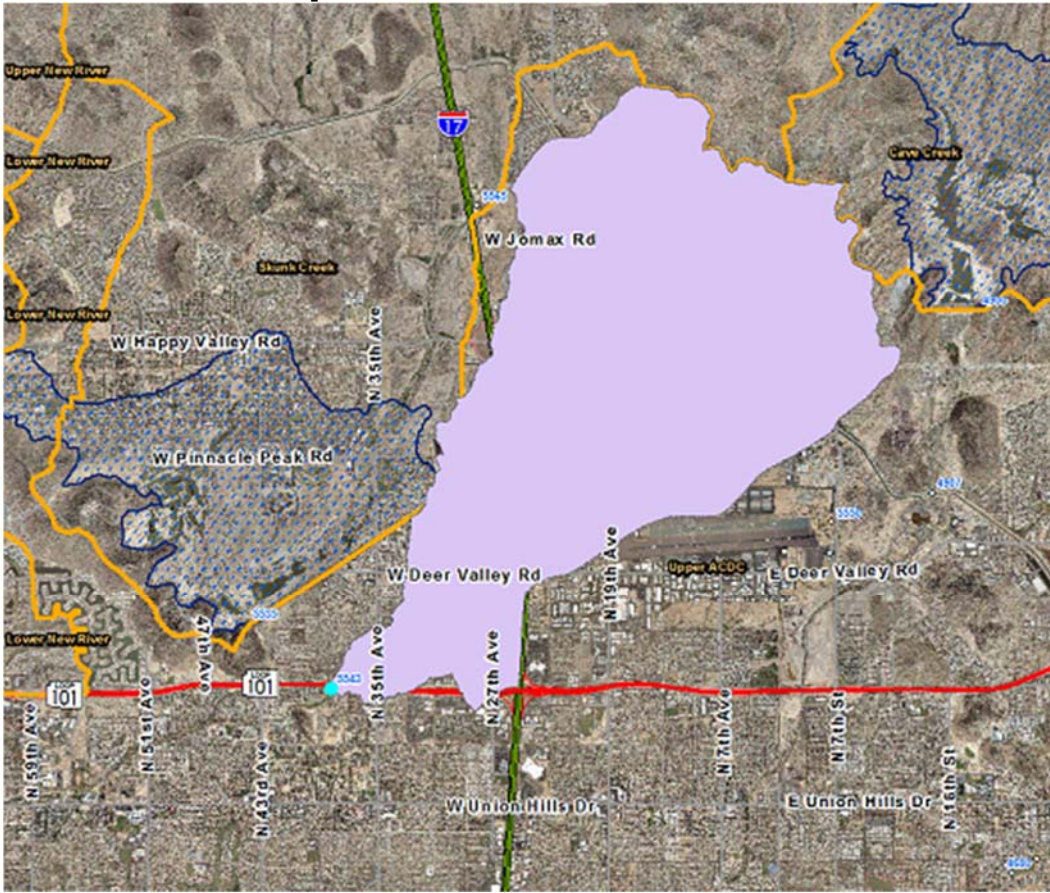
Scatter Wash, ID #5543



Site Data

LOCATION	Located west of 35th Avenue on eastbound Beardsley Road
DRAINAGE AREA	12.4 mi ²
STREAM TYPE	Channelized Natural Stream
JURISDICTION	Phoenix, Arizona
WATERSHED	Upper ACDC
SECTION/TOWNSHIP/RANGE	S27 T4N R2E
LATITUDE	N 33° 40' 08.2" +33.66893
LONGITUDE	W 112° 08' 29.8" -112.14160
STREAMGAGE INSTALLATION DATE	09/18/1996 - WY 1996
AVAILABLE PERIOD OF RECORD (POR)	09/18/1996 - Current
LENGTH OF AVAILABLE POR DATA	21.03 Years 7,683 Days
DATA GAPS IN POR	07/23/2008 - 11/18/2008
STAGE GAGE ELEVATION	0.00 feet Gage Height
STAFF GAGES	1
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,329.78 feet M.S.L.
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	1,784 cfs 3.42 feet 07/25/2007

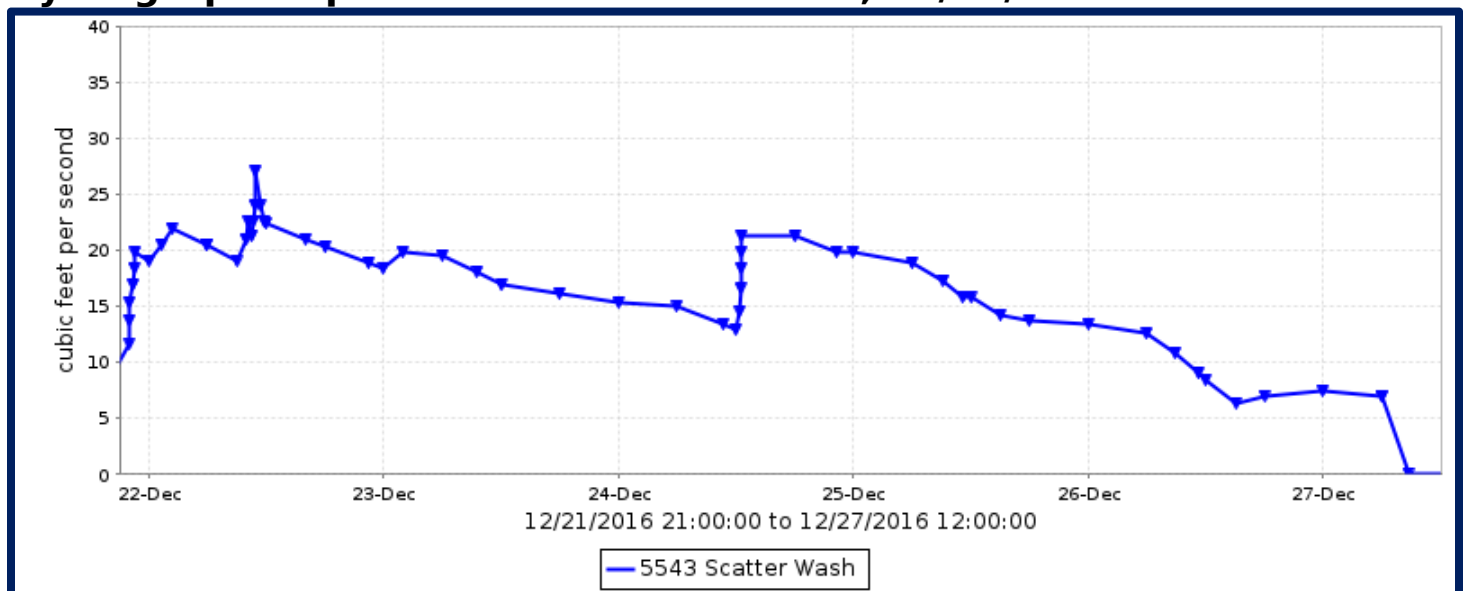
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
11/03/2016	0.97	19
11/20/2017	0.97	19
11/27/2016	1.07	20
12/22/2016	1.42	27
12/31/2016	1.22	23
01/01/2017	1.22	23
01/20/2017	1.17	22
01/23/2017	1.10	21
02/19/2017	1.25	23
02/28/2017	1.17	22

Hydrograph of peak WY 2017 flow event, 12/22/2016



Flood Flow Frequency

Flood Flow Frequency N=21, HEC-WRC computation (based on 21 years of data)					
2-year	5-year	10-year	20-year	50-year	100-year
462	1,030	1,490	1,950	2,580	3,050

NOTE(1): These results are based on very limited data.

Flood Flow Frequency 1995 Flood Insurance Study					
2-year	5-year	10-year	20-year	50-year	100-year
	220	590	1,320	3,500	6,100

Scatter Wash, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values														
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP			
1				20		15									
2				17		11									
3		5		13		3	1								
4		5		5			1								
5															
6							3								
7															
8							1								
9							1								
10							1								
11							---								
12															
13															
14							1								
15							1								
16															
17															
18					12										
19					21										
20		6		9	14										
21		16	2	17	6										
22		5	21	8	3										
23			18	9	4						1				
24			18	18	3						1				
25			17	8	3										
26			10		3										
27		5	3		8										
28		14	3		18										
29		5			---										
30			4		---										
31		---	19		---		---		---	---		---			
TOTAL	0	59	113	123	96	29	12	0	0	0	2	0			
MEAN	0	2	4	4	3	1	0	0	0	0	0	0			
MAX	0	20	27	23	23	17	6	0	0	7	8	0			
MIN	0	0	0	0	0	0	0	0	0	0	0	0			
AC_FT	0	117	224	244	191	57	25	0	0	1	4	0			
WTR YR 2017	TOTAL		435	MEAN		1	MAX		27	MIN		0	AC_FT		862

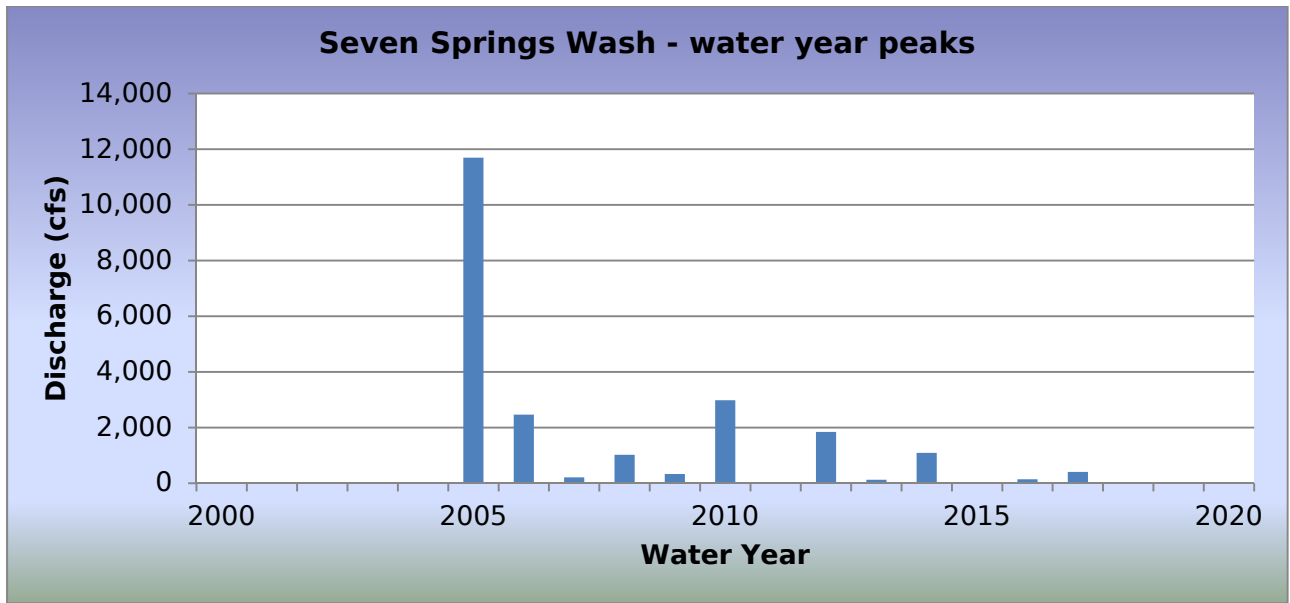
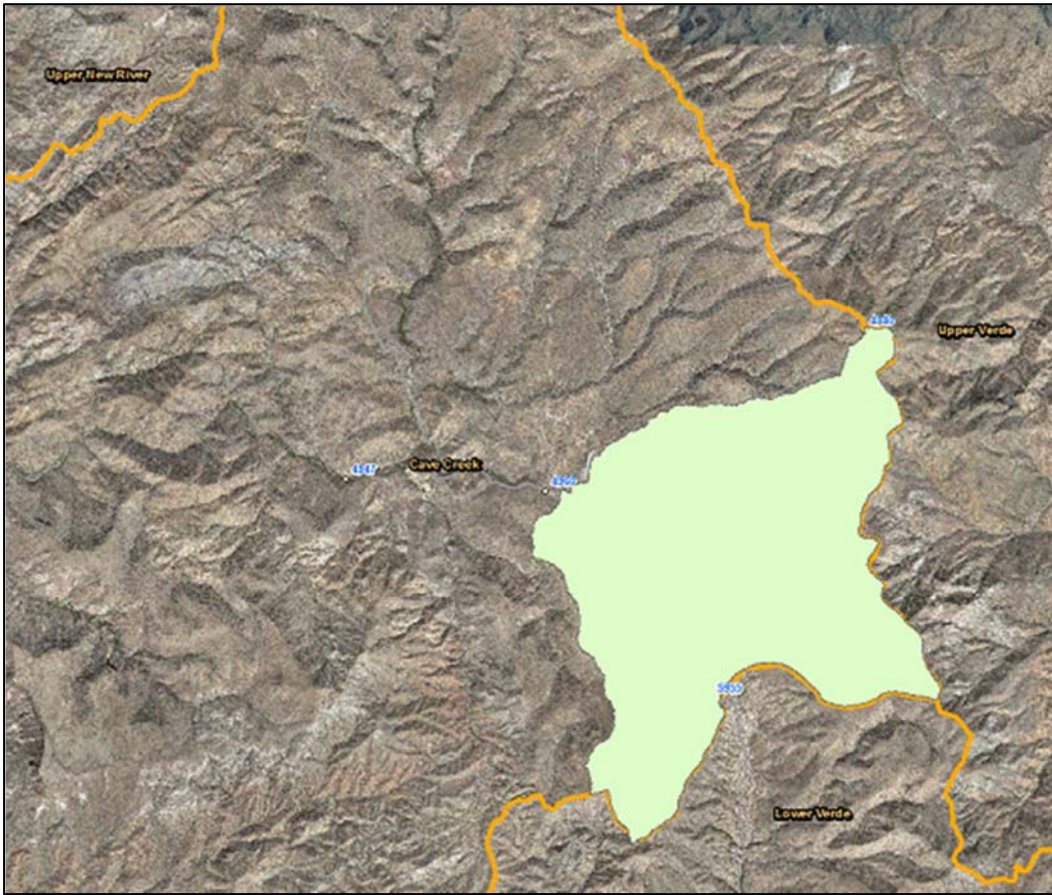
Seven Springs Wash, ID #4963



Site Data

LOCATION	On Seven Springs Road near Forest Road 254
DRAINAGE AREA	7.9 mi ²
STREAM TYPE	Natural Stream
JURISDICTION	Maricopa County
WATERSHED	Cave Creek
SECTION/TOWNSHIP/RANGE	S09 T7N R5E
LATITUDE	N 33° 57' 37.3" +33.96035
LONGITUDE	W 111° 50' 37.0" -111.84361
STREAMGAGE INSTALLATION DATE	03/12/2002 - WY 2002
AVAILABLE PERIOD OF RECORD (POR)	03/12/2002 - Current
LENGTH OF AVAILABLE POR DATA	15.56 Years 5,682 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	1.10 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	3,481.32 feet NAVD 1988
POINT OF ZERO FLOW	-0.5 feet Gage Height
EXTREME FOR PERIOD OF RECORD	11,700 cfs 10.68 feet 09/03/2005

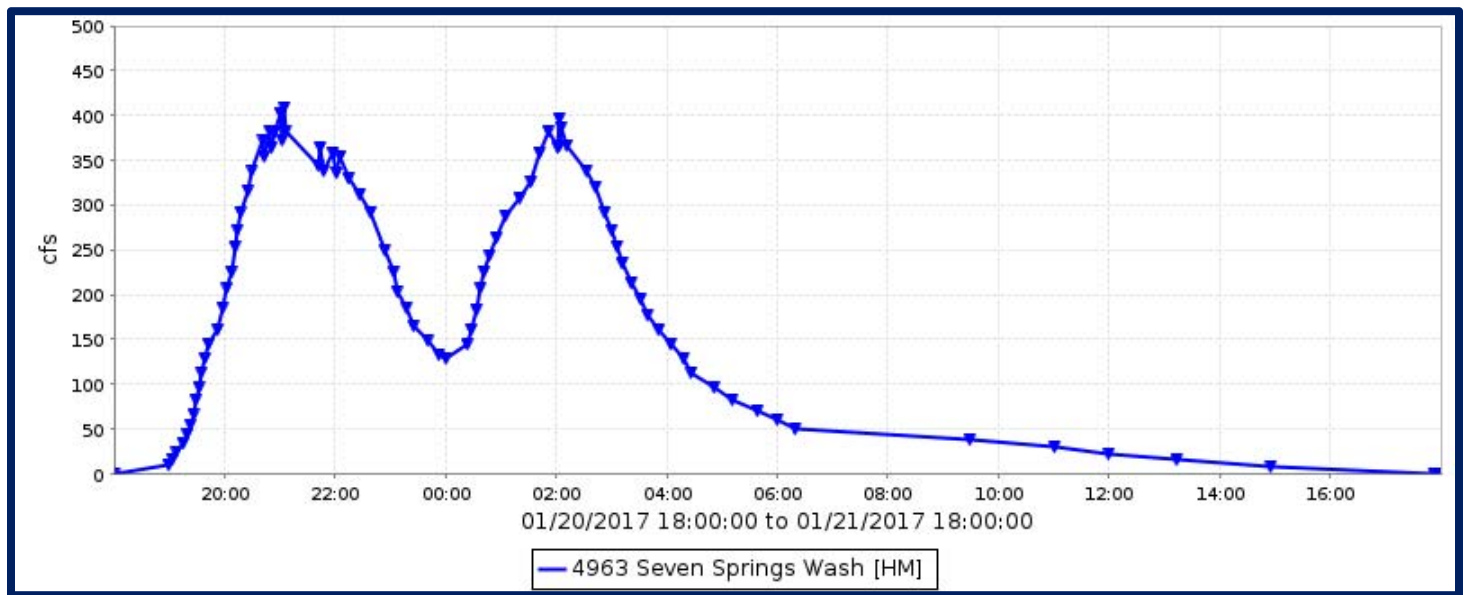
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
12/26/2016	2.50	149
01/01/2017	2.00	76
01/20/2017	3.89	409
02/19/2017	2.42	136
02/28/2017	3.82	392
08/01/2017	1.70	42
08/14/2017	1.75	47

Hydrograph of peak WY 2017 flow event, 01/20/2017



Flood Flow Frequency

Flood Flow Frequency N=16, HEC-WRC computation (based on 16 years of data)					
2-year	5-year	10-year	20-year	50-year	100-year
271	1,580	3,910	8,160	18,500	31,800

NOTE: These results are based on very limited data.

Seven Springs Wash, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				10							1	
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14											1	
15												
16												
17												
18												
19					39							
20				52								
21				67								
22												
23												
24												
25												
26			12									
27					10							
28					97							
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	12	129	146	0	0	0	0	0	2	0
MEAN	0	0	0	4	5	0	0	0	0	0	0	0
MAX	0	0	149	409	392	0	0	0	0	0	47	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	24	256	290	0	0	0	0	0	3	0
WTR YR 2017	TOTAL		289	MEAN		1	MAX	409	MIN	0	AC_FT	574

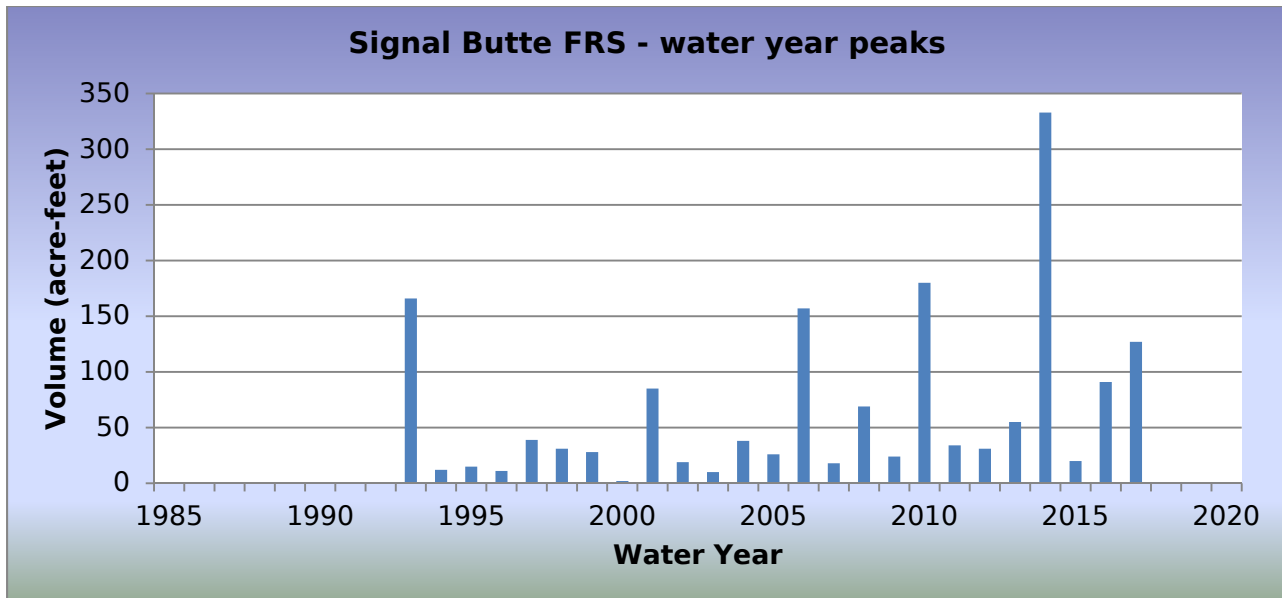
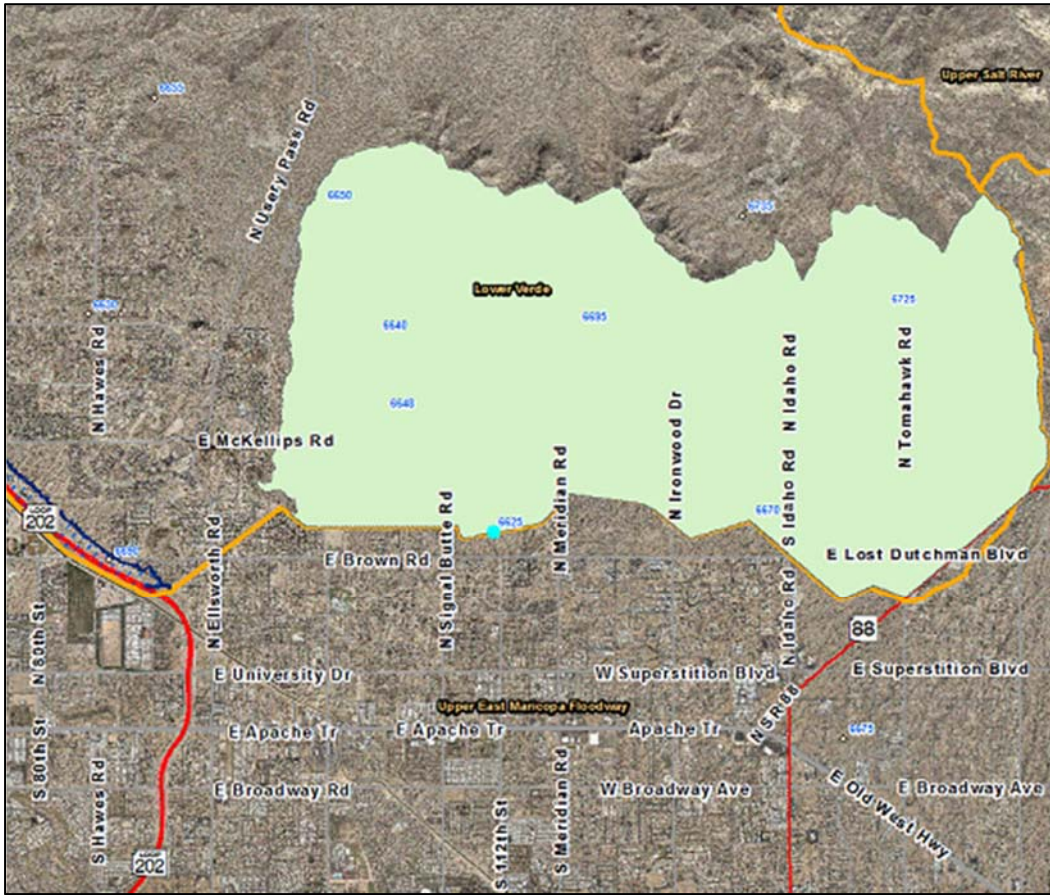
Signal Butte FRS, ID #6628



Site Data

LOCATION	Located north of Brown Road between Meridian and Signal Butte Roads
DRAINAGE AREA	16.4 mi ²
STREAM TYPE	Dam of natural drainage
JURISDICTION	Mesa, Arizona
WATERSHED	Lower Verde
SECTION/TOWNSHIP/RANGE	S12 T1N R7E
LATITUDE	N 33° 26' 24.2" +33.44005
LONGITUDE	W 111° 35' 25.1" -111.59031
STREAMGAGE INSTALLATION DATE	11/10/1987 - WY 1988
AVAILABLE PERIOD OF RECORD (POR)	11/10/1987 - Current
LENGTH OF AVAILABLE POR DATA	29.89 Years 10,918 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	-0.25 feet Gage Height
STAFF GAGES	8
ZERO GAGE HEIGHT ELEVATION	1,687.39 feet NAVD 1988
POINT OF ZERO FLOW (GATED OUTLET)	0.0 feet Gage Height
POINT OF ZERO FLOW (UNGATED OUTLET)	15.4 feet Gage Height
SPILLWAY ELEVATION	26.9 feet Gage Height
TOP OF DAM ELEVATION	37.0 feet Gage Height

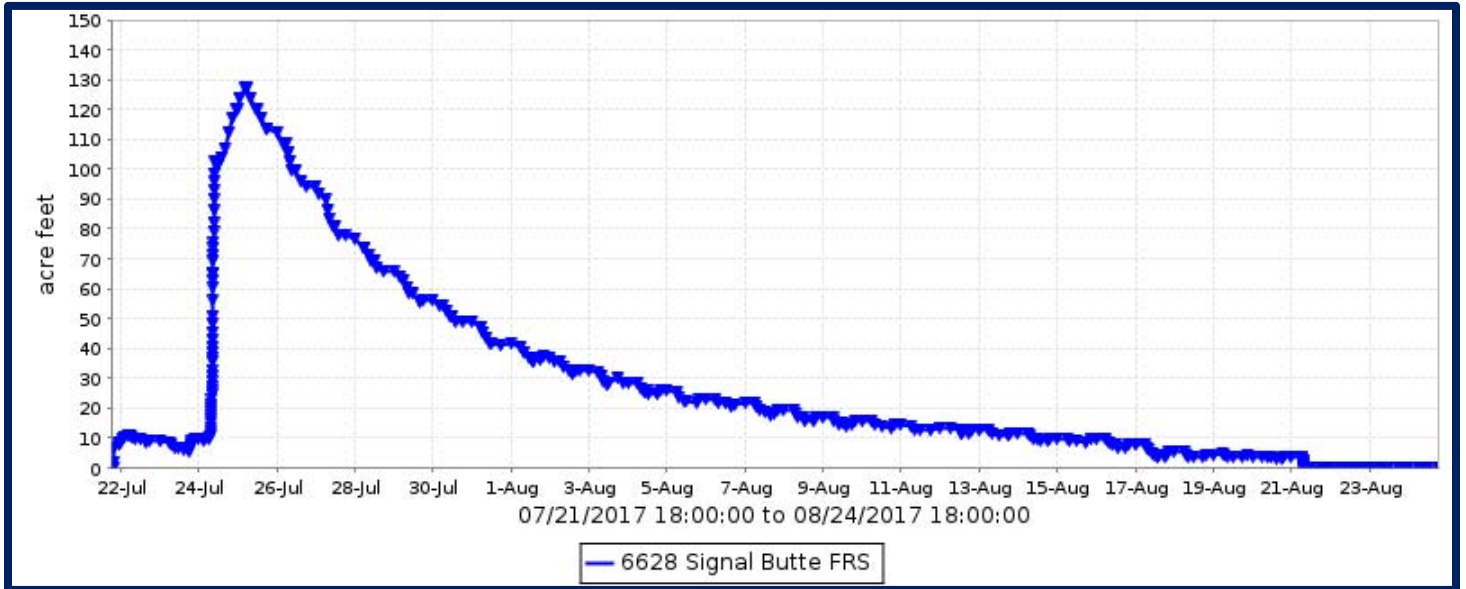
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
01/20/2017	2.74	6.0	0.4
07/25/2017	9.15	127.0	7.7
09/09/2017	3.13	9.0	0.5

Hydrograph of peak WY 2017 impoundment event, 07/25/2017



Signal Butte FRS, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values														
	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		---			---		---		---			---			
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 2017	TOTAL		0	MEAN		0	MAX		0	MIN		0	AC_FT		0

Signal Butte FRS, volume data

Volume, in acre-feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1											38	
2											34	
3											30	
4											26	
5											24	
6											22	
7											20	
8											17	1
9											15	8
10											15	6
11											13	4
12											13	4
13											12	3
14											10	
15											9	
16											8	
17											6	
18											4	
19											4	
20				1							4	
21				4						1	1	
22				3						9		
23				1						8		
24										72		
25										120		
26										101		
27										83		
28										70		
29					---					60		
30					---					52		
31		---			---		---		---	44		---
MEAN	0	0	0	0	0	0	0	0	0	20	10	1
MAX	0	0	0	6	0	0	0	0	0	127	40	9
MIN	0	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2017	MEAN		3	MAX	127	MIN	0					

Signal Butte FRS, stage data

Depth, in feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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	5.6	-0.2
2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	5.3	-0.2
3	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	5.0	-0.2
4	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	4.7	-0.2
5	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	4.5	-0.2
6	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	4.4	-0.2
7	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	4.2	-0.2
8	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	4.0	0.2
9	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	3.8	3.0
10	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	3.7	2.8
11	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	3.6	2.6
12	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	3.5	2.4
13	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	3.4	2.2
14	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	3.3	0.1
15	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	3.2	-0.2
16	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	3.0	-0.2
17	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	2.7	-0.2
18	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	2.5	-0.2
19	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	2.5	-0.2
20	-0.2	-0.2	-0.2	0.0	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	2.4	-0.2
21	-0.2	-0.2	-0.2	2.5	-0.2	-0.2	-0.2	-0.2	-0.2	0.3	0.7	-0.2
22	-0.2	-0.2	-0.2	2.3	-0.2	-0.2	-0.2	-0.2	-0.2	3.2	-0.1	-0.2
23	-0.2	-0.2	-0.2	0.7	-0.2	-0.2	-0.2	-0.2	-0.2	3.0	-0.1	-0.2
24	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	6.7	-0.2	-0.2
25	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	8.9	-0.2	-0.2
26	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	8.4	-0.2	-0.2
27	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	7.7	-0.2	-0.2
28	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	7.2	-0.2	-0.2
29	-0.2	-0.2	-0.2	-0.2	---	-0.2	-0.2	-0.2	-0.2	6.7	-0.2	-0.2
30	-0.2	-0.2	-0.2	-0.2	---	-0.2	-0.2	-0.2	-0.2	6.3	-0.2	-0.2
31	-0.2	---	-0.2	-0.2	---	-0.2	---	-0.2	---	5.9	-0.2	---
MEAN	-0.2	-0.2	-0.2	-0.0	-0.2	-0.2	-0.2	-0.2	-0.2	1.9	2.4	0.3
MAX	-0.2	-0.2	-0.2	2.7	-0.2	-0.2	-0.2	-0.2	-0.2	9.2	5.7	3.1
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 2017	MEAN	0.22	MAX	9.15	MIN	-0.25						

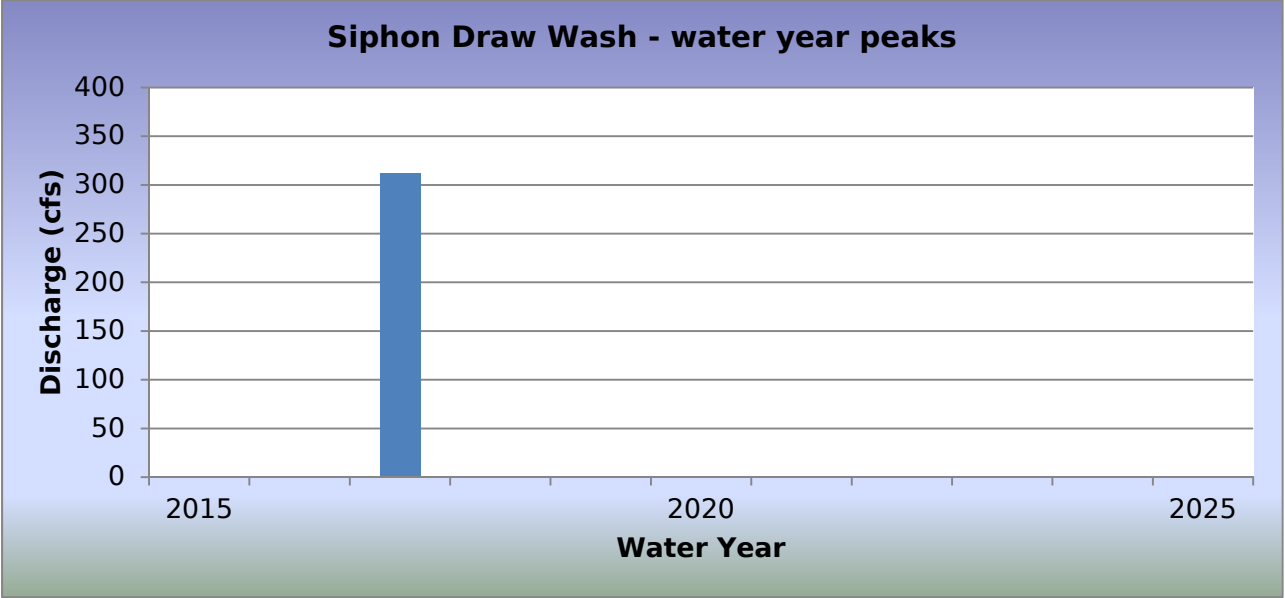
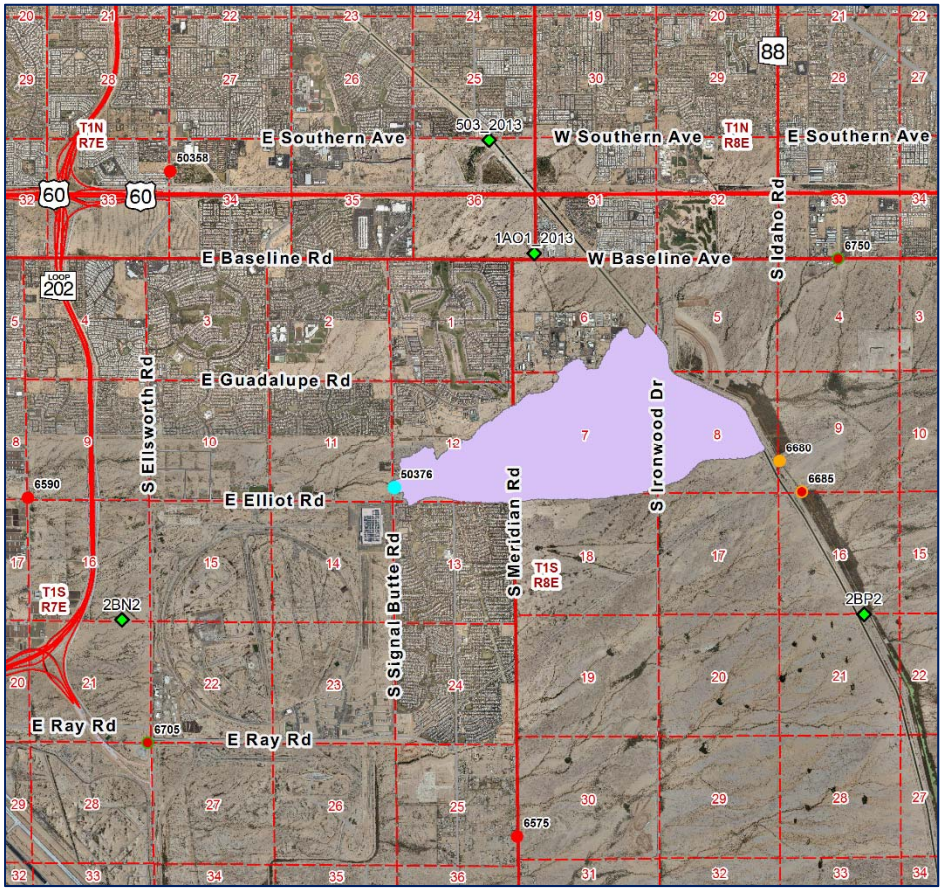
Siphon Draw Wash at Signal Butte Road, ID #37607



Site Data

LOCATION	Located north of Elliot Road on Signal Butte Road
DRAINAGE AREA	2.37 mi ²
STREAM TYPE	Natural Stream at a Culvert
JURISDICTION	Mesa, Arizona
WATERSHED	Upper East Maricopa Floodway
SECTION/TOWNSHIP/RANGE	S12 T1S R7E
LATITUDE	N 33° 21' 06.1" +33.35169
LONGITUDE	W 111° 36' 03.2" -111.60090
STREAMGAGE INSTALLATION DATE	12/22/2016 - WY 2017
AVAILABLE PERIOD OF RECORD (POR)	12/22/2016 - Current
LENGTH OF AVAILABLE POR DATA	0.77 Years 283 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.65 feet Gage Height
STAFF GAGES	None
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	1,460.50 feet NAVD88
POINT OF ZERO FLOW	0.1 feet Gage Height
EXTREME FOR PERIOD OF RECORD	312 cfs 4.46 feet Gage Height 07/24/2016

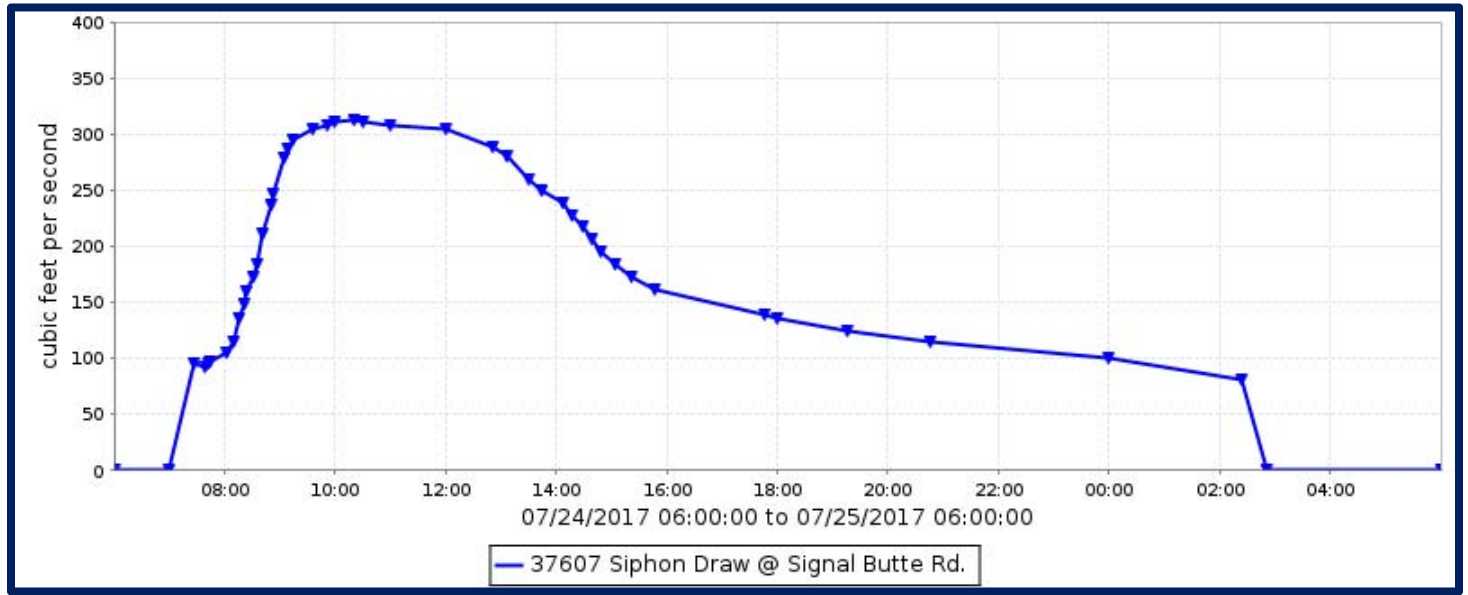
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
01/21/2017	0.99	19
07/24/2017	4.46	312

Hydrograph of peak WY 2017 flow event, 07/24/2017



Flood Flow Frequency

There is not enough data to compute a flood flow frequency for this gage station.

Siphon Draw Wash at Signal Butte Road, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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	---	---	---	5								
22	---	---	---									
23	---	---	---									
24	---	---	---							131		
25	---	---	---							11		
26	---	---	---									
27	---	---	---									
28	---	---	---									
29	---	---	---				---					
30	---	---	---				---					
31	---	---	---				---		---			---
TOTAL	---	---	0	5	0	0	0	0	0	142	0	0
MEAN	---	---	0	0	0	0	0	0	0	5	0	0
MAX	---	---	0	19	0	0	0	0	0	312	0	0
MIN	---	---	0	0	0	0	0	0	0	0	0	0
AC_FT	---	---	0	10	0	0	0	0	0	282	0	0
WTR YR 2017	TOTAL	147	MEAN	0	MAX	312	MIN	0	AC_FT	292		

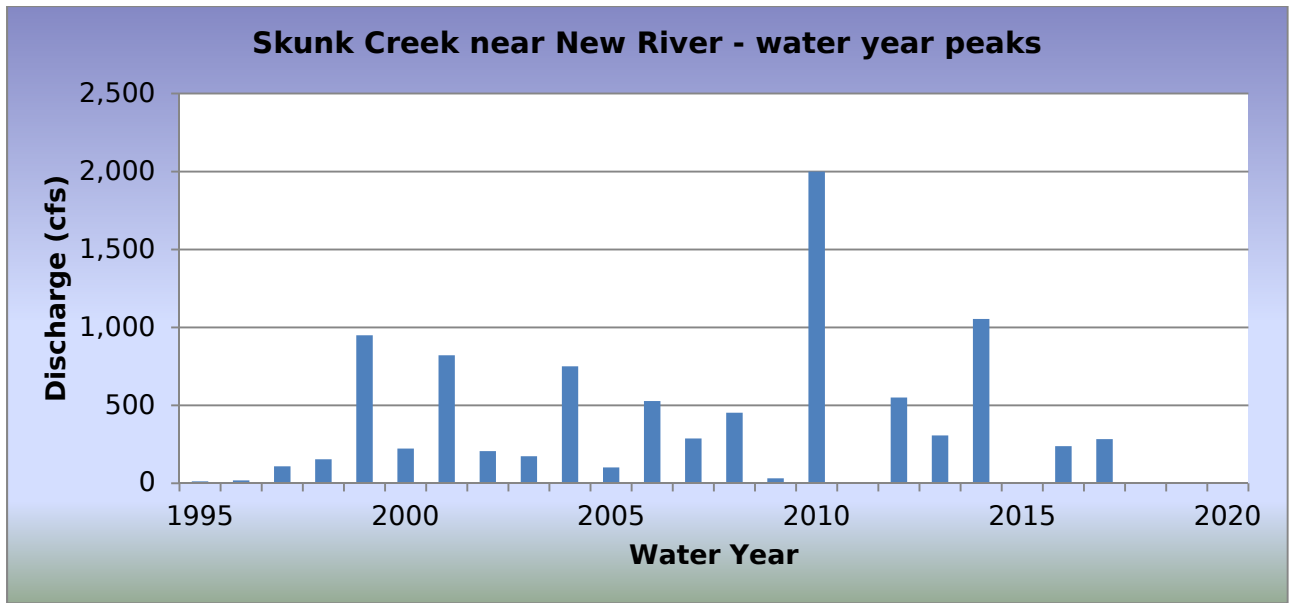
Skunk Creek near New River, ID #5588



Site Data

LOCATION	Located south of the Fig Spring Road crossing of Skunk Creek
DRAINAGE AREA	4 mi ²
STREAM TYPE	Natural Stream
JURISDICTION	Maricopa County, Arizona
WATERSHED	Skunk Creek
SECTION/TOWNSHIP/RANGE	S29 T7N R3E
LATITUDE	N 33° 55' 34.3" +33.92619
LONGITUDE	W 112° 04' 57.7" -112.08268
STREAMGAGE INSTALLATION DATE	06/21/1995 - WY 1995
AVAILABLE PERIOD OF RECORD (POR)	06/21/1995 - Current
LENGTH OF AVAILABLE POR DATA	22.28 Years 8,138 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	1.14 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	2,188.04 feet NAVD 1988
POINT OF ZERO FLOW	0.1 feet Gage Height
EXTREME FOR PERIOD OF RECORD	2,000 cfs 4.29 feet 01/21/2010

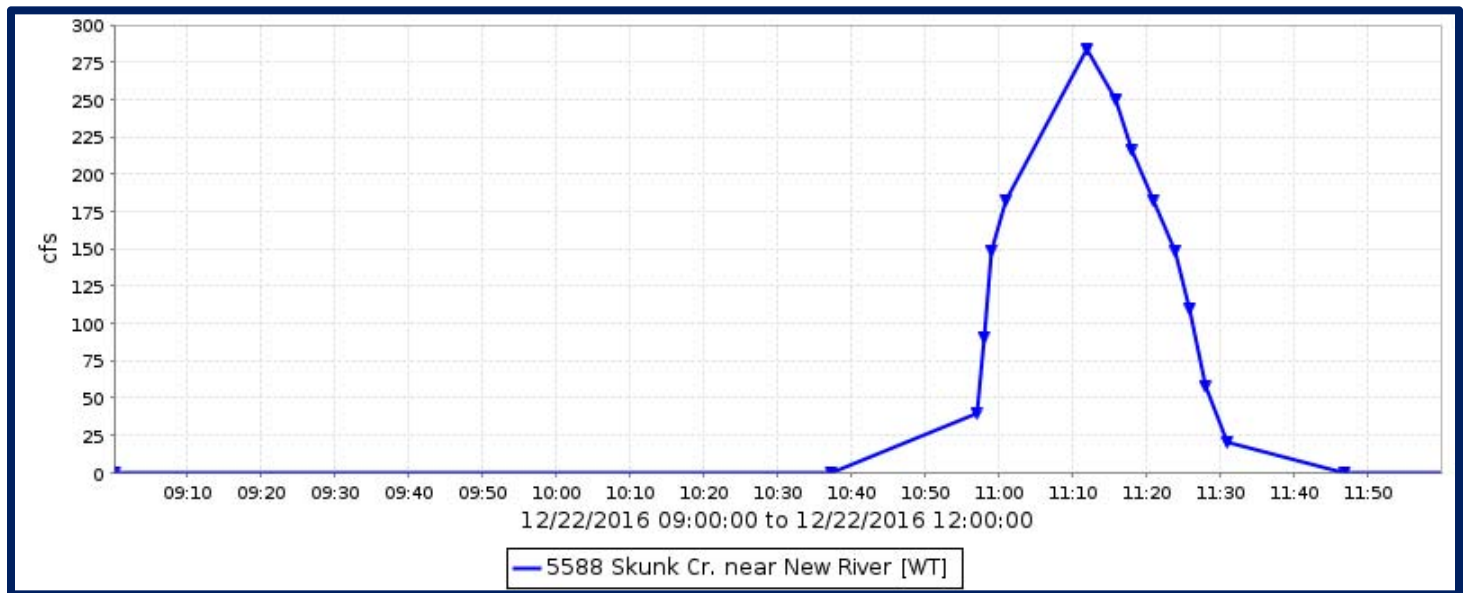
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
12/22/2016	2.05	283
01/01/2017	1.45	78
02/28/2017	1.40	58

Hydrograph of peak WY 2017 flow event, 12/22/2016



Flood Flow Frequency

Flood Flow Frequency N=23, HEC-WRC computation (based on 23 years of data)					
2-year	5-year	10-year	20-year	50-year	100-year
207	716	1,270	1,970	3,090	4,090

NOTE(1): These results are based on very limited data.

Flood Flow Frequency FEMA					
2-year	5-year	10-year	20-year	50-year	100-year
		1,730		2,500	3,650

Skunk Creek near New River, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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			4									
23												
24												
25												
26												
27												
28					3							
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	4	1	3	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	283	78	58	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	9	3	5	0	0	0	0	0	0	0
WTR YR 2017	TOTAL		9	MEAN	0	MAX	283	MIN	0	AC_FT		17

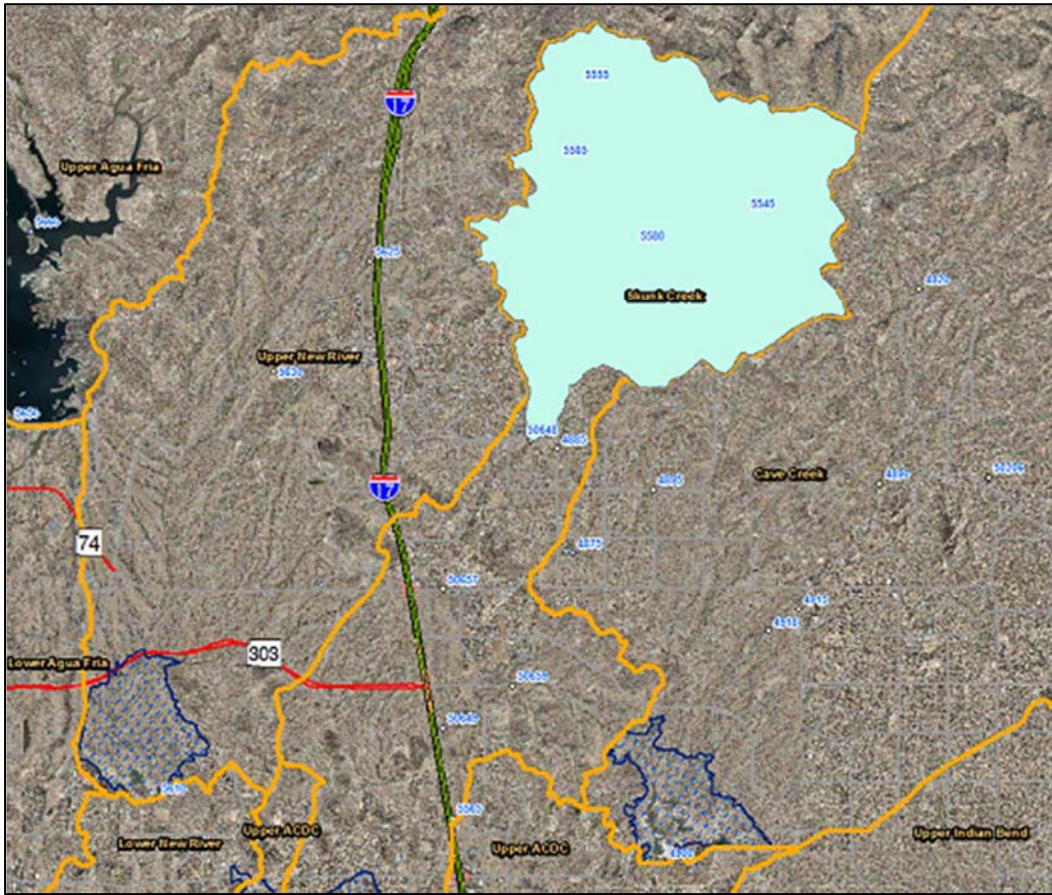
Skunk Creek at Desert Hills Drive, ID #64807



Site Data

LOCATION	Located at approximately 15th Avenue and Desert Hills Drive
DRAINAGE AREA	40.8 mi ²
STREAM TYPE	Natural Stream
JURISDICTION	Anthem, Arizona
WATERSHED	Skunk Creek
SECTION/TOWNSHIP/RANGE	S19 T6N R3E
LATITUDE	N 33° 50' 34.2" +33.84283
LONGITUDE	W 112° 05' 31.9" -112.09221
STREAMGAGE INSTALLATION DATE	07/23/2015 - WY 2015
AVAILABLE PERIOD OF RECORD (POR)	07/23/2015 - Current
LENGTH OF AVAILABLE POR DATA	2.19 Years 801 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	1.02 feet Gage Height
STAFF GAGES	None
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	0.00 feet Gage Height
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	1,593 cfs 3.88 feet GH 10/20/2015

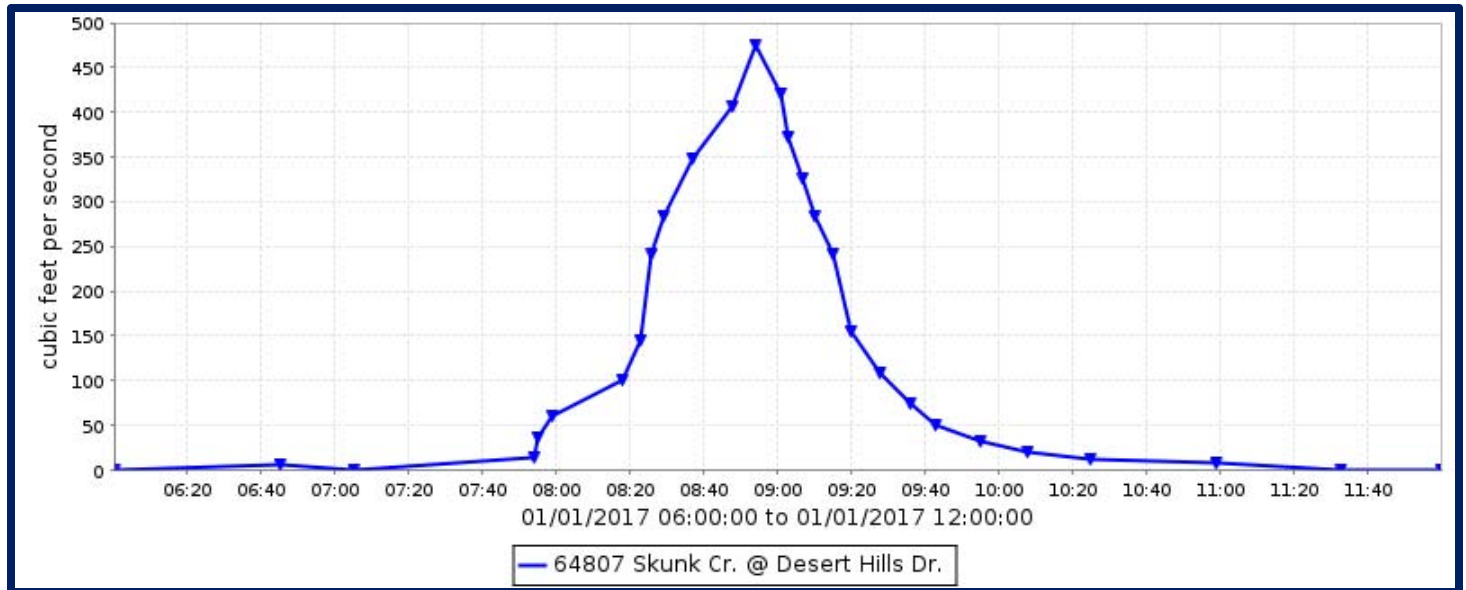
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
12/22/2016	2.36	406
01/01/2017	2.49	476
02/28/2017	1.99	241
08/03/2017	1.29	14

Hydrograph of peak WY 2017 flow event, 01/01/2017



Flood Flow Frequency

There is not enough data to compute a flood flow frequency for this gage station.

Skunk Creek at Desert Hills Drive, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values												
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1				18									
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20				2									
21				5									
22			26										
23													
24													
25													
26													
27													
28					28								
29					---								
30					---								
31		---			---		---		---			---	
TOTAL	0	0	26	25	28	0	0	0	0	0	0	0	
MEAN	0	0	1	1	1	0	0	0	0	0	0	0	
MAX	0	0	406	476	241	0	0	0	0	0	14	0	
MIN	0	0	0	0	0	0	0	0	0	0	0	0	
AC_FT	0	0	52	49	55	0	0	0	0	0	1	0	
WTR YR 2017	TOTAL		79	MEAN		0	MAX	476	MIN		0	AC_FT	157

Skunk Creek at Carefree Highway, ID #65707



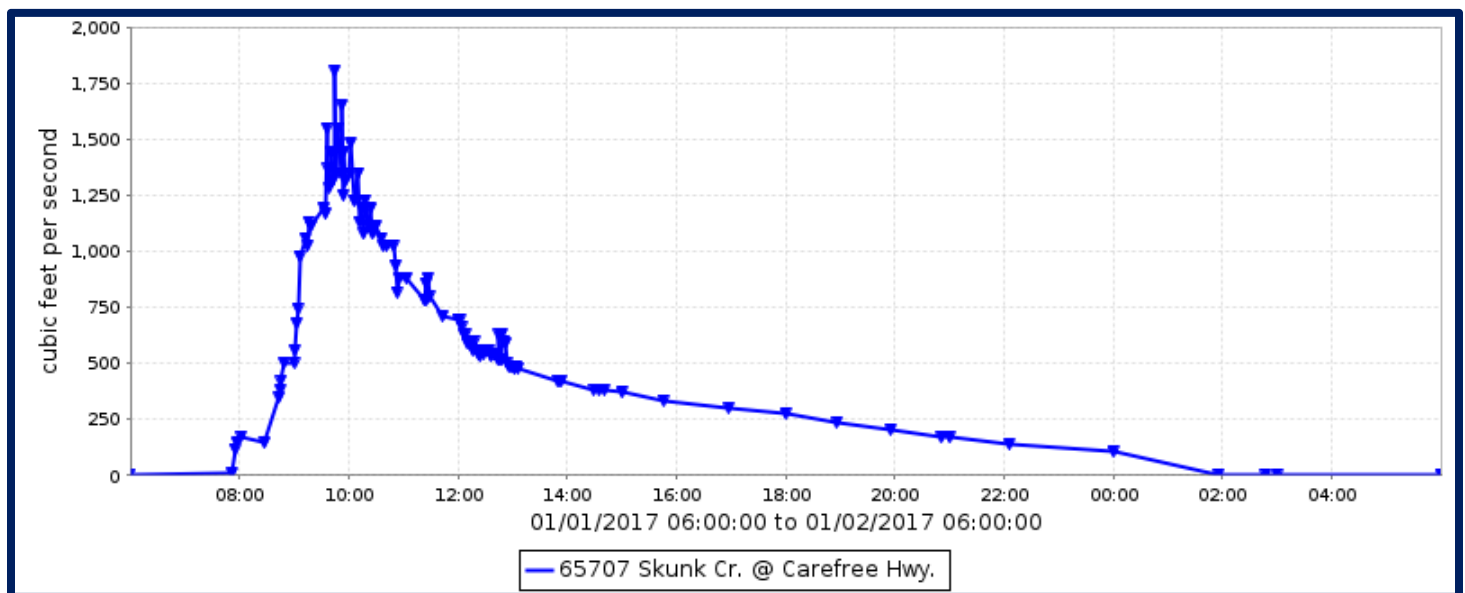
Site Data

LOCATION	Located on the westbound Carefree Highway bridge about 1/4 mile east of I-17
DRAINAGE AREA	48.8 mi ²
STREAM TYPE	Natural Stream
JURISDICTION	Phoenix, Arizona
WATERSHED	Skunk Creek
SECTION/TOWNSHIP/RANGE	S02 T5N R2E
LATITUDE	N 33° 47' 54.6" +33.79849
LONGITUDE	W 112° 07' 23.1" -112.12309
STREAMGAGE INSTALLATION DATE	08/19/2015 - WY 2015
AVAILABLE PERIOD OF RECORD (POR)	08/19/2015 - Current
LENGTH OF AVAILABLE POR DATA	2.12 Years 774 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	1.49 feet Gage Height
STAFF GAGES	None
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	1,672.86 feet NAVD88
POINT OF ZERO FLOW	0.2 feet Gage Height
EXTREME FOR PERIOD OF RECORD	1,803 cfs 4.17 feet GH 01/01/2017

WY2017 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
12/22/2016	3.77	1,246
12/24/2016	2.38	310
01/01/2017	4.17	1,803
01/21/2017	3.20	728
02/28/2017	3.70	1,164
07/31/2017	2.43	326
08/03/2017	2.33	292

Hydrograph of peak WY 2017 flow event, 01/01/2017



Flood Flow Frequency

There is not enough data to compute a flood flow frequency for this gage station.

Skunk Creek at Carefree Highway, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				287		11					6	
2				8								
3											15	
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20				16								
21				268								
22			250									
23			1									
24			60									
25			50									
26												
27												
28					337							
29					---							
30					---							
31		---			---		---		---	28		---
TOTAL	0	0	361	579	337	11	0	0	0	28	21	0
MEAN	0	0	12	19	12	0	0	0	0	1	1	0
MAX	0	0	1246	1803	1164	109	0	0	0	326	292	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	716	1149	669	23	0	0	0	56	42	0
WTR YR 2017	TOTAL		1338	MEAN		4	MAX	1803	MIN	0	AC_FT	2654

NOTE: Gage failed to record the event of October 20, 2015, which was the largest of the water year.

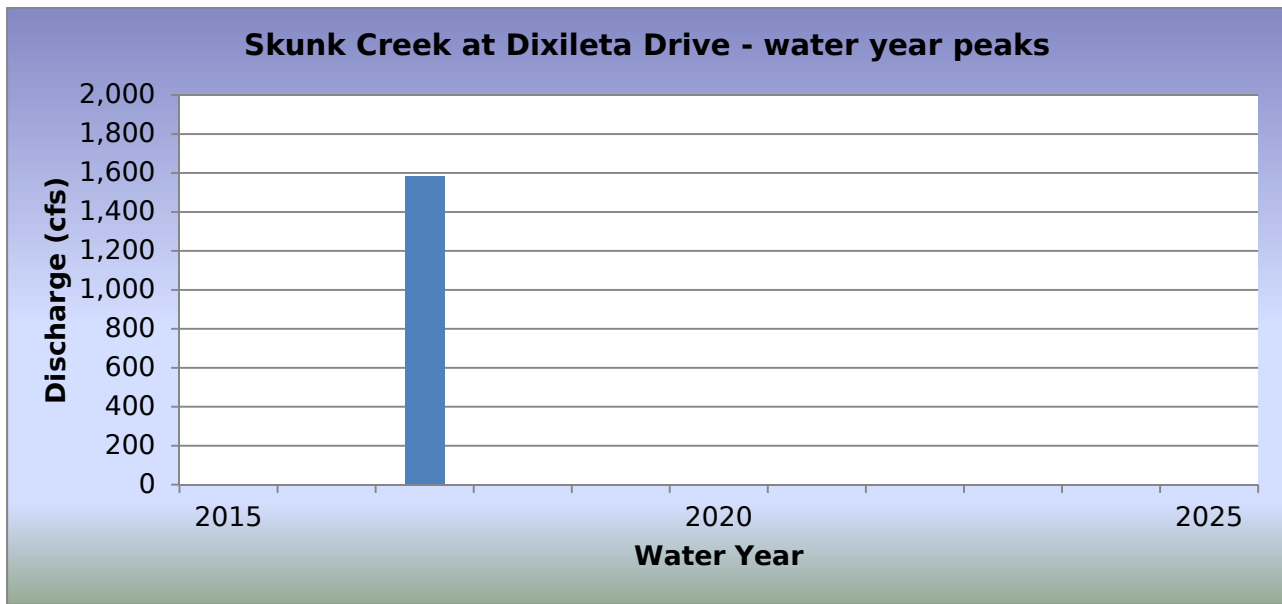
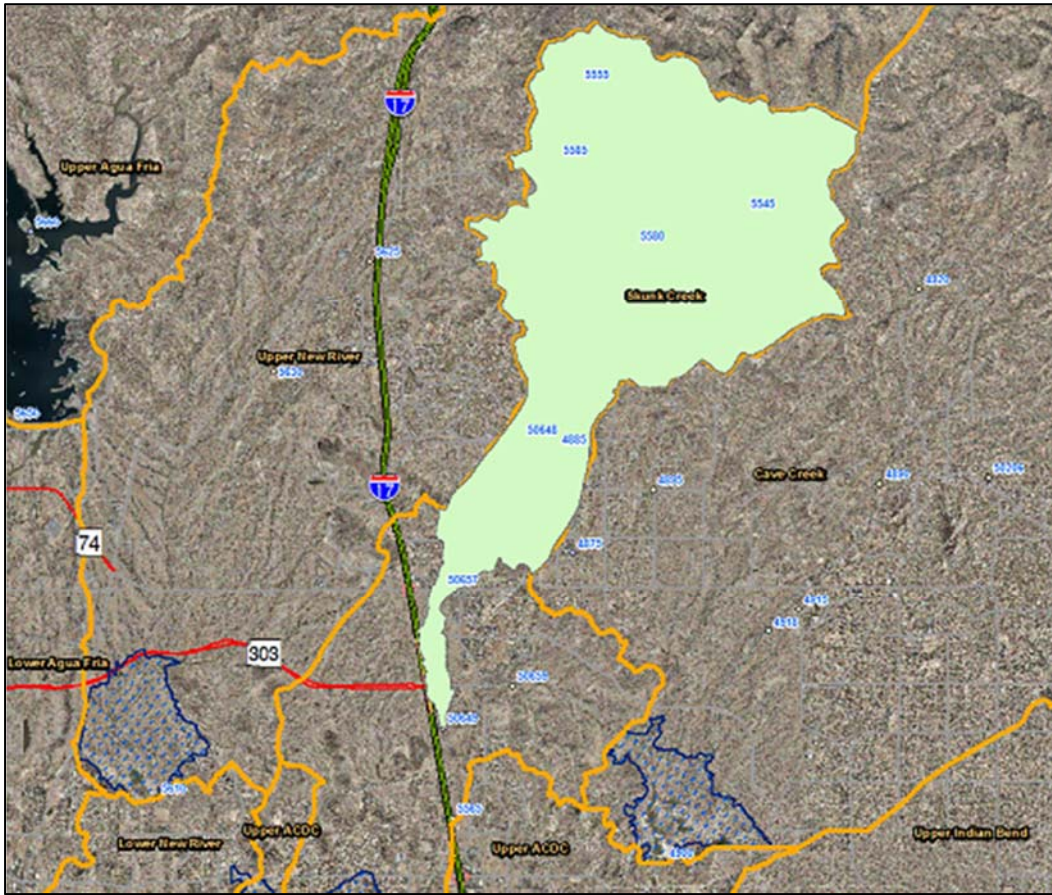
Skunk Creek at Dixileta Drive, ID #64907



Site Data

LOCATION	Located on Dixileta Drive about 1/4 mile east of I-17
DRAINAGE AREA	50 mi ²
STREAM TYPE	Natural Stream
JURISDICTION	Phoenix, Arizona
WATERSHED	Skunk Creek
SECTION/TOWNSHIP/RANGE	S23 T5N R2E
LATITUDE	N 33° 45' 24.3" +33.75676
LONGITUDE	W 112° 07' 20.0" -112.12222
STREAMGAGE INSTALLATION DATE	01/11/2016 - WY 2016
AVAILABLE PERIOD OF RECORD (POR)	01/11/2016 - Current
LENGTH OF AVAILABLE POR DATA	1.72 Years 629 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	2.20 feet Gage Height
STAFF GAGES	None
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	1,543.52 feet NAVD88
POINT OF ZERO FLOW	1.2 feet Gage Height
EXTREME FOR PERIOD OF RECORD	1,585 cfs 4.25 feet GH 01/01/2017

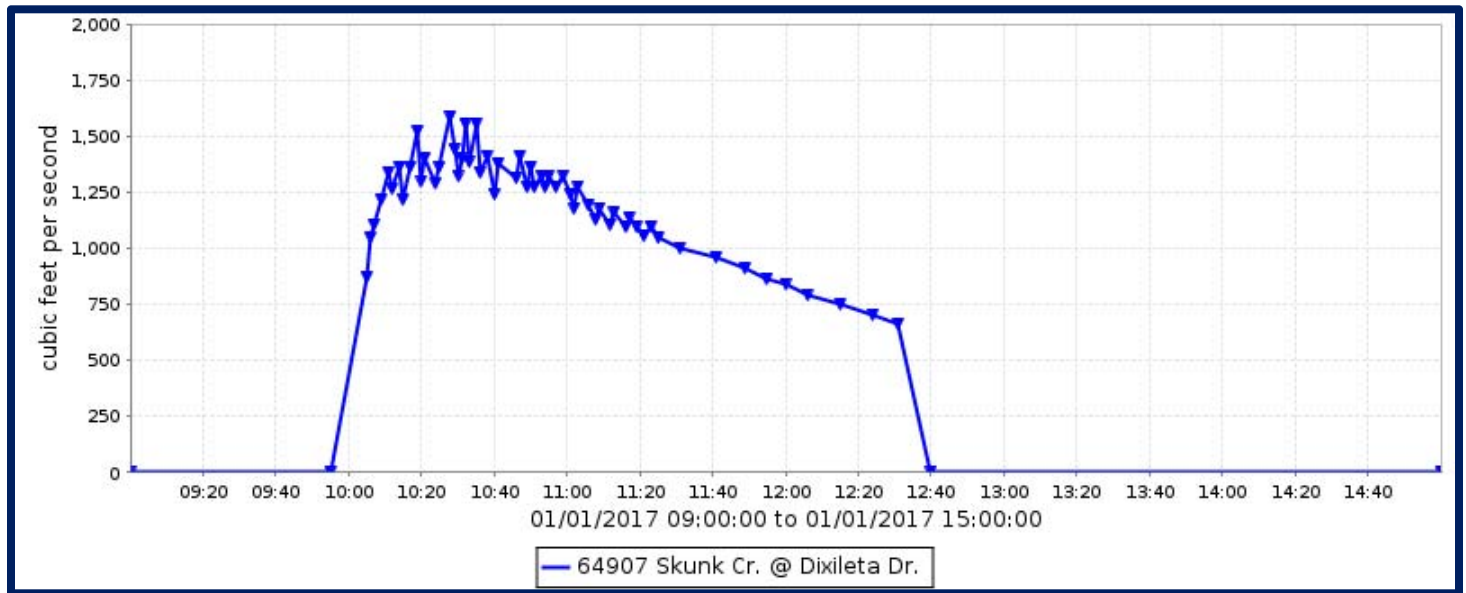
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
12/22/2016	3.55	1,200
01/01/2017	4.25	1,585
02/28/2017	3.08	1,000

Hydrograph of peak WY 2017 flow event, 01/01/2017



Flood Flow Frequency

There is not enough data to compute a flood flow frequency for this gage station.

Skunk Creek at Dixileta Drive, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				115								
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22			89									
23												
24												
25												
26												
27												
28					119							
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	89	115	119	0	0	0	0	0	0	0
MEAN	0	0	3	4	4	0	0	0	0	0	0	0
MAX	0	0	1215	1585	1000	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	177	228	236	0	0	0	0	0	0	0
WTR YR 2017	TOTAL		323	MEAN	1	MAX	1585	MIN	0	AC_FT		641

Skunk Creek at I-17, ID #5568



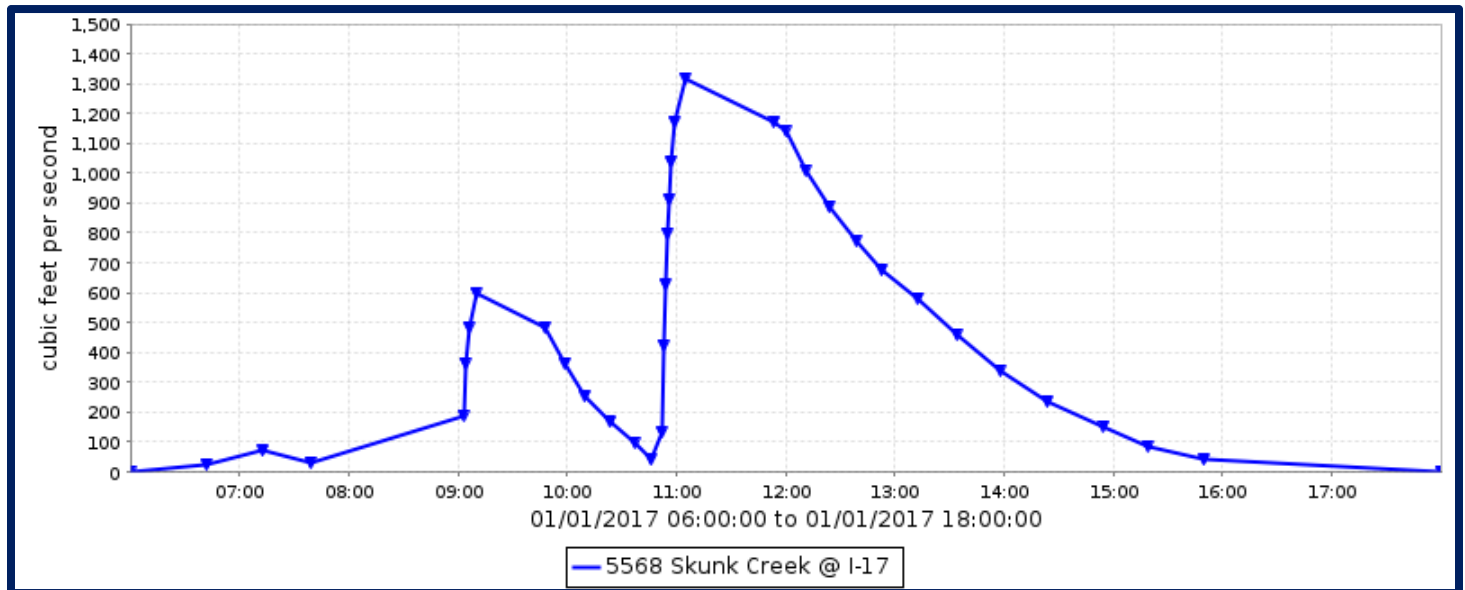
Site Data

LOCATION	Located south of Jomax Road on I-17
DRAINAGE AREA	64.7 mi ²
STREAM TYPE	Channelized Natural Stream
JURISDICTION	Phoenix, Arizona
WATERSHED	Skunk Creek
SECTION/TOWNSHIP/RANGE	S35 T5N R2E
LATITUDE	N 33° 43' 48.3" +33.73007
LONGITUDE	W 112° 07' 11.1" -112.11976
STREAMGAGE INSTALLATION DATE	10/26/1989 - WY 1990
AVAILABLE PERIOD OF RECORD (POR)	08/11/1990 - Current
LENGTH OF AVAILABLE POR DATA	27.14 Years 9,913 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	1.23 feet Gage Height
STAFF GAGES	2
CREST STAGE GAGES	4
ZERO GAGE HEIGHT ELEVATION	1,471.50 feet M.S.L.
POINT OF ZERO FLOW	1.0 feet gage height
EXTREME FOR PERIOD OF RECORD	13,900 cfs 6.80 feet 08/19/2014
EXTREME OUTSIDE PERIOD OF RECORD	11,500 cfs 10.48 feet 08/01/1964

WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
12/22/2016	2.33	911
01/01/2017	2.63	1,318
01/21/2017	1.71	233
02/28/2017	2.43	1,035

Hydrograph of peak WY 2017 flow event, 01/01/2017



Flood Flow Frequency

Flood Flow Frequency N=58, HEC-WRC computation (based on 58 years of data)					
2-year	5-year	10-year	20-year	50-year	100-year
880	3,680	7,050	11,500	19,100	25,900

NOTE(1): These results are based on available data.

Skunk Creek at I-17, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				170		32						
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21				20								
22			144									
23												
24												
25												
26												
27												
28					202							
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	144	189	202	32	0	0	0	0	0	0
MEAN	0	0	5	6	7	1	0	0	0	0	0	0
MAX	0	0	911	1318	1035	133	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	285	375	400	63	0	0	0	0	0	0
WTR YR 2017	TOTAL		566	MEAN	2	MAX	1318	MIN	0	AC_FT	1123	

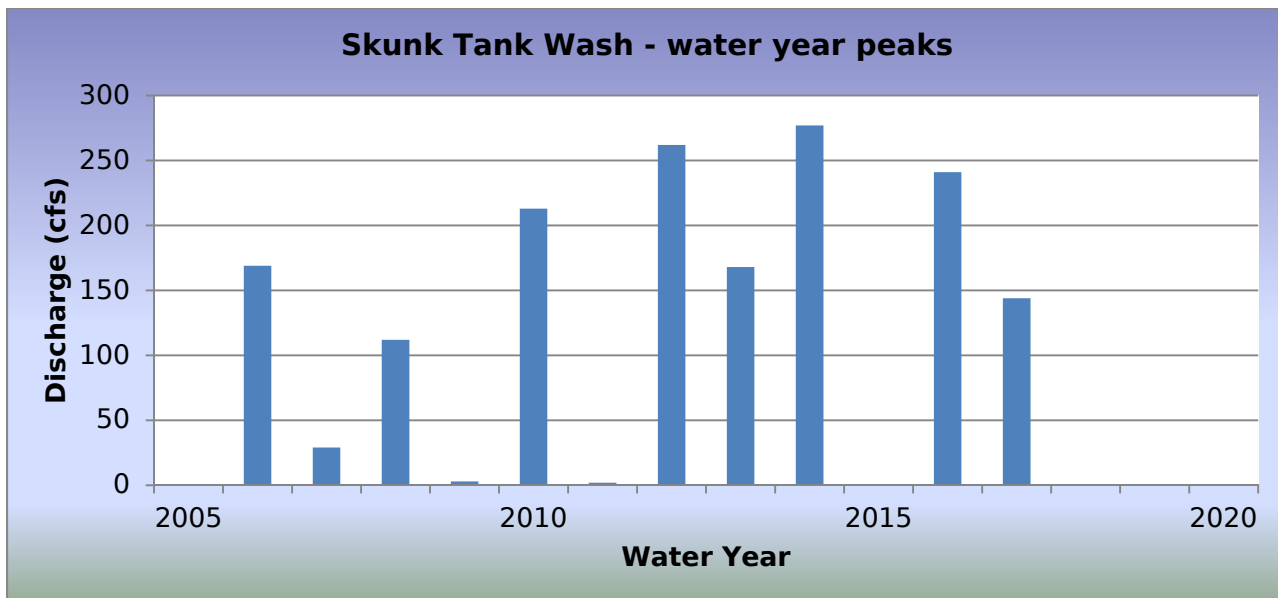
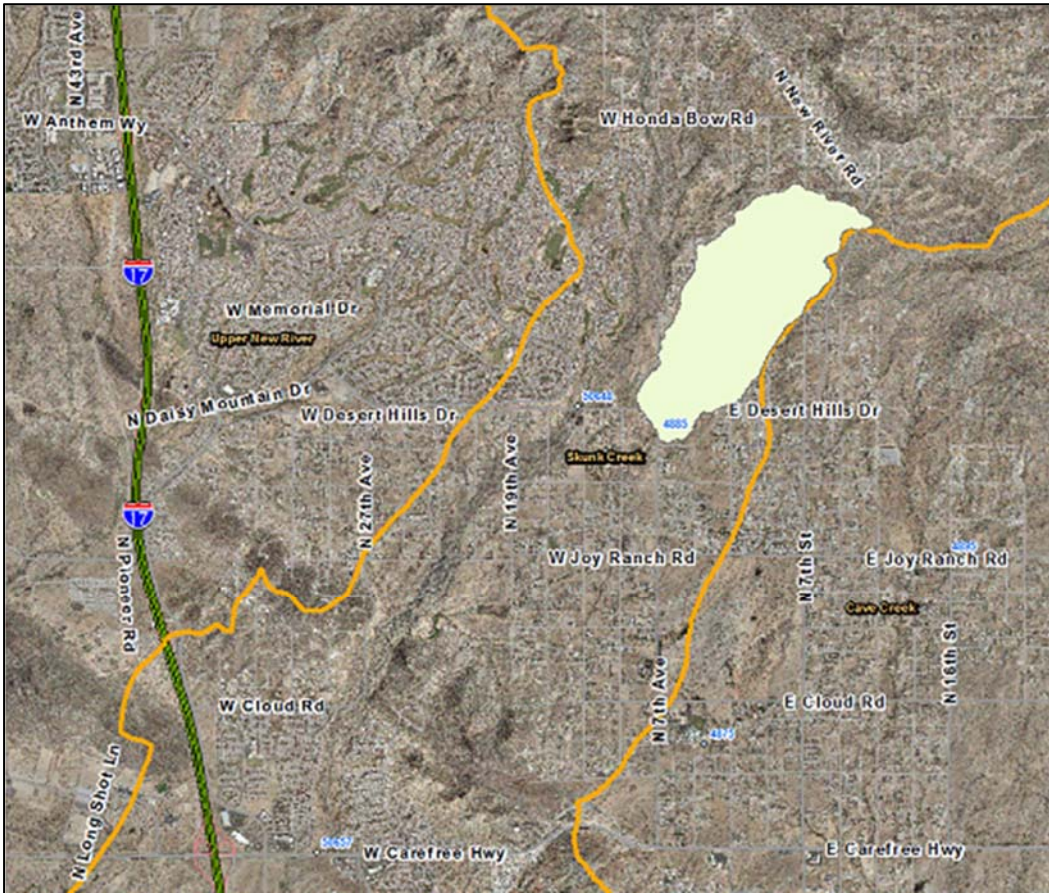
Skunk Tank Wash, ID #4888



Site Data

LOCATION	Located on 7th Avenue about 1/4 mile south of Desert Hills Drive
DRAINAGE AREA	1.5 mi ²
STREAM TYPE	Culvert on natural stream
JURISDICTION	Maricopa County, Arizona
WATERSHED	Skunk Creek
SECTION/TOWNSHIP/RANGE	S29 T6N R3E
LATITUDE	N 33° 50' 23.8" +33.83995
LONGITUDE	W 112° 04' 57.8" -112.08271
STREAMGAGE INSTALLATION DATE	03/02/2006 - WY 2006
AVAILABLE PERIOD OF RECORD (POR)	03/02/2006 - Current
LENGTH OF AVAILABLE POR DATA	11.58 Years 4,231 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.50 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	0.00 feet Gage Height
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	277 cfs 7.20 feet 08/19/2014

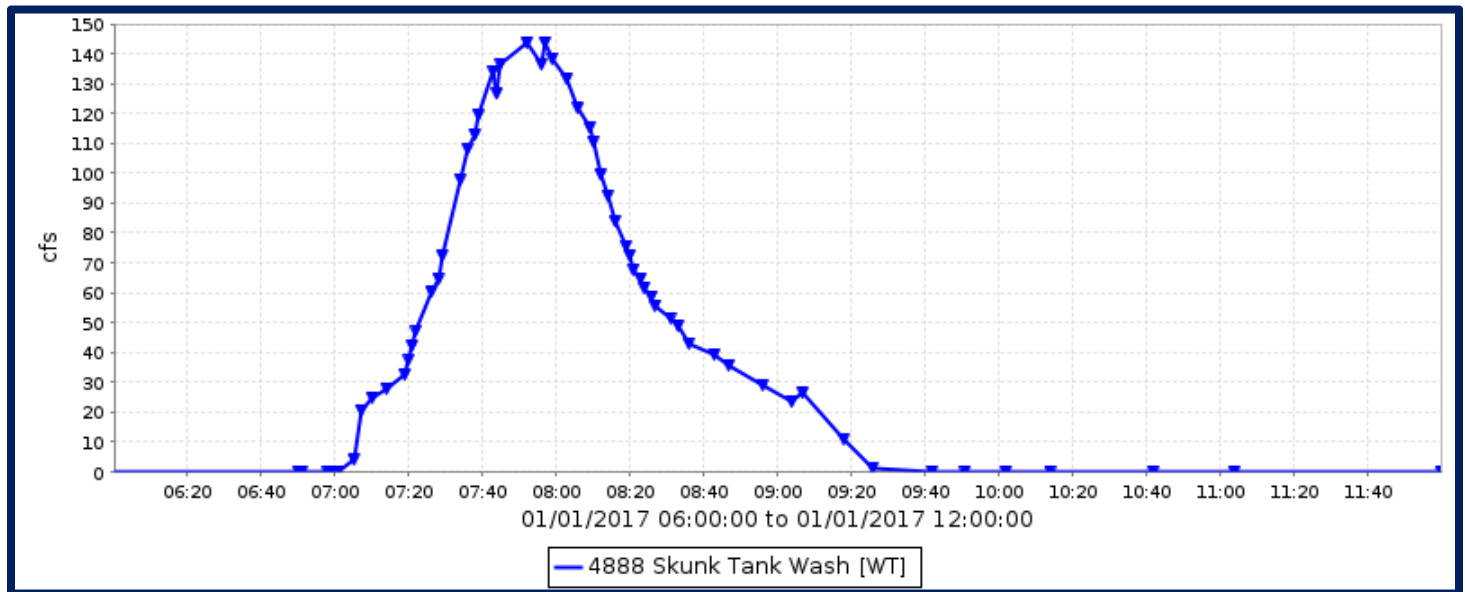
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
12/22/2016	1.42	21
12/22/2016	4.70	136
01/01/2017	4.84	144
01/20/2017	1.81	32
01/21/2017	2.84	63
07/31/2017	4.40	122

Hydrograph of peak WY 2017 flow event, 01/01/2017



Flood Flow Frequency

Flood Flow Frequency N=12, HEC-WRC computation (based on 12 years of data)					
2-year	5-year	10-year	20-year	50-year	100-year
63	297	616	1,080	1,940	2,790

Skunk Tank Wash, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values												
	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	2												
14													
15													
16													
17													
18													
19													
20				1									
21				1									
22			4										
23													
24													
25													
26													
27													
28													
29							---						
30							---						
31		---					---		---	1		---	
TOTAL	2	0	4	6	0	0	0	0	0	1	0	0	
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	
MAX	53	0	178	104	0	0	0	0	0	42	3	0	
MIN	0	0	0	0	0	0	0	0	0	0	0	0	
AC_FT	4	0	8	13	0	0	0	0	0	3	0	0	
WTR YR 2017	TOTAL		14	MEAN		0	MAX	178	MIN		0	AC_FT	28

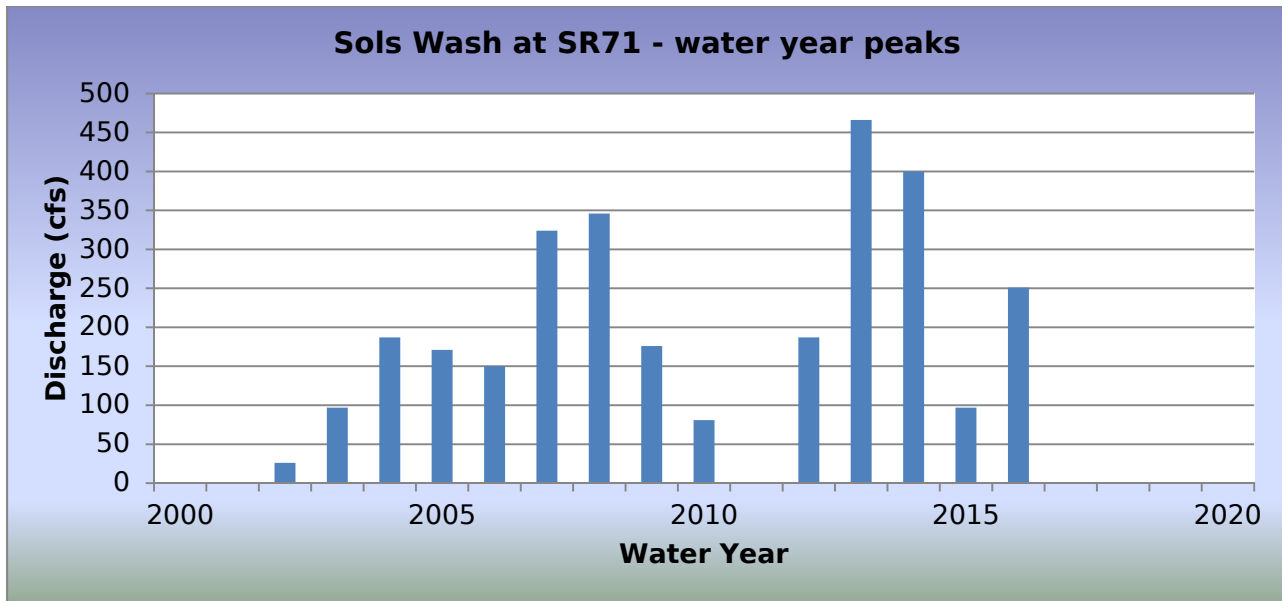
Sols Wash at SR71, ID #5276



Site Data

LOCATION	Located 1/2 mile west of US93 on SR71
DRAINAGE AREA	0.89 mi ²
STREAM TYPE	Natural Stream
JURISDICTION	Yavapai County, Arizona
WATERSHED	Lower Hassayampa
SECTION/TOWNSHIP/RANGE	S14 T9N R7W
LATITUDE	N 34° 07' 06.7" +34.11853
LONGITUDE	W 112° 57' 45.8" -112.96272
STREAMGAGE INSTALLATION DATE	09/12/2001 - WY 2001
AVAILABLE PERIOD OF RECORD (POR)	09/12/2001 - Current
LENGTH OF AVAILABLE POR DATA	16.05 Years 5,863 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.30 feet Gage Height
STAFF GAGES	1
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	2,735.91 feet M.S.L.
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	466 cfs 2.20 feet 09/10/2013

Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
None		

Hydrograph of peak WY 2017 flow event

No runoff recorded at this gage in Water Year 2017.

Flood Flow Frequency

Flood Flow Frequency N=16, HEC-WRC computation (based on 16 years of data)					
2-year	5-year	10-year	20-year	50-year	100-year
166	285	374	465	591	691

NOTE: These results are based on very limited data.

Sols Wash at SR71, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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		---			---		---		---			---
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	1	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	1	0	0	0	0	0	0	0	0
WTR YR 2017	TOTAL		0	MEAN	0	MAX	1	MIN	0	AC_FT		1

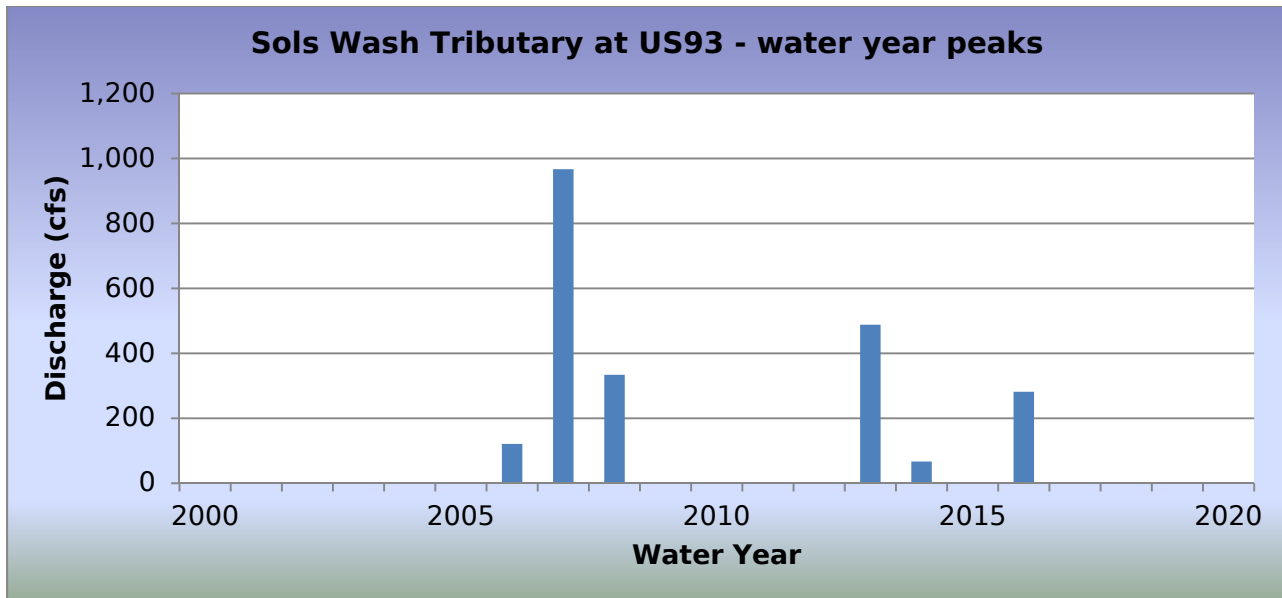
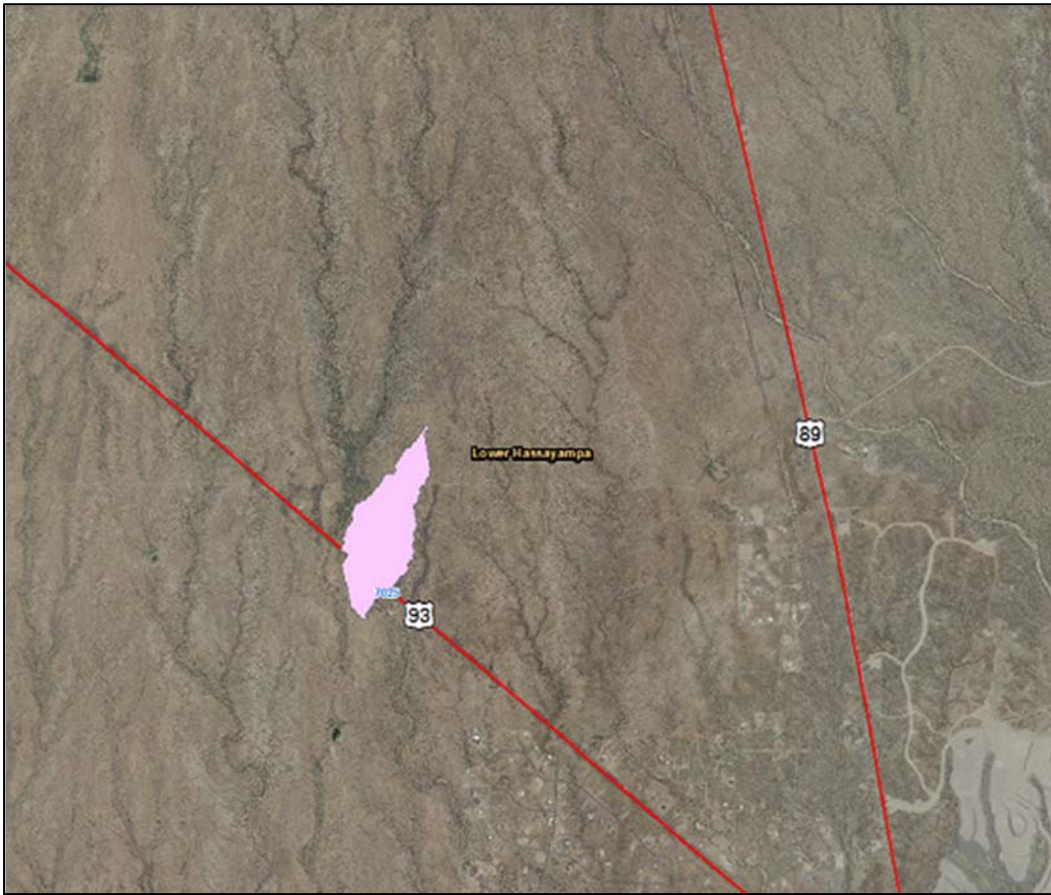
Sols Tributary at US93, ID #7028



Site Data

LOCATION	Located west of US93 near mile post 191
DRAINAGE AREA	0.15 mi ²
STREAM TYPE	Natural Stream
JURISDICTION	Yavapai County, Arizona
WATERSHED	Lower Hassayampa
SECTION/TOWNSHIP/RANGE	S11 T8N R6W
LATITUDE	N 34° 03' 06.8" +34.05187
LONGITUDE	W 112° 51' 01.1" -112.85030
STREAMGAGE INSTALLATION DATE	01/30/2002 - WY 2002
AVAILABLE PERIOD OF RECORD (POR)	01/30/2002 - Current
LENGTH OF AVAILABLE POR DATA	15.67 Years 5,723 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.07 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	2,580.00 feet M.S.L.
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	967 cfs 3.40 feet 07/25/2007

Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
None		

Hydrograph of peak WY 2017 flow event

There was no runoff recorded by this gage in Water Year 2017.

Flood Flow Frequency

There is not enough data to compute a flood flow frequency for this gage station.

Sols Tributary near US93, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values														
	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		---			---		---		---			---			
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 2017	TOTAL		0	MEAN		0	MAX		0	MIN		0	AC_FT		0

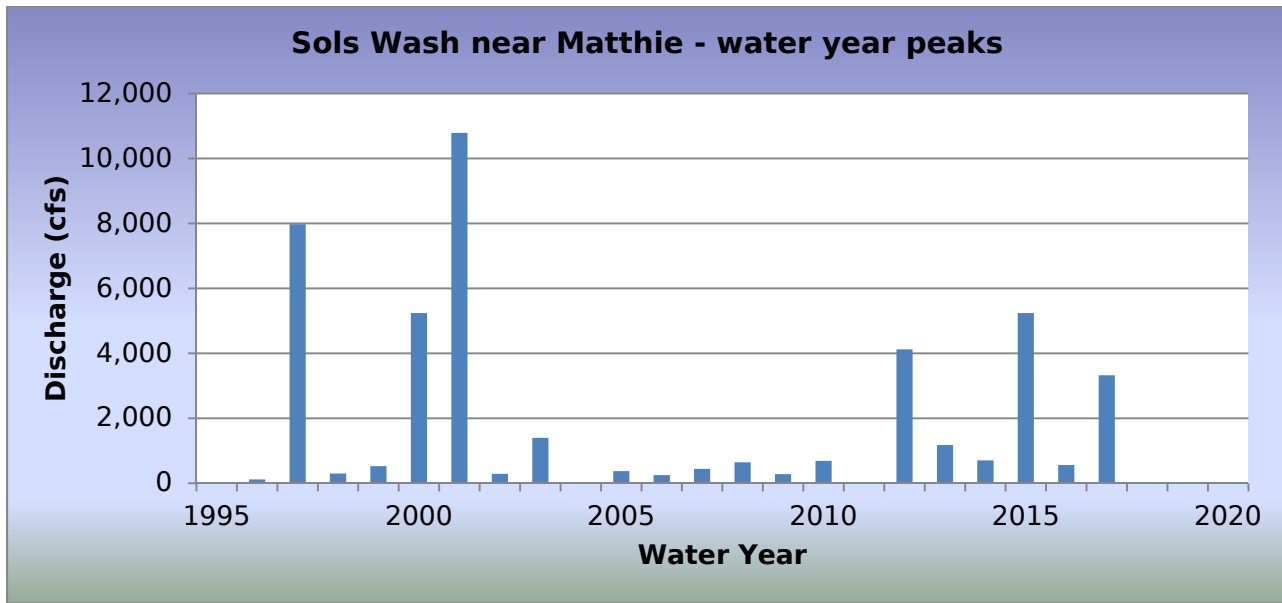
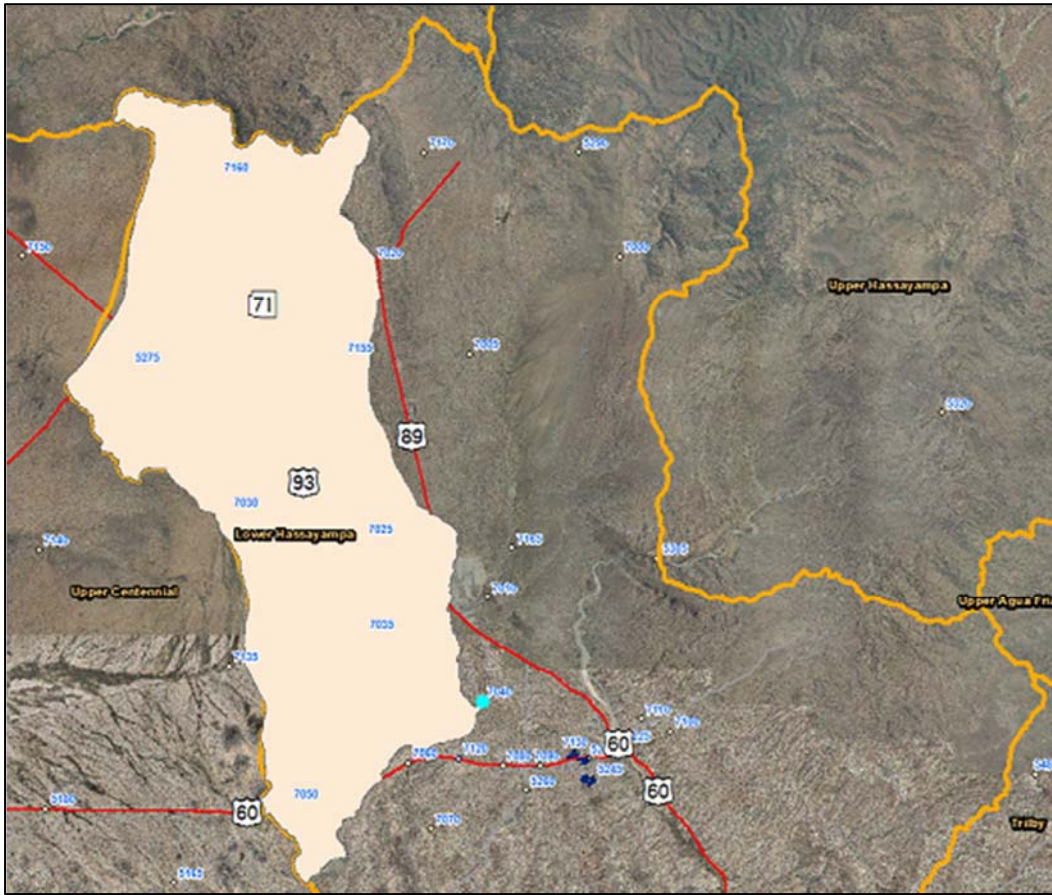
Sols Wash near Matthie, ID #7043



Site Data

LOCATION	Located along the railroad about 1 mile west of Vulture Mine Road
DRAINAGE AREA	121 mi ²
STREAM TYPE	Natural Stream
JURISDICTION	Wickenburg, Arizona
WATERSHED	Lower Hassayampa
SECTION/TOWNSHIP/RANGE	S32 T8N R5W
LATITUDE	N 33° 59' 14.8" +33.98743
LONGITUDE	W 112° 47' 34.7" -112.79296
STREAMGAGE INSTALLATION DATE	08/04/1995 - WY 1995
AVAILABLE PERIOD OF RECORD (POR)	08/04/1995 - Current
LENGTH OF AVAILABLE POR DATA	22.16 Years 8,094 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.36 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	2,230.64 feet NAVD 1988
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	10,792 cfs 5.15 feet 10/21/2000

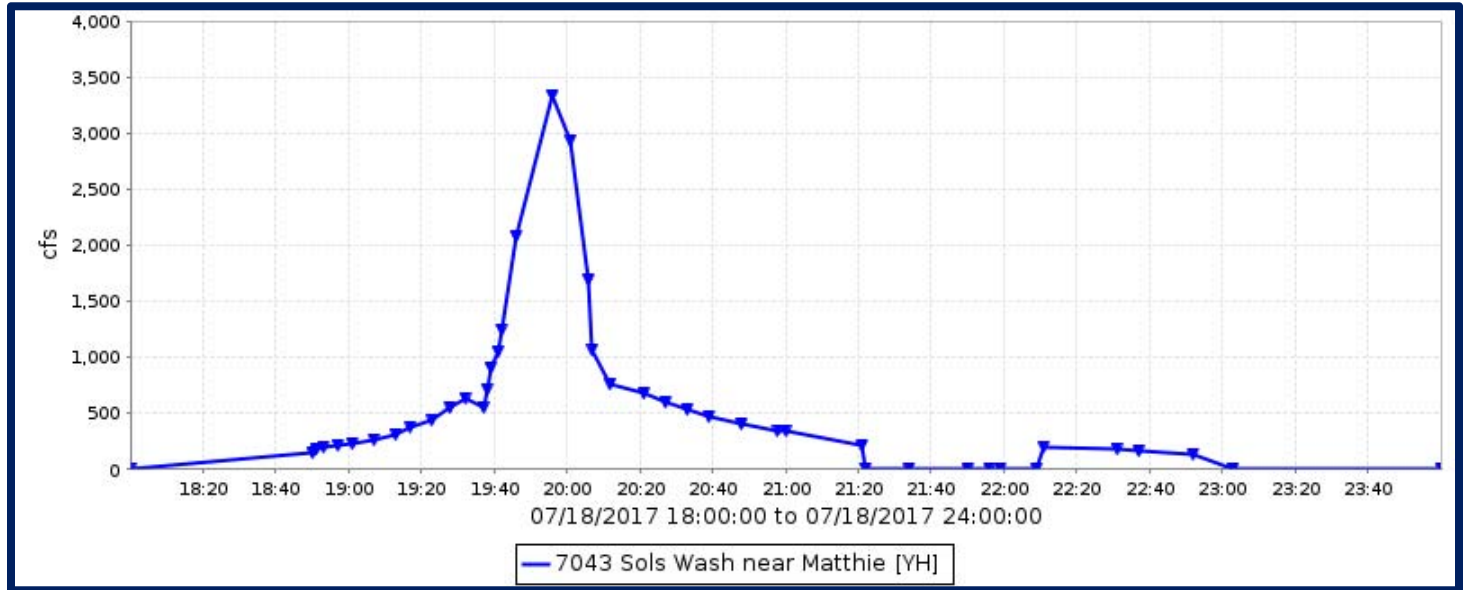
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
07/15/2017	1.12	254
07/18/2017	3.65	3,326
07/18/2017	0.83	197
08/10/2017	1.13	256

Hydrograph of peak WY 2017 flow event, 07/18/2017



Flood Flow Frequency

Flood Flow Frequency N=23, HEC-WRC computation (based on 23 years of data)					
2-year	5-year	10-year	20-year	50-year	100-year
715	2,430	4,700	8,190	15,500	32,500

NOTE: These results are based on very limited data.

Sols Wash near Matthie, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2				---								
3												
4												
5												
6												
7												
8												
9												
10											8	
11												
12												
13												
14												
15										30		
16										6		
17												
18										88		
19												
20												
21				---								
22			---	---								
23			---									
24			---									
25												
26												
27												
28												
29					---						---	
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	0	0	0	0	0	0	124	8	0
MEAN	0	0	0	0	0	0	0	0	0	4	0	0
MAX	0	0	0	0	0	0	0	0	0	3326	256	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	246	17	0
WTR YR 2017	TOTAL	133	MEAN	0	MAX	3326	MIN	0	AC_FT	263		

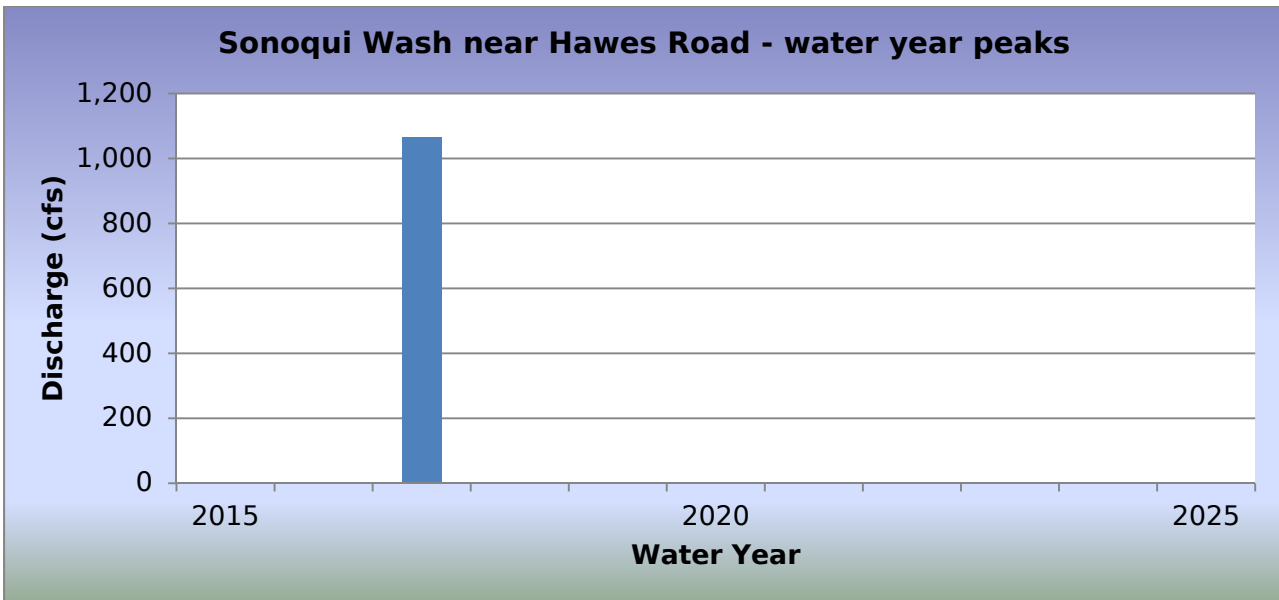
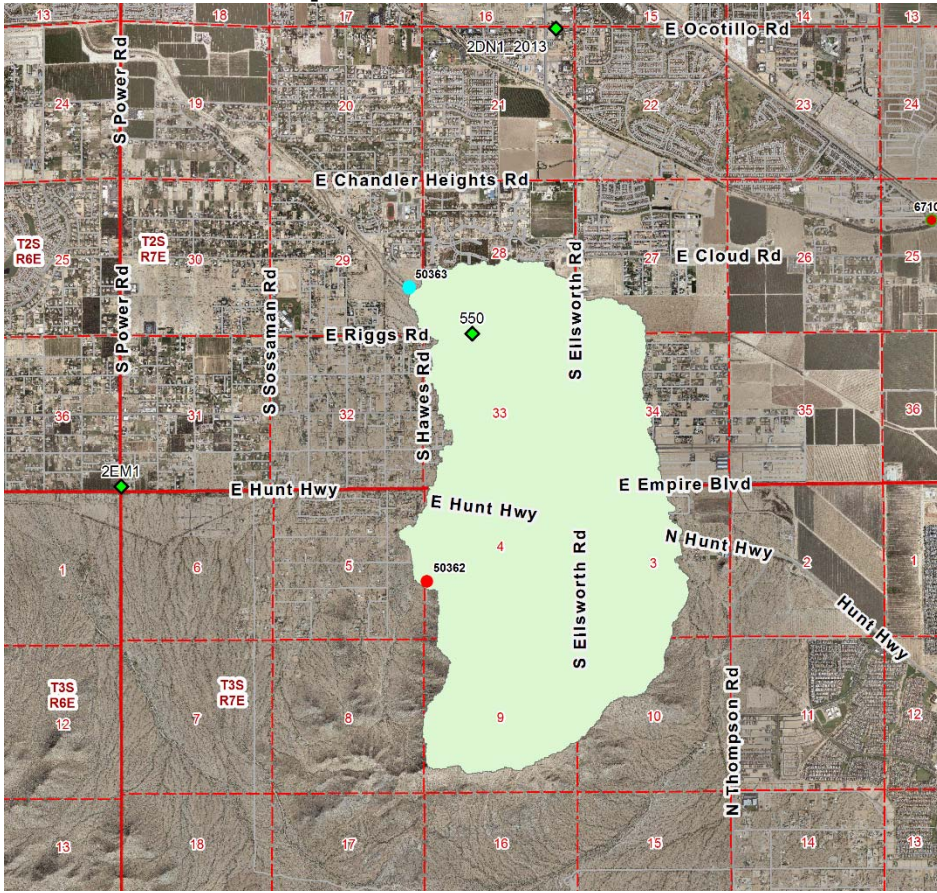
Sonoqui Wash near Hawes Road, ID #36307



Site Data

LOCATION	Located near Hawes and Riggs Roads
DRAINAGE AREA	15.0 mi ²
STREAM TYPE	Channelized Natural Stream
JURISDICTION	Queen Creek, Arizona
WATERSHED	Upper East Maricopa Floodway
SECTION/TOWNSHIP/RANGE	S29 T2S R7E
LATITUDE	N 33° 13' 26.5" +33.22402
LONGITUDE	W 111° 39' 11.8" -111.65327
STREAMGAGE INSTALLATION DATE	12/21/2016 - WY 2017
AVAILABLE PERIOD OF RECORD (POR)	12/21/2016 - Current
LENGTH OF AVAILABLE POR DATA	0.78 Years 284 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	1.40 feet Gage Height
STAFF GAGES	None
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	1,373.00 feet Gage Height
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	1,064 cfs 5.29 feet Gage Height 07/24/2016

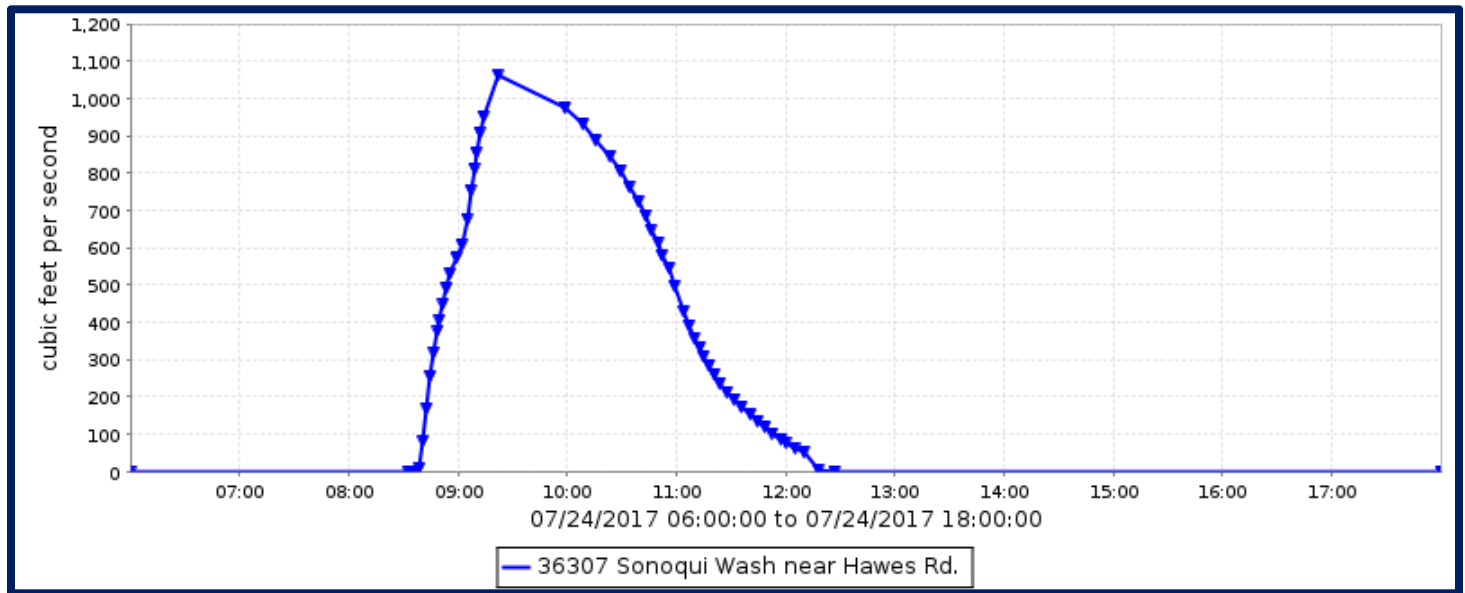
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
07/23/2017	4.27	642
07/24/2017	5.29	1,064
08/03/2017	3.59	420

Hydrograph of peak WY 2017 flow event, 07/24/2017



Flood Flow Frequency

There is not enough data to compute a flood flow frequency for this gage station.

Siphon Draw Wash at Signal Butte Road, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---									
2	---	---	---									
3	---	---	---								21	
4	---	---	---									
5	---	---	---									
6	---	---	---									
7	---	---	---									
8	---	---	---									
9	---	---	---									
10	---	---	---									
11	---	---	---									
12	---	---	---									
13	---	---	---									
14	---	---	---									
15	---	---	---									
16	---	---	---									
17	---	---	---									
18	---	---	---									
19	---	---	---									
20	---	---	---									
21	---	---										
22	---	---										
23	---	---								44		
24	---	---								89		
25	---	---										
26	---	---										
27	---	---										
28	---	---										
29	---	---			---							
30	---	---			---							
31	---	---			---		---		---			---
TOTAL	---	---	0	0	0	0	0	0	0	133	21	0
MEAN	---	---	0	0	0	0	0	0	0	4	1	0
MAX	---	---	0	0	0	0	0	0	0	1064	420	0
MIN	---	---	0	0	0	0	0	0	0	0	0	0
AC_FT	---	---	0	0	0	0	0	0	0	265	42	0
WTR YR 2017	TOTAL		154	MEAN	0	MAX	1064	MIN	0	AC_FT	306	

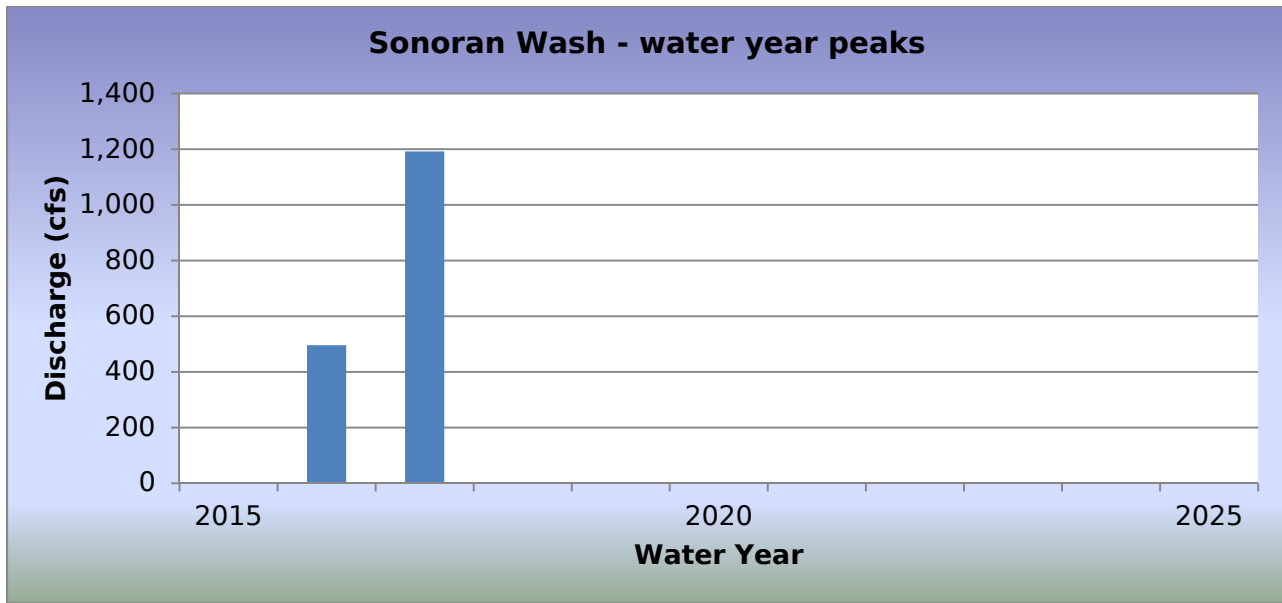
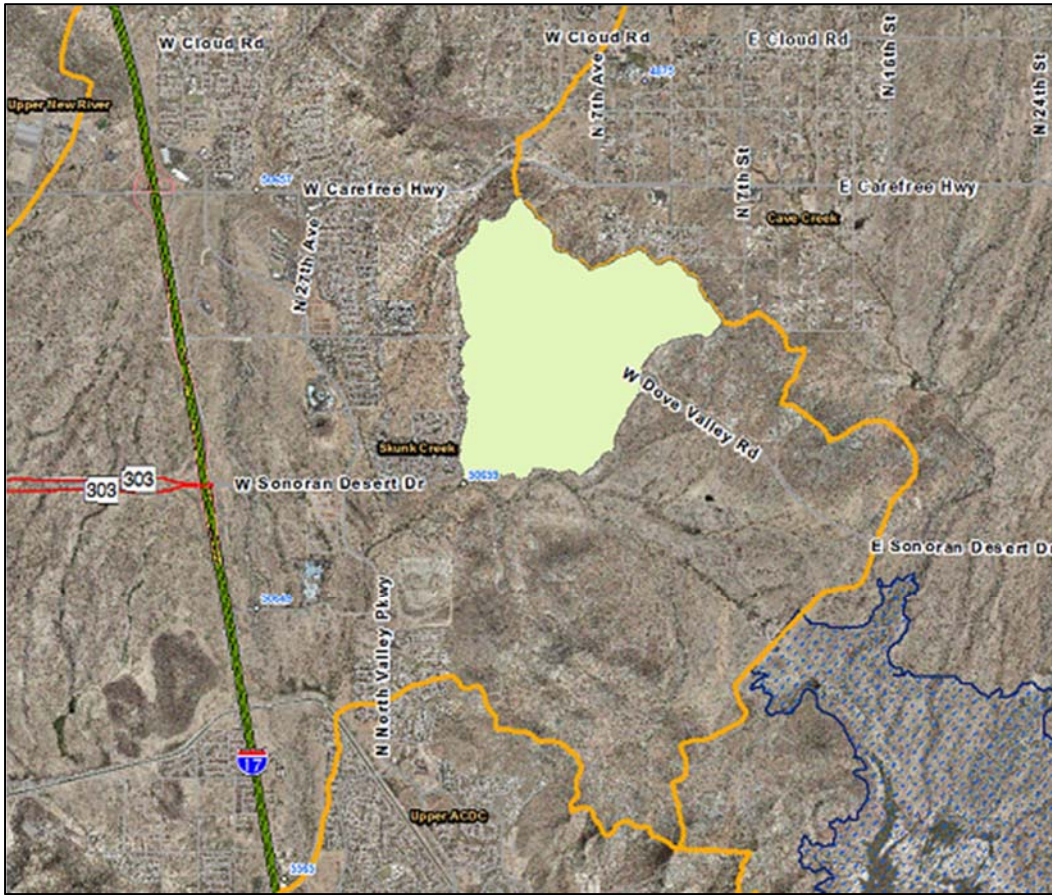
Sonoran Wash, ID #65907



Site Data

LOCATION	Located southeast of Paloma Pkwy and Sonoran Desert Drive
DRAINAGE AREA	7.81 mi ²
STREAM TYPE	Natural Stream
JURISDICTION	Phoenix, Arizona
WATERSHED	Skunk Creek
SECTION/TOWNSHIP/RANGE	S19 T5N R3E
LATITUDE	N 33° 46' 09.3" +33.76925
LONGITUDE	W 112° 05' 55.6" -112.09878
STREAMGAGE INSTALLATION DATE	10/13/2015 - WY 2016
AVAILABLE PERIOD OF RECORD (POR)	10/13/2015 - Current
LENGTH OF AVAILABLE POR DATA	1.97 Years 719 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	1.34 feet Gage Height
STAFF GAGES	None
CREST STAGE GAGES	None
ZERO GAGE HEIGHT ELEVATION	0.00 feet Gage Height
POINT OF ZERO FLOW	0.3 feet Gage Height
EXTREME FOR PERIOD OF RECORD	1,192 cfs 4.30 feet GH 12/22/2016

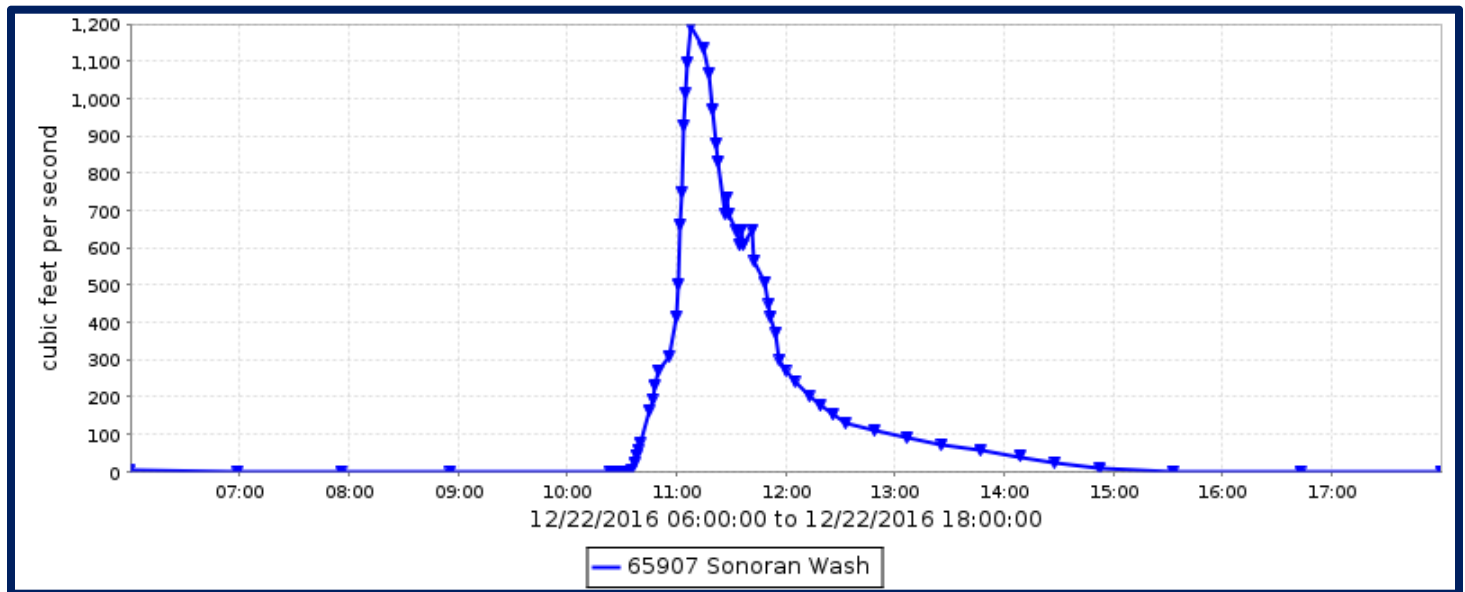
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
12/22/2016	4.30	1,192
01/01/2017	3.38	727
01/20/2017	1.23	60
02/28/2017	2.95	546
08/03/2017	2.46	366

Hydrograph of peak WY 2017 flow event, 12/22/2016



Flood Flow Frequency

There is not enough data to compute a flood flow frequency for this gage station.

Sonoran Wash, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				39								
2												
3											8	
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20				7								
21				1								
22			47									
23												
24			5									
25												
26												
27												
28					76							
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	51	48	76	0	0	0	0	0	8	0
MEAN	0	0	2	2	3	0	0	0	0	0	0	0
MAX	0	0	1192	727	546	0	0	0	0	0	366	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	102	94	151	0	0	0	0	0	15	0
WTR YR 2017	TOTAL		183	MEAN	1	MAX	1192	MIN	0	AC_FT	362	

South Mountain Fan, ID #6563



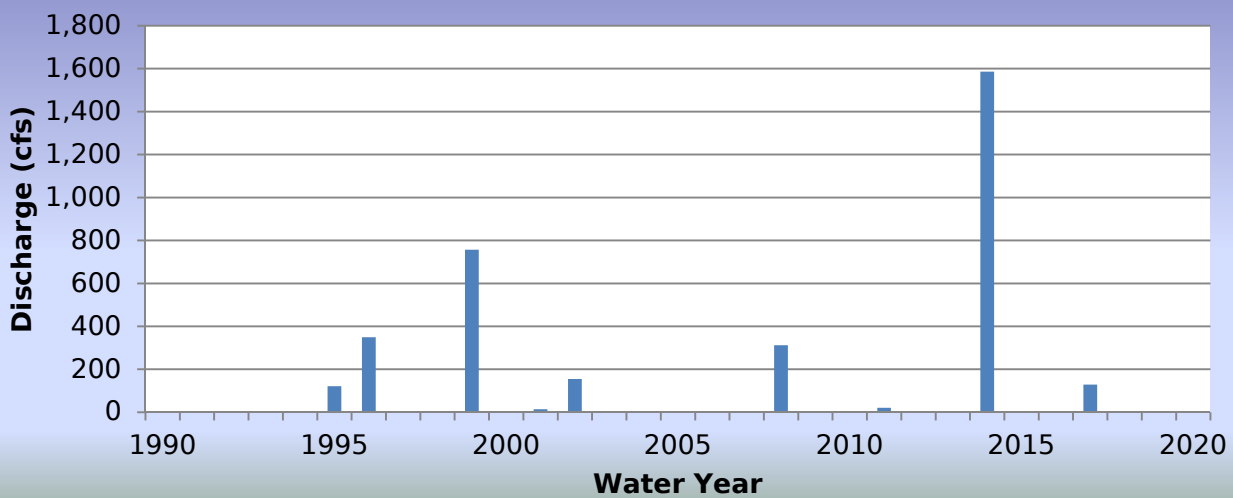
Site Data

LOCATION	Located in the western part of South Mountain Park
DRAINAGE AREA	2.1 mi ²
STREAM TYPE	Natural Stream
JURISDICTION	Phoenix, Arizona
WATERSHED	Middle Gila
SECTION/TOWNSHIP/RANGE	S26 T1S R2E
LATITUDE	N 33° 18' 54.7" +33.31518
LONGITUDE	W 112° 08' 01.3" -112.13369
STREAMGAGE INSTALLATION DATE	06/09/1993 - WY 1993
AVAILABLE PERIOD OF RECORD (POR)	06/09/1993 - Current
LENGTH OF AVAILABLE POR DATA	24.31 Years 8,880 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	1.05 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	1,276.74 feet M.S.L.
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	1,586 cfs 3.85 feet 08/12/2014

Watershed Map



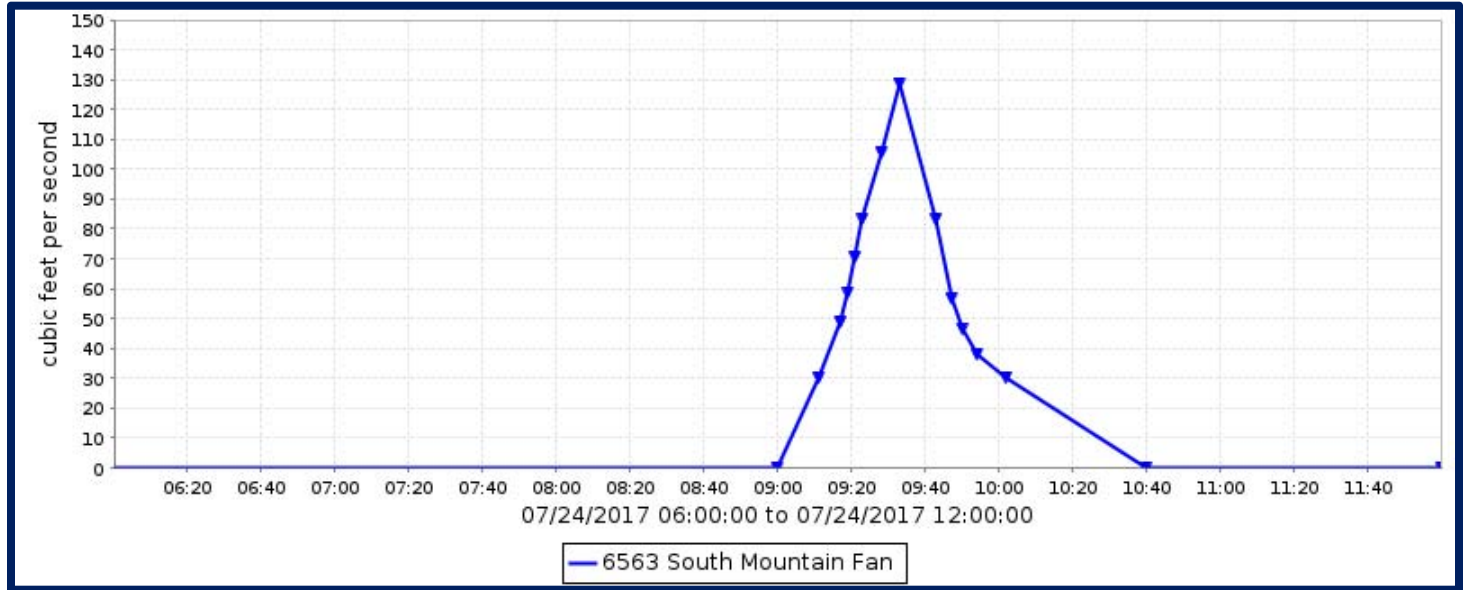
South Mountain Fan - water year peaks



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
07/24/2017	2.01	129

Hydrograph of peak WY 2017 flow event, 07/24/2017



Flood Flow Frequency

Flood Flow Frequency HEC-1 Analysis					
2-year	5-year	10-year	20-year	50-year	100-year
300	650	990	1,500	2,000	2,400

South Mountain Fan, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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										3		
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	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	0	0	0	0	0	0	0	0	0	129	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	7	0	0
WTR YR 2017	TOTAL		3	MEAN	0	MAX	129	MIN	0	AC_FT		7

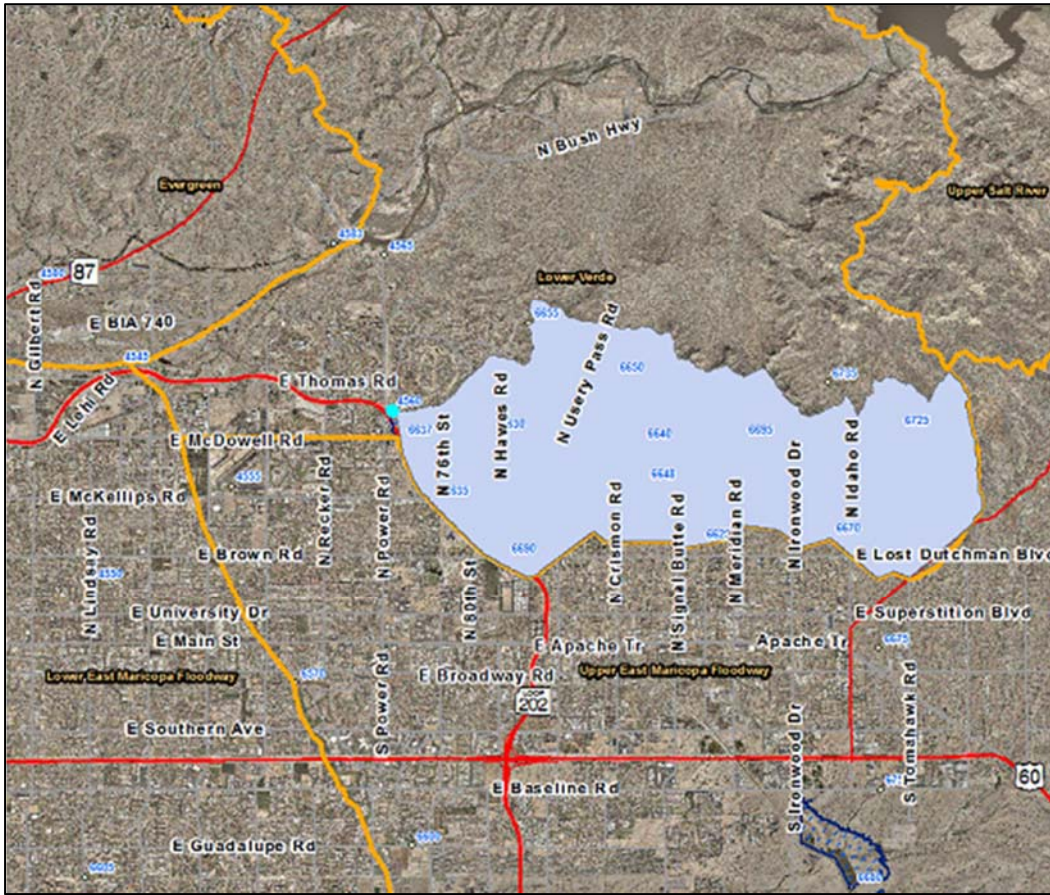
Spookhill FRS, ID #4563



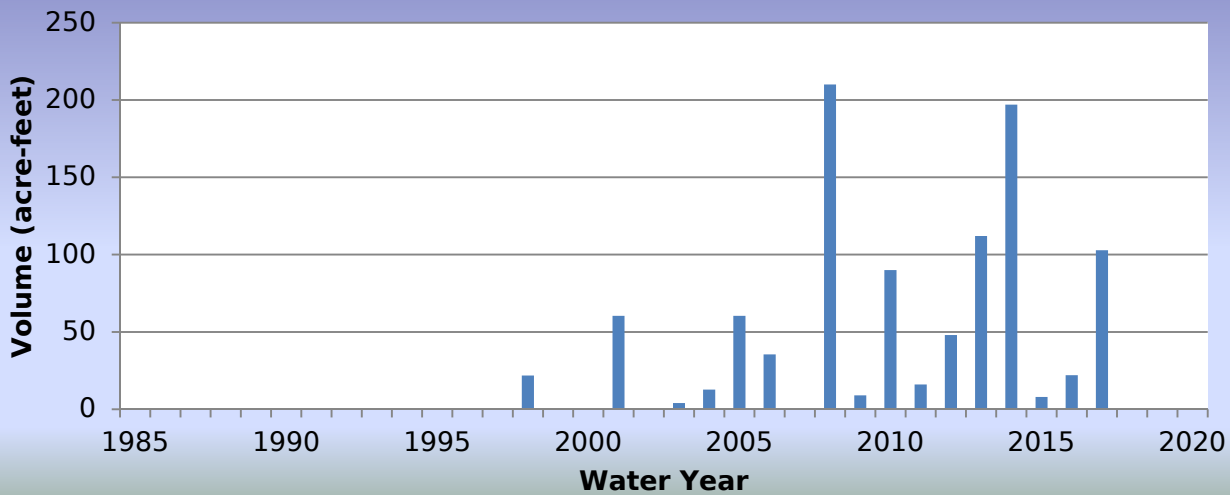
Site Data

LOCATION	Located near Loop 202 and Power Road
DRAINAGE AREA	13.6 mi ²
STREAM TYPE	Dam of natural drainage
JURISDICTION	Mesa, Arizona
WATERSHED	Lower Verde
SECTION/TOWNSHIP/RANGE	S31 T2N R7E
LATITUDE	N 33° 28' 23.0" +33.47305
LONGITUDE	W 111° 40' 52.7" -111.68131
STREAMGAGE INSTALLATION DATE	03/13/1984 - WY 1984
AVAILABLE POR	12/30/1987 - Current
LENGTH OF AVAILABLE POR DATA	29.75 Years 10,868 Days
DATA GAPS IN POR	05/02/2008 - 06/22/2008
STAGE GAGE ELEVATION	0.28 Feet Gage Height
ZERO GAGE HEIGHT ELEVATION	1,568.10 Feet NAVD 1988
NORMAL DRAWDOWN RATE	-0.12 feet per hour
PZF (CONTROLLED OUTLET)	0.0 Feet Gage Height
PZF (UNCONTROLLED OUTLET)	9.4 Feet Gage Height
MINIMUM LEVEL POOL ELEVATION	3.7 feet at Brown Rd, 2.2 feet at McKellips Rd, 1.0 feet at McDowell Rd
MINIMUM FREEWAY LEVEE ELEVATION	14.0 feet Gage Height
SPILLWAY ELEVATION	15.8 feet Gage Height
TOP OF DAM ELEVATION	25.3 feet Gage Height

Watershed Map



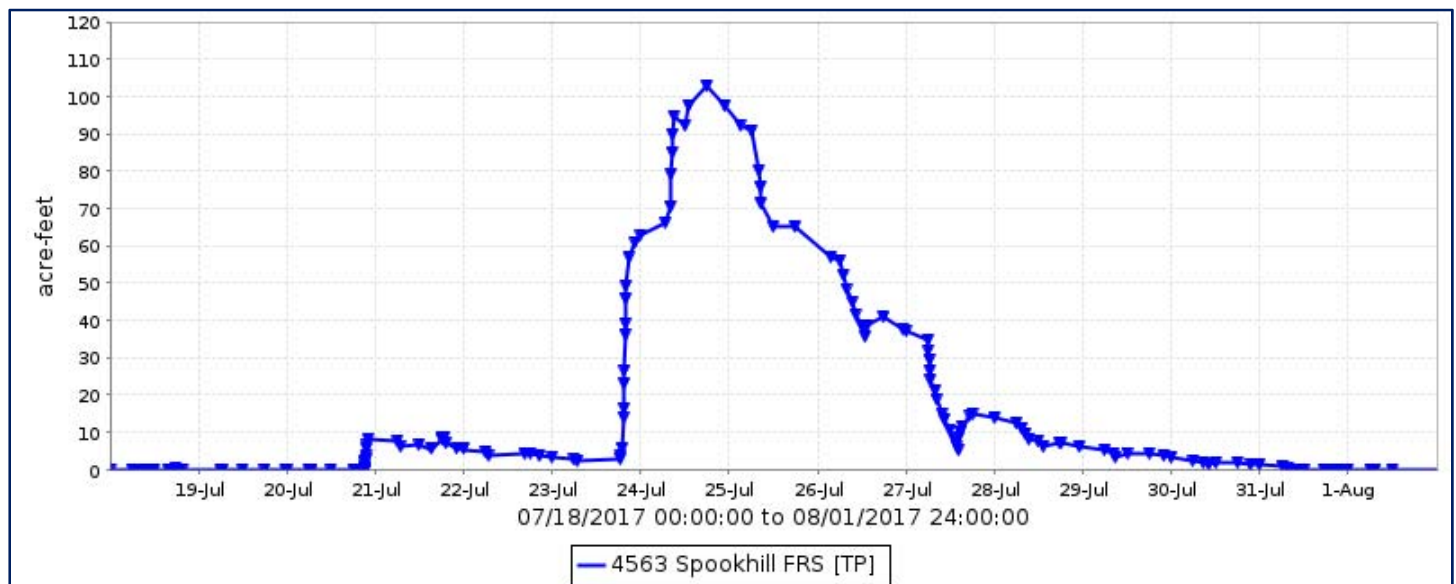
Spookhill FRS - water year peaks



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
12/25/2016	1.78	0.6	0.1
01/01/2017	2.35	3.1	0.1
01/21/2017	2.85	8.6	0.2
02/19/2017	2.30	2.8	0.1
03/01/2017	1.85	0.8	0.1
07/18/2017	1.53	0.2	0.1
07/21/2017	2.85	8.6	0.2
07/24/2017	5.74	102.8	3.0
08/04/2017	3.27	15.0	0.3

Hydrograph of peak WY 2017 impoundment event, 07/24/2017



Spookhill FRS, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4		4	20	5	25	4	4				
2	4		4	29	5	25	4	4				
3	4		4	21	4	23	4	4			3	
4	4		4	12	4	22	4	4			30	
5	4		4	6	4	21	4	4			29	
6	4		4	5	4	13	4	4			26	
7	4		4	4	5	4	4	4			8	
8	4		4	4	5	4	4	4				
9	4		4	4	5	4	4	4				
10	4		4	4	5	4	4	4				
11	4		4	5	4	4	4	4			---	
12	4		4	5	4	4	4	4			---	
13	4		4	4	5	4	4	4			---	
14	4		4	4	5	4	4	4			---	
15	4		4	4	4	4	4	4				
16	4		4	5	5	4	4	4				
17	4		4	4	4	4	4	4		7		
18	4		4	5	5	4	4	4		22		
19	4		4	4	19	4	4	4		22		
20	4		4	6	28	4	4	4		9		
21	4		4	32	15	4	4	4		32		
22	4	---	4	31	8	4	4	4		30		
23	4	---	4	25	5	4	4	4		31		
24	4	---	7	15	4	4	4	4		45		
25	4	---	24	20	4	4	4	4		44		
26	4	---	23	13	4	4	4	4		41		
27	4	---	10	5	4	4	4	4		36		
28	4		4	5	11	4	4	4		33		
29	1	2	4	5	---	4	4	1		31		
30		4	4	5	---	4	4			28		
31		---	4	5	---	4	---		---	10		---
TOTAL	112	6	173	315	186	231	120	113	0	420	96	0
MEAN	4	0	6	10	7	7	4	4	0	14	3	0
MAX	4	4	25	32	29	26	4	4	0	46	35	0
MIN	0	0	4	4	4	4	4	0	0	0	0	0
AC_FT	223	12	343	625	370	458	238	224	0	833	191	0
WTR YR 2017	TOTAL	1773	MEAN	5	MAX	46	MIN	0	AC_FT	3517		

Spookhill FRS, volume data

Volume, in acre-feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1						2						
2						1						
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					2							
29					---							
30					---							
31		---			---		---		---			---
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	0	6	2	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2017	MEAN		0	MAX	6	MIN	0					

Spookhill FRS, stage data

Depth, in feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.3	0.3	0.3	1.6	0.3	1.8	0.3	0.3	0.3	0.3	0.4	0.3
2	0.3	0.3	0.3	2.3	0.3	1.7	0.3	0.3	0.3	0.3	0.3	0.3
3	0.3	0.3	0.3	1.4	0.3	1.6	0.3	0.3	0.3	0.3	0.6	0.3
4	0.3	0.3	0.3	0.8	0.3	1.4	0.3	0.3	0.3	0.3	2.5	0.3
5	0.3	0.3	0.3	0.4	0.3	1.3	0.3	0.3	0.3	0.3	2.2	0.3
6	0.3	0.3	0.3	0.4	0.3	0.8	0.3	0.3	0.3	0.3	1.9	0.3
7	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.8	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	0.4	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
12	0.3	0.3	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.3	---	0.3
13	0.3	0.3	0.3	0.3	0.4	0.3	0.3	0.3	0.3	0.3	---	0.3
14	0.3	0.3	0.3	0.3	0.4	0.3	0.3	0.3	0.3	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	0.6	0.3	0.3
18	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	1.3	0.3	0.3
19	0.3	0.3	0.3	0.3	1.4	0.3	0.3	0.3	0.3	1.4	0.3	0.3
20	0.3	0.3	0.3	0.4	2.2	0.3	0.3	0.3	0.3	0.9	0.3	0.3
21	0.3	0.3	0.3	2.7	1.1	0.3	0.3	0.3	0.3	2.7	0.3	0.3
22	0.3	---	0.3	2.6	0.5	0.3	0.3	0.3	0.3	2.5	0.3	0.3
23	0.3	---	0.3	1.9	0.4	0.3	0.3	0.3	0.3	2.7	0.3	0.3
24	0.3	---	0.5	0.9	0.3	0.3	0.3	0.3	0.3	5.4	0.3	0.3
25	0.3	---	1.7	1.2	0.3	0.3	0.3	0.3	0.3	5.2	0.3	0.3
26	0.3	---	1.5	0.8	0.3	0.3	0.3	0.3	0.3	4.5	0.3	0.3
27	0.3	---	0.7	0.3	0.3	0.3	0.3	0.3	0.3	3.5	0.3	0.3
28	0.3	0.3	0.3	0.3	0.7	0.3	0.3	0.3	0.3	2.9	0.3	0.3
29	0.3	0.3	0.3	0.3	---	0.3	0.3	0.3	0.3	2.5	0.3	0.3
30	0.3	0.3	0.3	0.4	---	0.3	0.3	0.3	0.3	2.2	0.3	0.3
31	0.3	---	0.3	0.3	---	0.3	---	0.3	---	1.0	0.3	---
MEAN	0.3	0.3	0.4	0.8	0.5	0.5	0.3	0.3	0.3	1.4	0.5	0.3
MAX	0.3	0.3	1.8	2.9	2.3	1.9	0.3	0.3	0.3	5.7	3.3	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 2017	MEAN	0.48	MAX	5.74	MIN	0.28						

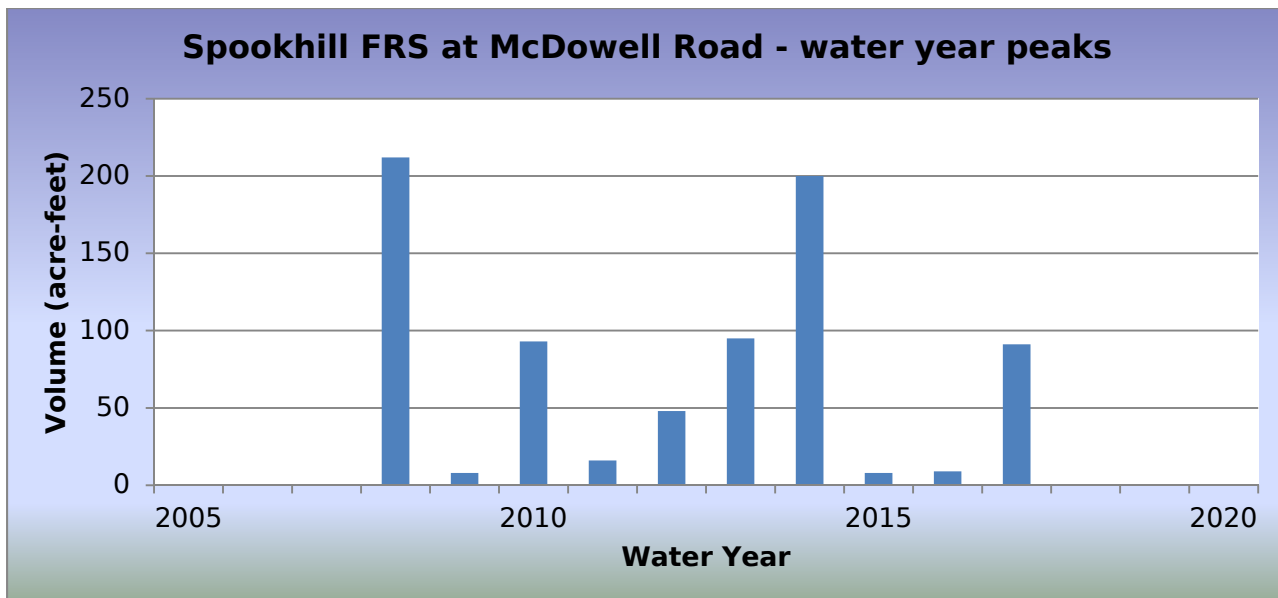
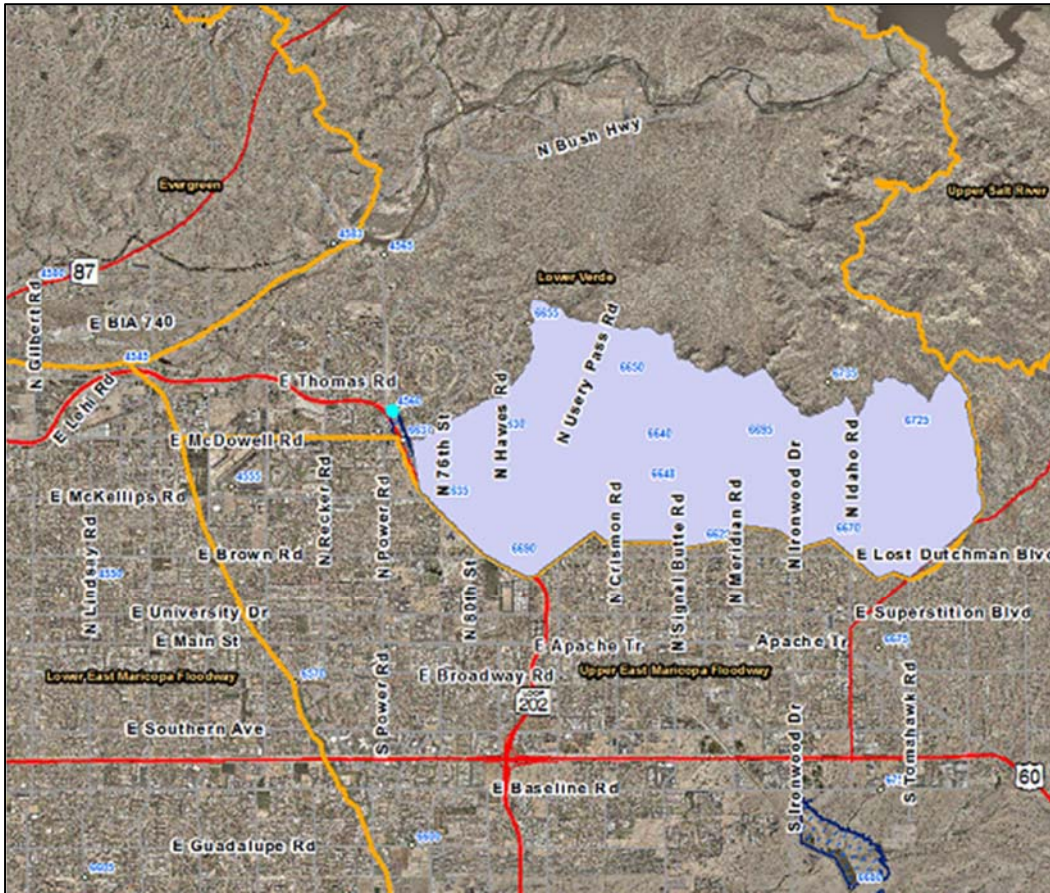
Spookhill FRS at McDowell Road, ID #6637



Site Data

LOCATION	Located at McDowell Road and the Loop 202
DRAINAGE AREA	13.6 mi ² at outlet gage
STREAM TYPE	Engineered Channel / Levee / Dam
JURISDICTION	Mesa, Arizona
WATERSHED	Lower Verde
SECTION/TOWNSHIP/RANGE	S06 T1N R7E
LATITUDE	N 33° 27' 57.4" +33.46594
LONGITUDE	W 111° 40' 42.0" -111.67834
STREAMGAGE INSTALLATION DATE	06/19/2008 - WY 2008
AVAILABLE PERIOD OF RECORD (POR)	06/19/2008 - Current
LENGTH OF AVAILABLE POR DATA	9.28 Years 3,391 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.00 feet Gage Height
STAFF GAGES	None
ZERO GAGE HEIGHT ELEVATION	1,569.50 feet NAVD 1988
POINT OF ZERO FLOW	0.00 feet Gage Height
DAM ELEVATIONS AS RELATED TO GAGE HEIGHT AT THIS SITE	
PRINCIPAL OUTLET ELEVATION	-1.40 feet Gage Height
UNGATED PRINCIPAL OUTLET INLET ELEV	8.00 feet Gage Height
MINIMUM FREEWAY LEVEE ELEVATION	12.60 feet Gage Height
SPILLWAY ELEVATION	14.40 feet Gage Height

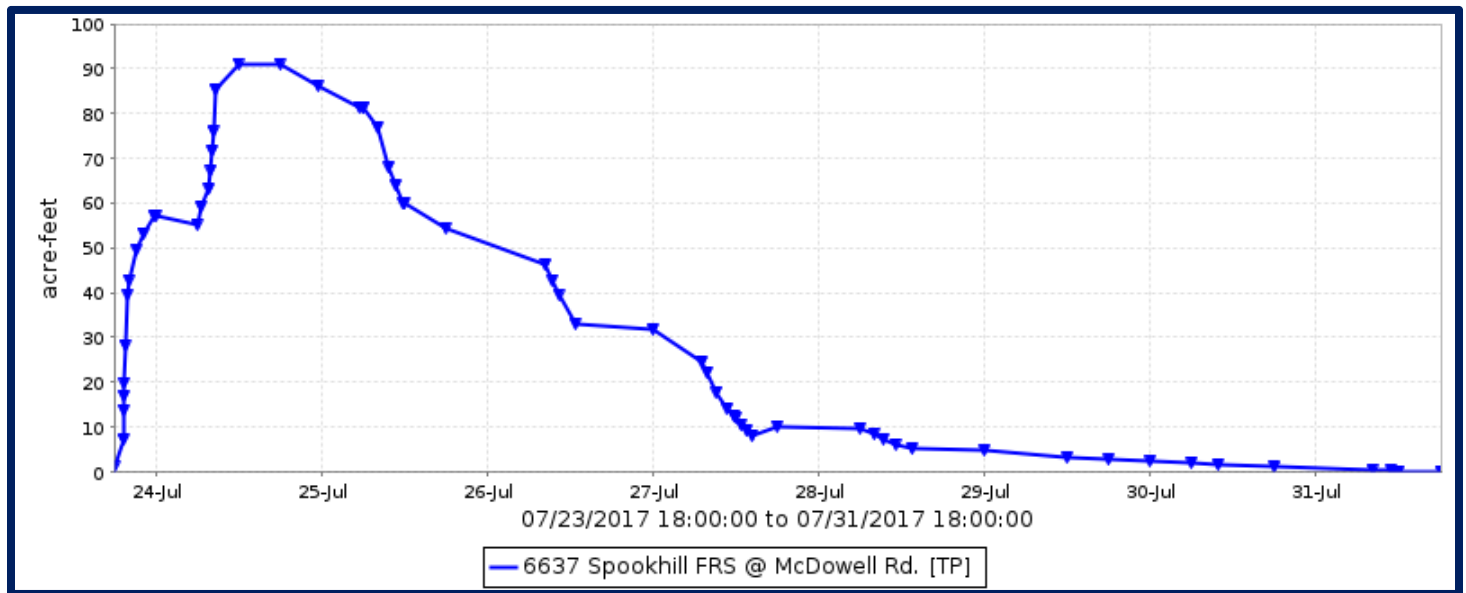
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
01/01/2017	0.80	4.4	0.1
01/21/2017	1.27	11.7	0.2
02/20/2017	0.62	1.6	0.0
07/17/2017	0.35	0.7	0.0
07/21/2017	1.27	6.7	0.2
07/24/2017	4.11	91.1	2.7
08/04/2017	1.67	12.0	0.3

Hydrograph of peak WY 2017 impoundment event, 07/24/2017



Spookhill FRS at McDowell Road, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1		---		18								
2				28								
3				11	---						5	
4											31	
5											27	
6											11	
7											2	
8												
9			---									
10												
11												
12												
13	2											
14							---					
15												
16												
17										3		
18												
19					15							
20				6	27					4		
21				31	12					31		
22				31	1					29		
23				16	1					30		
24			2							44		
25			4							43		
26										40		
27					---					35		
28										32		
29					---					30		
30					---					26		
31	---	---			---		---		---	8		---
TOTAL	2	0	6	138	56	0	0	0	0	355	77	0
MEAN	0	0	0	4	2	0	0	0	0	11	2	0
MAX	15	0	10	32	27	0	0	0	0	45	34	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	4	0	12	274	110	0	0	0	0	705	152	0
WTR YR 2017	TOTAL		634	MEAN	2	MAX	45	MIN	0	AC_FT	1258	

Spookhill FRS at McDowell Road, volume data

Volume, in acre-feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1		---		2								
2				2								
3				1	---						1	
4											6	
5											2	
6											1	
7												
8												
9			---									
10												
11												
12												
13												
14							---					
15												
16												
17												
18												
19												1
20											1	
21				6	1						6	
22				6							3	
23				2							10	
24											78	
25											69	
26											42	
27							---				18	
28											7	
29							---				4	
30							---				2	
31	---	---			---		---		---			---
MEAN	0	0	0	1	0	0	0	0	0	8	0	0
MAX	1	0	1	7	2	0	0	0	0	91	12	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2017	MEAN		1	MAX	91	MIN	0					

Spookhill FRS at McDowell Road, stage data

Depth, in feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.0	---	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.3	---	0.0	0.0	0.0	0.0	0.0	0.2	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	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
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	0.1	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
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	0.1	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	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.2	0.6	0.0	0.0	0.0	0.0	0.1	0.0	0.0
21	0.0	0.0	0.0	1.2	0.3	0.0	0.0	0.0	0.0	1.2	0.0	0.0
22	0.0	0.0	0.0	1.2	0.1	0.0	0.0	0.0	0.0	0.9	0.0	0.0
23	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0
24	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	3.8	0.0	0.0
25	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	3.6	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0
27	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	1.9	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0
29	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	1.0	0.0	0.0
30	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	0.6	0.0	0.0
31	---	---	0.0	0.0	---	0.0	---	0.0	---	0.2	0.0	---
MEAN	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.6	0.1	0.0
MAX	0.4	0.0	0.3	1.3	0.6	0.0	0.0	0.0	0.0	4.1	1.7	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 2017	MEAN	0.07	MAX	4.11	MIN	0.00						

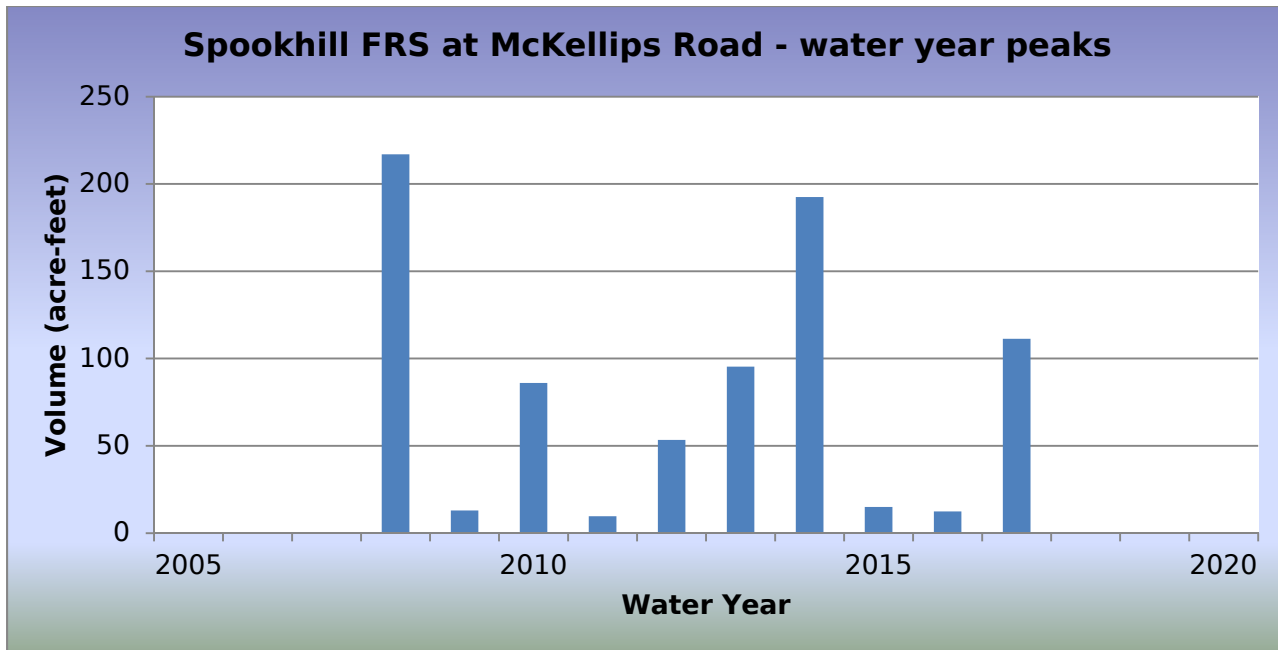
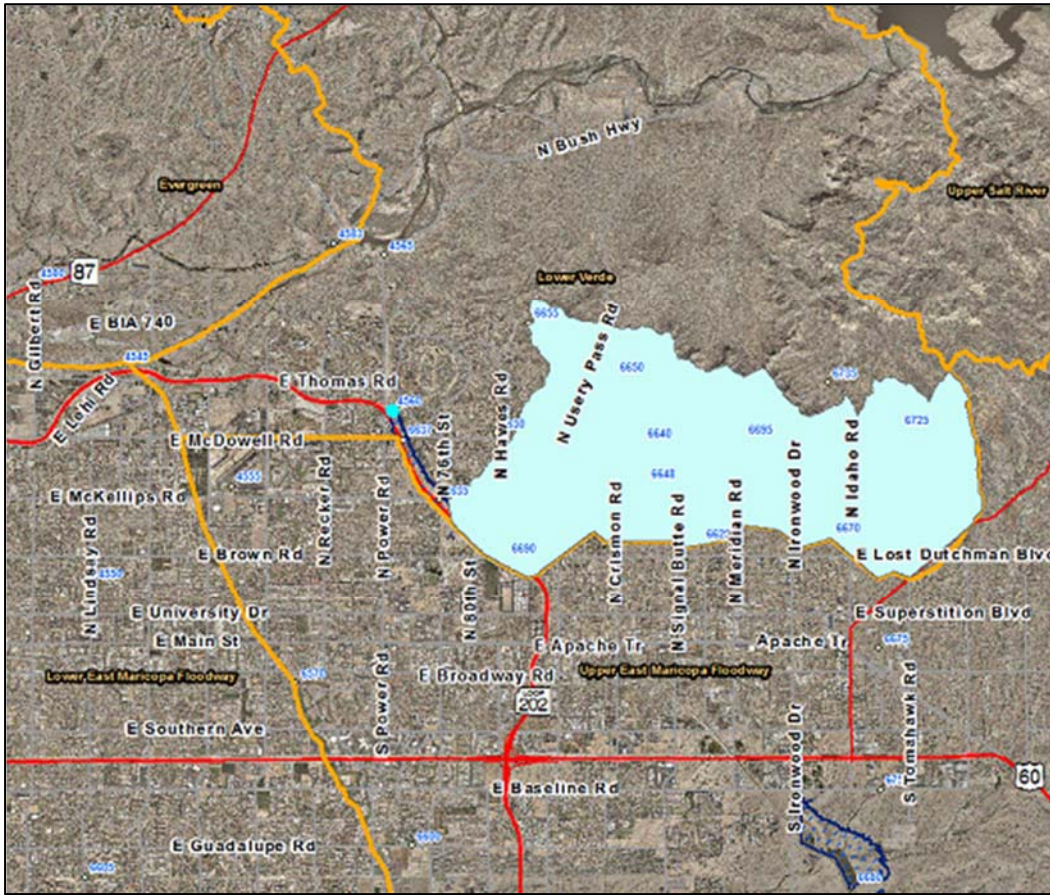
Spookhill FRS at McKellips Road, ID #6638



Site Data

LOCATION	Located at McKellips Road and the Loop 202
DRAINAGE AREA	13.6 mi ² at outlet gage
STREAM TYPE	Engineered Channel / Levee / Dam
JURISDICTION	Mesa, Arizona
WATERSHED	Lower Verde
SECTION/TOWNSHIP/RANGE	S07 T1N R7E
LATITUDE	N 33° 27' 04.7" +33.45131
LONGITUDE	W 111° 40' 03.4" -111.66761
STREAMGAGE INSTALLATION DATE	06/19/2008 - WY 2008
AVAILABLE PERIOD OF RECORD (POR)	06/19/2008 - Current
LENGTH OF AVAILABLE POR DATA	9.28 Years 3,391 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.25 feet Gage Height
STAFF GAGES	None
ZERO GAGE HEIGHT ELEVATION	1,570.40 feet NAVD 1988
POINT OF ZERO FLOW	0.00 feet Gage Height
DAM ELEVATIONS AS RELATED TO GAGE HEIGHT AT THIS SITE	
PRINCIPAL OUTLET ELEVATION	-2.30 feet Gage Height
UNGATED PRINCIPAL OUTLET INLET ELEV	7.10 feet Gage Height
MINIMUM FREEWAY LEVEE ELEVATION	11.70 feet Gage Height
SPILLWAY ELEVATION	13.50 feet Gage Height

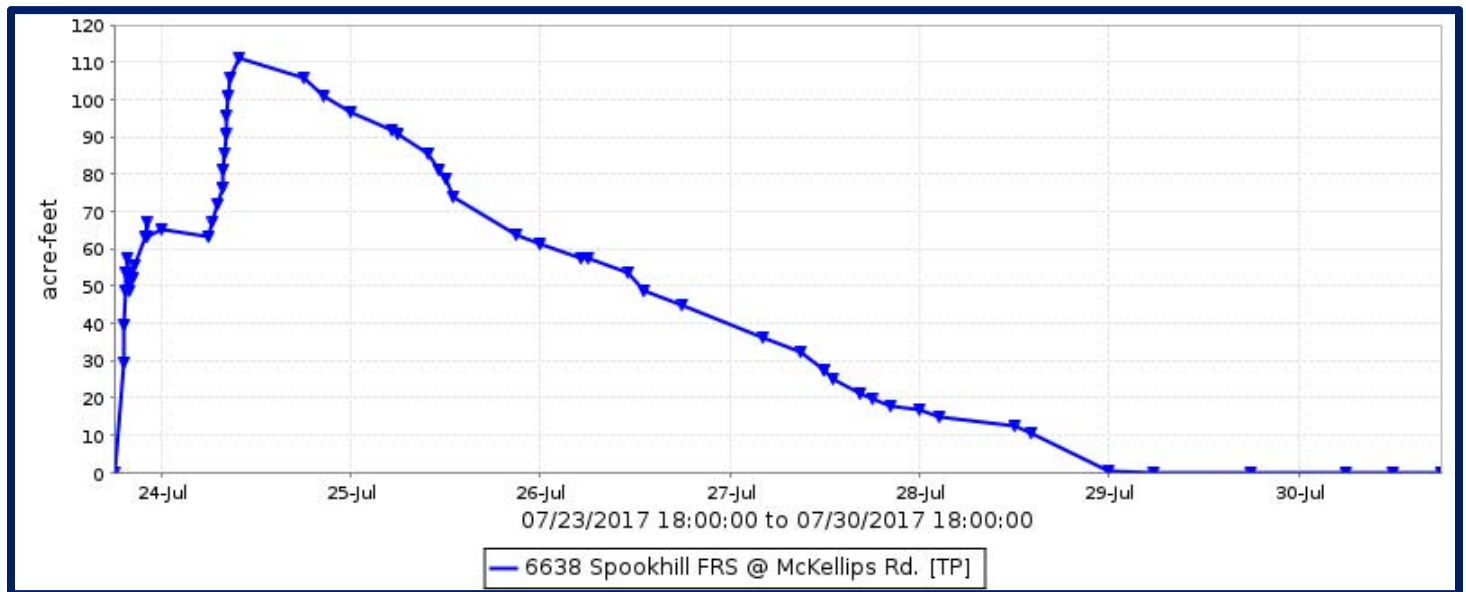
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
01/01/2017	0.55	25.7	0.2
01/20/2017	0.48	25.3	0.2
07/16/2017	0.69	11.1	0.2
07/20/2017	1.19	21.0	0.4
07/24/2017	3.59	111.3	3.2
08/03/2017	1.49	27.3	0.5

Hydrograph of peak WY 2017 impoundment event, 07/24/2017



Spookhill FRS at McKellips Road, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3											8	
4											19	
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17										2		
18												
19												
20				1						3		
21				2						7		
22										2		
23										9		
24										45		
25										45		
26										42		
27										35		
28										14		
29					---					2		
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	2	0	0	0	0	0	206	27	0
MEAN	0	0	0	0	0	0	0	0	0	7	1	0
MAX	0	0	0	6	3	0	0	0	0	47	38	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	5	0	0	0	0	0	410	54	0
WTR YR 2017	TOTAL	237	MEAN	1	MAX	47	MIN	0	AC_FT	469		

Spookhill FRS at McKellips Road, volume data

Volume, in acre-feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3											6	
4											14	
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17										2		
18												
19												
20										2		
21										5		
22												
23										11		
24										93		
25										82		
26										53		
27										30		
28										13		
29					---							
30					---							
31		---			---		---		---			---
MEAN	0	0	0	0	0	0	0	0	0	9	1	0
MAX	0	0	0	3	0	0	0	0	0	111	27	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2017	MEAN		1	MAX	111	MIN	0					

Spookhill FRS at McKellips Road, stage data

Depth, in feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.2	0.2	0.2	0.3	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	0.5	0.2
4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.9	0.2
5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	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	0.3	0.2	0.2
14	0.2	0.2	0.0	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	0.3	0.2	0.2
17	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	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	0.3	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2
21	0.2	0.2	0.2	0.4	0.2	0.2	0.2	0.2	0.2	0.6	0.2	0.2
22	0.2	0.2	0.2	0.0	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	0.7	0.2	0.2
24	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	3.2	0.2	0.2
25	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	3.0	0.2	0.2
26	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	2.3	0.2	0.2
27	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	1.6	0.2	0.2
28	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.8	0.2	0.2
29	0.2	0.2	0.2	0.2	---	0.2	0.2	0.2	0.2	0.4	0.2	0.2
30	0.2	0.2	0.2	0.2	---	0.2	0.2	0.2	0.2	0.3	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	0.3	0.3	0.2	0.2	0.2	0.2	0.6	0.3	0.2
MAX	0.2	0.2	0.2	0.6	0.4	0.2	0.2	0.2	0.2	3.6	1.5	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 2017	MEAN	0.28	MAX	3.59	MIN	0.25						

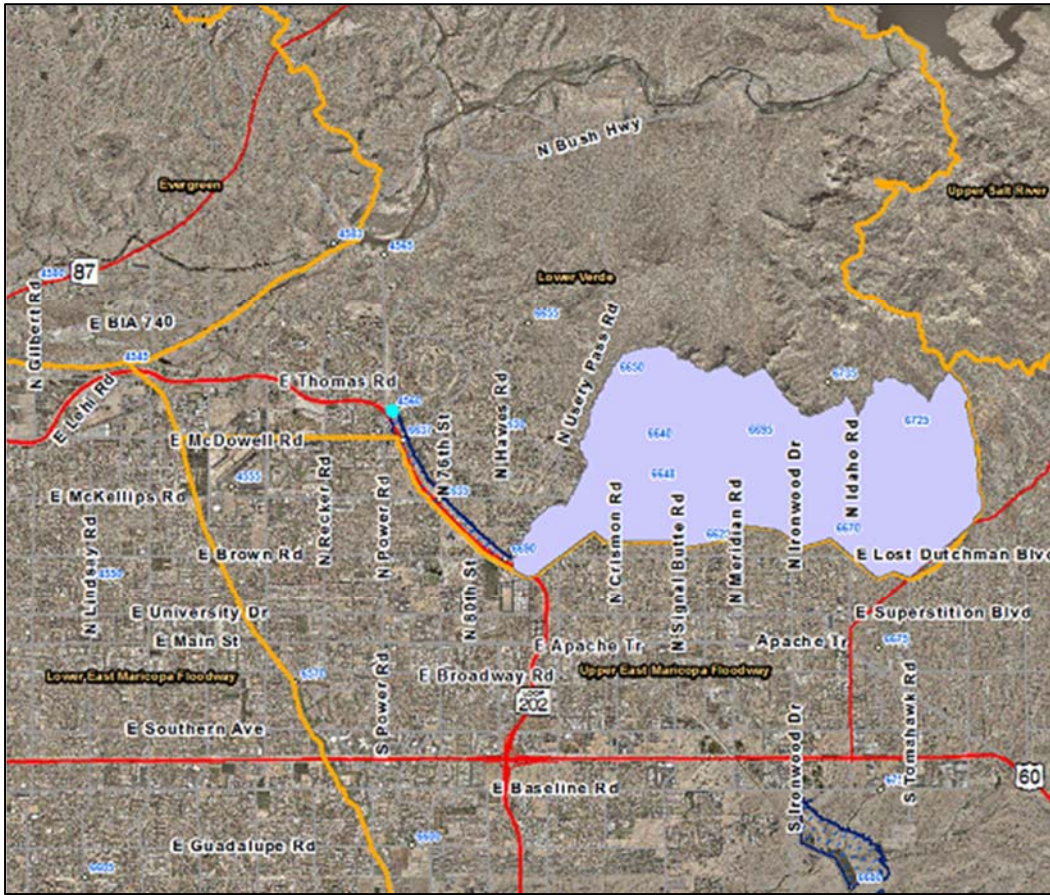
Spookhill FRS at Brown Road, ID #6693



Site Data

LOCATION	Located at Brown Road and SR 202L
DRAINAGE AREA	13.6 mi ² at outlet gage
STREAM TYPE	Engineered Channel / Levee / Dam
JURISDICTION	Mesa, Arizona
WATERSHED	Lower Verde
SECTION/TOWNSHIP/RANGE	S16 T1N R7E
LATITUDE	N 33° 26' 11.9" +33.43664
LONGITUDE	W 111° 38' 52.8" -111.64799
STREAMGAGE INSTALLATION DATE	06/04/2008 - WY 2008
AVAILABLE PERIOD OF RECORD (POR)	06/04/2008 - Current
LENGTH OF AVAILABLE POR DATA	9.33 Years 3,406 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.27 feet Gage Height
STAFF GAGES	None
ZERO GAGE HEIGHT ELEVATION	1,571.75 feet NAVD 1988
POINT OF ZERO FLOW	0.00 feet Gage Height
DAM ELEVATIONS AS RELATED TO GAGE HEIGHT AT THIS SITE	
PRINCIPAL OUTLET ELEVATION	-3.65 feet Gage Height
UNGATED PRINCIPAL OUTLET INLET ELEV	5.75 feet Gage Height
MINIMUM FREEWAY LEVEE ELEVATION	10.35 feet Gage Height
SPILLWAY ELEVATION	12.15 feet Gage Height

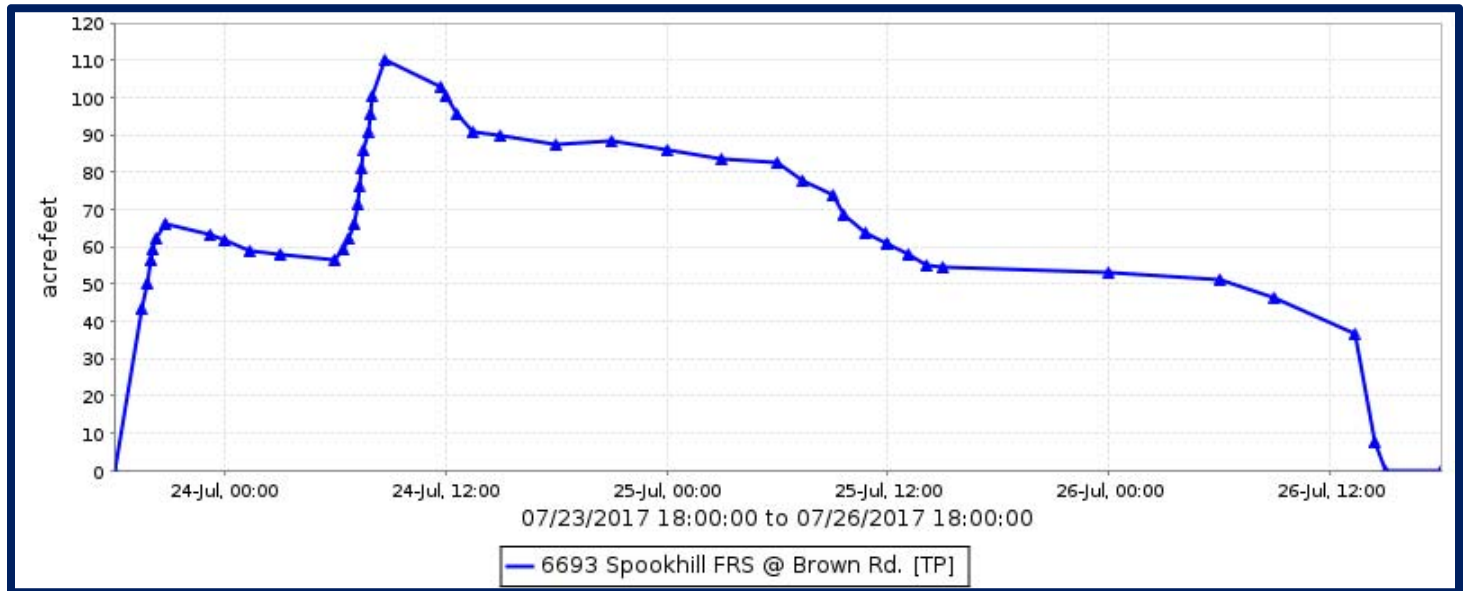
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
07/24/2017	2.21	109.9	3.2
08/03/2017	1.21	62.3	1.8

Hydrograph of peak WY 2017 impoundment event, 07/24/2017



Spookhill FRS at Brown Road, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3											11	
4											2	
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23										8		
24										46		
25										45		
26										27		
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	0	0	0	0	0	0	126	12	0
MEAN	0	0	0	0	0	0	0	0	0	4	0	0
MAX	0	0	0	0	0	0	0	0	0	47	45	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	250	24	0
WTR YR 2017	TOTAL	138	MEAN	0	MAX	47	MIN	0	AC_FT	274		

Spookhill FRS at Brown Road, volume data

Volume, in acre-feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3											13	
4											1	
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23										12		
24										83		
25										67		
26										30		
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	110	62	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2017	MEAN		1	MAX	110	MIN	0					

Spookhill FRS at Brown Road, stage data

Depth, in feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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	0.4	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	0.3	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	0.3
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	0.4	0.3	0.3
24	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	1.6	0.3	0.3
25	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	1.3	0.3	0.3
26	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.6	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	2.2	1.2	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 2017	MEAN	0.28	MAX	2.21	MIN	0.27						

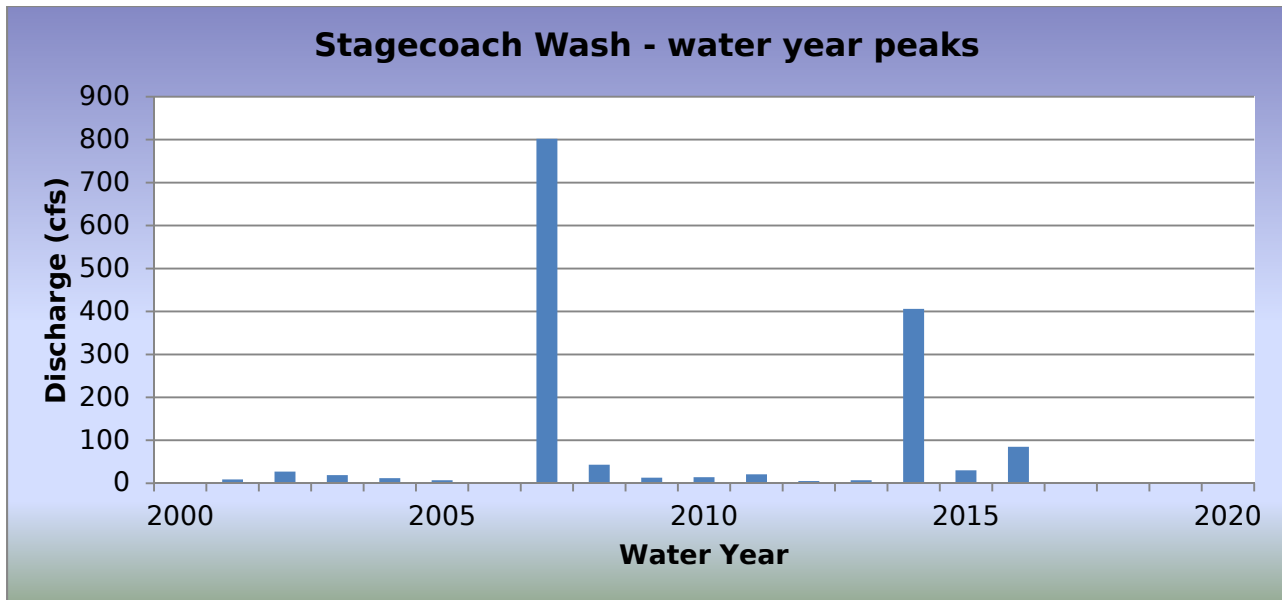
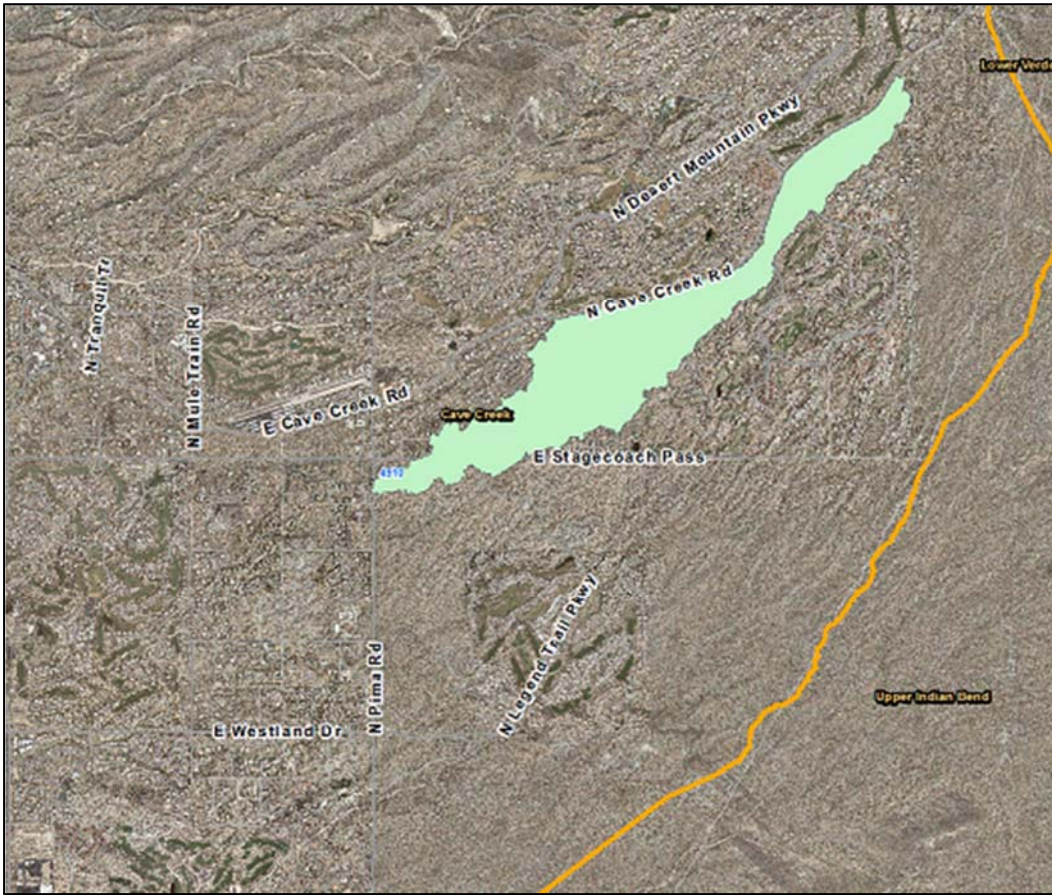
Stagecoach Wash, ID #4913



Site Data

LOCATION	On Pima Road about 1/4 miles south of Stagecoach Pass
DRAINAGE AREA	1.12 mi ²
STREAM TYPE	Culvert at natural stream
JURISDICTION	Scottsdale, Arizona
WATERSHED	Cave Creek
SECTION/TOWNSHIP/RANGE	S061 T5N R5E
LATITUDE	N 33° 48' 42.8" +33.81190
LONGITUDE	W 111° 53' 28.0" -111.89112
STREAMGAGE INSTALLATION DATE	06/13/2001 - WY 2001
AVAILABLE PERIOD OF RECORD (POR)	06/13/2001 - Current
LENGTH OF AVAILABE POR DATA	16.30 Years 5,954 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.59 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	2,549.00 feet NAVD 1988
POINT OF ZERO FLOW	0.5 feet Gage Height
EXTREME FOR PERIOD OF RECORD	802 cfs 5.10 feet 07/31/2007

Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
None		

Hydrograph of peak WY 2017 flow event

No runoff recorded at this gage in Water Year 2017.

Flood Flow Frequency

Flood Flow Frequency N=17, HEC-WRC computation (based on 17 years of data)					
2-year	5-year	10-year	20-year	50-year	100-year
18	72	157	308	677	1,170

Stagecoach Wash, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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		---			---		---		---			---
TOTAL	0	0	0	0	6	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	1	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	11	0	0	0	0	0	0	0
WTR YR 2017	TOTAL		6	MEAN	0	MAX	1	MIN	0	AC_FT		11

Stoneridge Dam, ID #5968



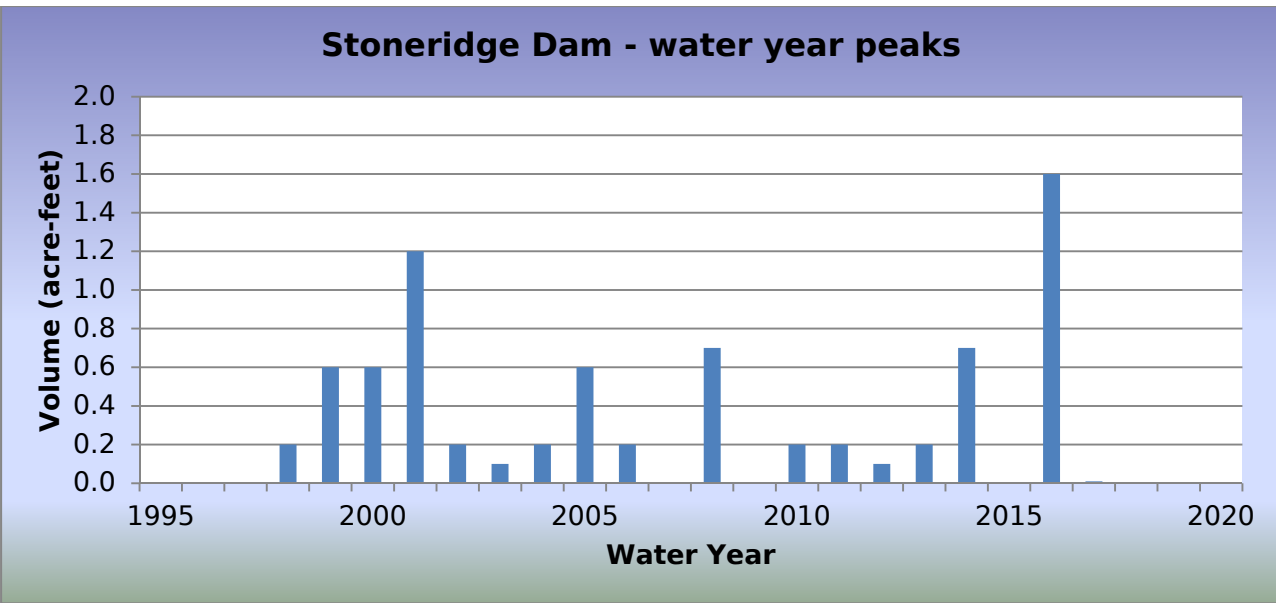
Site Data

LOCATION	About 1/2 mile north of Shea Boulevard, west of Fountain Hills Boulevard
DRAINAGE AREA	0.86 mi ²
STREAM TYPE	Dam of natural drainage
JURISDICTION	Fountain Hills, Arizona
WATERSHED	Lower Verde
SECTION/TOWNSHIP/RANGE	S22 T3N R6E
LATITUDE	N 33° 35' 40.1" +33.59448
LONGITUDE	W 111° 44' 00.0" -111.73332
STREAMGAGE INSTALLATION DATE	12/11/1996 - WY 1997
AVAILABLE PERIOD OF RECORD (POR)	12/11/1996 - Current
LENGTH OF AVAILABLE POR DATA	20.80 Years 7,599 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.87 feet Gage Height
STAFF GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,678.86 feet M.S.L.
POINT OF ZERO FLOW	0.00 feet Gage Height
SPILLWAY CREST ELEVATION	23.8 feet Gage Height
TOP OF DAM ELEVATION	31.1 feet Gage Height

Watershed Map



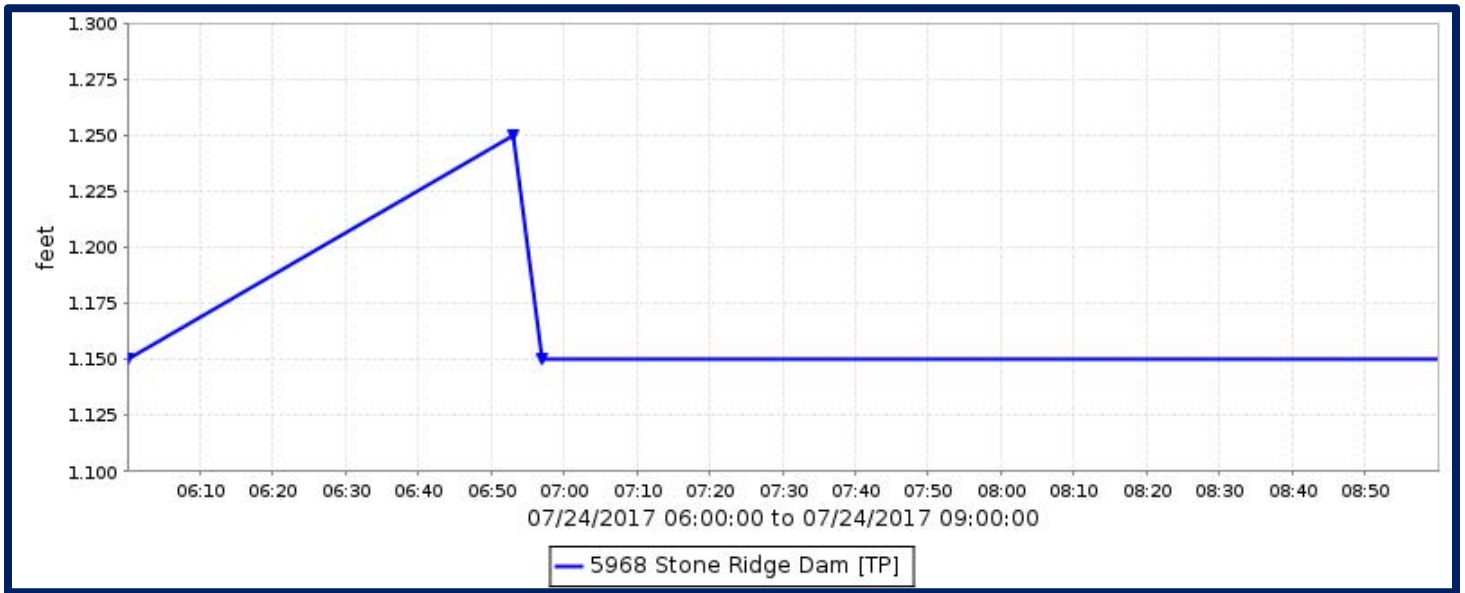
Stoneridge Dam - water year peaks



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
07/24/2017	1.25	0.0	0.0

Hydrograph of peak WY 2017 impoundment event, 07/24/2017



Stoneridge Dam, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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				1								
21												
22												
23												
24												
25												
26												
27												
28												
29							---					
30							---					
31		---					---		---			---
TOTAL	0	0	0	1	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	11	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	2	0	0	0	0	0	0	0	0
WTR YR 2017	TOTAL		1	MEAN	0	MAX	11	MIN	0	AC_FT		2

Stoneridge Dam, volume data

Volume, in acre-feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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	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 2017	MEAN		0	MAX	0	MIN	0					

Stoneridge Dam, stage data

Depth, in feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
3	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
4	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
5	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
6	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
7	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
8	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
9	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
10	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
11	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
12	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
13	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
14	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
15	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
16	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
17	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
18	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
19	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
20	1.1	1.1	1.1	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
21	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
22	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
23	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
24	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.1	1.1
25	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
26	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
27	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
28	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
29	1.1	1.1	1.1	1.1	---	1.1	1.1	1.1	1.1	1.1	1.1	1.1
30	1.1	1.1	1.1	1.1	---	1.1	1.1	1.1	1.1	1.1	1.1	1.1
31	1.1	---	1.1	1.1	---	1.1	---	1.1	---	1.1	1.1	---
MEAN	1.1	1.1	1.1	1.2	1.1	1.2	1.1	1.1	1.1	1.2	1.1	1.1
MAX	1.1	1.1	1.1	1.6	1.1	1.1	1.1	1.1	1.1	1.2	1.1	1.1
MIN	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
WTR YR 2017	MEAN	1.15	MAX	1.57	MIN	1.15						

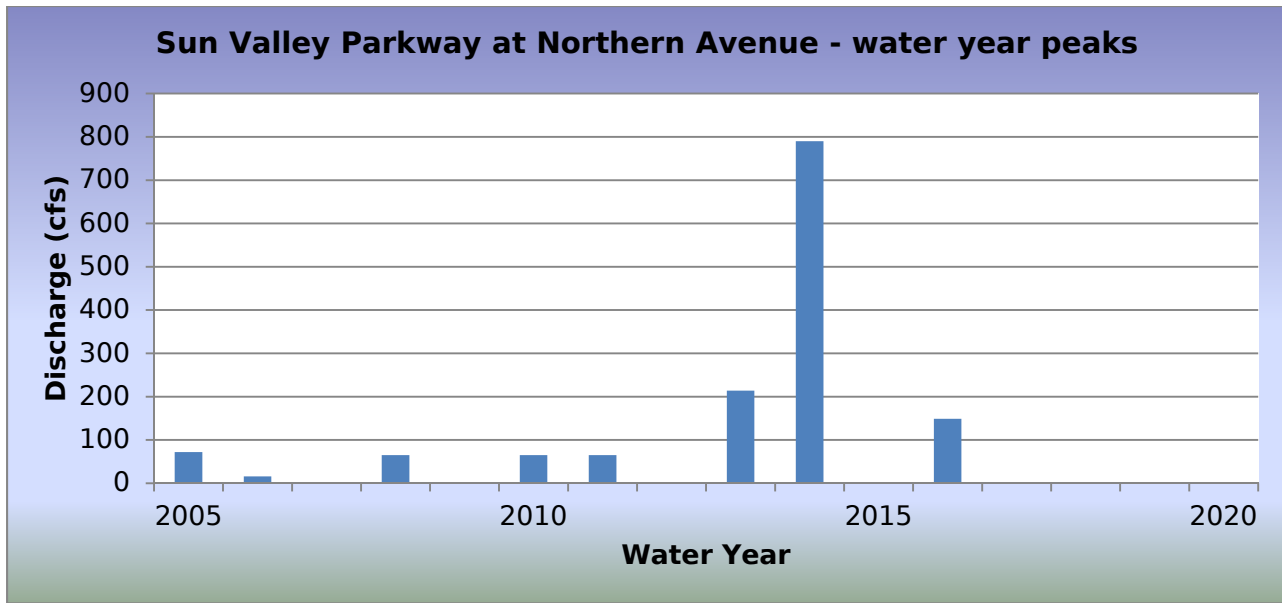
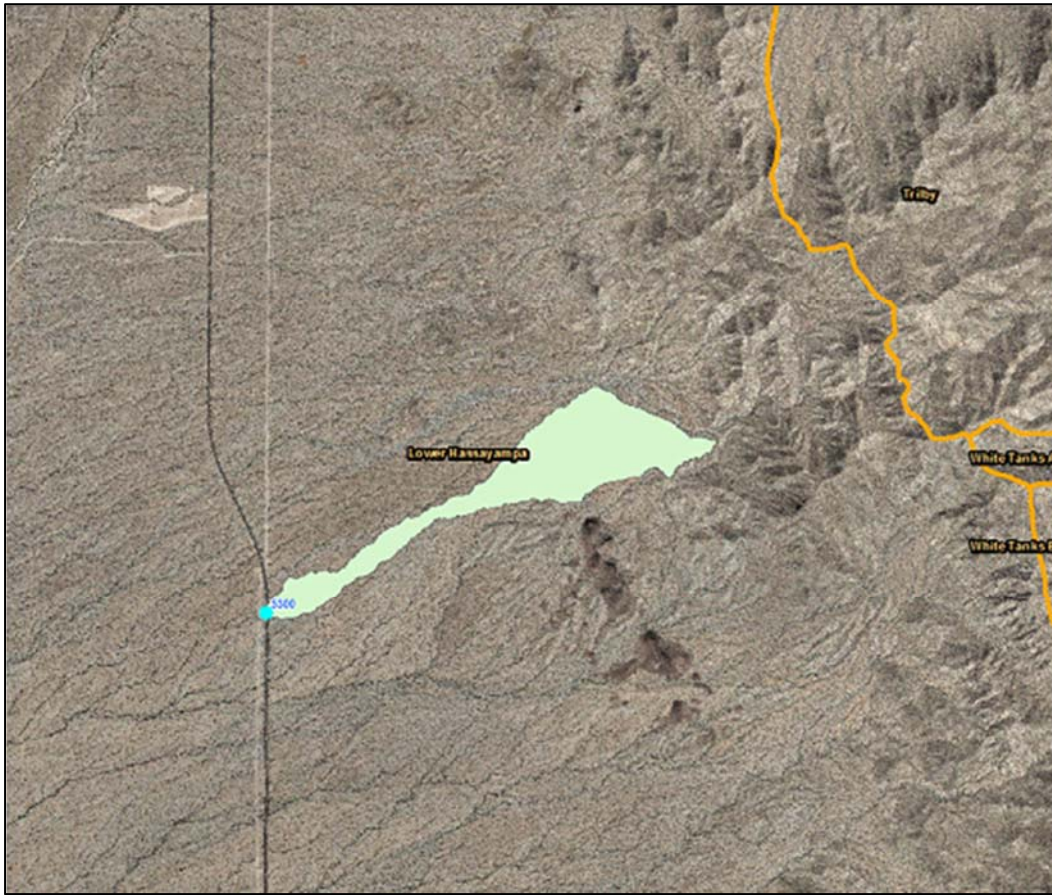
Sun Valley Parkway at Northern Avenue, ID #5303



Site Data

LOCATION	On Sun Valley Parkway near the Northern Avenue alignment
DRAINAGE AREA	1.4 mi ²
STREAM TYPE	Natural Stream
JURISDICTION	Maricopa County, Arizona
WATERSHED	Lower Hassayampa
SECTION/TOWNSHIP/RANGE	S32 T3N R4W
LATITUDE	N 33° 33' 12.4" +33.55345
LONGITUDE	W 112° 40' 40.9" -112.67803
STREAMGAGE INSTALLATION DATE	08/02/2005 - WY 2005
AVAILABLE PERIOD OF RECORD (POR)	08/02/2005 - Current
LENGTH OF AVAILABLE POR DATA	12.16 Years 4,443 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.15 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	0.0 feet Gage Height
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	214 cfs 0.90 feet 09/10/2013

Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
None		

Hydrograph of peak WY 2017 flow event

There was no runoff recorded by this gage in Water Year 2017.

Flood Flow Frequency

There is not enough data to compute a flood flow frequency for this gage station.

Sun Valley Parkway at Northern, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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	1											
14												
15												
16												
17												
18					3							
19												
20												
21												
22												
23												
24												
25							2					
26												
27												
28												
29					---							
30					---							
31		---			---		---		---		---	
TOTAL	1	0	0	0	3	0	2	0	0	0	3	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	326	0	0	0	52	0	29	0	0	0	2	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	1	0	0	0	6	0	3	0	0	0	7	0
WTR YR 2017	TOTAL		9	MEAN	0	MAX	326	MIN	0	AC_FT		17

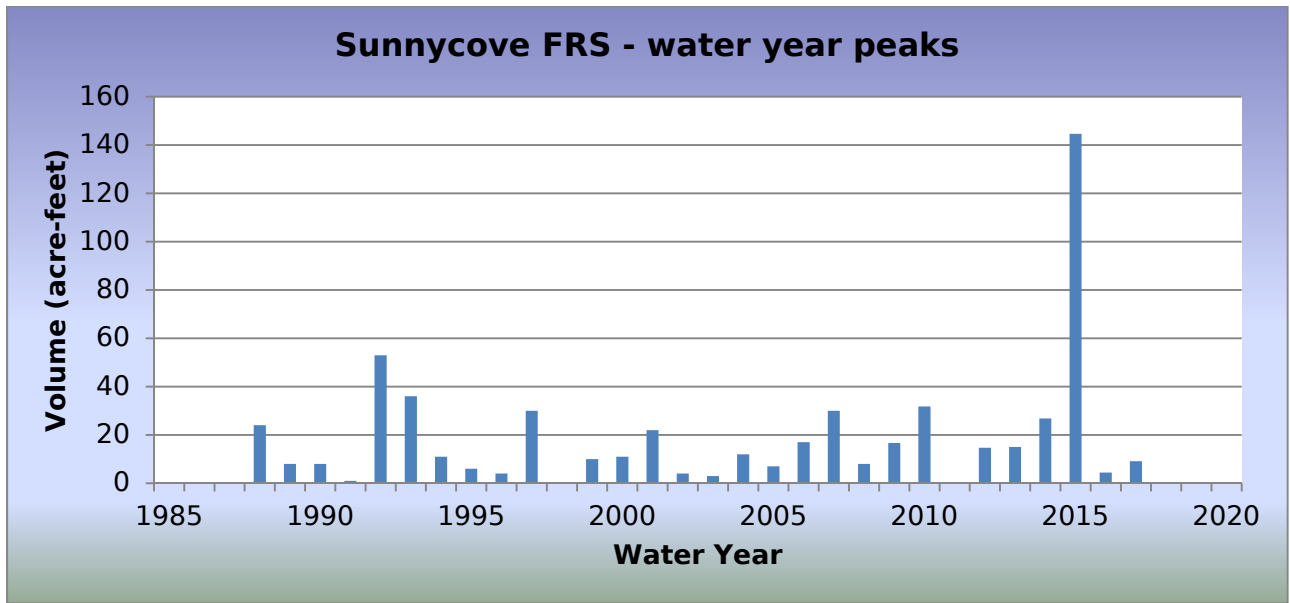
Sunnycove FRS, ID #5248



Site Data

LOCATION	In Wickenburg south of US 60 near the cemetery
DRAINAGE AREA	1.35 mi ²
STREAM TYPE	Dam of natural drainage
JURISDICTION	Wickenburg, Arizona
WATERSHED	Lower Hassayampa
SECTION/TOWNSHIP/RANGE	S11 T7N R5W
LATITUDE	N 33° 57' 26.1" +33.95725
LONGITUDE	W 112° 44' 23.2" -112.73978
STREAMGAGE INSTALLATION DATE	07/01/1986 - WY 1986
AVAILABLE PERIOD OF RECORD (POR)	12/16/1988 - Current
LENGTH OF AVAILABLE POR DATA	28.79 Years 10,516 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.00 feet Gage Height
STAFF GAGES	10
ZERO GAGE HEIGHT ELEVATION	2,135.10 feet NAVD 1988
POINT OF ZERO FLOW (GATED ORIFICE)	-5.0 feet Gage Height
POINT OF ZERO FLOW (UNGATED ORIFICE)	15.0 feet Gage Height
POINT OF ZERO FLOW (PRINCIPAL OUTLET TOWER)	36.5 feet Gage Height
SPILLWAY ELEVATION	37.1 feet Gage Height
TOP OF DAM ELEVATION	45.0 feet Gage Height

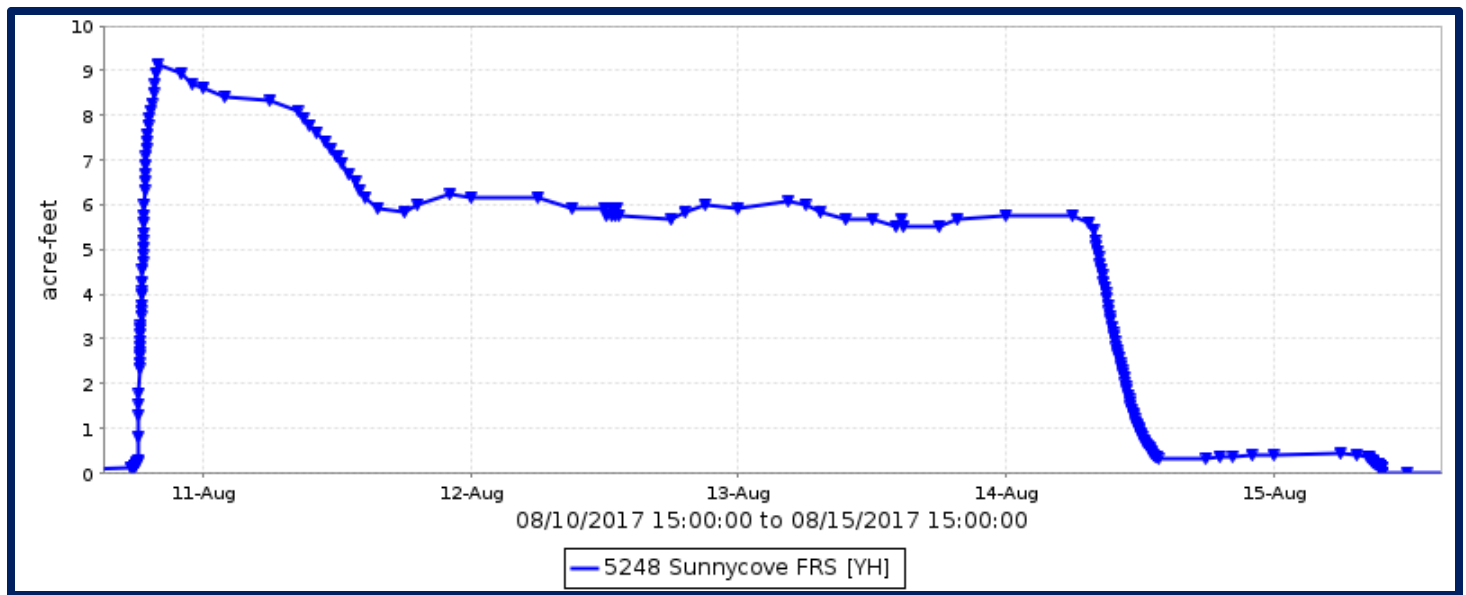
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
12/25/2016	1.91	0.2	0.1
01/04/2017	2.20	0.3	0.1
01/21/2017	3.28	0.5	0.3
07/15/2017	0.98	0.1	0.0
07/18/2017	4.16	0.9	0.4
08/10/2017	11.20	9.1	4.2
08/17/2017	1.42	0.2	0.0
09/09/2017	1.86	0.2	0.0

Hydrograph of peak WY 2017 impoundment event, 08/10/2017



Sunnycove FRS, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values														
	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		---			---		---		---			---			
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 2017	TOTAL		0	MEAN		0	MAX		0	MIN		0	AC_FT		0

Sunnycove FRS, volume data

Volume, in acre-feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2				---								
3												
4												
5												
6												
7												
8												
9												
10											2	
11											7	
12											6	
13											6	
14											3	
15												
16												
17												
18												
19												
20												
21				1								
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
MEAN	0	0	0	0	0	0	0	0	0	0	1	0
MAX	0	0	0	1	0	0	0	0	0	1	9	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2017	MEAN		0	MAX	9	MIN	0					

Sunnycove FRS, stage data

Depth, in feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.0	0.0	0.0	1.5	2.4	0.0	0.0	0.0	0.0	0.0	1.3	0.0
2	0.0	0.0	0.3	---	2.4	0.0	0.0	0.0	0.0	0.0	1.3	0.0
3	0.0	0.0	0.6	2.1	2.4	0.0	0.0	0.0	0.0	0.0	1.3	0.0
4	0.0	0.0	0.6	2.1	2.3	0.0	0.0	0.0	0.0	0.0	1.3	0.0
5	0.0	0.0	0.5	2.1	2.2	0.0	0.0	0.0	0.0	0.0	1.2	0.0
6	0.0	0.0	0.4	2.0	2.2	0.0	0.0	0.0	0.0	0.0	1.2	0.0
7	0.0	0.0	0.3	2.0	2.1	0.0	0.0	0.0	0.0	0.0	1.2	0.0
8	0.0	0.0	0.2	1.9	2.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0
9	0.0	0.0	0.1	2.0	2.0	0.0	0.0	0.0	0.0	0.0	1.1	1.3
10	0.0	0.0	0.0	1.9	2.0	0.0	0.0	0.0	0.0	0.0	3.4	1.7
11	0.0	0.0	0.0	1.9	1.9	0.0	0.0	0.0	0.0	0.0	10.1	1.7
12	0.0	0.0	0.0	1.9	1.9	0.0	0.0	0.0	0.0	0.0	9.4	1.7
13	0.0	0.0	0.0	1.9	0.8	0.0	0.0	0.0	0.1	0.0	9.2	0.7
14	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	5.6	0.0
15	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.2	1.5	0.0
16	0.0	0.0	0.1	1.8	0.0	0.0	0.0	0.0	0.0	0.7	1.2	0.0
17	0.0	0.0	0.5	1.8	0.0	0.0	0.0	0.0	0.0	0.4	1.1	0.0
18	0.0	0.0	0.3	1.8	0.0	0.0	0.0	0.0	0.0	0.9	0.3	0.0
19	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	2.1	0.2	0.0
20	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
21	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	1.2	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	1.3	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	1.3	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	1.7	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	1.8	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	1.7	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.8	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	2.6	---	0.0	0.0	0.0	0.0	0.6	0.0	0.0
30	0.0	0.0	0.3	2.6	---	0.0	0.0	0.0	0.0	1.4	0.0	0.0
31	0.0	---	1.4	2.5	---	0.0	---	0.0	---	1.3	0.0	---
MEAN	0.0	0.0	0.5	2.3	1.0	0.0	0.0	0.0	0.0	0.3	1.7	0.2
MAX	0.0	0.0	1.9	3.3	2.6	0.1	0.0	0.0	0.1	4.2	11.2	1.9
MIN	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WTR YR 2017	MEAN	0.49	MAX	11.20	MIN	0.00						

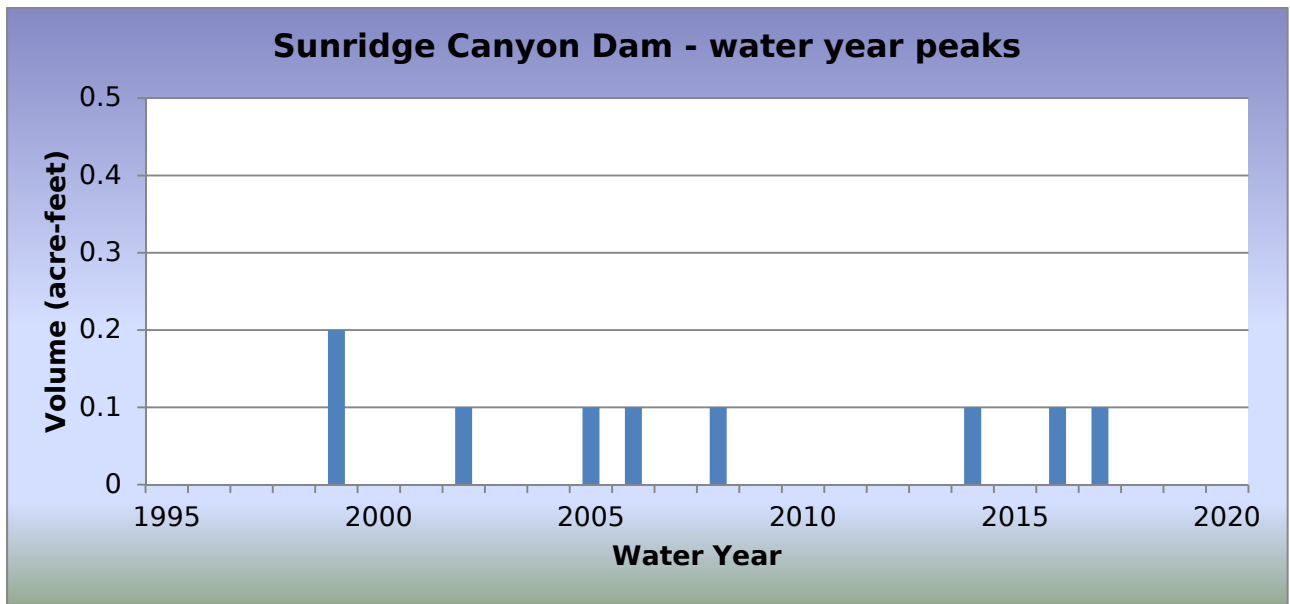
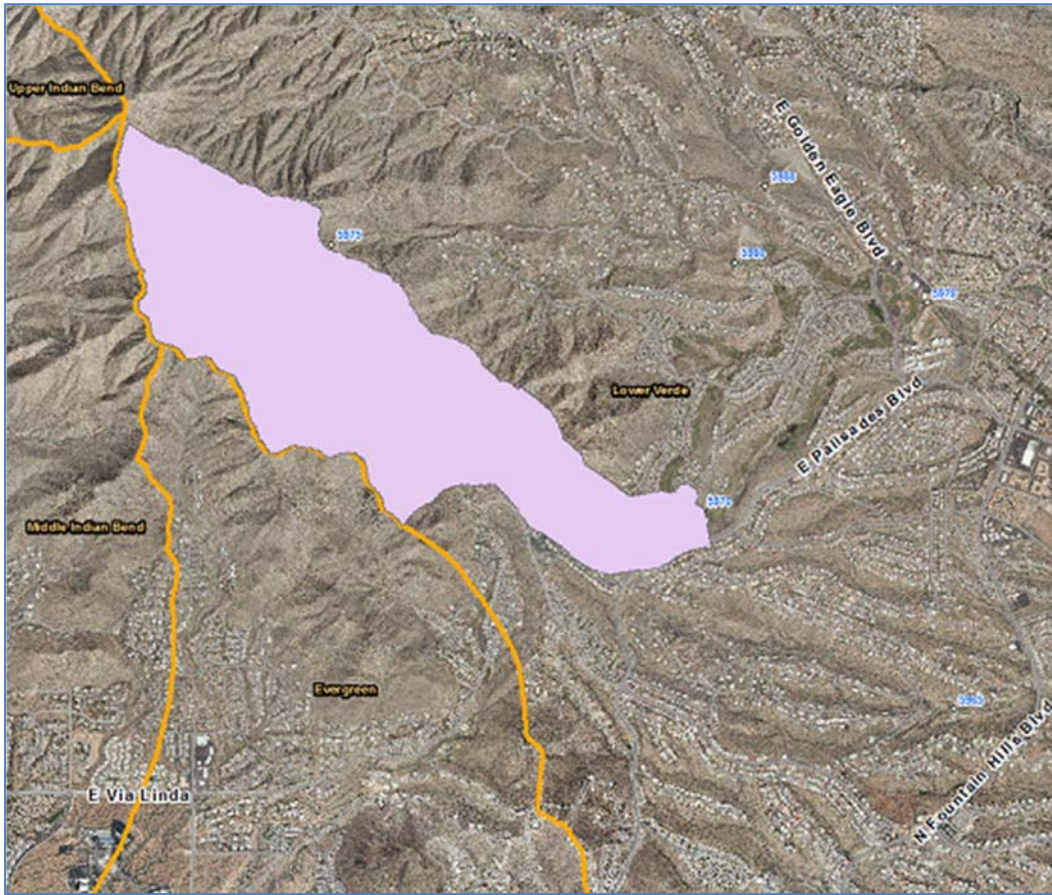
Sunridge Canyon Dam, ID #5973



Site Data

LOCATION	Near the Sunridge Canyon Golf Course
DRAINAGE AREA	1.60 mi ²
STREAM TYPE	Dam of natural drainage
JURISDICTION	Fountain Hills, Arizona
WATERSHED	Lower Verde
SECTION/TOWNSHIP/RANGE	S16 T3N R6E
LATITUDE	N 33° 36' 23.1" +33.60641
LONGITUDE	W 111° 45' 04.0" -111.75112
STREAMGAGE INSTALLATION DATE	02/04/1997 - WY 1997
AVAILABLE PERIOD OF RECORD (POR)	02/04/1997 - Current
LENGTH OF AVAILABLE POR DATA	20.65 Years 7,544 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	1.36 feet Gage Height
STAFF GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,884.66 feet M.S.L.
POINT OF ZERO FLOW	0.00 feet Gage Height
SPILLWAY CREST ELEVATION	40.1 feet Gage Height
TOP OF DAM ELEVATION	47.7 feet Gage Height

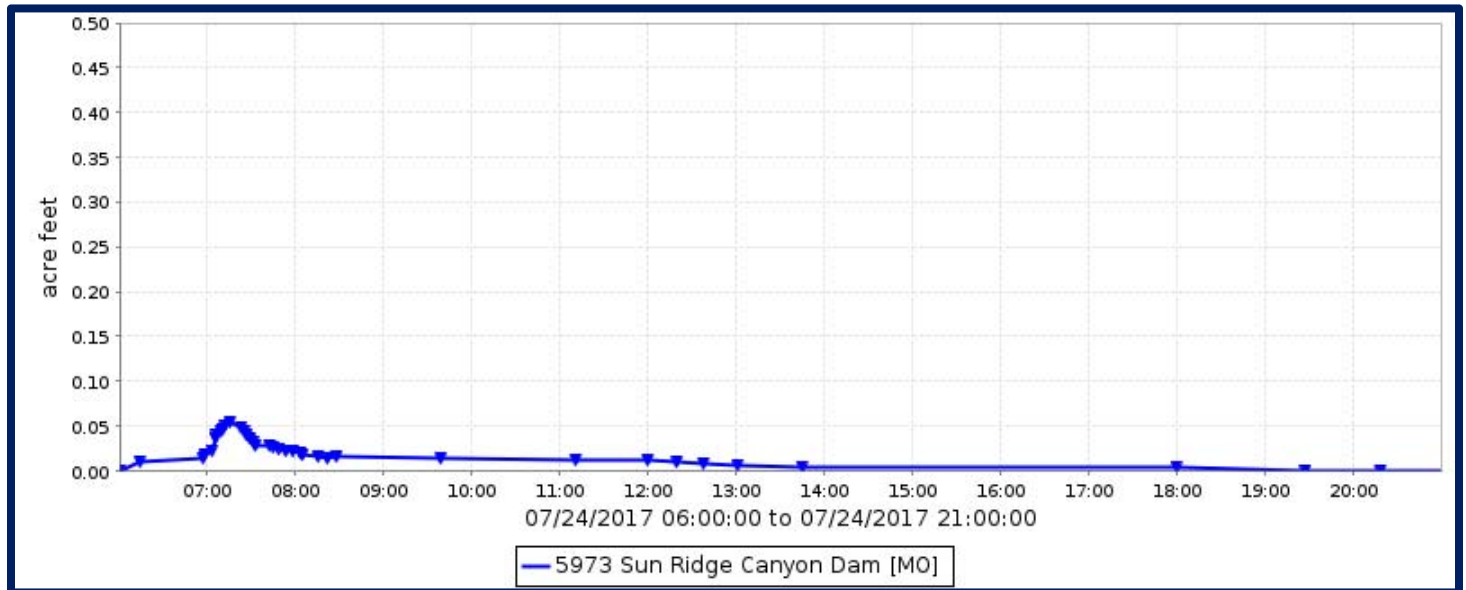
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
12/22/2016	3.17	0.0	0.0
01/03/2017	1.71	0.0	0.0
01/20/2017	3.03	0.0	0.0
02/28/2017	2.39	0.0	0.0
07/24/2017	4.54	0.1	0.1

Hydrograph of peak WY 2017 impoundment event, 07/24/2017



Sunridge Canyon Dam, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2				18								
3				4								
4												
5												
6												
7												
8												
9												
10												
11						---						
12						---						
13	9					---						
14						---						
15						---						
16												
17												
18												
19												
20				4								
21												
22			6									
23												
24										23		
25												
26												
27												
28					6							
29					---							
30					---							
31		---			---		---		---			---
TOTAL	9	0	6	27	6	0	0	0	0	23	0	0
MEAN	0	0	0	1	0	0	0	0	0	1	0	0
MAX	47	0	54	53	48	0	0	0	0	83	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	19	0	11	53	12	0	0	0	0	46	0	0
WTR YR 2017	TOTAL		71	MEAN	0	MAX	83	MIN	0	AC_FT	141	

Sunridge Canyon Dam, volume data

Volume, in acre-feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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	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 2017	MEAN		0	MAX	0	MIN	0					

Sunridge Canyon Dam, stage data

Depth, in feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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	1.4	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
12	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
14	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
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	1.4
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	1.7	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	2.3	1.4	3.2	3.0	2.4	1.4	1.4	1.4	1.4	4.5	1.4	1.4
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 2017	MEAN	1.36	MAX	4.54	MIN	1.36						

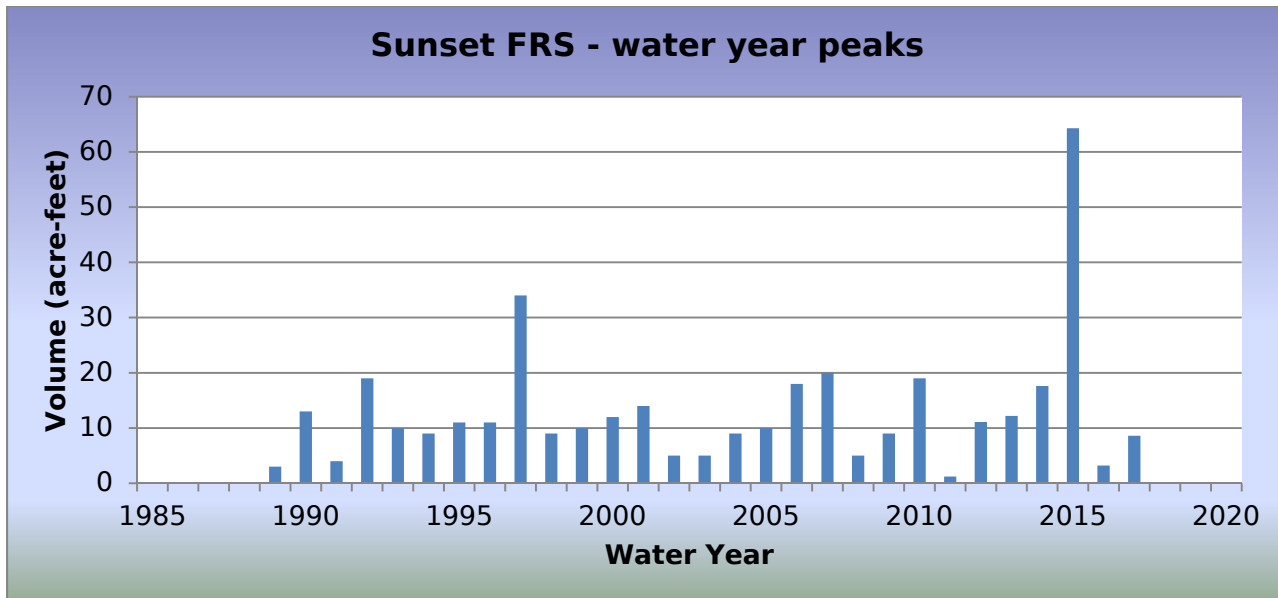
Sunset FRS, ID #5233



Site Data

LOCATION	In Wickenburg near US 60 and Mariposa Drive
DRAINAGE AREA	0.95 mi ²
STREAM TYPE	Dam of natural drainage
JURISDICTION	Wickenburg, Arizona
WATERSHED	Lower Hassayampa
SECTION/TOWNSHIP/RANGE	S11 T7N R5W
LATITUDE	N 33° 57' 53.7" +33.96491
LONGITUDE	W 112° 44' 32.6" -112.74238
STREAMGAGE INSTALLATION DATE	02/12/1989 - WY 1989
AVAILABLE PERIOD OF RECORD (POR)	02/12/1989 - Current
LENGTH OF AVAILABLE POR DATA	28.63 Years 10,458 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.10 feet Gage Height
STAFF GAGES	7
ZERO GAGE HEIGHT ELEVATION	2,114.01 feet NAVD 1988
POINT OF ZERO FLOW (GATED ORIFICE)	0.0 feet Gage Height
POINT OF ZERO FLOW (UNGATED ORIFICE)	8.75 feet Gage Height
POINT OF ZERO FLOW (PRINCIPAL OUTLET TOWER)	19.75 feet Gage Height
SPILLWAY ELEVATION	18.85 feet Gage Height
TOP OF DAM ELEVATION	30.0 feet Gage Height

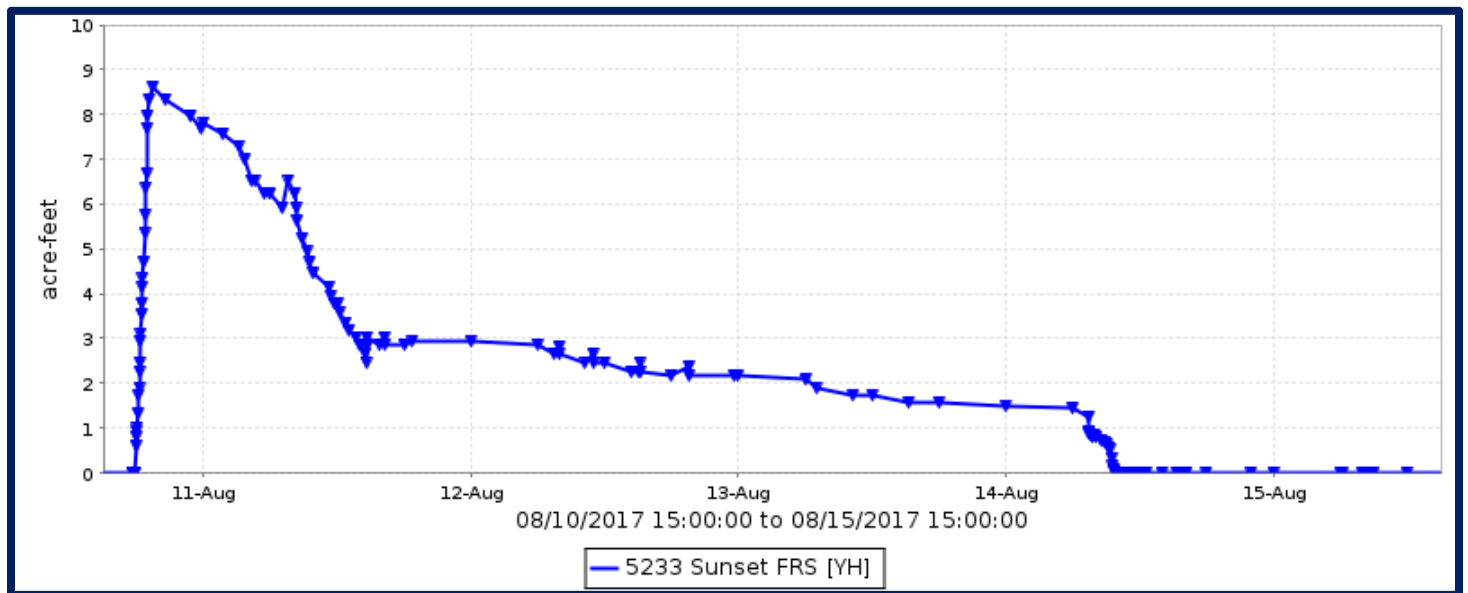
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
11/20/2016	3.43	0.7	0.8
12/22/2016	3.72	0.8	1.0
12/31/2016	3.43	0.7	0.8
01/20/2017	2.04	0.0	0.0
02/18/2017	1.94	0.0	0.0
02/28/2017	1.74	0.0	0.0
07/15/2017	3.86	0.9	1.2
07/18/2017	5.22	2.9	3.9
07/29/2017	4.00	1.0	1.3
08/10/2017	7.52	8.6	11.2
09/09/2017	4.64	1.9	2.6

Hydrograph of peak WY 2017 impoundment event, 08/10/2017



Sunset FRS, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				50		470						
2						121						
3												
4												
5												
6					---							
7												
8												
9												
10											43	
11											19	
12												
13												
14												
15												
16												
17												
18												
19												
20												
21				537								
22				296								
23				80								
24												
25								50				
26								7				
27												
28					855							
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	962	855	591	57	0	0	0	63	0
MEAN	0	0	0	31	31	19	2	0	0	0	2	0
MAX	0	0	0	1696	2841	689	975	0	0	0	975	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	1909	1695	1172	112	0	0	0	124	0
WTR YR 2017	TOTAL	2527	MEAN	7	MAX	2841	MIN	0	AC_FT	5013		

Sunset FRS, volume data

Volume, in acre-feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				---								
2				---								
3												
4												
5												
6												
7												
8												
9												1
10											2	1
11											5	1
12											3	
13											2	
14											1	
15												
16										1		
17												
18										1		
19										1		
20												
21												
22			1									
23												
24												
25			1									
26												
27												
28												
29					---							
30					---					1		
31		---	1		---		---		---			---
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	1	1	0	0	0	0	0	0	3	9	2
MIN	0	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2017	MEAN		0	MAX	9	MIN	0					

Sunset FRS, stage data

Depth, in feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.1	0.1	1.8	---	0.5	1.5	0.1	0.1	0.1	0.1	2.3	0.1
2	0.1	0.1	1.6	---	0.4	0.6	0.1	0.1	0.1	0.1	1.9	0.1
3	0.1	0.1	1.5	2.8	0.3	0.1	0.1	0.1	0.1	0.1	1.5	0.1
4	0.1	0.1	1.3	2.6	0.2	0.1	0.1	0.1	0.1	0.1	1.3	0.1
5	0.1	0.1	1.2	2.3	0.1	0.1	0.1	0.1	0.1	0.1	1.3	0.1
6	0.1	0.1	1.1	1.9	0.1	0.1	0.1	0.1	0.1	0.1	1.1	0.1
7	0.1	0.1	0.9	1.7	0.1	0.1	0.1	0.1	0.1	0.1	0.9	0.1
8	0.1	0.1	0.8	1.3	0.1	0.1	0.1	0.1	0.1	0.1	0.6	0.1
9	0.1	0.1	0.6	1.1	0.1	0.1	0.1	0.1	0.1	0.1	0.3	3.3
10	0.1	0.1	0.5	0.8	0.1	0.1	0.1	0.1	0.1	0.1	1.9	3.7
11	0.1	0.1	0.3	0.6	0.1	0.1	0.1	0.1	0.1	0.1	6.0	3.4
12	0.1	0.1	0.1	0.3	0.1	0.1	0.1	0.1	0.1	0.1	5.0	2.9
13	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	4.6	1.1
14	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	2.2	0.1
15	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1.0	0.4	0.1
16	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	3.1	0.1	0.1
17	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	2.7	0.1	0.1
18	0.1	0.1	0.1	0.1	0.4	0.1	0.1	0.1	0.1	3.0	0.1	0.1
19	0.1	0.1	0.1	0.1	1.8	0.1	0.1	0.1	0.1	4.1	0.1	0.1
20	0.1	0.8	0.1	0.5	1.6	0.1	0.1	0.1	0.1	1.4	0.1	0.1
21	0.1	2.8	0.1	1.9	1.4	0.1	0.1	0.1	0.1	0.3	0.1	0.1
22	0.1	2.5	3.1	1.7	1.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
23	0.1	2.2	3.0	1.5	1.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
24	0.1	2.0	2.7	1.4	1.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
25	0.1	1.9	3.3	1.3	0.9	0.1	0.1	0.1	0.1	0.1	0.1	0.1
26	0.1	1.7	3.0	1.1	0.8	0.1	0.1	0.1	0.1	0.1	0.1	0.1
27	0.1	1.8	2.6	1.0	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1
28	0.1	2.3	2.0	0.9	1.6	0.1	0.1	0.1	0.1	0.1	0.1	0.1
29	0.1	2.1	1.3	0.7	---	0.1	0.1	0.1	0.1	1.5	0.1	0.1
30	0.1	1.9	1.4	0.6	---	0.1	0.1	0.1	0.1	3.3	0.1	0.1
31	0.1	---	3.2	0.6	---	0.1	---	0.1	---	2.7	0.1	---
MEAN	0.1	0.8	1.2	1.0	0.5	0.2	0.1	0.1	0.1	0.8	1.1	0.6
MAX	0.1	3.4	3.7	2.8	1.9	1.6	0.1	0.1	0.1	5.2	7.5	4.6
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 2017	MEAN	0.56	MAX	7.52	MIN	0.10						

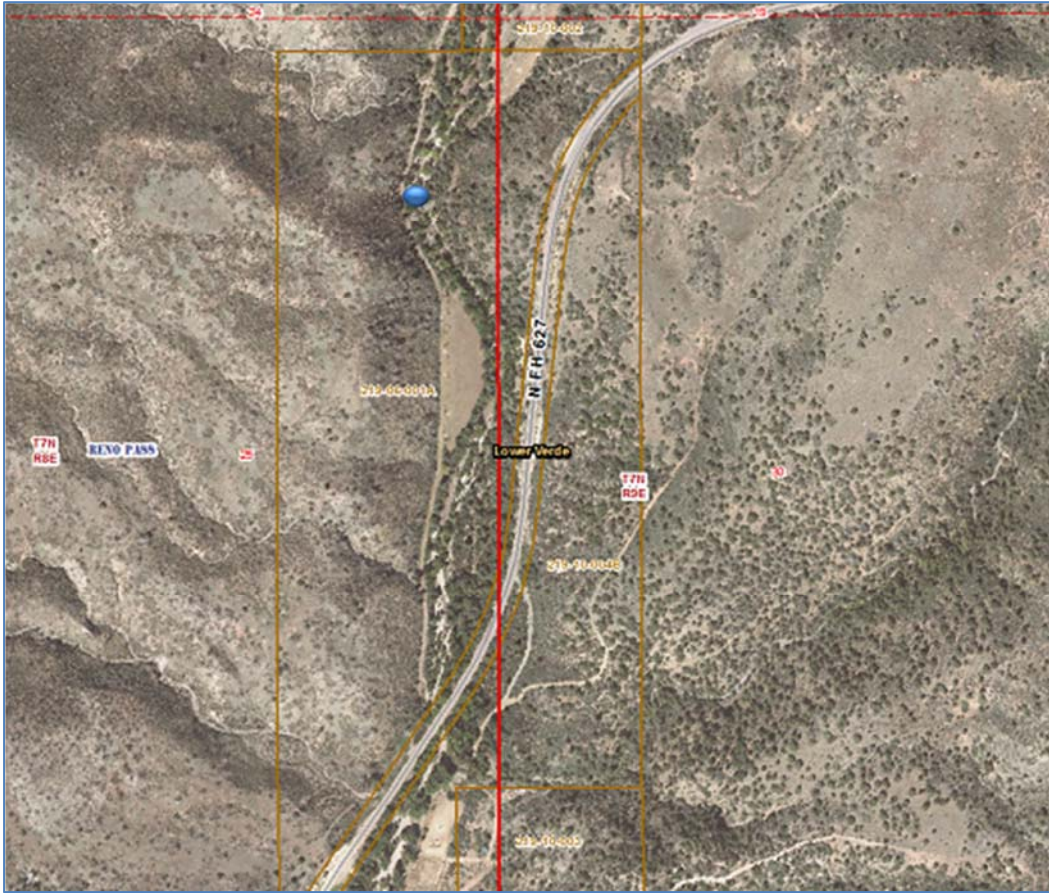
Sycamore Creek Fire, ID #5871/5873



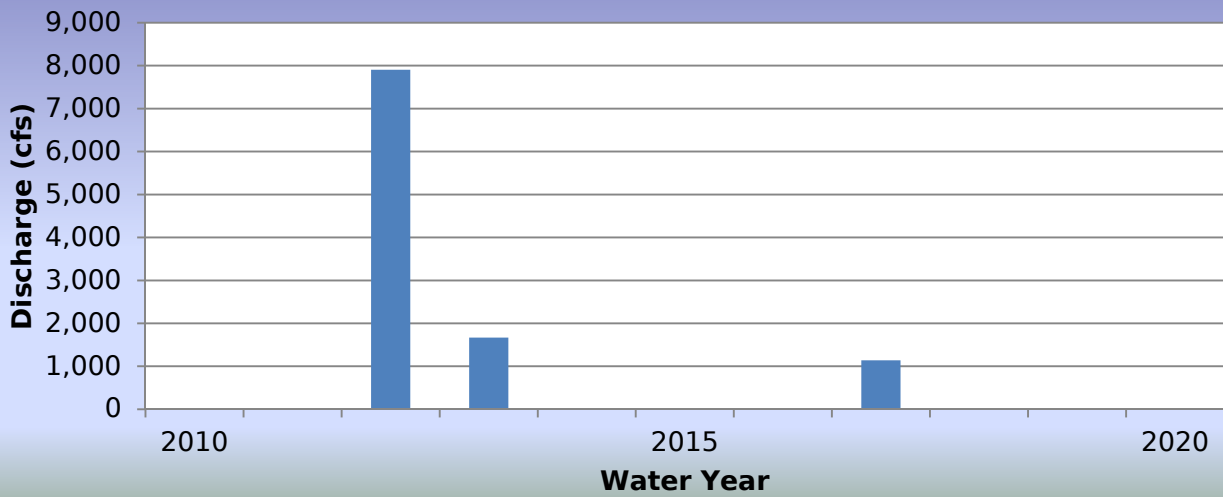
Site Data

LOCATION	Located near town of Sunflower, Arizona
DRAINAGE AREA	20.2 mi ²
STREAM TYPE	Natural Stream
JURISDICTION	Maricopa County, Arizona
WATERSHED	Lower Verde
SECTION/TOWNSHIP/RANGE	S25 T7N R8E
LATITUDE	N 33° 55' 34.8" +33.92634
LONGITUDE	W 111° 28' 46.0" -111.47944
STREAMGAGE INSTALLATION DATE	06/26/2012 - WY 2012
AVAILABLE PERIOD OF RECORD (POR)	06/26/2012 - Current
LENGTH OF AVAILABLE POR DATA	5.26 Years 1,923 Days
DATA GAPS IN POR	None
STATUS SENSOR (5872) ELEVATION	2.15 feet Gage Height
RADAR GAGE (5871) GROUND ELEVATION BELOW SENSOR	3.8 feet Gage Height
TRANSDUCER GAGE (5873) ELEVATION	7.26 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	0.00 feet Gage Height
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	7,906 cfs 11.96 feet gage height 08/16/2012

Location Map



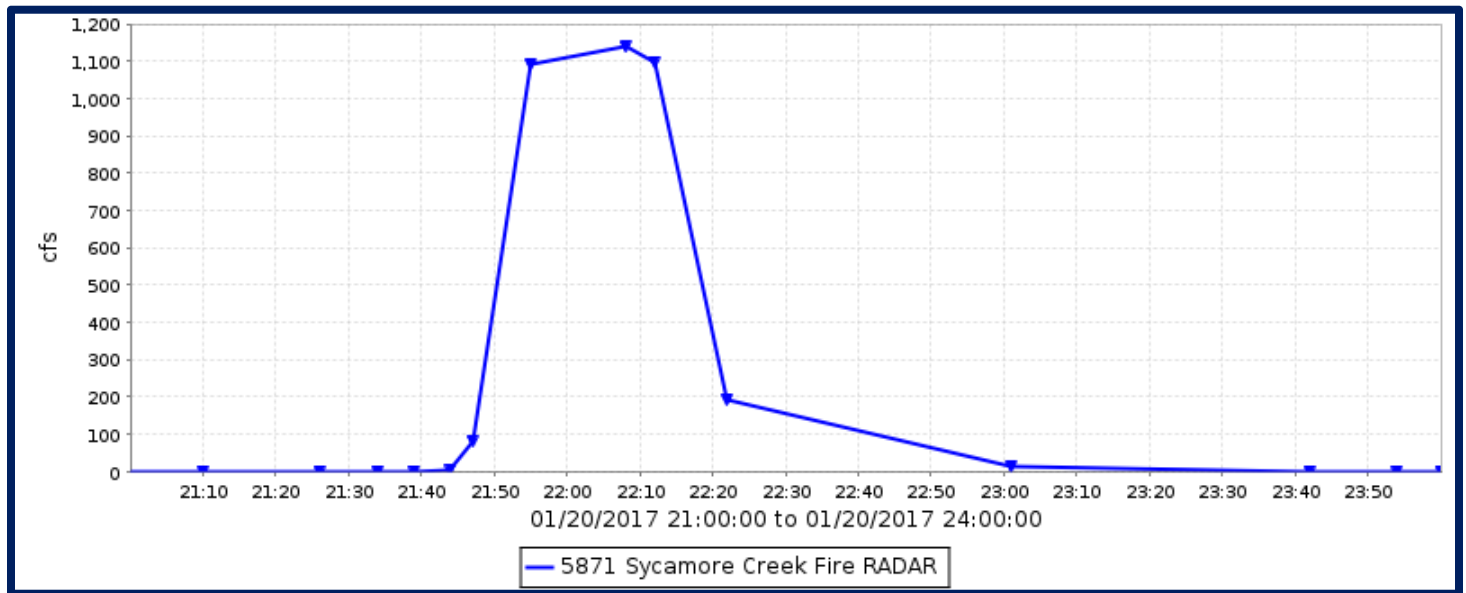
Sycamore Creek Fire - water year peaks



WY2017 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
01/20/2017	5.14	1,138
01/21/2017	4.96	373

Hydrograph of peak WY 2017 flow event, 01/20/2017



Flood Flow Frequency

There is not enough data to compute a flood flow frequency for this gage station.

Sycamore Creek Fire, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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				27								
21				2								
22												
23												
24												
25												
26												
27												
28												
29							---					
30							---					
31		---					---		---			---
TOTAL	0	0	0	29	0	0	0	0	0	0	0	0
MEAN	0	0	0	1	0	0	0	0	0	0	0	0
MAX	0	0	0	1138	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	57	0	0	0	0	0	0	0	0
WTR YR 2017	TOTAL		29	MEAN	0	MAX	1138	MIN	0	AC_FT		57

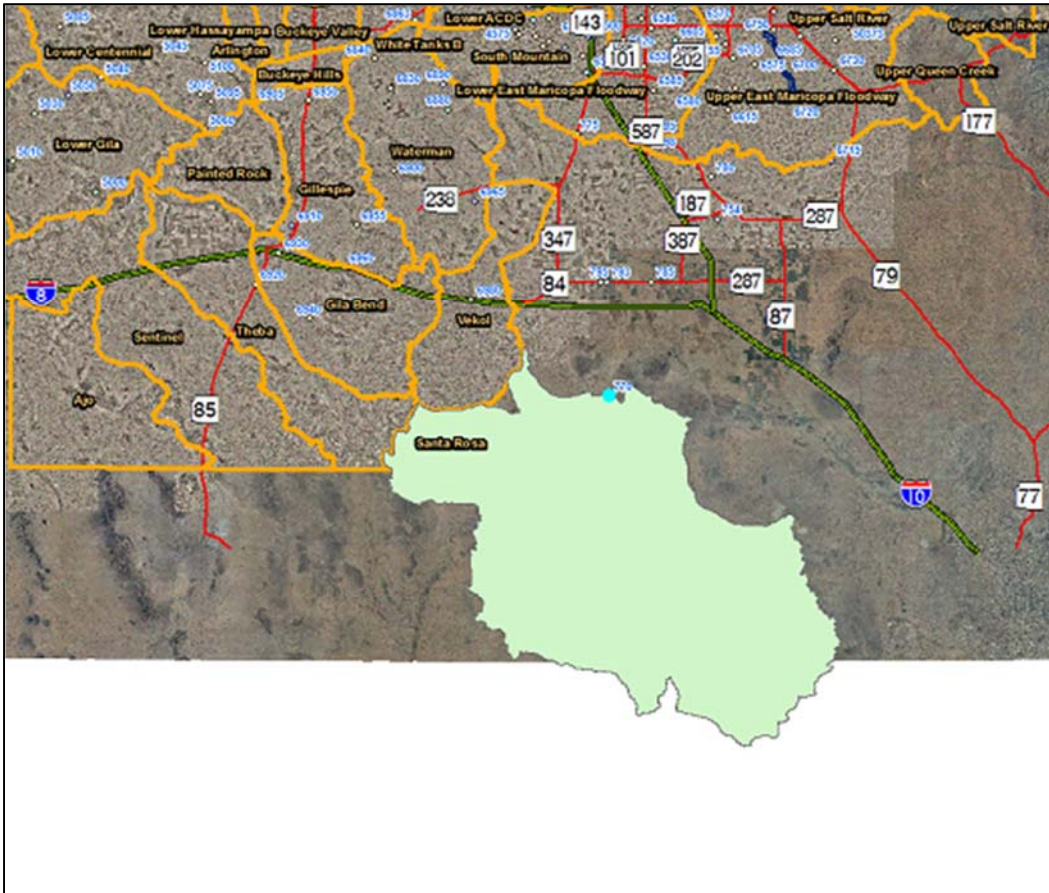
Tat Momolikot Dam, ID #0773



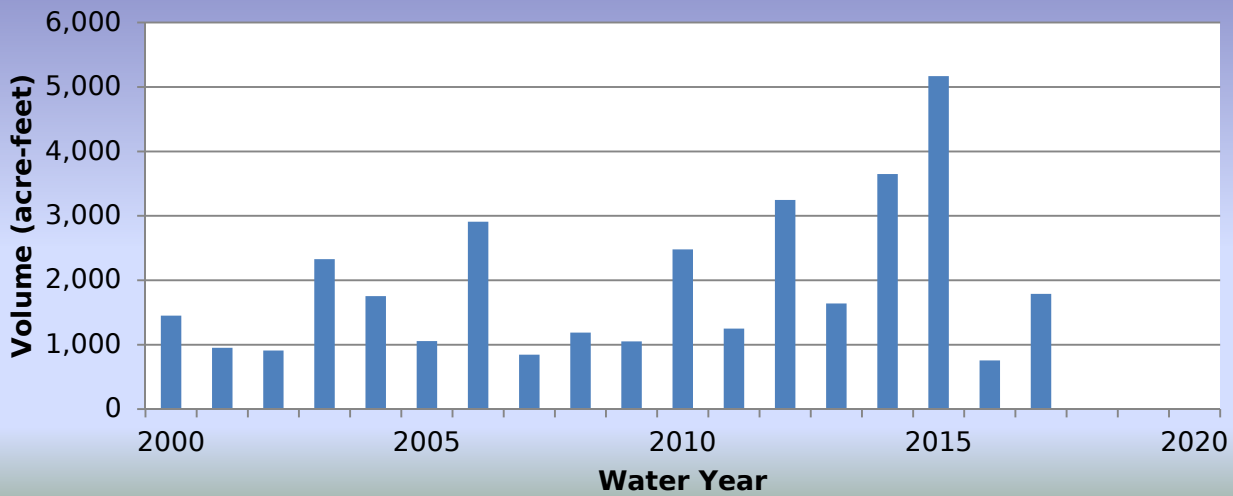
Site Data

LOCATION	On the Tohono O'Odham Reservation west of Eloy
DRAINAGE AREA	1,780 mi ²
STREAM TYPE	Dam of natural drainage
JURISDICTION	Tohono O'Odham Reservation, Arizona
WATERSHED	Santa Rosa
SECTION/TOWNSHIP/RANGE	S14 T9S R4E
LATITUDE	N 32° 39' 00.6" +32.65016
LONGITUDE	W 111° 55' 42.0" -111.92833
STREAMGAGE INSTALLATION DATE	01/21/1998 - WY 1998
AVAILABLE PERIOD OF RECORD (POR)	01/19/2000 - Current
LENGTH OF AVAILABLE POR DATA	17.70 Years 6,465 Days
DATA GAPS IN POR	01/21/1998 - 01/19/2000
STAGE GAGE ELEVATION	0.81 Feet Gage Height
ZERO GAGE HEIGHT ELEVATION	1,485.00 feet M.S.L.
PZF (LOW GATED ORIFICE)	0.0 Feet Gage Height
PZF (MIDDLE GATED ORIFICE)	8.0 Feet Gage Height
PZF (UPPER GATED ORIFICE)	16.0 Feet Gage Height
SPILLWAY ELEVATION	54.0 feet Gage Height
TOP OF DAM ELEVATION	72.5 feet Gage Height

Watershed Map



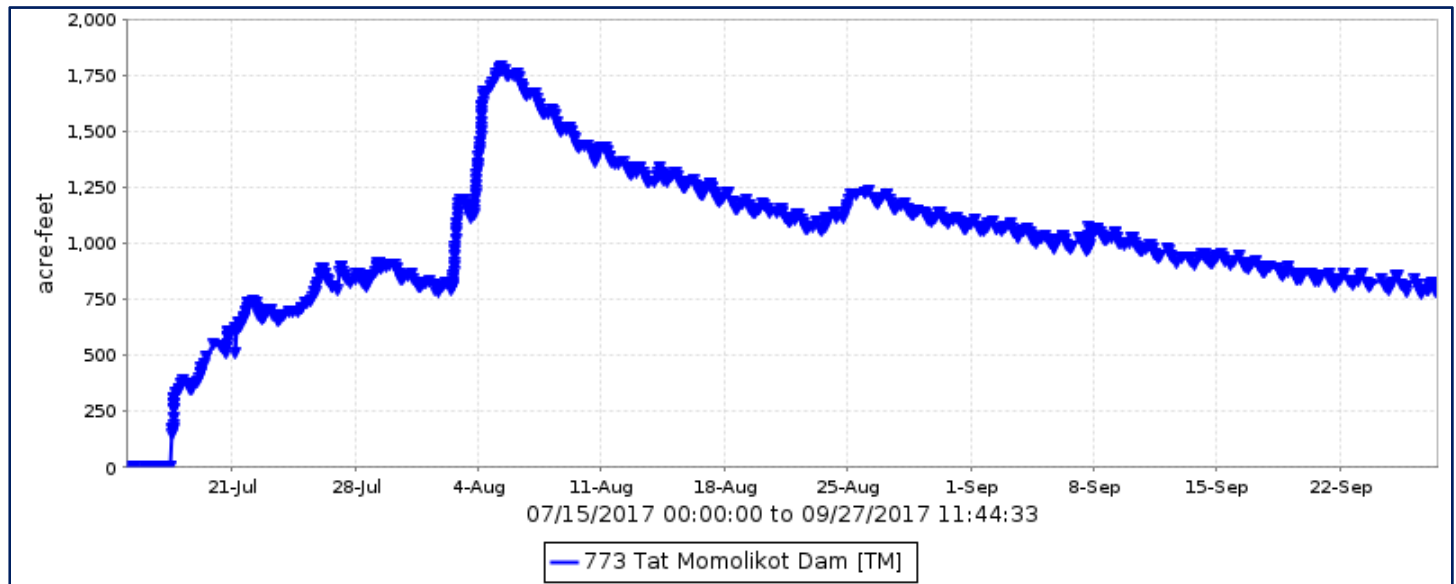
Tat Momolikot Dam - water year peaks



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
01/26/2017	2.43	440	0.2
08/05/2017	8.97	1,788	0.9

Hydrograph of peak WY 2017 impoundment event, 08/05/2017



Tat Momolikot Dam, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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		---			---		---		---			---
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 2017 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

*Gage ID was 0768 prior to January 24, 2000.

**FCD Operated gage since January 1998. However, this float gage did not operate properly. A pressure transducer gage was installed January 24, 2000 and all previous data were deleted. Previously, the US Army Corps of Engineers, Los Angeles District maintained a gage at this location.

See also Pool Level and Storage Volume data.

Tat Momolikot Dam, volume data

Volume, in acre-feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1					363	304			---	---	811	1075
2					362	298			---	---	902	1074
3					357	285			---		1179	1053
4					356	279			---		1623	1031
5					346	276			---		1758	1007
6					344	278			---		1706	1000
7					340	274					1624	999
8					332	260					1545	1032
9					326	247					1469	1013
10					322	237					1414	988
11					317	226					1390	959
12					318	215		---			1337	934
13	27				326	199		---			1302	923
14					326	181		---			1291	930
15					324	165		---			1279	924
16					322	148					1251	912
17					320	110				108	1221	895
18					323	64		---		367	1187	878
19					334	36		---		449	1159	868
20					320	13		---		552	1148	849
21					312	10		---		638	1117	836
22					301	31		---		706	1090	836
23					307	96		---		679	1079	832
24				123	321	79		---		687	1120	815
25				387	318	73				752	1205	822
26				400	306	45		---	---	838	1207	796
27				397	309	43		---	---	838	1181	785
28				388	310	62		---	---	840	1150	782
29				382	---	68		---	---	882	1122	754
30				366	---			---	---	871	1106	741
31		---		367	---		---		---	829	1087	---
MEAN	1	0	0	91	327	148	0	0	0	351	1260	911
MAX	220	0	0	440	416	350	0	0	0	912	1788	1102
MIN	0	0	0	0	282	0	0	0	0	0	780	710
WTR YR 2017	MEAN	255	MAX	1788	MIN	0						

Tat Momolikot Dam, stage data

Depth, in feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.8	0.8	0.8	0.8	2.1	1.8	0.8	0.8	---	---	4.2	5.5
2	0.8	0.8	0.8	0.8	2.0	1.7	0.8	0.8	---	---	4.7	5.5
3	0.8	0.8	0.8	0.8	2.0	1.7	0.8	0.8	---	0.8	6.0	5.4
4	0.8	0.8	0.8	0.8	2.0	1.6	0.8	0.8	---	0.8	8.2	5.3
5	0.8	0.8	0.8	0.8	2.0	1.6	0.8	0.8	---	0.8	8.8	5.2
6	0.8	0.8	0.8	0.8	2.0	1.6	0.8	0.8	---	0.8	8.6	5.1
7	0.8	0.8	0.8	0.8	1.9	1.6	0.8	0.8	0.8	0.8	8.2	5.1
8	0.8	0.8	0.8	0.8	1.9	1.6	0.8	0.8	0.8	0.8	7.8	5.3
9	0.8	0.8	0.8	0.8	1.9	1.5	0.8	0.8	0.8	0.8	7.4	5.2
10	0.8	0.8	0.8	0.8	1.9	1.4	0.8	0.8	0.8	0.8	7.2	5.1
11	0.8	0.8	0.8	0.8	1.8	1.4	0.8	0.8	0.8	0.8	7.0	4.9
12	0.8	0.8	0.8	0.8	1.8	1.3	0.8	---	0.8	0.8	6.8	4.8
13	0.9	0.8	0.8	0.8	1.9	1.3	0.8	---	0.8	0.8	6.6	4.8
14	0.8	0.8	0.8	0.8	1.9	1.2	0.8	---	0.8	0.8	6.6	4.8
15	0.8	0.8	0.8	0.8	1.9	1.1	0.8	---	0.8	0.8	6.5	4.8
16	0.8	0.8	0.8	0.8	1.9	1.0	0.8	0.8	0.8	0.8	6.4	4.7
17	0.8	0.8	0.8	0.8	1.8	0.9	0.8	0.8	0.8	1.1	6.2	4.6
18	0.8	0.8	0.8	0.8	1.9	0.9	0.8	---	0.8	2.1	6.1	4.6
19	0.8	0.8	0.8	0.8	1.9	0.8	0.8	---	0.8	2.5	5.9	4.5
20	0.8	0.8	0.8	0.8	1.8	0.8	0.8	---	0.8	3.0	5.9	4.4
21	0.8	0.8	0.8	0.8	1.8	0.8	0.8	---	0.8	3.4	5.7	4.4
22	0.8	0.8	0.8	0.8	1.8	0.8	0.8	---	0.8	3.7	5.6	4.4
23	0.8	0.8	0.8	0.8	1.8	0.9	0.8	---	0.8	3.6	5.5	4.3
24	0.8	0.8	0.8	1.2	1.9	0.9	0.8	---	0.8	3.6	5.7	4.2
25	0.8	0.8	0.8	2.2	1.8	0.9	0.8	0.8	0.8	3.9	6.1	4.3
26	0.8	0.8	0.8	2.2	1.8	0.8	0.8	---	---	4.4	6.1	4.2
27	0.8	0.8	0.8	2.2	1.8	0.8	0.8	---	---	4.4	6.0	4.1
28	0.8	0.8	0.8	2.2	1.8	0.9	0.8	---	---	4.4	5.9	4.1
29	0.8	0.8	0.8	2.1	---	0.9	0.8	---	---	4.6	5.7	4.0
30	0.8	0.8	0.8	2.1	---	0.8	0.8	---	---	4.5	5.7	3.9
31	0.8	---	0.8	2.1	---	0.8	---	0.8	---	4.3	5.6	---
MEAN	0.8	0.8	0.8	1.1	1.9	1.2	0.8	0.8	0.8	2.3	6.4	4.7
MAX	1.4	0.8	0.8	2.4	2.3	2.0	0.8	0.8	0.8	4.7	9.0	5.6
MIN	0.8	0.8	0.8	0.8	1.7	0.8	0.8	0.8	0.8	0.8	4.1	3.7
WTR YR 2017	MEAN	1.86	MAX	8.97	MIN	0.81						

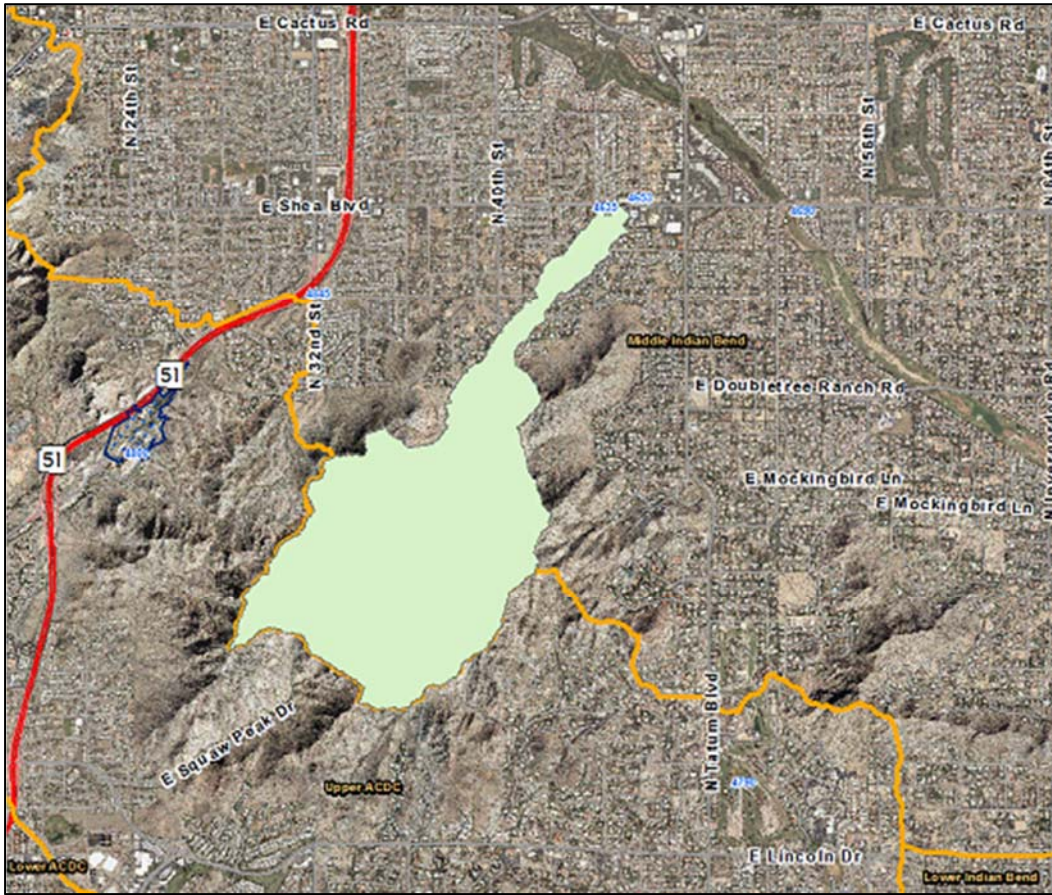
Tatum Wash Basin Inflow – ID #4638



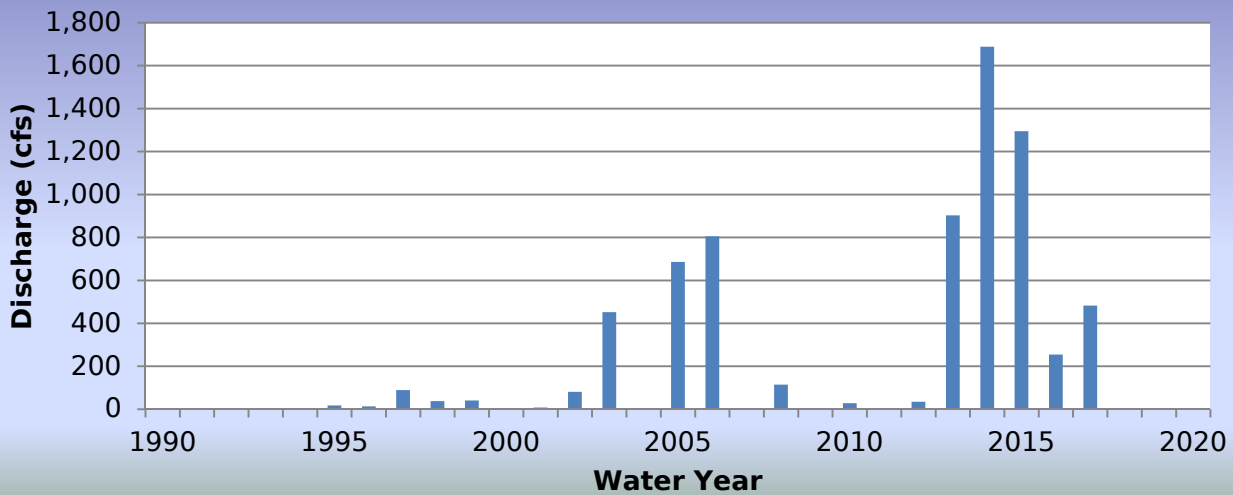
Site Data

LOCATION	Located near Shea Boulevard and 44th Street
DRAINAGE AREA	2.17 mi ²
STREAM TYPE	Engineered Natural Stream
JURISDICTION	Phoenix, Arizona
WATERSHED	Middle Indian Bend
SECTION/TOWNSHIP/RANGE	S30 T3N R4E
LATITUDE	N 33° 34' 54.1" +33.58169
LONGITUDE	W 111° 59' 04.3" -111.98453
STREAMGAGE INSTALLATION DATE	06/03/1994 - WY 1994
AVAILABLE PERIOD OF RECORD (POR)	06/03/1994 - Current
LENGTH OF AVAILABLE POR DATA DATA	23.33 Years 8,521 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.10 feet Gage Height
ZERO GAGE HEIGHT ELEVATION	0.00 feet Gage Height
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	1,688 cfs 3.68 feet 09/08/2014

Watershed Map



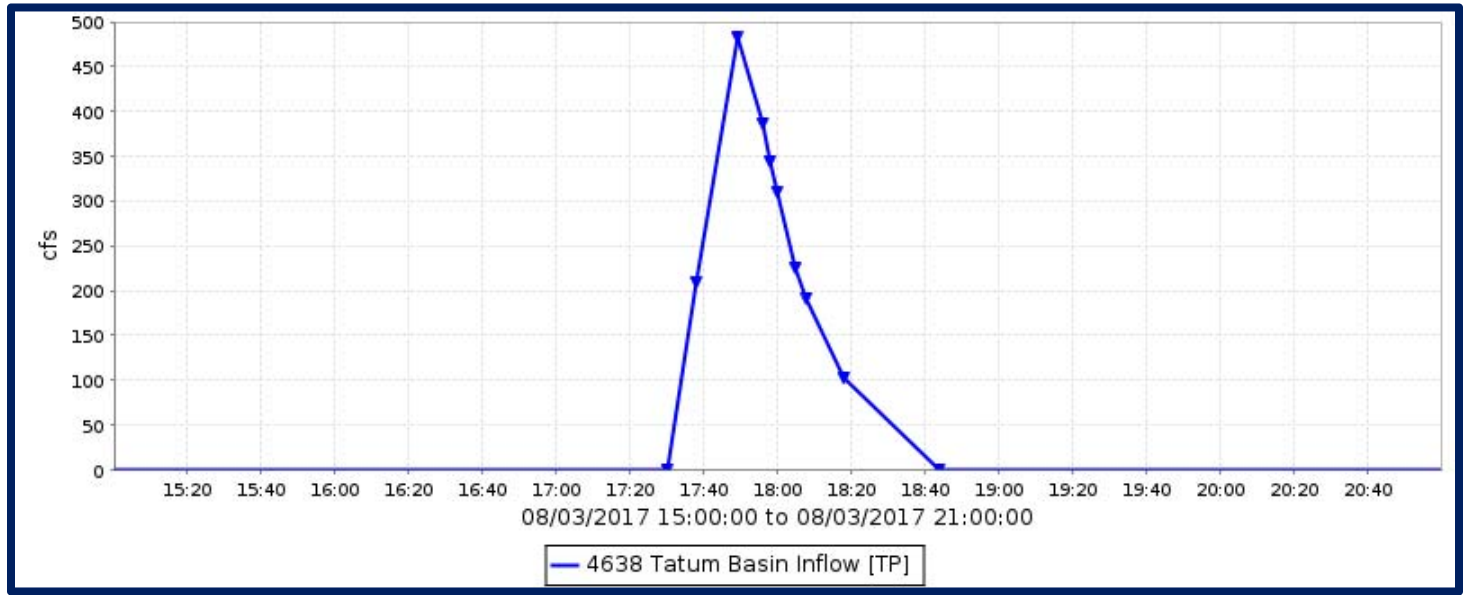
Tatum Wash - water year peaks



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
08/03/2017	1.62	483

Hydrograph of peak WY 2017 flow event, 08/03/2017



Flood Flow Frequency

Flood Flow Frequency N=24, HEC-WRC computation (based on 24 years of data)					
2-year	5-year	10-year	20-year	50-year	100-year
54	396	1,020	2,130	4,640	7,580

Tatum Basin Inflow, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3											10	
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					1							
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	0	1	0	0	0	0	0	10	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	1	0	47	1	0	0	0	0	483	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	2	0	0	0	0	0	19	0
WTR YR 2017	TOTAL	11	MEAN	0	MAX	483	MIN	0	AC_FT	22		

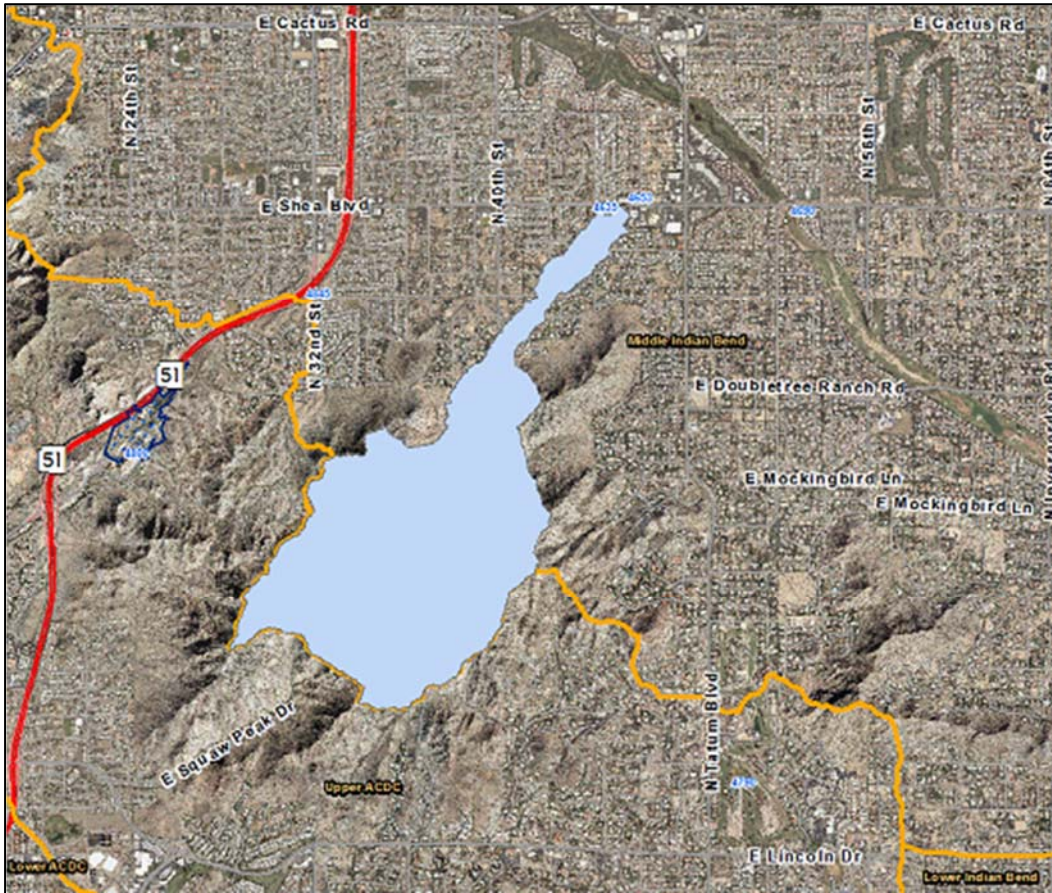
Tatum Wash Basin - ID #4653



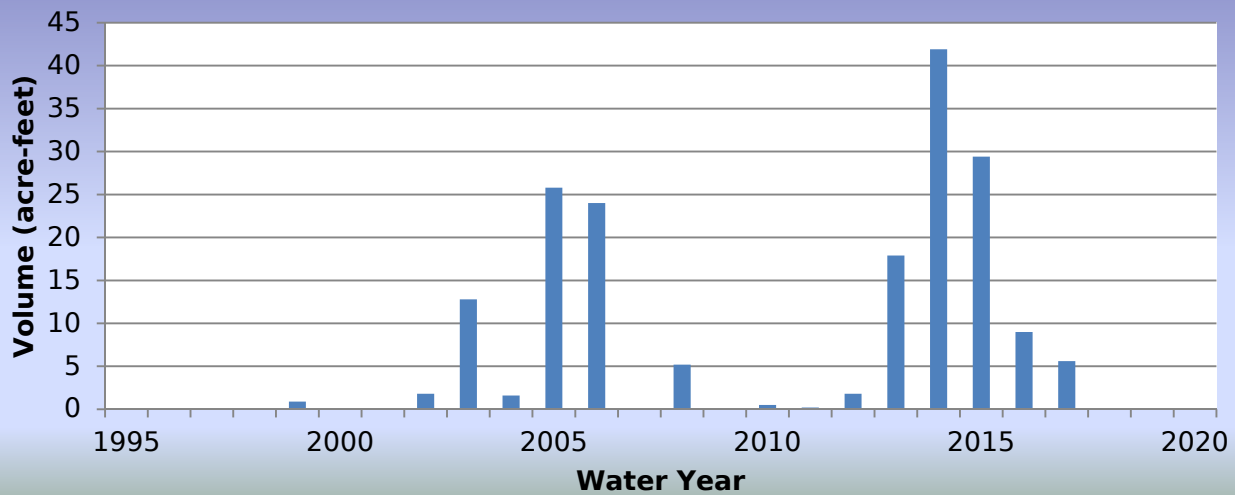
Site Data

LOCATION	Located near Shea Boulevard and 44th Street
DRAINAGE AREA	2.17 mi ²
STREAM TYPE	Flood control basin on natural stream
JURISDICTION	Phoenix, Arizona
WATERSHED	Middle Indian Bend
SECTION/TOWNSHIP/RANGE	S30 T3N R4E
LATITUDE	N 33° 34' 56.8" +33.58245
LONGITUDE	W 111° 59' 01.5" -111.98376
STREAMGAGE INSTALLATION DATE	05/08/1998 - WY 1998
AVAILABLE PERIOD OF RECORD (POR)	05/08/1998 - Current
LENGTH OF AVAILABLE POR DATA DATA	19.40 Years 7,086 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.05 feet Gage Height
ZERO GAGE HEIGHT ELEVATION	1,380.60 feet M.S.L.
PZF (LOWER FLAP-GATE)	0.4 feet Gage Height
PZF (UPPER FLAP-GATE)	4.4 feet Gage Height
PZF (UNCONTROLLED INLET TOWER)	11.6 feet Gage Height
SPILLWAY CREST ELEVATION	11.8 feet Gage Height
TOP OF BASIN ELEVATION	13.4 feet Gage Height

Watershed Map



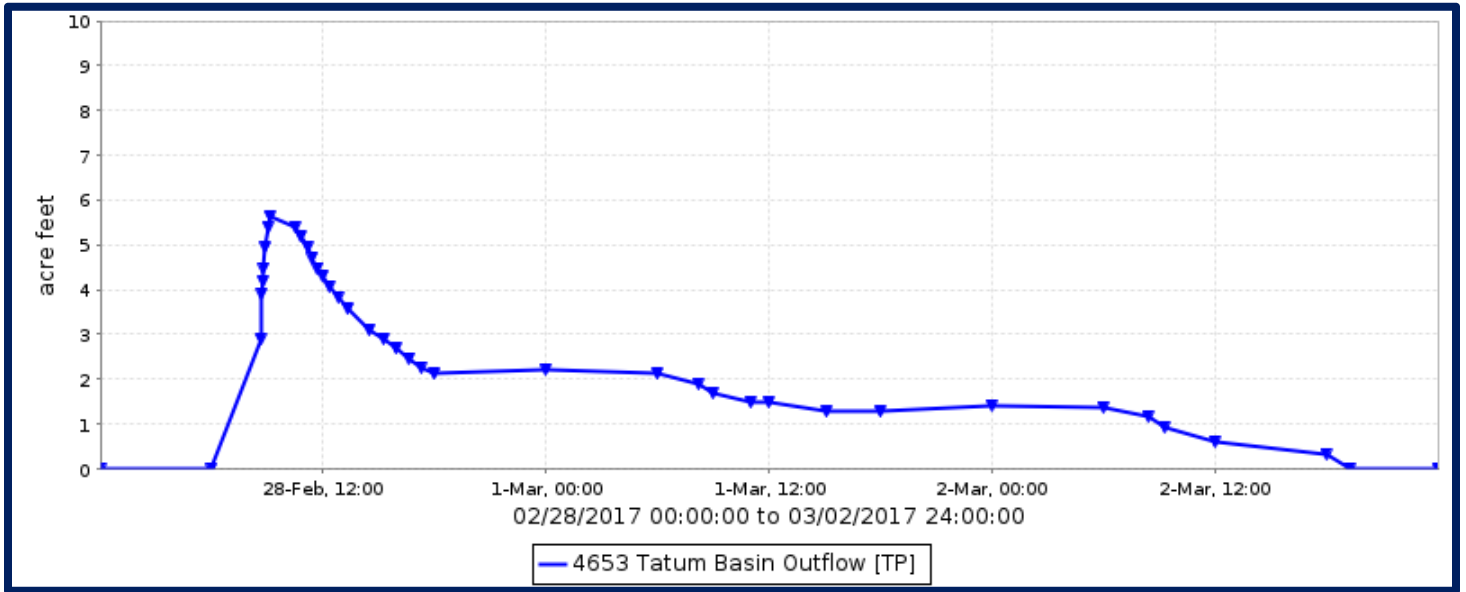
Tatum Basin - water year peaks



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
02/28/2017	2.50	5.6	17.4
08/03/2017	Unk	Unk	Unk

Hydrograph of peak WY 2017 impoundment event, 02/28/2017



Tatum Wash Basin, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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					1							
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	0	1	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	16	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	3	0	0	0	0	0	0	0
WTR YR 2017	TOTAL		1	MEAN	0	MAX	16	MIN	0	AC_FT		3

Tatum Wash Basin, volume data

Volume, in acre-feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1						2						
2						1						
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					2							
29					---							
30					---							
31		---			---		---		---			---
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	0	6	2	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2017	MEAN		0	MAX	6	MIN	0					

Tatum Wash Basin, stage data

Depth, in feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.1	0.1	0.1	0.1	0.1	0.7	0.1	0.1	0.1	0.1	0.1	0.1
2	0.1	0.1	0.1	0.1	0.1	0.4	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	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	0.9	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	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
MAX	0.1	0.1	0.1	0.1	2.5	0.9	0.1	0.1	0.1	0.1	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 2017	MEAN	0.06	MAX	2.50	MIN	0.05						

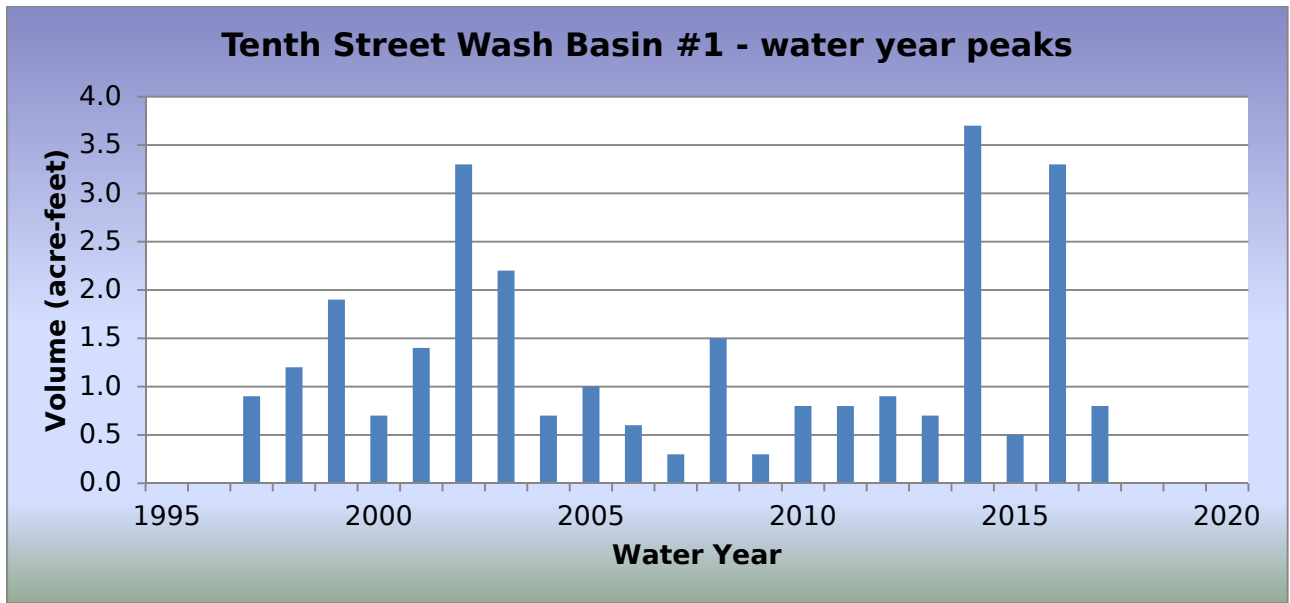
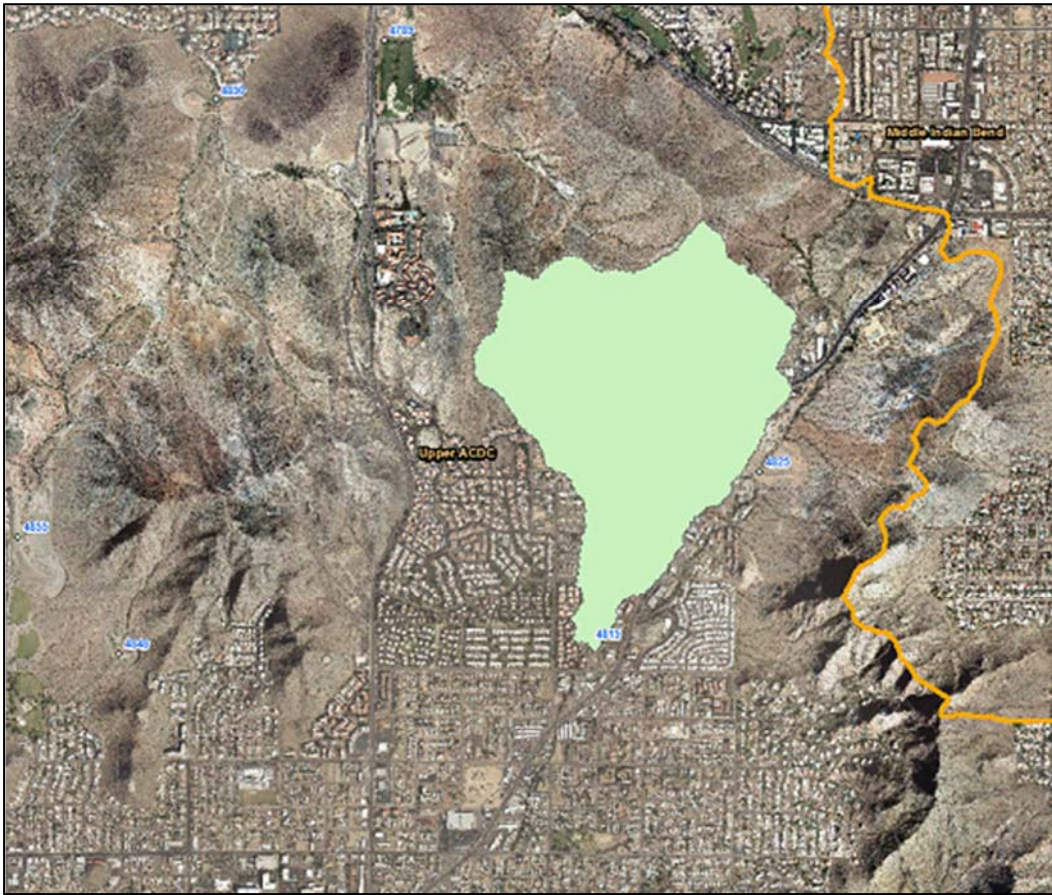
Tenth Street Wash Basin #1, ID #4818



Site Data

LOCATION	Near Cave Creek Road and Peoria Avenue
DRAINAGE AREA	1.2 mi ²
STREAM TYPE	Flood control basin on natural stream
JURISDICTION	Phoenix, Arizona
WATERSHED	Upper ACDC
SECTION/TOWNSHIP/RANGE	S28 T3N R3E
LATITUDE	N 33° 34' 46.8" +33.57969
LONGITUDE	W 112° 03' 17.3" -112.05476
STREAMGAGE INSTALLATION DATE	11/26/1996 - WY 1997
AVAILABLE PERIOD OF RECORD (POR)	11/26/1996 - Current
LENGTH OF AVAILABLE POR DATA	20.85 Years 7,614 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.33 feet Gage Height
STAFF GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,306.80 Feet M.S.L.
POINT OF ZERO FLOW	0.00 feet Gage Height
SPILLWAY CREST ELEVATION	11.5 feet Gage Height
TOP OF BASIN ELEVATION	13.2 feet Gage Height

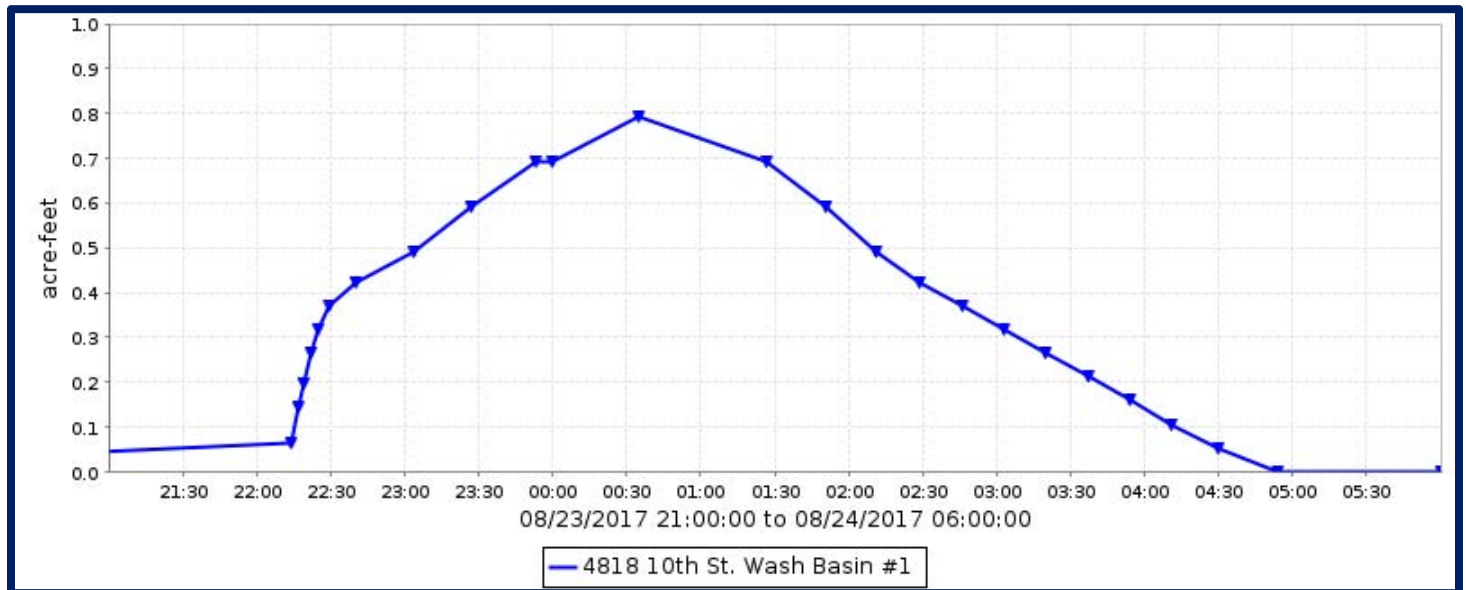
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
12/22/2016	1.05	0.4	2.0
12/31/2016	1.05	1.4	2.0
01/01/2017	1.07	0.4	2.0
01/20/2017	0.65	0.2	1.0
02/28/2017	1.40	0.7	3.1
07/17/2017	0.95	0.3	1.8
07/29/2017	1.30	0.6	2.8
08/03/2017	1.00	0.4	1.9
08/24/2017	1.53	0.8	3.8

Hydrograph of peak WY 2017 impoundment event, 08/24/2017



Tenth Street Wash Basin #1, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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											1	
25												
26												
27												
28					1							
29					---					1		
30					---							
31		---			---		---		---			---
TOTAL	0	0	1	0	1	0	0	0	0	1	2	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	5	6	9	0	0	0	0	8	10	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	1	1	2	0	0	0	0	2	4	0
WTR YR 2017	TOTAL		5	MEAN	0	MAX	10	MIN	0	AC_FT	10	

Tenth Street Wash Basin #1, volume data

Volume, in acre-feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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	0	0	0	0	1	0	0	0	0	1	1	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2017	MEAN		0	MAX	1	MIN	0					

Tenth Street Wash Basin #1, stage data

Depth, in feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.3	0.3	0.3	0.4	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	0.4	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	0.3	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	0.4	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	0.4	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	0.4	0.3
24	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.5	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	0.5	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	0.5	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	---	0.4	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	0.3	0.3	1.1	1.1	1.4	0.3	0.3	0.3	0.3	1.3	1.5	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 2017	MEAN	0.33	MAX	1.53	MIN	0.33						

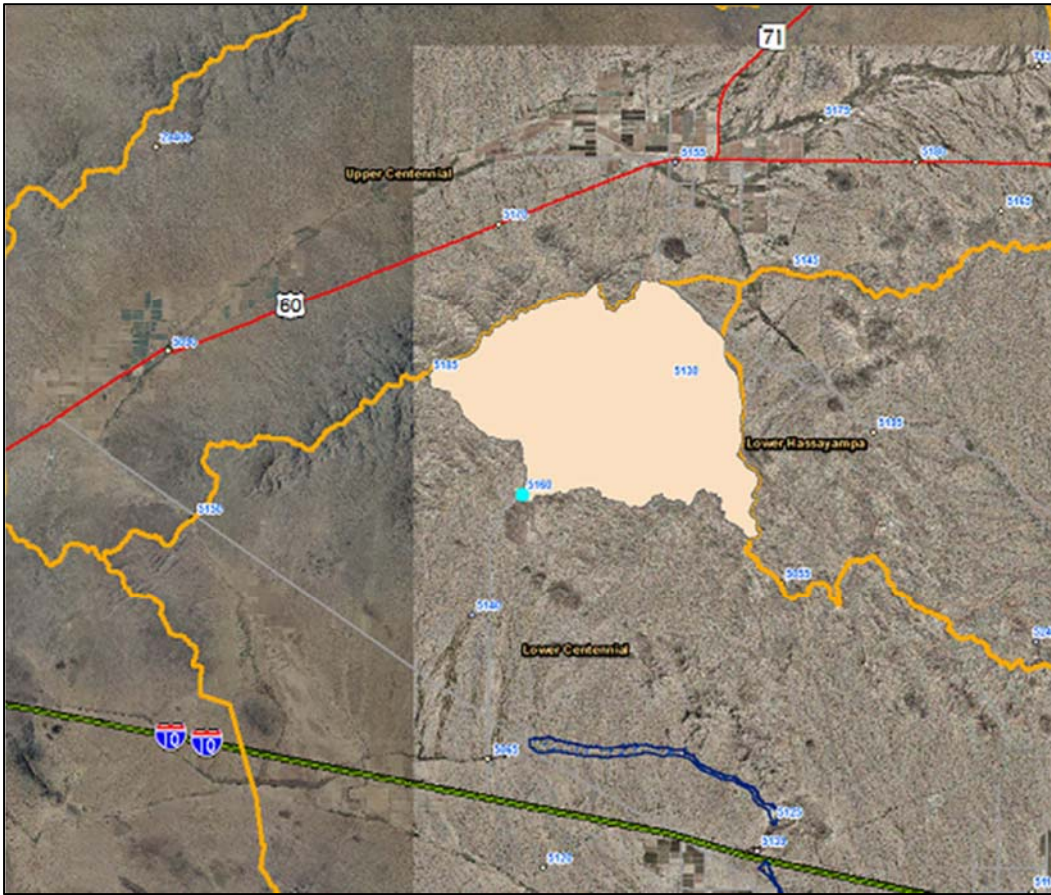
Tiger Wash, ID #5163



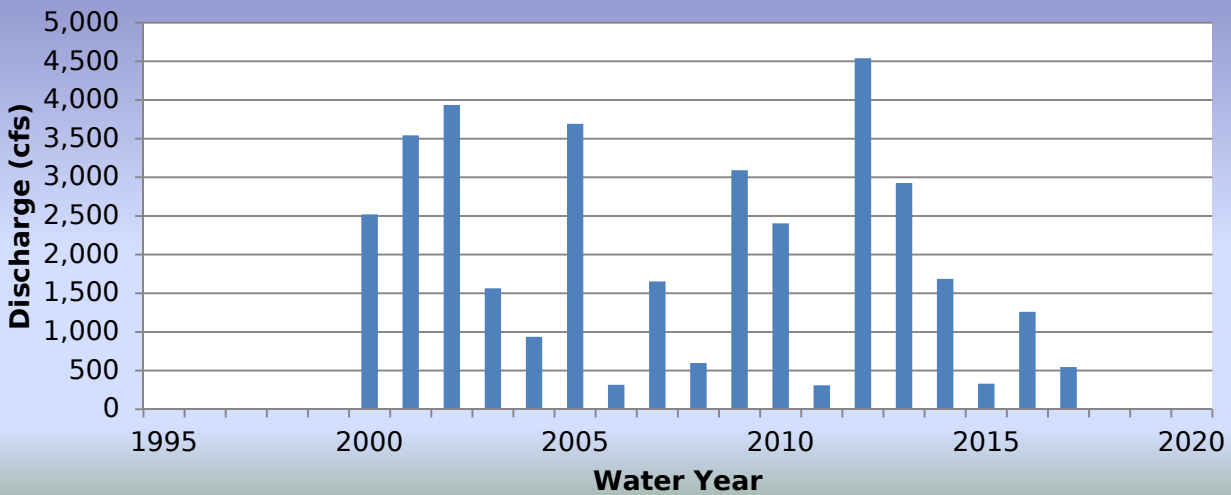
Site Data

LOCATION	Near Eagle Eye Road about 10 miles north of Salome Road
DRAINAGE AREA	85 mi ²
STREAM TYPE	Natural Stream
JURISDICTION	Maricopa County, Arizona
WATERSHED	Lower Centennial
SECTION/TOWNSHIP/RANGE	S26 T5N R10W
LATITUDE	N 33° 44' 30.3" +33.74175
LONGITUDE	W 113° 16' 42.8" -113.27855
STREAMGAGE INSTALLATION DATE	09/15/1999 - WY 1999
AVAILABLE PERIOD OF RECORD (POR)	09/15/1999 - Current
LENGTH OF AVAILABLE POR DATA	18.05 Years 6,591 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	4.73 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	6 (Continuous Slope Area type)
ZERO GAGE HEIGHT ELEVATION	1,866.15 feet NAVD 1988
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	4,541 cfs 9.28 feet 07/14/2012
EXTREME OUTSIDE PERIOD OF RECORD	7,778 cfs 10.07 feet 09/26/1997

Watershed Map



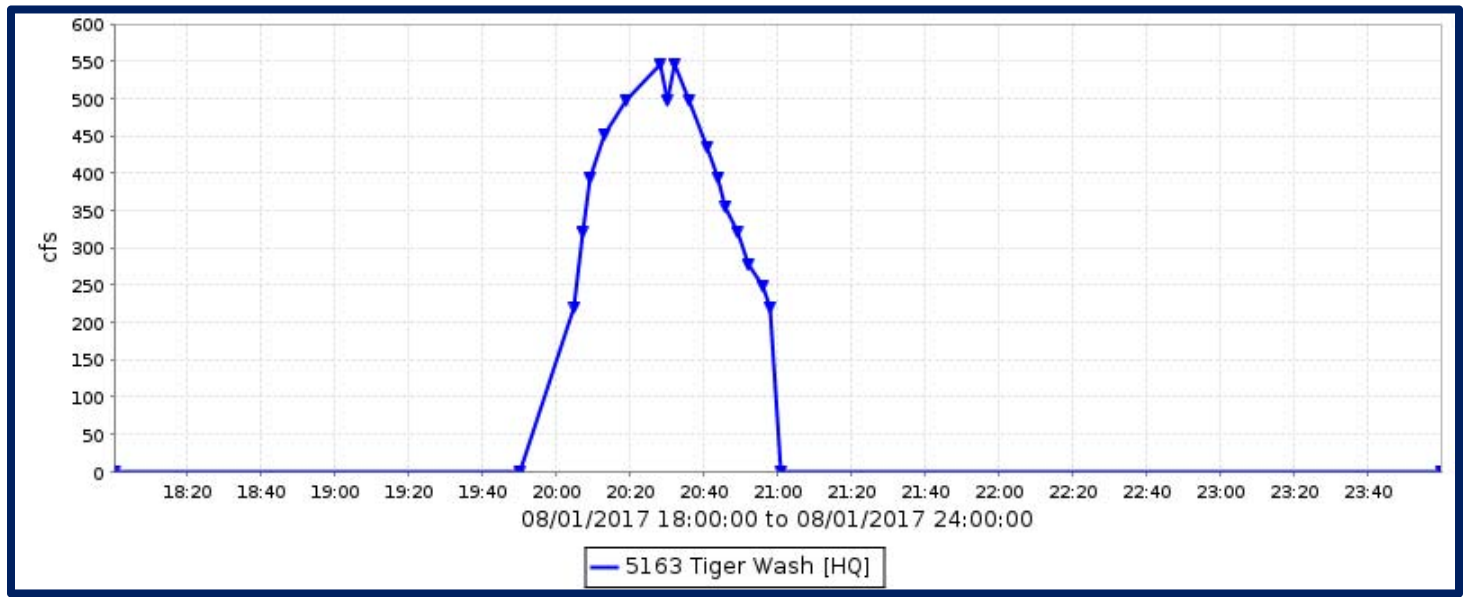
Tiger Wash - water year peaks



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
08/01/2017	5.80	546

Hydrograph of peak WY 2017 flow event, 08/01/2017



Flood Flow Frequency

Flood Flow Frequency N=45, HEC-WRC computation (based on 45 years of data)					
2-year	5-year	10-year	20-year	50-year	100-year
1,090	2,870	4,460	6,230	8,790	10,900

NOTE: These results are based on limited data.

Tiger Wash, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1											16	
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		---			---		---		---			---
TOTAL	0	0	0	0	0	0	0	0	0	0	16	0
MEAN	0	0	0	0	0	0	0	0	0	0	1	0
MAX	0	0	0	0	0	0	0	0	0	0	546	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	32	0
WTR YR 2017	TOTAL	16	MEAN	0	MAX	546	MIN	0	AC_FT	32		

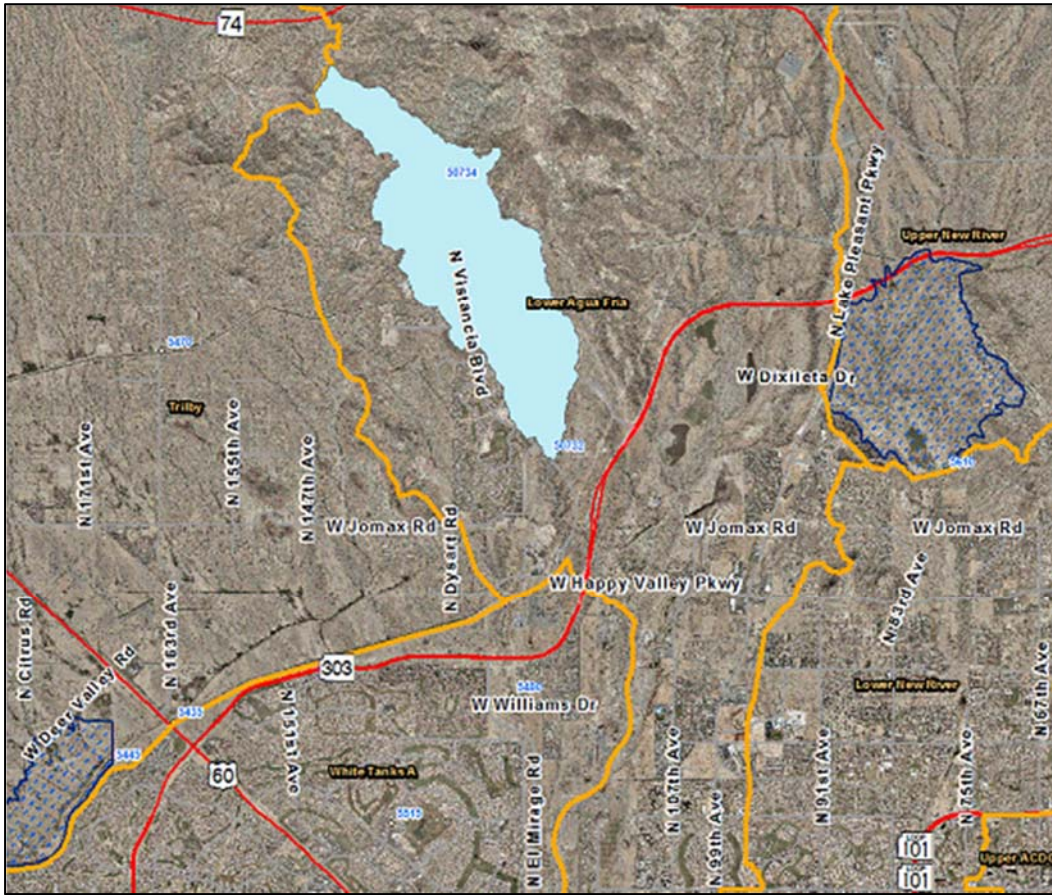
Twin Buttes Wash, ID #73207



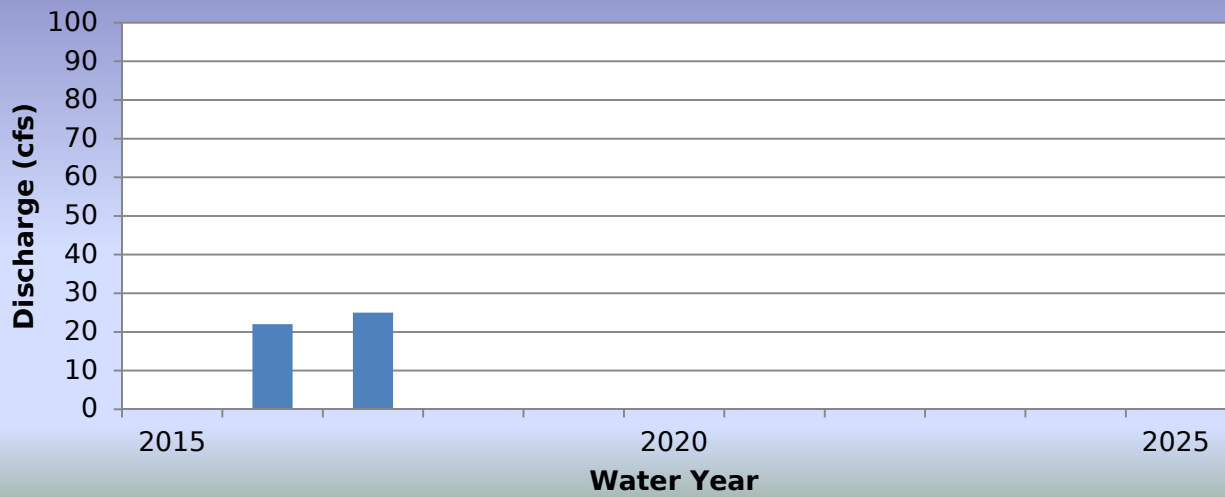
Site Data

LOCATION	Located on Vistancia Blvd. about 2 miles northwest of the Loop 303
DRAINAGE AREA	7.1 mi ²
STREAM TYPE	Natural
JURISDICTION	Peoria, Arizona
WATERSHED	Lower Agua Fria
SECTION/TOWNSHIP/RANGE	S25 T5N R1W
LATITUDE	N 33° 44' 18.4" +33.73843
LONGITUDE	W 112° 19' 10.4" -112.31956
STREAMGAGE INSTALLATION DATE	10/29/2015 - WY 2016
AVAILABLE PERIOD OF RECORD (POR)	12/09/2015 - Current
LENGTH OF AVAILABLE POR DATA	1.81 Years 662 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.75 feet Gage Height
STAFF GAGES	None
CREST STAGE GAGES	None
ZERO GAGE HEIGHT ELEVATION	1,346.359 feet NAVD88
POINT OF ZERO FLOW	0.2 feet Gage Height
EXTREME FOR PERIOD OF RECORD	No Events Recorded

Watershed Map



Twin Buttes Wash - water year peaks



WY2017 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
12/16/2016	0.89	18
12/22/2016	0.89	18
01/01/2017	1.02	25
02/18/2017	0.85	16
02/28/2017	1.00	24
07/29/2017	0.92	19

Hydrograph of peak WY 2017 flow event, 01/01/2017



Flood Flow Frequency

There is not enough data to compute a flood flow frequency for this gage station.

Twin Buttes Wash, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				2								
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16			4									
17												
18					2							
19												
20												
21												
22			2									
23												
24												
25												
26												
27												
28					5							
29					---					1		
30			2		---							
31		---			---		---		---			---
TOTAL	0	0	7	2	7	0	0	0	0	1	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	18	25	24	0	0	0	0	19	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	15	4	14	0	0	0	0	1	0	0
WTR YR 2017	TOTAL		17	MEAN	0	MAX	25	MIN	0	AC_FT		34

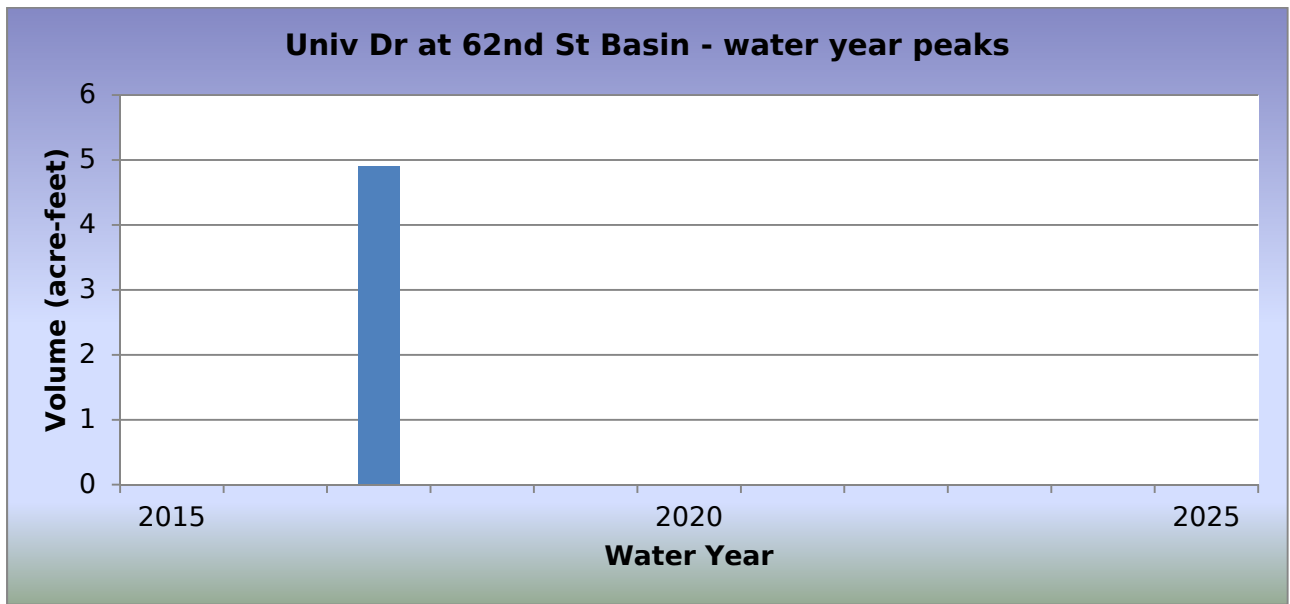
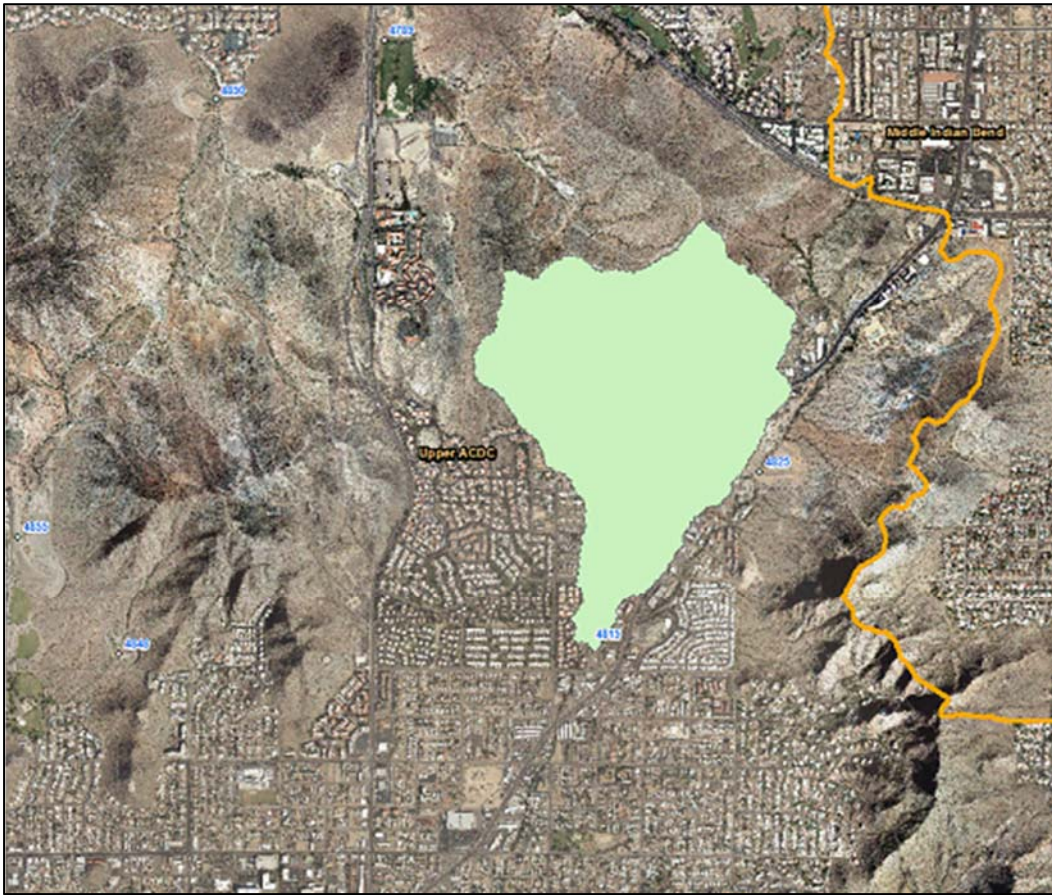
University Drive at 62nd Street Basin, ID #34607



Site Data

LOCATION	On University Drive east of Recker Road
DRAINAGE AREA	Undetermined
STREAM TYPE	Flood control basin
JURISDICTION	Mesa, Arizona
WATERSHED	Upper East Maricopa Floodway
SECTION/TOWNSHIP/RANGE	S13 T1N R6E
LATITUDE	N 33° 25' 23.6" +33.42321
LONGITUDE	W 111° 41' 47.3" -111.69647
STREAMGAGE INSTALLATION DATE	12/22/2016 – WY2017
AVAILABLE PERIOD OF RECORD (POR)	12/22/2016 – Current
LENGTH OF AVAILABLE POR DATA	0.77 Years 283 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.25 feet Gage Height
STAFF GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,392.00 feet NAVD88
POINT OF ZERO FLOW	0.2 feet Gage Height
SPILLWAY CREST ELEVATION	12.0 feet Gage Height
TOP OF BASIN ELEVATION	12.5 feet Gage Height

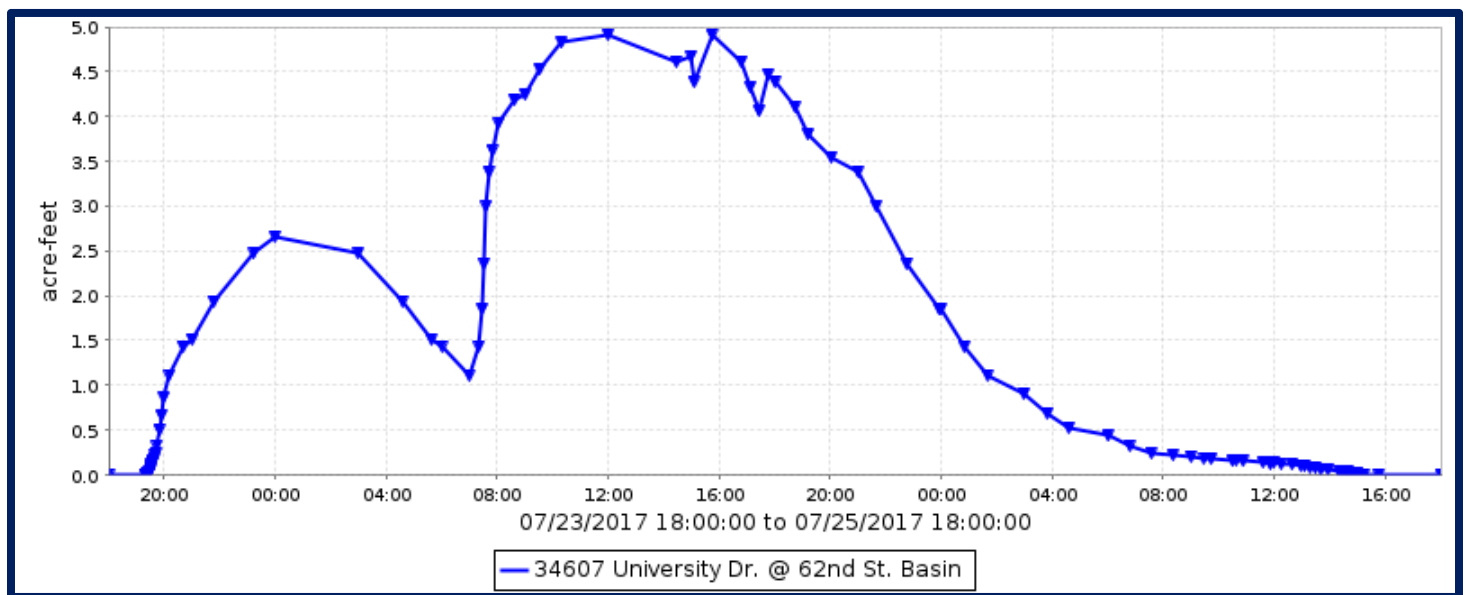
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
07/11/2017	0.75	0.0	0.0
07/17/2017	3.82	0.2	0.8
07/18/2017	1.55	0.0	0.0
07/20/2017	3.72	0.2	0.8
07/24/2017	5.64	4.9	20.0
08/04/2017	4.07	0.3	1.3

Hydrograph of peak WY 2017 impoundment event, 07/24/2017



University Drive at 62nd Street Basin, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	6	6	6						
2	---	---	---	6	6	6						
3	---	---	---	6	6	6					1	
4	---	---	---	6	6	6					2	
5	---	---	---	6	6	6						
6	---	---	---	6	6	6						
7	---	---	---	6	6	6						
8	---	---	---	6	6	6						
9	---	---	---	6	6	6						
10	---	---	---	6	6	6						
11	---	---	---	6	6	6						
12	---	---	---	6	6	6						
13	---	---	---	6	6	6						
14	---	---	---	6	6	6						
15	---	---	---	6	6	6						
16	---	---	---	6	6	6						
17	---	---	---	6	6	6				1		
18	---	---	---	6	6	6						
19	---	---	---	6	6	6						
20	---	---	---	6	6	6				1		
21	---	---	---	6	6	4				1		
22	---	---	6	6	6							
23	---	---	6	6	6					1		
24	---	---	6	6	6					6		
25	---	---	6	6	6					3		
26	---	---	6	6	6							
27	---	---	6	6	6							
28	---	---	6	6	6							
29	---	---	6	6	---							
30	---	---	6	6	---							
31	---	---	6	6	---		---		---			---
TOTAL	---	---	174	174	157	116	0	0	0	14	3	0
MEAN	---	---	6	6	6	4	0	0	0	0	0	0
MAX	---	---	6	6	6	6	0	0	0	7	5	0
MIN	---	---	6	6	6	0	0	0	0	0	0	0
AC_FT	---	---	345	345	311	229	0	0	0	27	5	0
WTR YR 2017	TOTAL	636	MEAN	3	MAX	7	MIN	0	AC_FT	1262		

University Drive at 62nd Street Basin, volume data

Volume, in acre-feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	1	1	1						
2	---	---	---	1	1	1						
3	---	---	---	1	1	1						
4	---	---	---	1	1	1						
5	---	---	---	1	1	1						
6	---	---	---	1	1	1						
7	---	---	---	1	1	1						
8	---	---	---	1	1	1						
9	---	---	---	1	1	1						
10	---	---	---	1	1	1						
11	---	---	---	1	1	1						
12	---	---	---	1	1	1						
13	---	---	---	1	1	1						
14	---	---	---	1	1	1						
15	---	---	---	1	1	1						
16	---	---	---	1	1	1						
17	---	---	---	1	1	1						
18	---	---	---	1	1	1						
19	---	---	---	1	1	1						
20	---	---	---	1	1	1						
21	---	---	---	1	1	1						
22	---	---	1	1	1							
23	---	---	1	1	1							
24	---	---	1	1	1					4		
25	---	---	1	1	1							
26	---	---	1	1	1							
27	---	---	1	1	1							
28	---	---	1	1	1							
29	---	---	1	1	---							
30	---	---	1	1	---							
31	---	---	1	1	---		---		---			---
MEAN	---	---	1	1	1	1	0	0	0	0	0	0
MAX	---	---	1	1	1	1	0	0	0	5	0	0
MIN	---	---	1	1	1	0	0	0	0	0	0	0
WTR YR 2017	MEAN		1	MAX	5	MIN	0					

University Drive at 62nd Street Basin, stage data

Depth, in feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	4.6	4.6	4.6	0.2	0.2	0.2	0.2	0.2	0.2
2	---	---	---	4.6	4.6	4.6	0.2	0.2	0.2	0.2	0.3	0.2
3	---	---	---	4.6	4.6	4.6	0.2	0.2	0.2	0.2	1.1	0.2
4	---	---	---	4.6	4.6	4.6	0.2	0.2	0.2	0.2	1.4	0.2
5	---	---	---	4.6	4.6	4.6	0.2	0.2	0.2	0.2	0.2	0.2
6	---	---	---	4.6	4.6	4.6	0.2	0.2	0.2	0.2	0.2	0.2
7	---	---	---	4.6	4.6	4.6	0.2	0.2	0.2	0.2	0.2	0.2
8	---	---	---	4.6	4.6	4.6	0.2	0.2	0.2	0.2	0.2	0.2
9	---	---	---	4.6	4.6	4.6	0.2	0.2	0.2	0.2	0.2	0.2
10	---	---	---	4.6	4.6	4.6	0.2	0.2	0.2	0.2	0.2	0.2
11	---	---	---	4.6	4.6	4.6	0.2	0.2	0.2	0.3	0.2	0.2
12	---	---	---	4.6	4.6	4.6	0.2	0.2	0.2	0.2	0.2	0.2
13	---	---	---	4.6	4.6	4.6	0.2	0.2	0.2	0.2	0.2	0.2
14	---	---	---	4.6	4.6	4.6	0.2	0.2	0.2	0.2	0.2	0.2
15	---	---	---	4.6	4.6	4.6	0.2	0.2	0.2	0.2	0.2	0.2
16	---	---	---	4.6	4.6	4.6	0.2	0.2	0.2	0.4	0.2	0.2
17	---	---	---	4.6	4.6	4.6	0.2	0.2	0.2	1.4	0.3	0.2
18	---	---	---	4.6	4.6	4.6	0.2	0.2	0.2	0.4	0.2	0.2
19	---	---	---	4.6	4.6	4.6	0.2	0.2	0.2	0.2	0.2	0.2
20	---	---	---	4.6	4.6	4.6	0.2	0.2	0.2	0.7	0.3	0.2
21	---	---	---	4.6	4.6	3.0	0.2	0.2	0.2	0.9	0.2	0.2
22	---	---	4.6	4.6	4.6	0.2	0.2	0.2	0.2	0.2	0.2	0.2
23	---	---	4.6	4.6	4.6	0.2	0.2	0.2	0.2	1.1	0.2	0.2
24	---	---	4.6	4.6	4.6	0.2	0.2	0.2	0.2	5.2	0.2	0.2
25	---	---	4.6	4.6	4.6	0.2	0.2	0.2	0.2	2.5	0.3	0.2
26	---	---	4.6	4.6	4.6	0.2	0.2	0.2	0.2	0.2	0.2	0.2
27	---	---	4.6	4.6	4.6	0.2	0.2	0.2	0.2	0.2	0.2	0.2
28	---	---	4.6	4.6	4.6	0.2	0.2	0.2	0.2	0.2	0.2	0.2
29	---	---	4.6	4.6	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2
30	---	---	4.6	4.6	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2
31	---	---	4.6	4.6	---	0.2	---	0.2	---	0.2	0.2	---
MEAN	---	---	4.6	4.6	4.6	3.1	0.2	0.2	0.2	0.6	0.3	0.2
MAX	---	---	4.6	4.6	4.6	4.6	0.2	0.2	0.2	5.6	4.1	0.2
MIN	---	---	4.6	4.6	4.6	0.2	0.2	0.2	0.2	0.2	0.2	0.2
WTR YR 2017	MEAN	2.33	MAX	5.64	MIN	0.25						

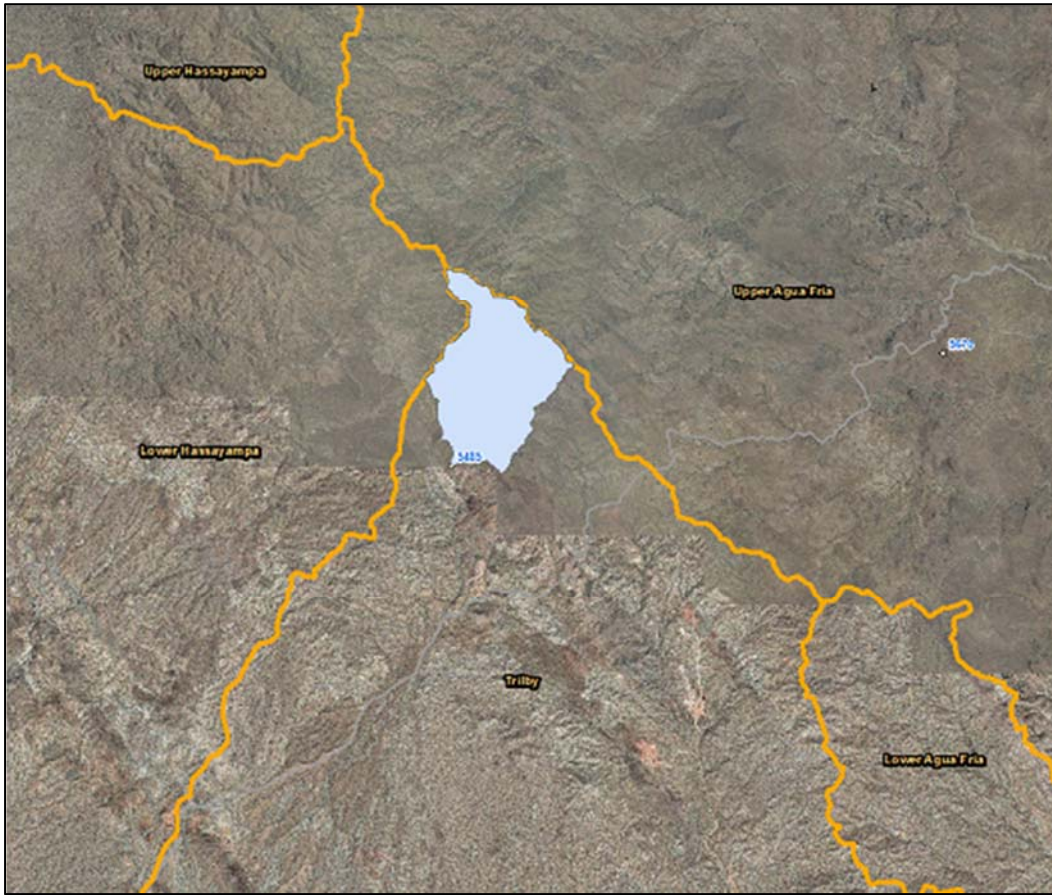
Upper Trilby Wash, ID #5488



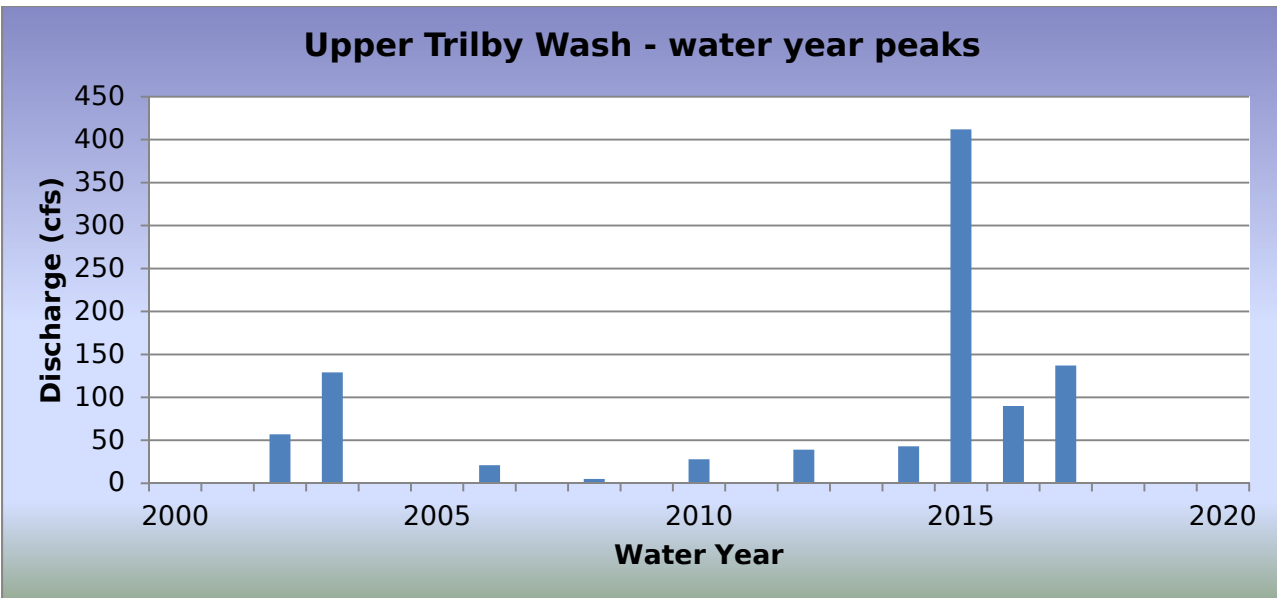
Site Data

LOCATION	Located about 3 miles north of Castle Hot Springs Road
DRAINAGE AREA	3.0 mi ²
STREAM TYPE	Natural Stream
JURISDICTION	Yavapai County, Arizona
WATERSHED	Trilby
SECTION/TOWNSHIP/RANGE	S12 T7N R3W
LATITUDE	N 33° 57' 37.5" +33.96042
LONGITUDE	W 112° 31' 45.3" -112.52925
STREAMGAGE INSTALLATION DATE	09/26/2001 - WY 2001
AVAILABLE PERIOD OF RECORD (POR)	09/26/2001 - Current
LENGTH OF AVAILABLE POR DATA	16.01 Years 5,849 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.90 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	3,030.06 feet NAVD 1988
POINT OF ZERO FLOW	0.8 feet Gage Height
EXTREME FOR PERIOD OF RECORD	412 cfs 2.40 feet 07/18/2015

Watershed Map



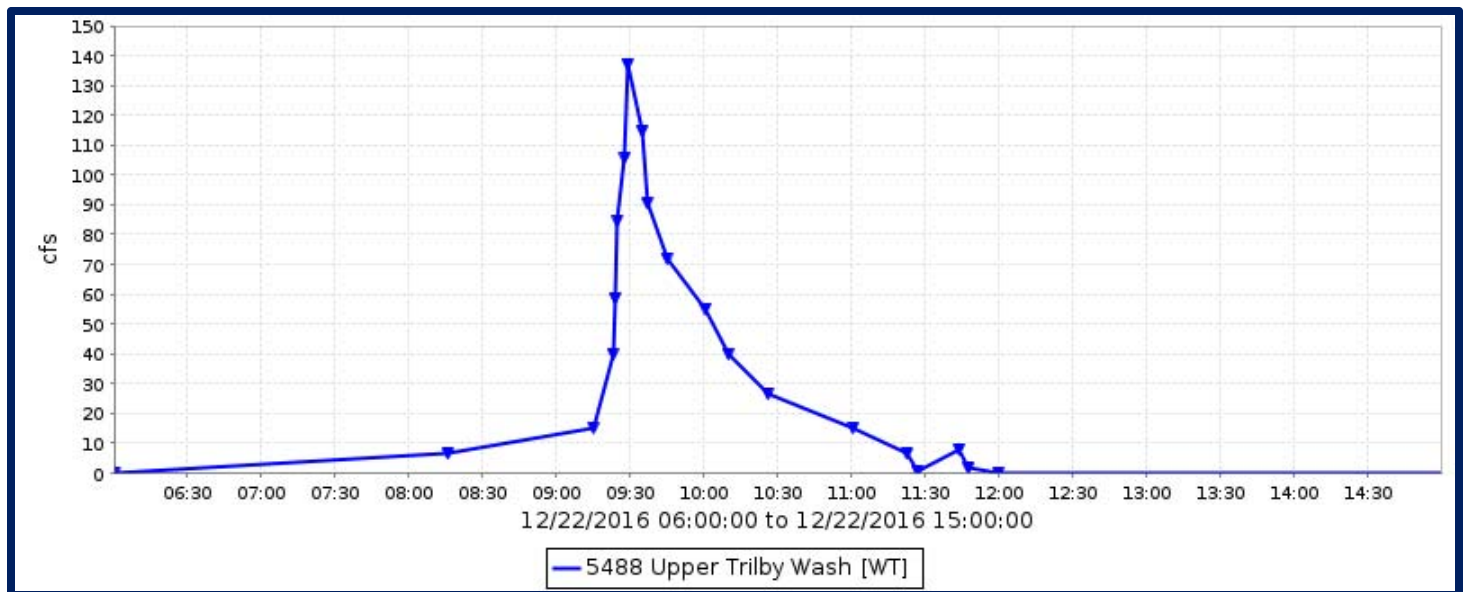
Upper Trilby Wash - water year peaks



WY2017 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
12/22/2016	1.80	137
12/24/2016	1.48	63
01/01/2017	1.38	47
01/21/2017	1.68	100
02/18/2017	1.19	22
02/19/2017	1.12	14
02/28/2017	1.22	25
07/18/2017	1.39	49
07/19/2017	1.27	32

Hydrograph of peak WY 2017 flow event, 12/22/2016



Flood Flow Frequency

There is not enough data to compute a flood flow frequency for this gage station.

Upper Trilby Wash, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				6								
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18					1					3		
19					1					2		
20				3								
21				7								
22			4								1	
23											1	
24			8									
25												
26												
27												
28					11							
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	12	17	13	0	0	0	0	4	2	0
MEAN	0	0	0	1	0	0	0	0	0	0	0	0
MAX	0	0	137	100	25	0	0	0	0	49	6	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	24	33	26	0	0	0	0	9	5	0
WTR YR 2017	TOTAL		49	MEAN		0	MAX	137	MIN	0	AC_FT	97

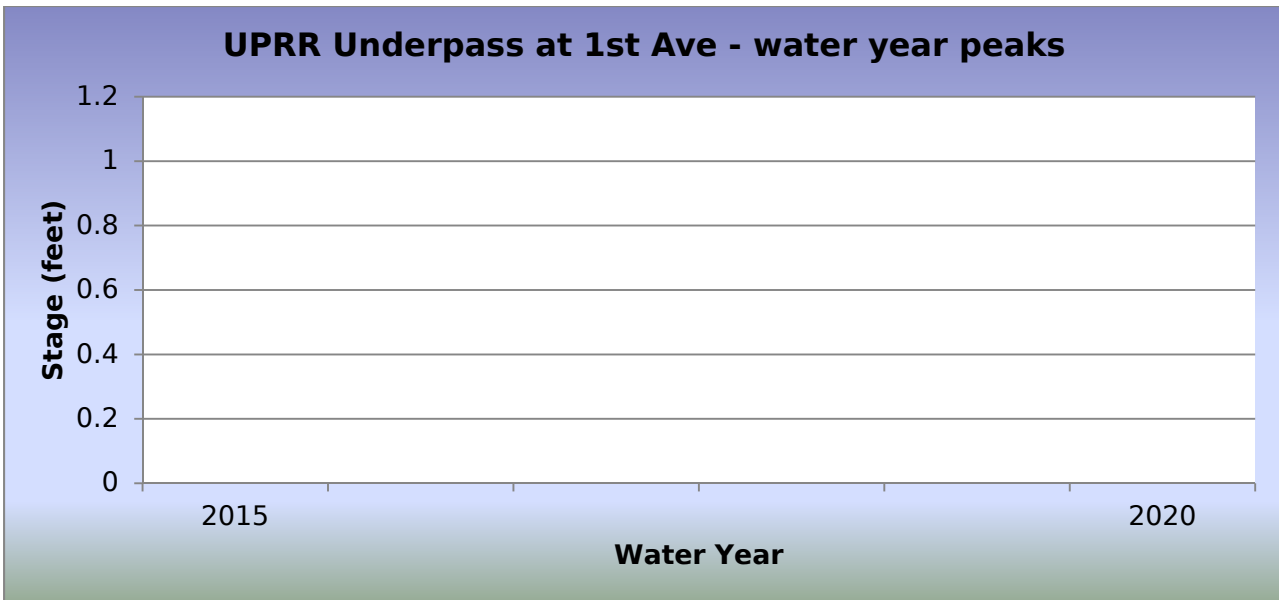
UPRR Underpass at First Avenue, ID #3107



Site Data

LOCATION	Near First Avenue and Jackson Street
DRAINAGE AREA	None
STREAM TYPE	Roadway Underpass
JURISDICTION	Phoenix, Arizona
WATERSHED	Lower Arizona Canal Diversion Channel
SECTION/TOWNSHIP/RANGE	S08 T1N R3E
LATITUDE	N 33° 26' 39.4" +33.44429
LONGITUDE	W 112° 04' 29.0" -112.07472
STREAMGAGE INSTALLATION DATE	05/30/2017 – WY2017
AVAILABLE PERIOD OF RECORD (POR)	05/30/2017 – Current
LENGTH OF AVAILABLE POR DATA	0.34 Years 124 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	-9.83 feet Gage Height
STAFF GAGES	0
ZERO GAGE HEIGHT ELEVATION	0.00 feet Gage Height
MINIMUM ROADWAY ELEVATION	0.0 feet Gage Height

Location Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
None			

Hydrograph of peak WY 2017 impoundment event

No event recorded in Water Year 2017.

UPRR Underpass at First Avenue, stage data

Depth, in feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	-9.8	-9.8	-9.8	-9.8
2	---	---	---	---	---	---	---	---	-9.8	-9.8	-9.8	-9.8
3	---	---	---	---	---	---	---	---	-9.8	-9.8	-9.8	-9.8
4	---	---	---	---	---	---	---	---	-9.8	-9.8	-9.8	-9.8
5	---	---	---	---	---	---	---	---	-9.8	-9.8	-9.8	-9.8
6	---	---	---	---	---	---	---	---	-9.8	-9.8	-9.8	-9.8
7	---	---	---	---	---	---	---	---	-9.8	-9.8	-9.8	-9.8
8	---	---	---	---	---	---	---	---	-9.8	-9.8	-9.8	-9.8
9	---	---	---	---	---	---	---	---	-9.8	-9.8	-9.8	-9.8
10	---	---	---	---	---	---	---	---	-9.8	-9.8	-9.8	-9.8
11	---	---	---	---	---	---	---	---	-9.8	-9.8	-9.8	-9.8
12	---	---	---	---	---	---	---	---	-9.8	-9.8	-9.8	-9.8
13	---	---	---	---	---	---	---	---	-9.8	-9.8	-9.8	-9.8
14	---	---	---	---	---	---	---	---	-9.8	-9.8	-9.8	-9.8
15	---	---	---	---	---	---	---	---	-9.8	---	-9.8	-9.8
16	---	---	---	---	---	---	---	---	-9.8	---	-9.8	-9.8
17	---	---	---	---	---	---	---	---	-9.8	---	-9.8	-9.8
18	---	---	---	---	---	---	---	---	-9.8	---	-9.8	-9.8
19	---	---	---	---	---	---	---	---	-9.8	-9.8	-9.8	-9.8
20	---	---	---	---	---	---	---	---	-9.8	-9.8	-9.8	-9.8
21	---	---	---	---	---	---	---	---	-9.8	-9.8	-9.8	-9.8
22	---	---	---	---	---	---	---	---	-9.8	-9.8	-9.8	-9.8
23	---	---	---	---	---	---	---	---	-9.8	-9.8	-9.8	-9.8
24	---	---	---	---	---	---	---	---	-9.8	-9.8	-9.8	-9.8
25	---	---	---	---	---	---	---	---	-9.8	-9.8	-9.8	-9.8
26	---	---	---	---	---	---	---	---	-9.8	-9.8	-9.8	-9.8
27	---	---	---	---	---	---	---	---	-9.8	-9.8	-9.8	-9.8
28	---	---	---	---	---	---	---	---	-9.8	-9.8	-9.8	-9.8
29	---	---	---	---	---	---	---	---	-9.8	-9.8	-9.8	-9.8
30	---	---	---	---	---	---	---	-9.8	-9.8	-9.8	-9.8	-9.8
31	---	---	---	---	---	---	---	-9.8	---	-9.8	-9.8	---
MEAN	---	---	---	---	---	---	---	-9.8	-9.8	-9.8	-9.8	-9.8
MAX	---	---	---	---	---	---	---	-9.8	-9.8	-9.8	-9.8	-9.8
MIN	---	---	---	---	---	---	---	-9.8	-9.8	-9.8	-9.8	-9.8
WTR YR 2017	MEAN	-9.83	MAX	-9.83	MIN	-9.83						

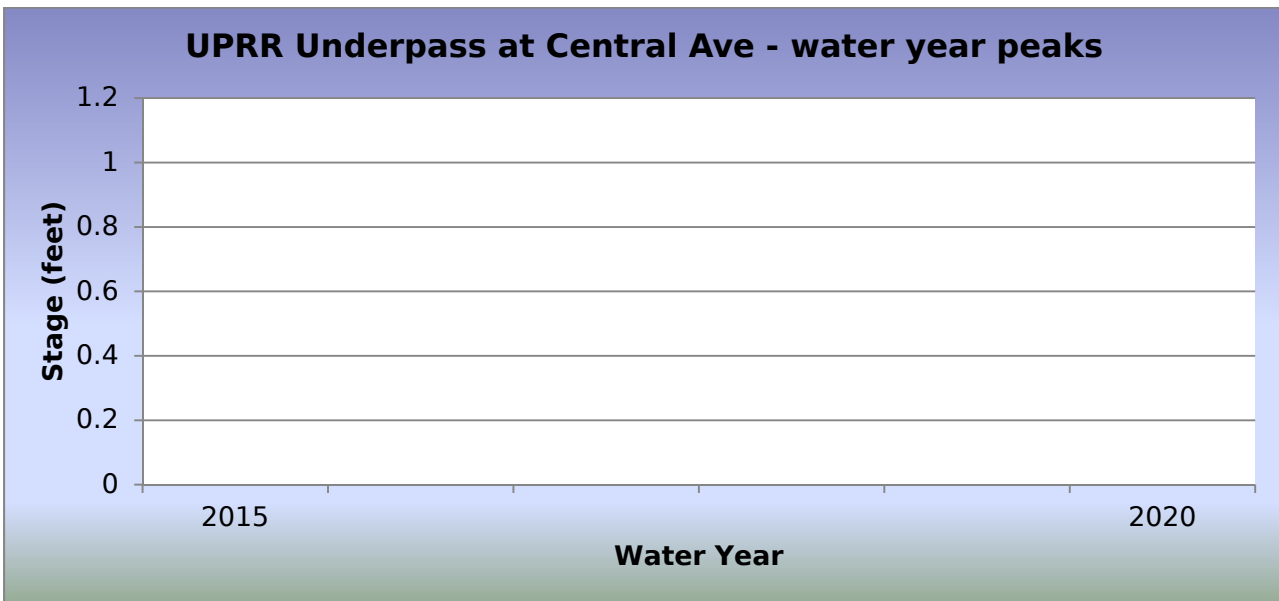
UPRR Underpass at Central Avenue, ID #3207



Site Data

LOCATION	Near Central Avenue and Jackson Street
DRAINAGE AREA	None
STREAM TYPE	Roadway Underpass
JURISDICTION	Phoenix, Arizona
WATERSHED	Lower Arizona Canal Diversion Channel
SECTION/TOWNSHIP/RANGE	S08 T1N R3E
LATITUDE	N 33° 26' 38.9" +33.44413
LONGITUDE	W 112° 04' 25.5" -112.07376
STREAMGAGE INSTALLATION DATE	05/30/2017 – WY2017
AVAILABLE PERIOD OF RECORD (POR)	05/30/2017 – Current
LENGTH OF AVAILABLE POR DATA	0.34 Years 124 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	-5.00 feet Gage Height
STAFF GAGES	0
ZERO GAGE HEIGHT ELEVATION	0.00 feet Gage Height
MINIMUM ROADWAY ELEVATION	0.0 feet Gage Height

Location Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
None			

Hydrograph of peak WY 2017 impoundment event

No event recorded in Water Year 2017.

UPRR Underpass at Central Avenue, stage data

Depth, in feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	-5.0	-5.0	-5.0	-5.0
2	---	---	---	---	---	---	---	---	-5.0	-5.0	-5.0	-5.0
3	---	---	---	---	---	---	---	---	-5.0	-5.0	-5.0	-5.0
4	---	---	---	---	---	---	---	---	-5.0	-5.0	-5.0	-5.0
5	---	---	---	---	---	---	---	---	-5.0	-5.0	-5.0	-5.0
6	---	---	---	---	---	---	---	---	-5.0	-5.0	-5.0	-5.0
7	---	---	---	---	---	---	---	---	-5.0	-5.0	-5.0	-5.0
8	---	---	---	---	---	---	---	---	-5.0	-5.0	-5.0	-5.0
9	---	---	---	---	---	---	---	---	-5.0	-5.0	-5.0	-5.0
10	---	---	---	---	---	---	---	---	-5.0	-5.0	-5.0	-5.0
11	---	---	---	---	---	---	---	---	-5.0	-5.0	-5.0	-5.0
12	---	---	---	---	---	---	---	---	-5.0	-5.0	-5.0	-5.0
13	---	---	---	---	---	---	---	---	-5.0	-5.0	-5.0	-5.0
14	---	---	---	---	---	---	---	---	-5.0	-5.0	-5.0	-5.0
15	---	---	---	---	---	---	---	---	-5.0	-5.0	-5.0	-5.0
16	---	---	---	---	---	---	---	---	-5.0	-5.0	-5.0	-5.0
17	---	---	---	---	---	---	---	---	-5.0	-5.0	-5.0	-5.0
18	---	---	---	---	---	---	---	---	-5.0	-5.0	-5.0	-5.0
19	---	---	---	---	---	---	---	---	-5.0	-5.0	-5.0	-5.0
20	---	---	---	---	---	---	---	---	-5.0	-5.0	-5.0	-5.0
21	---	---	---	---	---	---	---	---	-5.0	-5.0	-5.0	-5.0
22	---	---	---	---	---	---	---	---	-5.0	-5.0	-5.0	-5.0
23	---	---	---	---	---	---	---	---	-5.0	-5.0	-5.0	-5.0
24	---	---	---	---	---	---	---	---	-5.0	-5.0	-5.0	-5.0
25	---	---	---	---	---	---	---	---	-5.0	-5.0	-5.0	-5.0
26	---	---	---	---	---	---	---	---	-5.0	-5.0	-5.0	-5.0
27	---	---	---	---	---	---	---	---	-5.0	-5.0	-5.0	-5.0
28	---	---	---	---	---	---	---	---	-5.0	-5.0	-5.0	-5.0
29	---	---	---	---	---	---	---	---	-5.0	-5.0	-5.0	-5.0
30	---	---	---	---	---	---	---	-5.0	-5.0	-5.0	-5.0	-5.0
31	---	---	---	---	---	---	---	-5.0	---	-5.0	-5.0	---
MEAN	---	---	---	---	---	---	---	-0.3	-5.0	-5.0	-5.0	-5.0
MAX	---	---	---	---	---	---	---	---	-5.0	-5.0	-5.0	-5.0
MIN	---	---	---	---	---	---	---	-5.0	-5.0	-5.0	-5.0	-5.0
WTR YR 2017	MEAN	-1.69	MAX	---	MIN	-5.00						

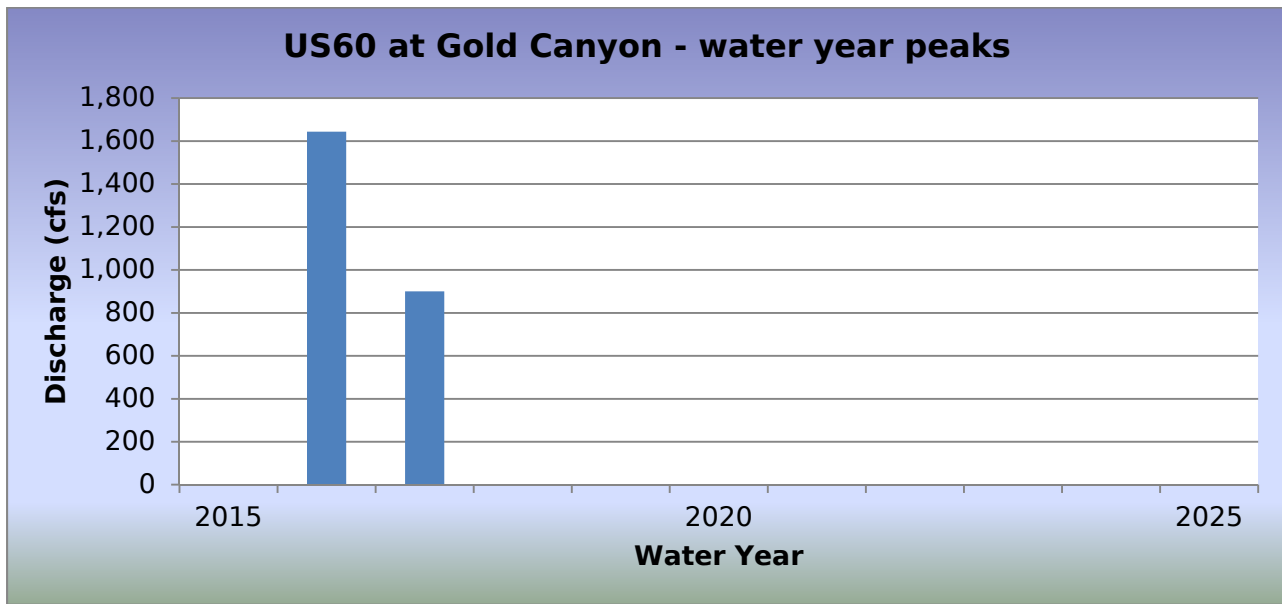
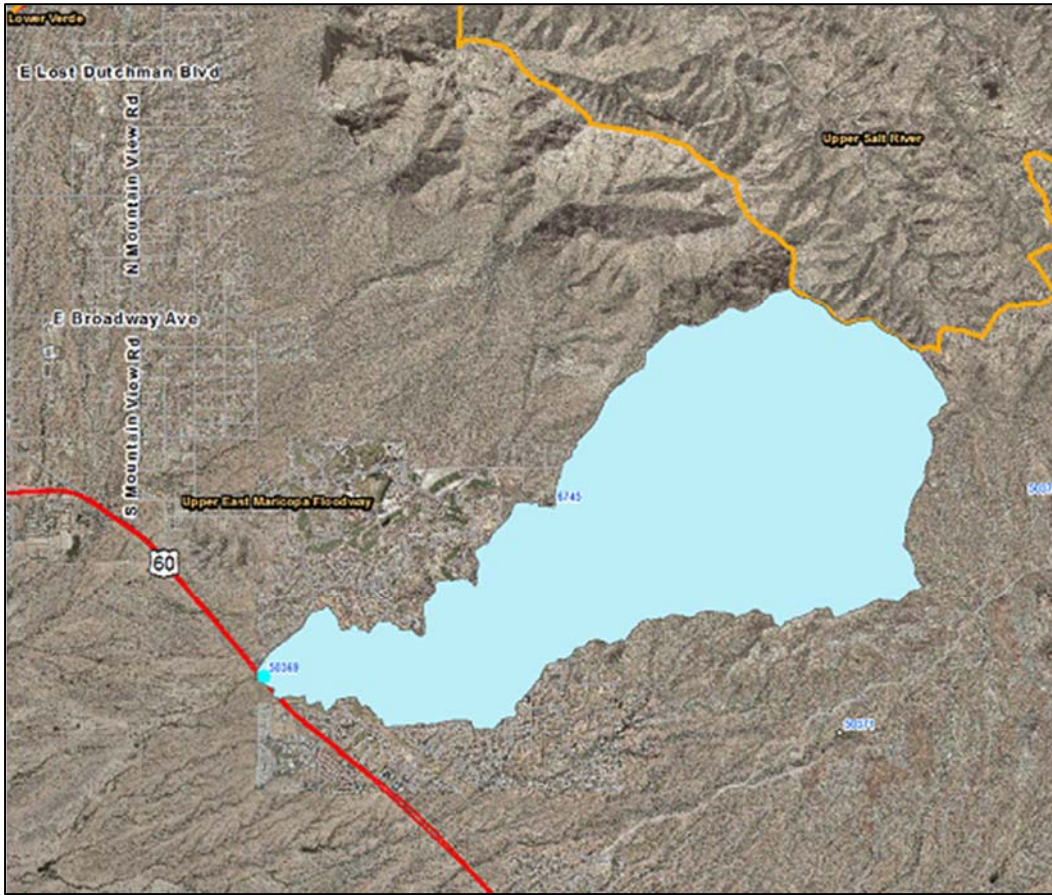
US60 at Gold Canyon, ID #36907



Site Data

LOCATION	Located near Superstition Mountain Drive and US60 in Gold Canyon
DRAINAGE AREA	9.25 mi ²
STREAM TYPE	Natural wash flows at a culvert
JURISDICTION	Pinal County, Arizona
WATERSHED	Upper East Maricopa Floodway
SECTION/TOWNSHIP/RANGE	S07 T1S R9E
LATITUDE	N 33° 21' 53.5" +33.36486
LONGITUDE	W 111° 28' 32.8" -111.47579
STREAMGAGE INSTALLATION DATE	05/11/2016 - WY 2016
AVAILABLE PERIOD OF RECORD (POR)	05/11/2016 - Current
LENGTH OF AVAILABLE POR DATA	1.39 Years 508 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.10 feet Gage Height
STAFF GAGES	None
CREST STAGE GAGES	None
ZERO GAGE HEIGHT ELEVATION	0.00 feet Gage Height
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	1,258 cfs 4.06 feet GH 08/09/2016

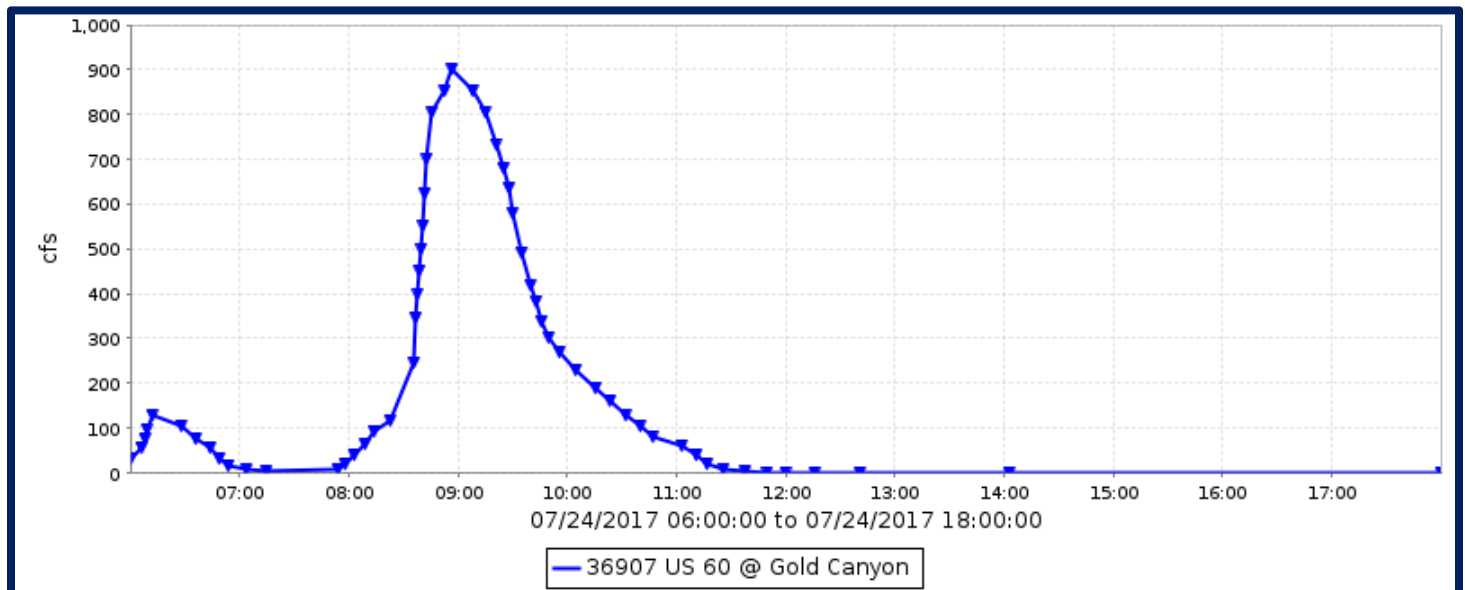
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
12/22/2016	2.66	881
01/01/2017	0.52	67
01/21/2017	0.44	50
07/10/2017	2.89	679
07/21/2017	1.27	104
07/23/2017	1.32	116
07/24/2017	1.37	128
07/24/2017	3.36	900
07/29/2017	1.54	175
08/01/2017	1.42	141

Hydrograph of peak WY 2017 flow event, 07/24/2017



Flood Flow Frequency

There is not enough data to compute a flood flow frequency for this gage station.

US60 at Gold Canyon, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1											4	
2												
3												
4												
5												
6												
7												
8												
9												
10										20		
11										3		
12												
13												
14												
15												
16												
17												
18												
19												
20												
21										2		
22			25									
23										2		
24										50		
25												
26												
27												
28												
29					---					5		
30					---							
31		---			---		---		---			---
TOTAL	0	0	25	0	0	0	0	0	0	83	4	0
MEAN	0	0	1	0	0	0	0	0	0	3	0	0
MAX	0	0	580	1	0	0	0	0	0	900	141	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	51	0	0	0	0	0	0	164	7	0
WTR YR 2017	TOTAL		112	MEAN	0	MAX	900	MIN	0	AC_FT		222

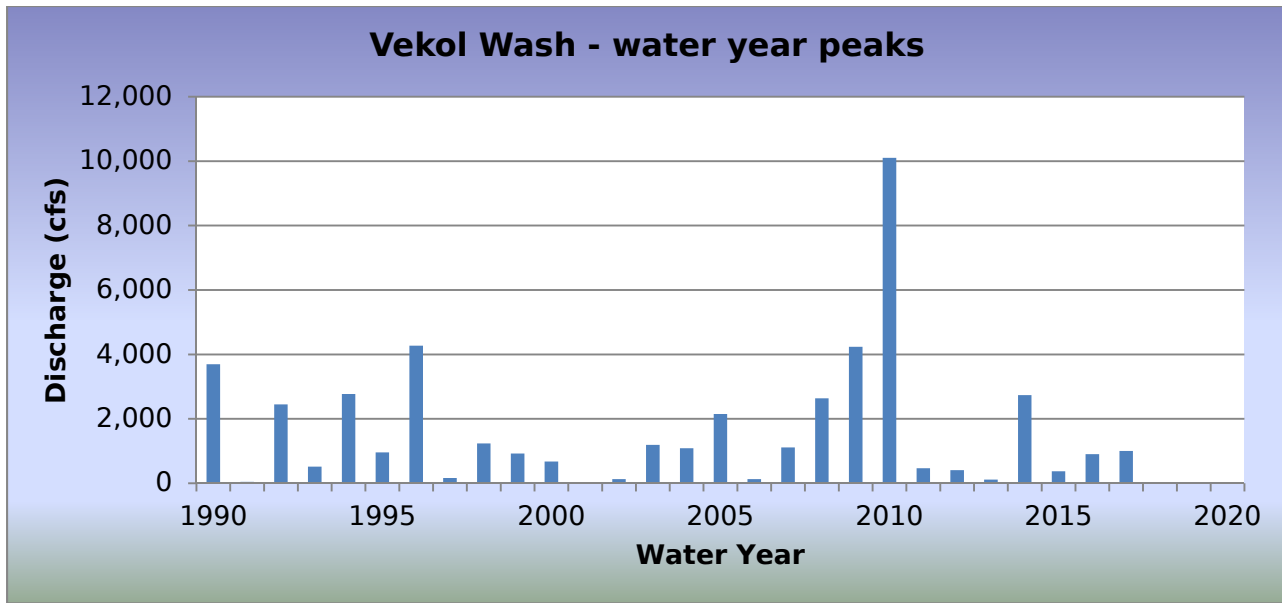
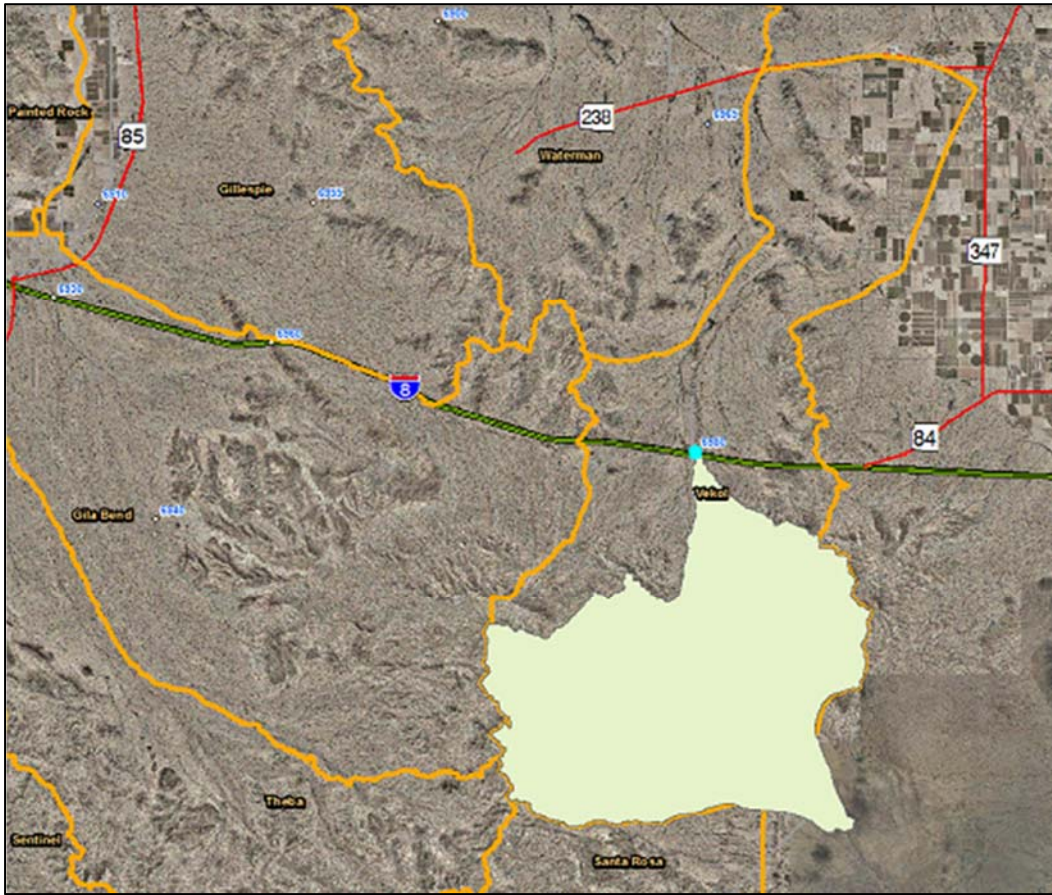
Vekol Wash, ID #6983



Site Data

LOCATION	Near I-8 and Vekol Valley Road
DRAINAGE AREA	150 mi ²
STREAM TYPE	Natural Stream
JURISDICTION	Maricopa County, Arizona
WATERSHED	Vekol
SECTION/TOWNSHIP/RANGE	S03 T7S R1E
LATITUDE	N 32° 50' 35.3" +32.84313
LONGITUDE	W 112° 15' 07.5" -112.25207
STREAMGAGE INSTALLATION DATE	03/07/1990 - WY 1990
AVAILABLE PERIOD OF RECORD (POR)	03/07/1990 - Current
LENGTH OF AVAILABLE POR DATA	27.57 Years 10,070 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	3.23 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	1,719.89 feet NAVD 1988
POINT OF ZERO FLOW	3.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	10,100 cfs 10.10 feet 08/27/2010

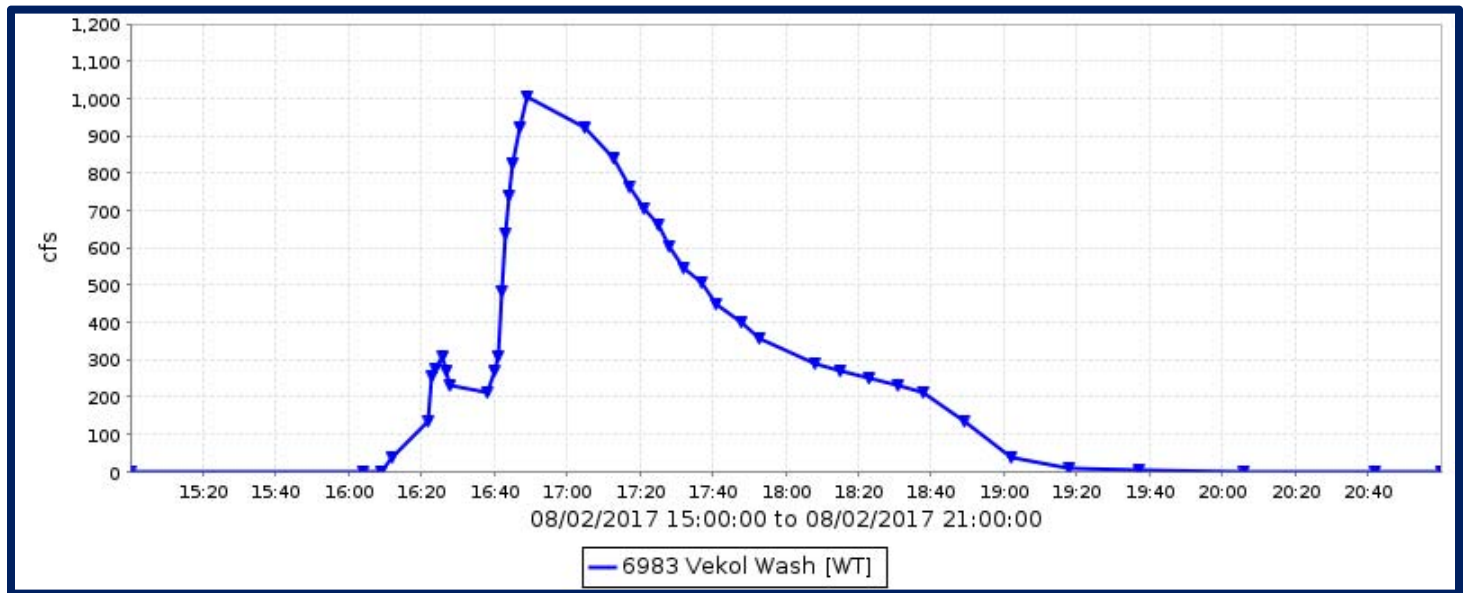
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
07/18/2017	6.22	863
08/02/2017	6.39	1,004
08/03/2017	5.54	526

Hydrograph of peak WY 2017 flow event, 08/02/2017



Flood Flow Frequency

Flood Flow Frequency N=28, HEC-WRC computation (based on 28 years of data)					
2-year	5-year	10-year	20-year	50-year	100-year
918	2,520	4,150	6,190	9,570	12,700

NOTE: These results are based on very limited data.

Vekol Wash, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2											52	
3											26	
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18										49		
19										67		
20												
21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	0	0	0	0	0	0	116	79	0
MEAN	0	0	0	0	0	0	0	0	0	4	3	0
MAX	0	0	0	0	0	0	0	0	0	863	1004	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	231	156	0
WTR YR 2017	TOTAL	195	MEAN	1	MAX	1004	MIN	0	AC_FT	386		

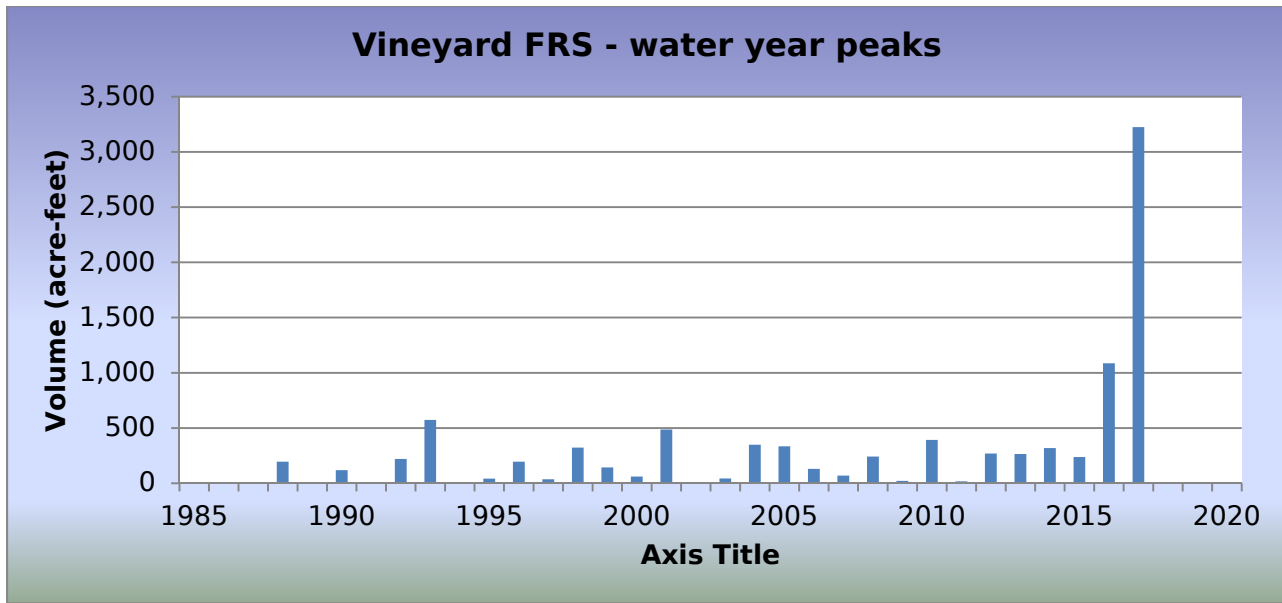
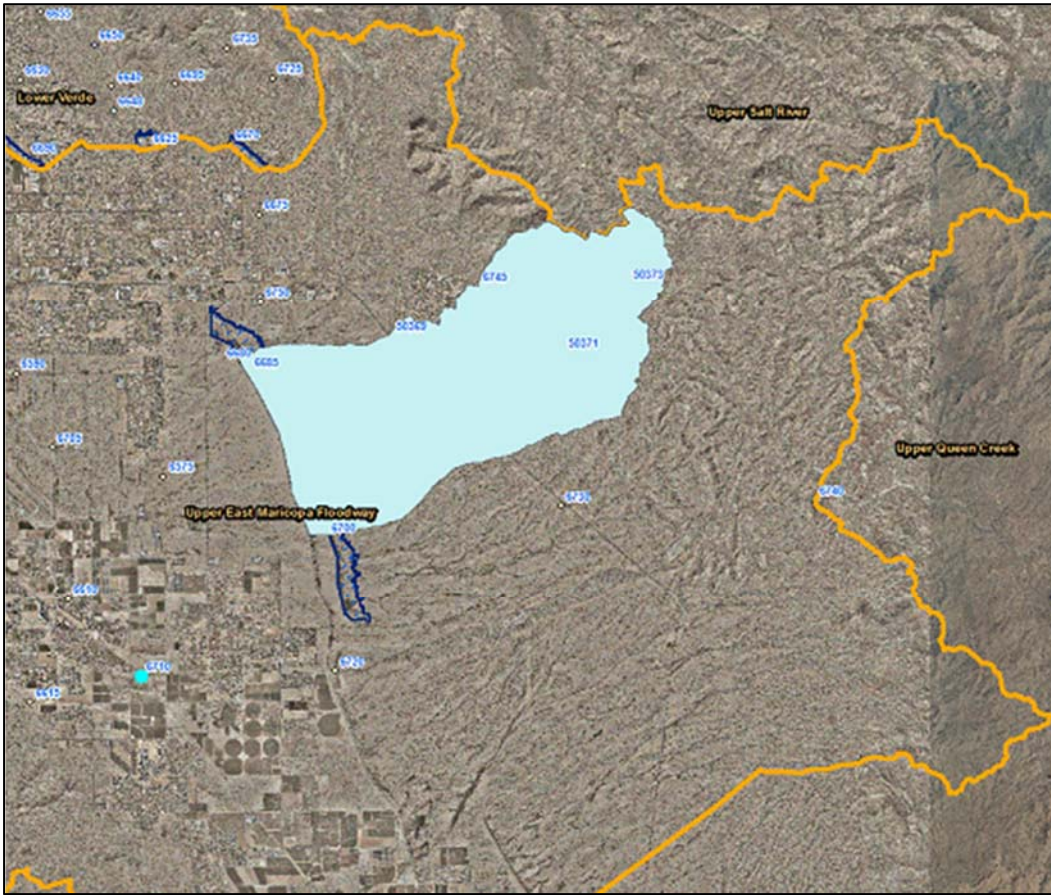
Vineyard FRS, ID #6688



Site Data

LOCATION	Located south of Apache Junction east of Ironwood Road
DRAINAGE AREA	53.7 mi ²
STREAM TYPE	Dam of natural drainage
JURISDICTION	Pinal County, Arizona
WATERSHED	Upper East Maricopa Floodway
SECTION/TOWNSHIP/RANGE	S09 T1S R8E
LATITUDE	N 33° 21' 03.3" +33.35091
LONGITUDE	W 111° 32' 34.2" -111.54282
STREAMGAGE INSTALLATION DATE	11/02/1983 - WY 1984
AVAILABLE PERIOD OF RECORD (POR)	11/09/1987 - Current
LENGTH OF AVAILABLE POR DATA	29.89 Years 10,919 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.20 feet Gage Height
STAFF GAGES	5
ZERO GAGE HEIGHT ELEVATION	1,564.20 feet NAVD 1988
POINT OF ZERO FLOW	0.00 feet Gage Height
SPILLWAY ELEVATION	11.3 feet Gage Height (South Spillway)
TOP OF DAM ELEVATION	16.2 feet Gage Height

Watershed Map

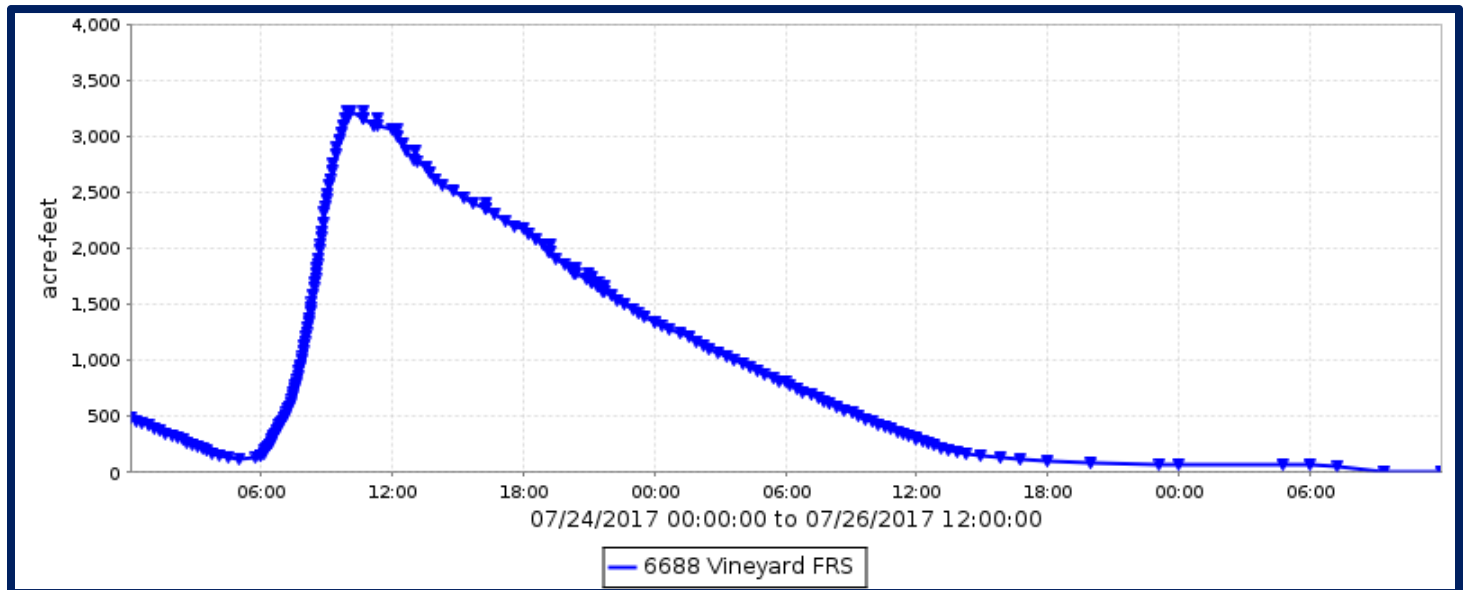


WY2017 Events*

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
12/22/2016	6.18	1,619.8	34.6
12/25/2016	2.06	343.9	7.6
01/01/2017	2.24	382.5	8.3
01/21/2017	2.81	516.1	11.1
01/24/2017	1.84	298.0	6.6
02/18/2017	0.67	82.8	1.8
07/23/2017	3.16	610.1	13.2
07/24/2017	9.26	3,225.1	68.9
07/29/2017	4.85	1,127.7	24.1
08/02/2017	3.13	601.9	13.1
08/03/2017	4.20	915.3	19.6
08/26/2017	4.10	884.4	19.0

*NOTE: Due to construction, peak volumes are greater than actual.

Hydrograph of peak WY 2017 impoundment event, 07/24/2017



Vineyard FRS, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values														
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP			
1				13								1			
2				12								26			
3				3								17			
4				1								6			
5															
6															
7															
8															
9															
10															
11															
12															
13															
14															
15															
16															
17															
18					1										
19					3										
20				1											
21				29											
22			46	12											
23			34							6					
24			7	3						115					
25			14	10						39					
26			11	1						1	14				
27			3								7				
28			2												
29					---					11					
30					---					41					
31		---			---		---		---	2		---			
TOTAL	0	0	115	84	4	0	0	0	0	215	72	0			
MEAN	0	0	4	3	0	0	0	0	0	7	2	0			
MAX	0	0	134	42	5	0	0	0	0	190	83	0			
MIN	0	0	0	0	0	0	0	0	0	0	0	0			
AC_FT	0	0	228	167	8	0	0	0	0	427	143	0			
WTR YR 2017	TOTAL		491	MEAN		1	MAX		190	MIN		0	AC_FT		974

Vineyard FRS, volume data

Volume, in acre-feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				175								12
2				171								331
3				62								223
4				19								102
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												15
19												65
20				17								
21				374								
22			521	174								
23			412	8							78	
24			113	48							1631	
25			196	147							465	
26			160	21							24	162
27			63									118
28			54									13
29											127	
30											484	
31		---						---		---	33	---
MEAN	0	0	49	39	3	0	0	0	0	92	31	0
MAX	0	0	1620	516	86	0	0	0	0	3225	915	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2017	MEAN		18	MAX	3225	MIN	0					

Vineyard FRS, stage data

Depth, in feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.2	0.2	0.2	1.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2
2	0.2	0.2	0.2	1.2	0.2	0.2	0.2	0.2	0.2	0.2	1.9	0.2
3	0.2	0.2	0.2	0.4	0.2	0.2	0.2	0.2	0.2	0.2	1.2	0.2
4	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.7	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	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2
19	0.2	0.2	0.2	0.2	0.5	0.2	0.2	0.2	0.2	0.2	0.2	0.2
20	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
21	0.2	0.2	0.2	2.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
22	0.2	0.2	2.3	1.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
23	0.2	0.2	2.2	0.2	0.2	0.2	0.2	0.2	0.2	0.6	0.2	0.2
24	0.2	0.2	0.8	0.5	0.2	0.2	0.2	0.2	0.2	5.7	0.2	0.2
25	0.2	0.2	1.3	1.0	0.2	0.2	0.2	0.2	0.2	2.3	0.2	0.2
26	0.2	0.2	1.1	0.3	0.2	0.2	0.2	0.2	0.2	0.3	0.9	0.2
27	0.2	0.2	0.5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.7	0.2
28	0.2	0.2	0.3	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	0.7	0.2	0.2
30	0.2	0.2	0.2	0.2	---	0.2	0.2	0.2	0.2	2.5	0.2	0.2
31	0.2	---	0.2	0.2	---	0.2	---	0.2	---	0.4	0.2	---
MEAN	0.2	0.2	0.4	0.4	0.2	0.2	0.2	0.2	0.2	0.6	0.3	0.2
MAX	0.2	0.2	6.2	2.8	0.7	0.2	0.2	0.2	0.2	9.3	4.2	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 2017	MEAN	0.28	MAX	9.26	MIN	0.20						

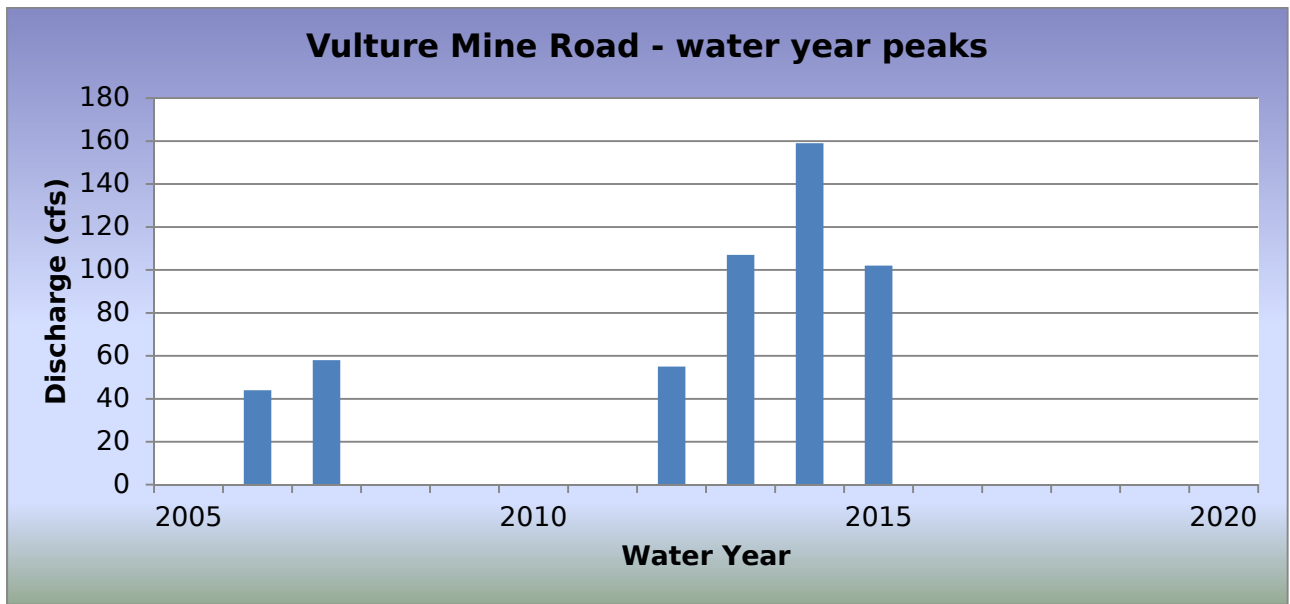
Vulture Mine Road, ID #5263



Site Data

LOCATION	At Vulture Mine Road and Steinway Drive
DRAINAGE AREA	0.13 mi ²
STREAM TYPE	Culvert - Natural Stream
JURISDICTION	Wickenburg, Arizona
WATERSHED	Lower Hassayampa
SECTION/TOWNSHIP/RANGE	S15 T7N R5W
LATITUDE	N 33° 57' 08.4" +33.95233
LONGITUDE	W 112° 46' 18.4" -112.77179
STREAMGAGE INSTALLATION DATE	10/25/2005 - WY 2006
AVAILABLE PERIOD OF RECORD (POR)	10/25/2005 - Current
LENGTH OF AVAILABLE POR DATA	11.93 Years 4,359 Days
DATA GAPS IN POR	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.35 feet Gage Height
STAFF GAGES	1
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	0.00 feet Gage Height
POINT OF ZERO FLOW	1.53 feet Gage Height
EXTREME FOR PERIOD OF RECORD	159 cfs 3.58 feet 08/03/2014

Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
No flow recorded		

Hydrograph of peak WY 2017 flow event

There was no recorded flow during Water Year 2017.

Flood Flow Frequency

There is not enough data to compute a flood flow frequency for this gage station.

Vulture Mine Road, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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		---			---		---		---			---
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	1	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 2017	TOTAL		1	MEAN	0	MAX	1	MIN	0	AC_FT	2	

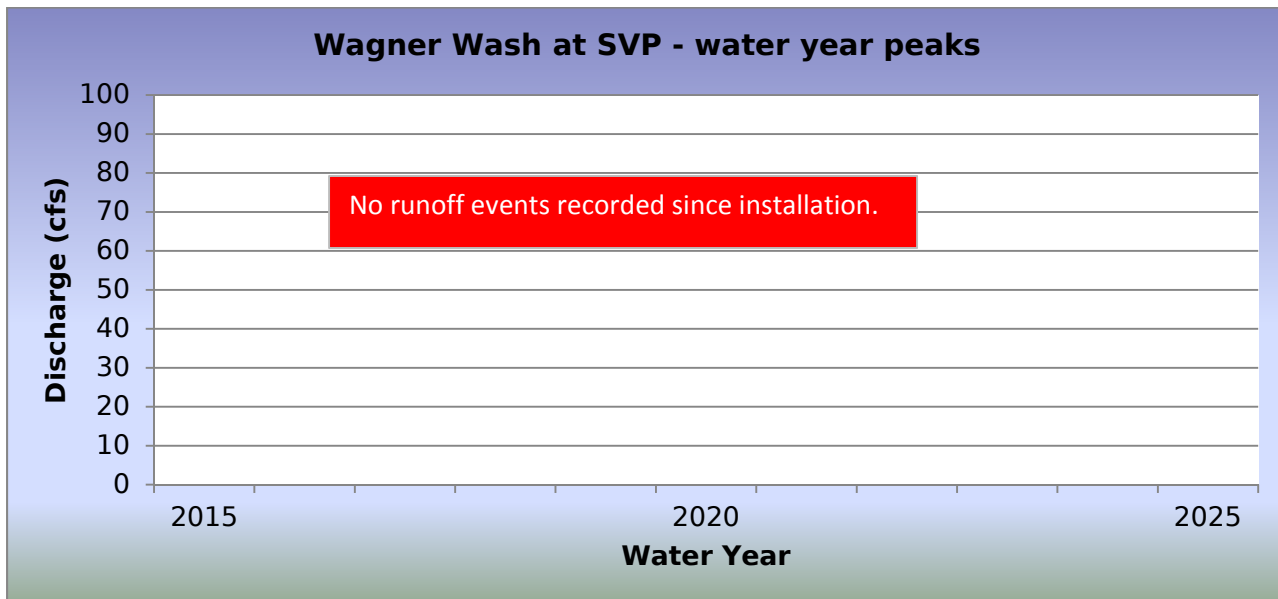
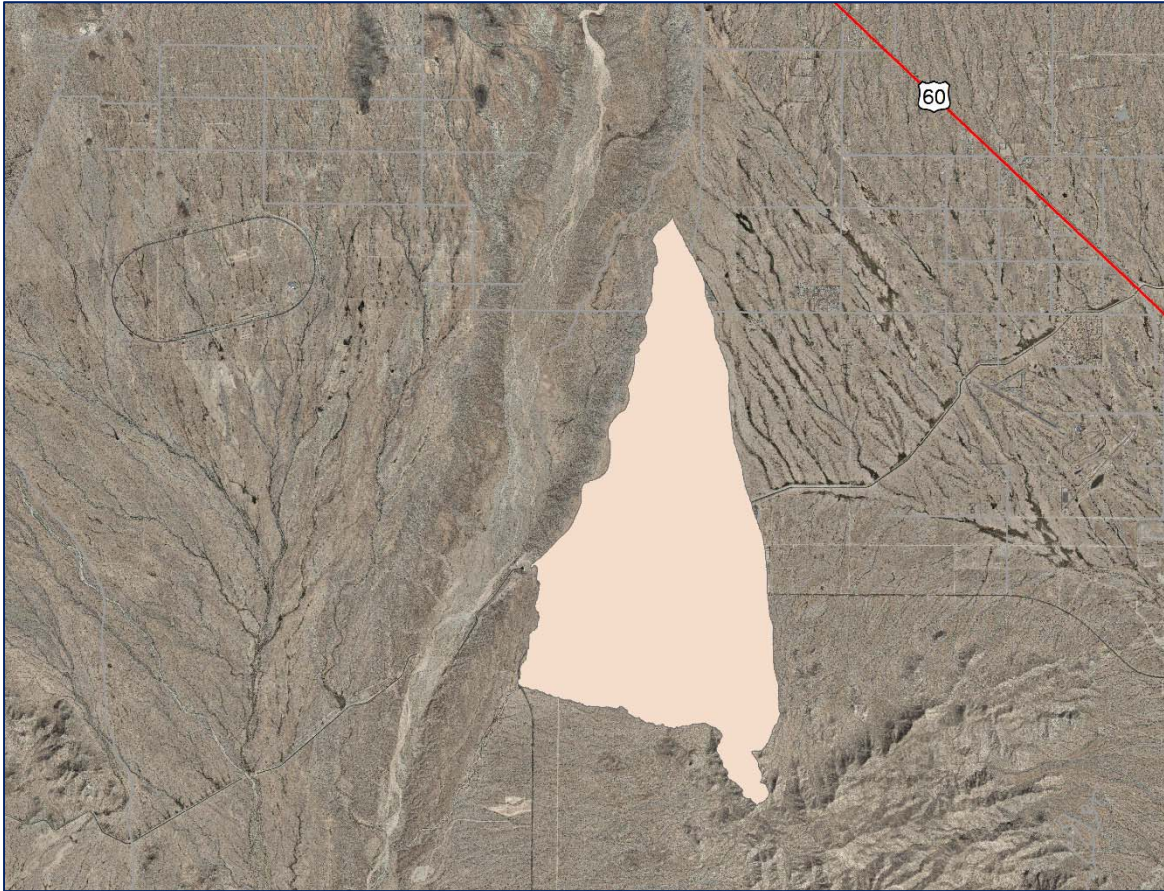
Wagner Wash at Sun Valley Parkway, ID #44707



Site Data

LOCATION	On Sun Valley Parkway near the Bell Road alignment
DRAINAGE AREA	27.7 mi ²
STREAM TYPE	Culvert - Natural Stream
JURISDICTION	Buckeye, Arizona
WATERSHED	Lower Hassayampa
SECTION/TOWNSHIP/RANGE	S05 T3N R4W
LATITUDE	N 33° 38' 07.0" +33.63527
LONGITUDE	W 112° 41' 25.9" -112.69053
STREAMGAGE INSTALLATION DATE	02/16/2017 – WY2017
AVAILABLE PERIOD OF RECORD (POR)	02/16/2017 – Current
LENGTH OF AVAILABLE POR DATA	0.62 Years 227 Days
DATA GAPS IN POR	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.05 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	1,434.80 feet NAVD88
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	No Events Recorded Since Installation

Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
No flow recorded		

Hydrograph of peak WY 2017 flow event

There was no recorded flow during Water Year 2017.

Flood Flow Frequency

There is not enough data to compute a flood flow frequency for this gage station.

Wagner Wash at Sun Valley Parkway, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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	---	---	---	---	---		---		---			---
TOTAL	---	---	---	---	0	0	0	0	0	0	0	0
MEAN	---	---	---	---	0	0	0	0	0	0	0	0
MAX	---	---	---	---	0	0	0	0	0	0	0	0
MIN	---	---	---	---	0	0	0	0	0	0	0	0
AC_FT	---	---	---	---	0	0	0	0	0	0	0	0
WTR YR 2017	TOTAL		0	MEAN	0	MAX	0	MIN	0	AC_FT	0	

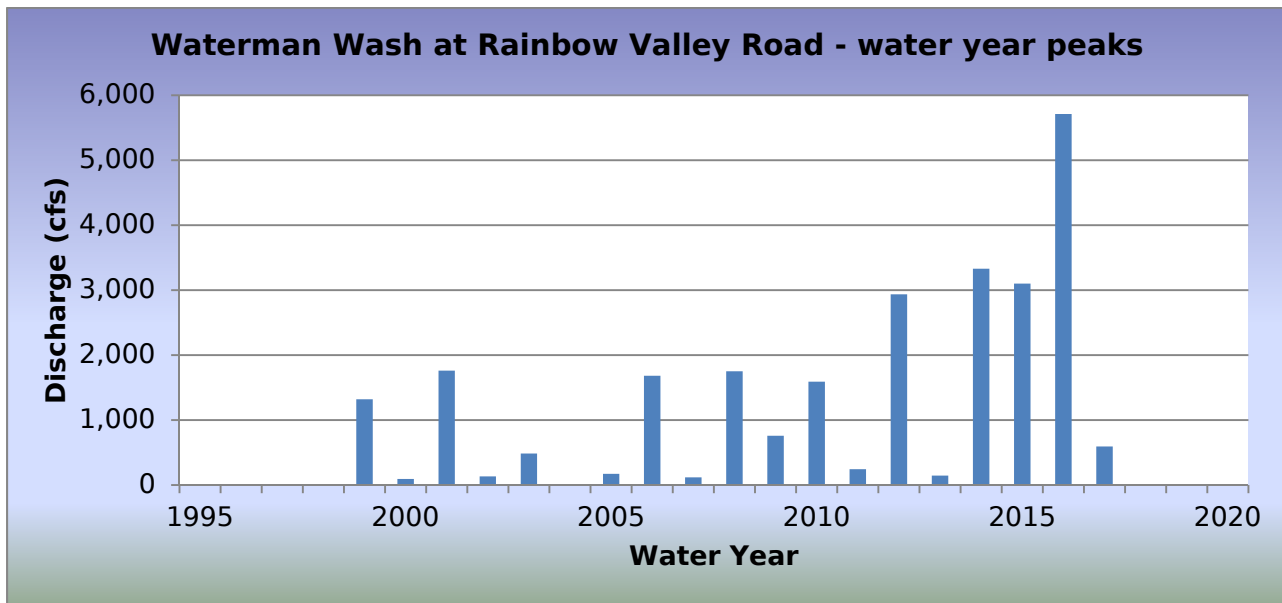
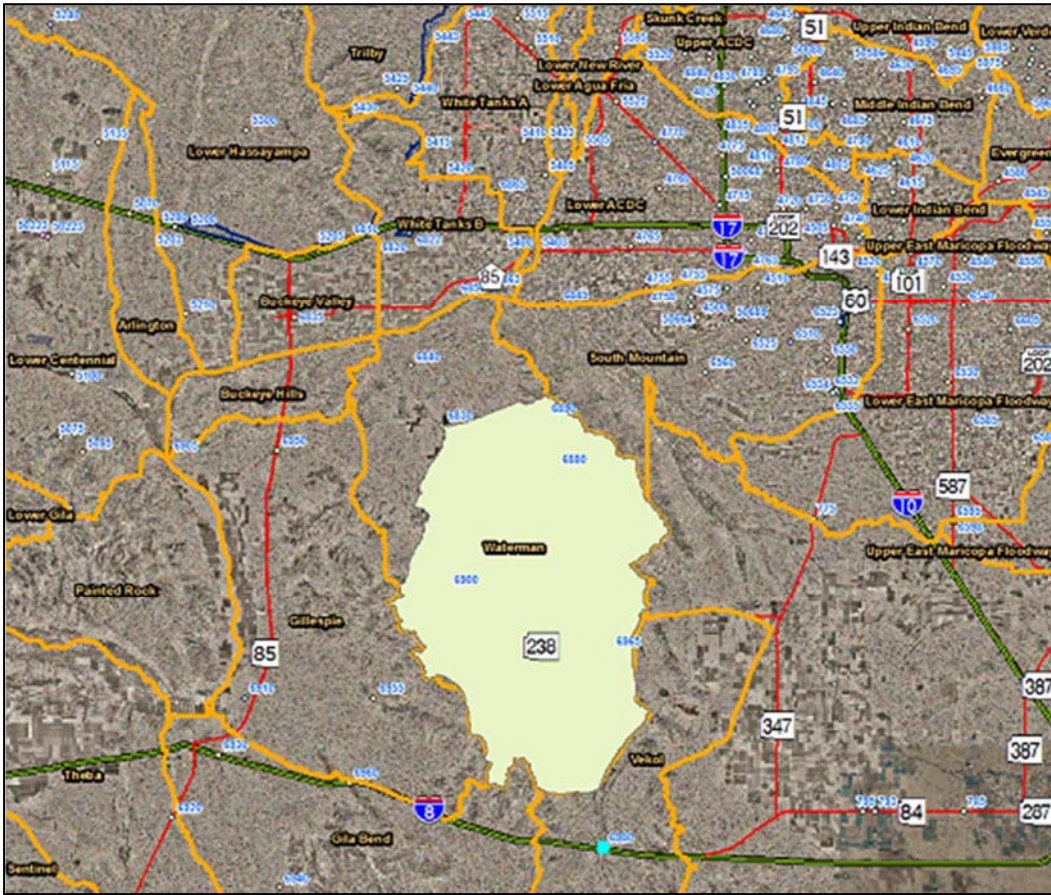
Waterman Wash at Rainbow Valley Road, ID #6833



Site Data

LOCATION	At Rainbow Valley Road and Queen Creek Road
DRAINAGE AREA	362 mi ²
STREAM TYPE	Natural Stream
JURISDICTION	Goodyear, Arizona
WATERSHED	Waterman
SECTION/TOWNSHIP/RANGE	S10 T2S R2W
LATITUDE	N 33° 15' 42.2" +33.26173
LONGITUDE	W 112° 26' 38.5" -112.44404
STREAMGAGE INSTALLATION DATE	03/18/1999 - WY 1999
AVAILABLE PERIOD OF RECORD	03/18/1999 - Current
LENGTH OF AVAILABLE POR DATA	18.54 Years 6,772 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	1.00 feet Gage Height
STAFF GAGES	1
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	1,010.26 feet NAVD 1988
POINT OF ZERO FLOW	1.1 feet Gage Height
EXTREME FOR PERIOD OF RECORD	5,713 cfs 10.82 feet 07/30/2016

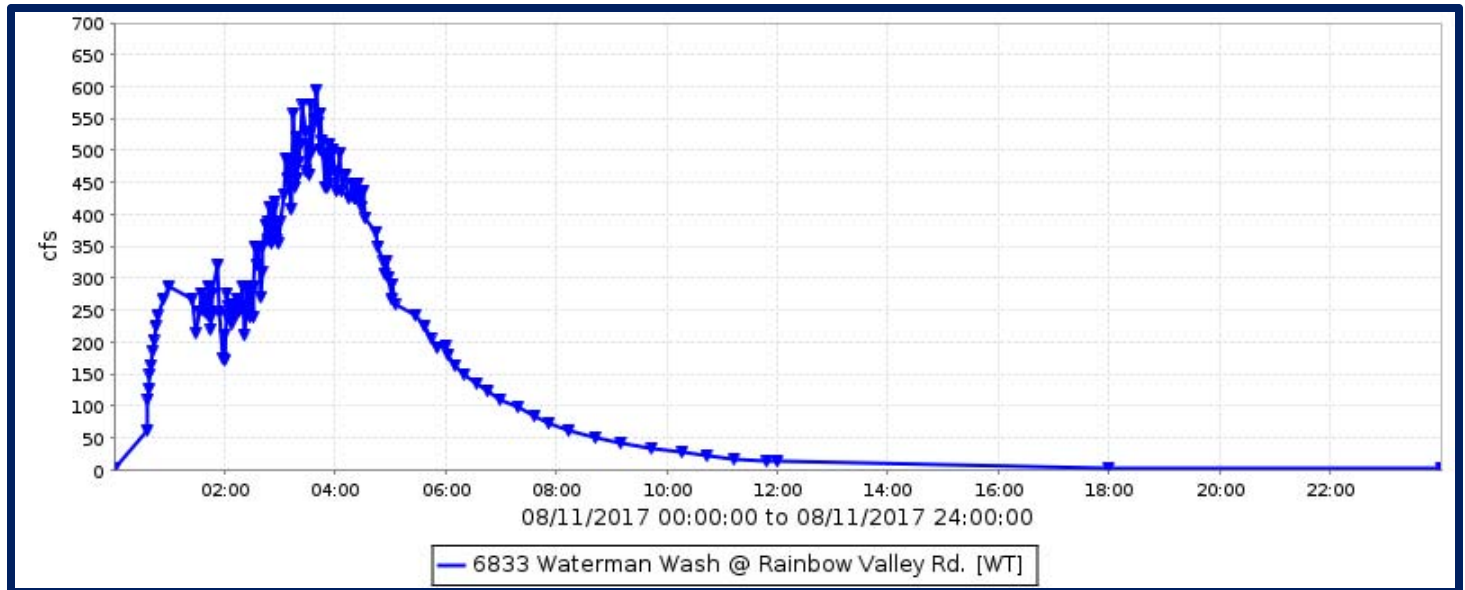
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
12/22/2016	1.94	72
01/21/2017	2.22	102
08/11/2017	4.58	594
08/12/2017	4.19	482

Hydrograph of peak WY 2017 flow event, 08/11/2017



Flood Flow Frequency

Flood Flow Frequency N=19, HEC-WRC computation (based on 19 years of data)					
2-year	5-year	10-year	20-year	50-year	100-year
692	2,130	3,750	5,910	9,750	13,500

NOTE: These results are based on very limited data.

Waterman Wash, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2		1		1							1	
3		1		1							1	
4		1		1							1	
5		1		1							1	
6		1		1							1	
7		1		1							1	
8		1		1							1	
9		1		1							1	
10		1		1							1	
11		1		1							94	
12		1		1							79	
13		1		1							1	
14		1		1							1	
15		1		1							1	
16		1		1							1	
17		1		1							1	
18		1		1							1	
19		1		1							1	
20		1		1							1	
21		1		16							1	
22		1	3	1							1	
23		1		1							1	
24		1		1							1	
25		1		1							1	
26		1		1							1	
27		1		1							1	
28		1		1							1	
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	27	3	43	0	0	0	0	0	0	199	0
MEAN	0	1	0	1	0	0	0	0	0	0	6	0
MAX	0	1	72	108	0	0	0	0	0	0	594	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	54	7	84	0	0	0	0	0	0	394	0
WTR YR 2017	TOTAL		272	MEAN		1	MAX	594	MIN	0	AC_FT	540

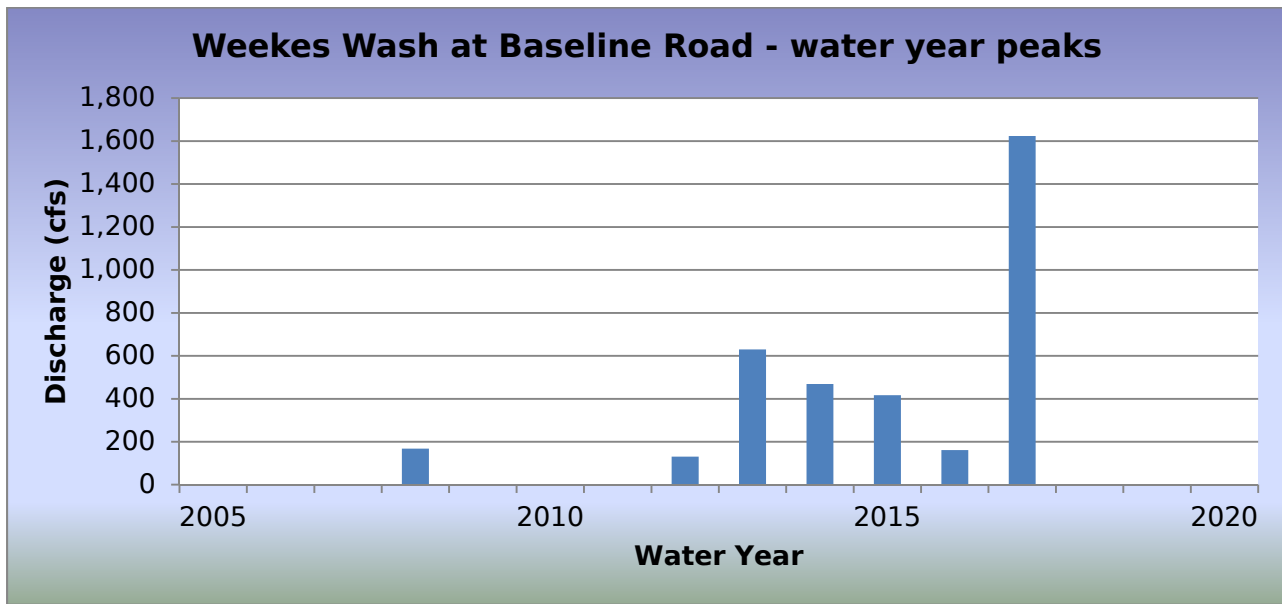
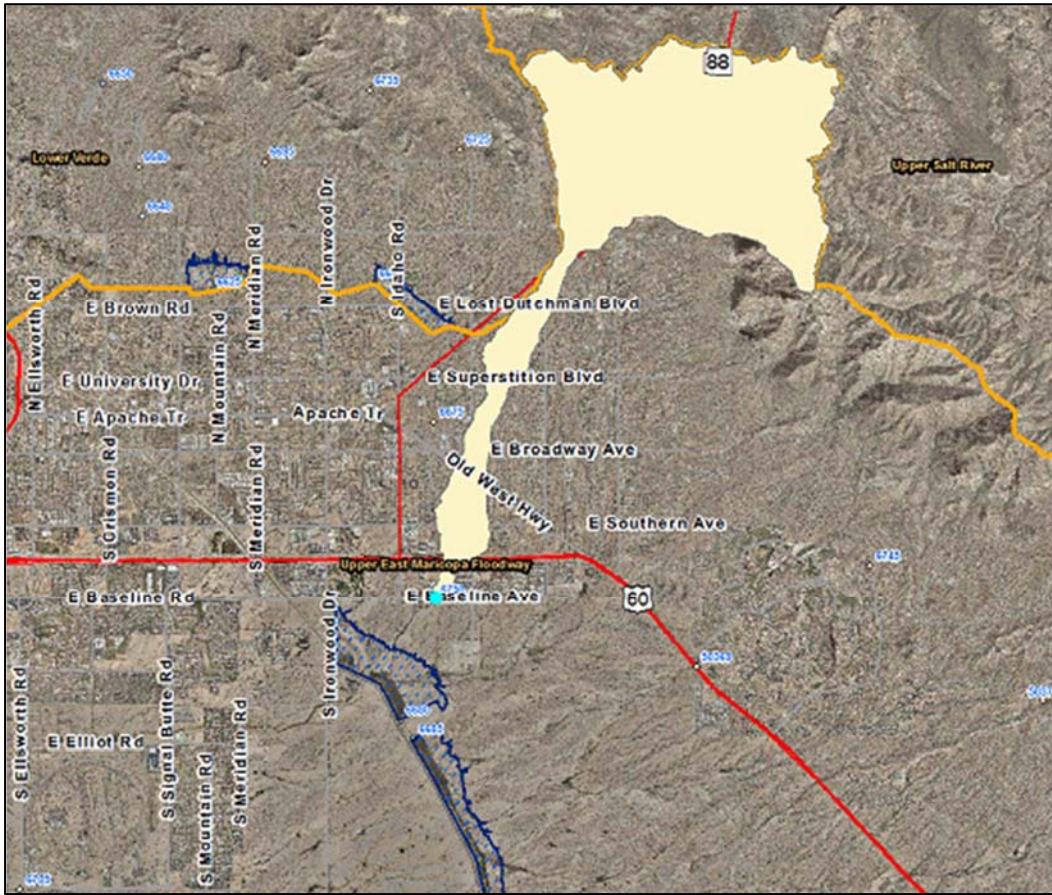
Weekes Wash at Baseline Road, ID #6753



Site Data

LOCATION	Baseline Road between Idaho and Tomahawk Roads
DRAINAGE AREA	11.9 mi ²
STREAM TYPE	Engineered channel of natural stream
JURISDICTION	Apache Junction, Arizona
WATERSHED	Upper East Maricopa Floodway
SECTION/TOWNSHIP/RANGE	S04 T1S R8E
LATITUDE	N 33° 22' 43.7" +33.37881
LONGITUDE	W 111° 32' 15.1" -111.53752
STREAMGAGE INSTALLATION DATE	05/27/2008 - WY 2008
AVAILABLE PERIOD OF RECORD (POR)	05/27/2008 - Current
LENGTH OF AVAILABLE POR DATA	9.35 Years 3,414 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.20 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	0.00 feet Gage Height
POINT OF ZERO FLOW	0.00 feet Gage Height
EXTREME FOR PERIOD OF RECORD	1,624 cfs 7.24 feet Gage Height 07/24/2017

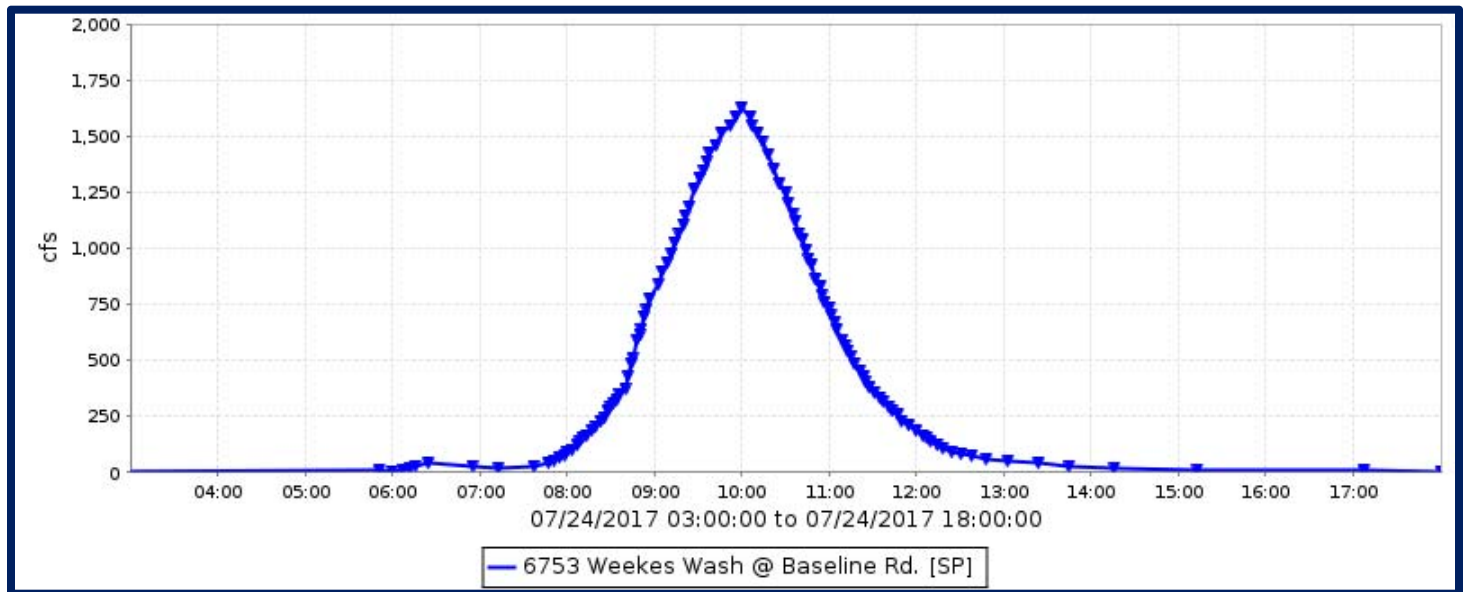
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
07/21/2017	1.51	126
07/23/2017	1.46	120
07/24/2017	7.24	1,624
07/29/2017	0.61	27
09/08/2017	0.74	41

Hydrograph of peak WY 2017 flow event, 07/24/2017



Flood Flow Frequency

There is not enough data to compute a flood flow frequency for this gage station.

Weekes Wash at Baseline Road, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												2
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21				---						5		
22				---								
23										10		
24										144		
25												
26												
27												
28												
29					---					2		
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	0	0	0	0	0	0	161	0	2
MEAN	0	0	0	0	0	0	0	0	0	5	0	0
MAX	0	0	0	0	0	0	0	0	0	1624	0	41
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	0	0	0	319	0	5
WTR YR 2017	TOTAL	163	MEAN	0	MAX	1624	MIN	0	AC_FT	324		

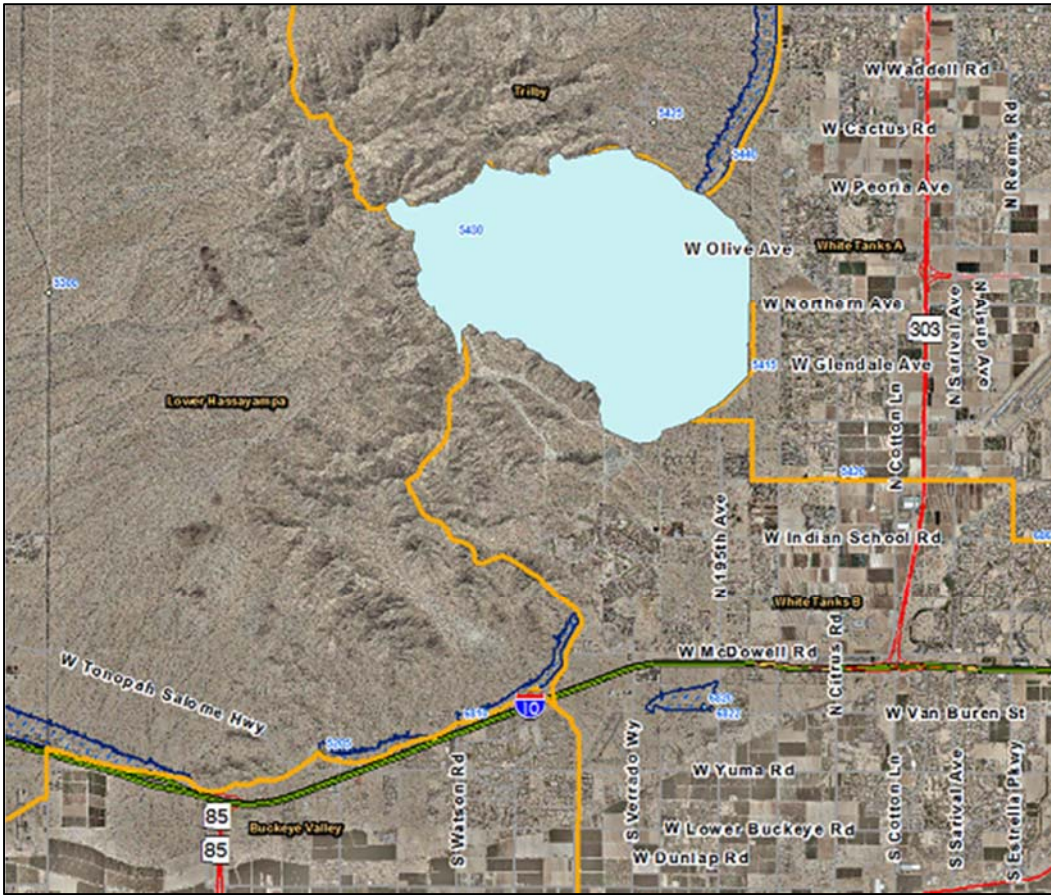
White Tanks FRS #3, ID #5418



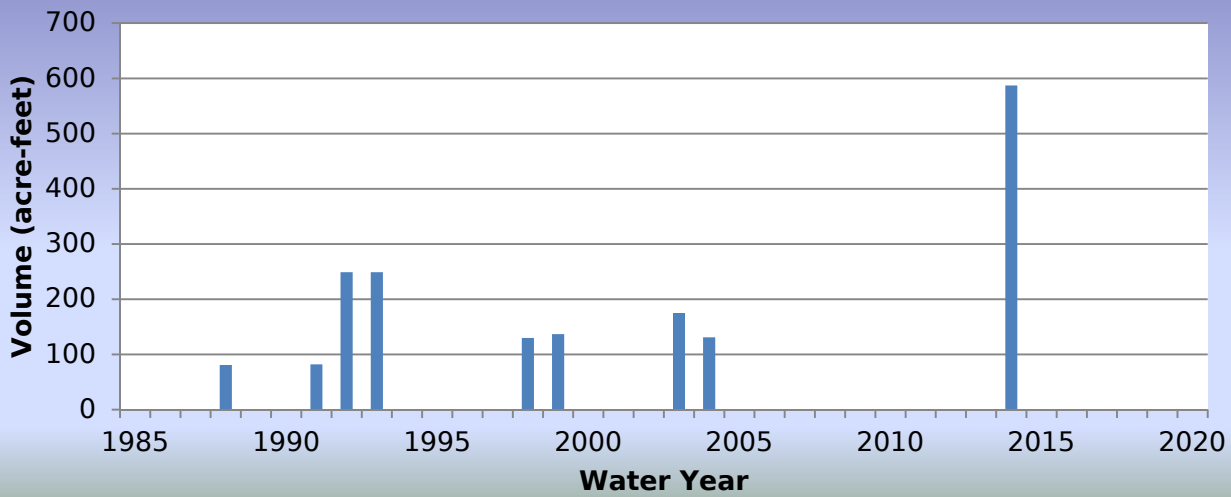
Site Data

LOCATION	Located on the eastern foothills of the White Tank Mountains, north of Northern Avenue
DRAINAGE AREA	20.5 mi ²
STREAM TYPE	Impounding of natural drainage
JURISDICTION	Maricopa County, Arizona
WATERSHED	White Tanks B
SECTION/TOWNSHIP/RANGE	S09 T2N R2W
LATITUDE	N 33° 31' 56.0" +33.53322
LONGITUDE	W 112° 28' 19.2" -112.47199
STREAMGAGE INSTALLATION DATE	03/12/1986 - WY 1986
AVAILABLE PERIOD OF RECORD	01/01/1988 - Current
LENGTH OF AVAILABLE POR DATA	29.75 Years 10,866 Days
DATA GAPS IN POR	12/14/2005 - 06/18/2008
STAGE GAGE ELEVATION	1.50 feet Gage Height
STAFF GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,191.00 feet NAVD 1988
POINT OF ZERO FLOW (CONTROLLED)	0.00 feet Gage Height
POINT OF ZERO FLOW (CONTROLLED BYPASS OUTLET)	6.0 feet Gage Height
POINT OF ZERO FLOW (UNCONTROLLED)	9.0 feet Gage Height (currently blocked)
SPILLWAY ELEVATION	21.0 feet Gage Height
TOP OF DAM ELEVATION	27.0 feet Gage Height

Watershed Map



White Tanks FRS #3 - water year peaks



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
No impoundments			

Hydrograph of peak WY 2017 impoundment event

There were no impoundments recorded in Water Year 2017.

White Tanks FRS #3, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values														
	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		---			---		---		---			---			
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 2017	TOTAL		0	MEAN		0	MAX		0	MIN		0	AC_FT		0

White Tanks FRS #3, volume data

Volume, in acre-feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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	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 2017	MEAN		0	MAX	0	MIN	0					

White Tanks FRS #3, stage data

Depth, in feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
2	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
3	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	---
4	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	---
5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
6	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	---
7	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	---
8	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
9	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	---
10	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	0.0
11	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
12	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
13	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
14	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
15	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
16	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
17	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
18	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
19	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
20	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
21	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
22	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
23	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
24	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
25	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
26	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
27	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
28	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
29	1.5	1.5	1.5	1.5	---	1.5	1.5	1.5	1.5	1.5	1.5	1.5
30	1.5	1.5	1.5	1.5	---	1.5	1.5	1.5	1.5	1.5	1.5	1.5
31	1.5	---	1.5	1.5	---	1.5	---	1.5	---	1.5	1.5	---
MEAN	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
MAX	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
MIN	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
WTR YR 2017	MEAN	1.50	MAX	1.50	MIN	1.50						

White Tanks FRS #4, ID #6823

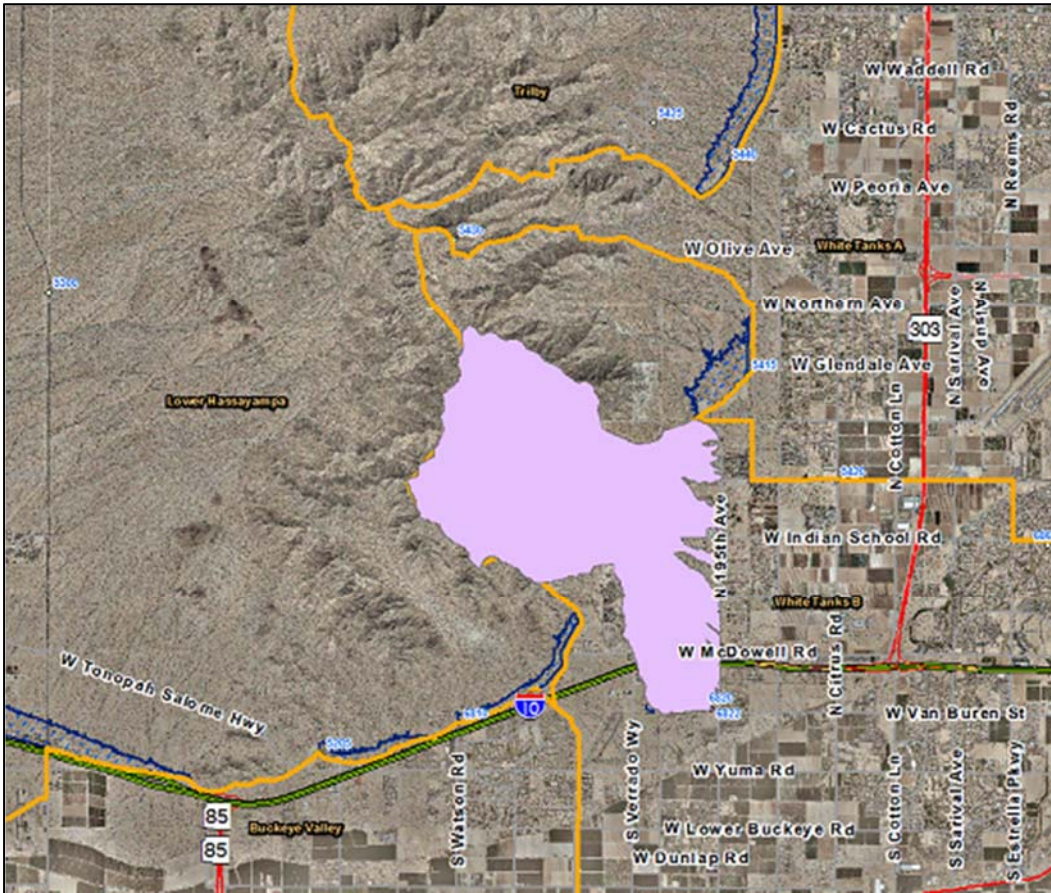


Site Data

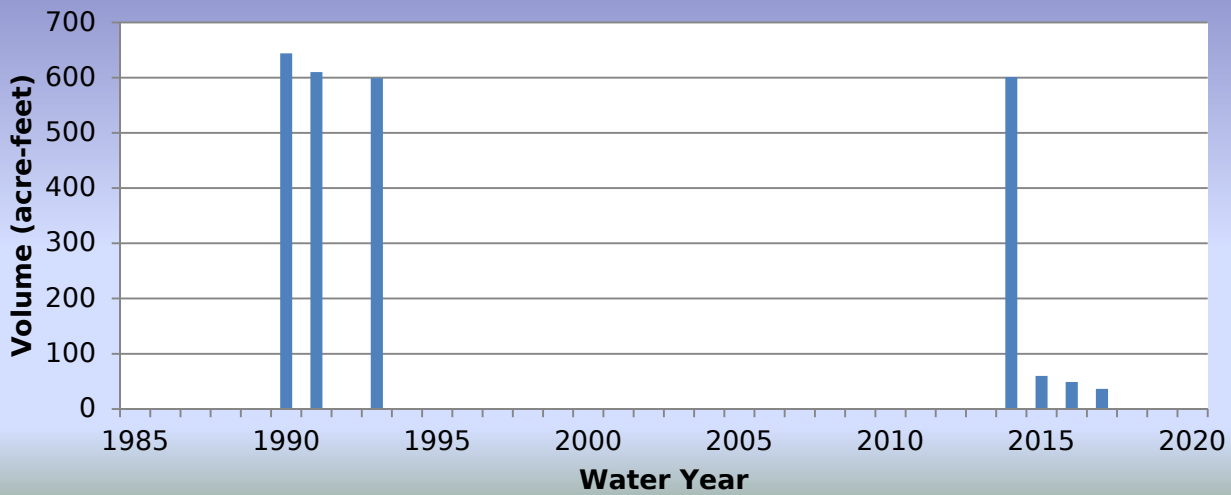
LOCATION	Located south of I-10 and west of Jackrabbit Trail
DRAINAGE AREA	18.6 mi ²
STREAM TYPE	Dam of natural drainage
JURISDICTION	Buckeye, Arizona
WATERSHED	White Tanks B
SECTION/TOWNSHIP/RANGE	S05 T1N R2W
LATITUDE	N 33° 27' 05.2" +33.45145
LONGITUDE	W 112° 29' 57.6" -112.48268
STREAMGAGE INSTALLATION DATE	01/09/1986 - WY 1986
AVAILABLE PERIOD OF RECORD (POR)	10/01/1987 - Current
LENGTH OF AVAILABLE POR DATA	30.00 Years 10,958 Days
DATA GAPS IN POR	06/01/2011 - 11/16/2011
STAFF GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,029.00 feet NAVD88
POINT OF ZERO FLOW	0.00 feet Gage Height (gated outlet)
SPILLWAY ELEVATION	1,053.00 feet NAVD88
TOP OF DAM ELEVATION	1,059.00 feet NAVD88

NOTE: Reconstruction at dam was completed in June 2017 and outlet and spillway elevations have been updated to reflect the newly rehabilitated structure.

Watershed Map



White Tanks FRS #4 - water year peaks



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
07/17/2017	3.69	12.4	0.9
07/24/2017	5.78	36.5	2.5
08/13/2017	4.29	18.2	1.3

Hydrograph of peak WY 2017 flow event, 07/24/2017



White Tanks FRS #4, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values														
	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		---	---	---	---	---	---	---	---	---		---			
TOTAL	0	0	0	---	---	---	0	---	0	0	0	0			
MEAN	0	0	0	---	---	---	0	---	0	0	0	0			
MAX	0	0	0	---	---	---	0	---	0	0	0	0			
MIN	0	0	0	---	---	---	0	---	0	0	0	0			
AC_FT	0	0	0	---	---	---	0	---	0	0	0	0			
WTR YR 2017	TOTAL		0	MEAN		0	MAX		0	MIN		0	AC_FT		0

White Tanks FRS #4, volume data

Volume, in acre-feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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				---	---	---	---	---	---		16	
14			---	---	---	---	---	---	---		11	
15			---	---	---	---	---	---	---		5	
16			---	---	---	---	---	---	---		2	
17			---	---	---	---	---	---	---	11		
18			---	---	---	---	---	---	---	5		
19			---	---	---	---	---	---	---	1		
20			---	---	---	---	---	---	---			
21			---	---	---	---	---	---	---			
22			---	---	---	---	---	---	---			
23			---	---	---	---	---	---	---			
24			---	---	---	---	---	---	---	21		
25			---	---	---	---	---	---	---	26		
26			---	---	---	---	---	---	---	16		
27			---	---	---	---	---	---	---	9		
28			---	---	---	---	---	---	---	3		
29			---	---	---	---	---	---	---			
30			---	---	---	---	---	---	---			
31		---	---	---	---	---	---	---	---			---
MEAN	0	0	0	---	---	---	0	---	0	3	1	0
MAX	1	0	0	---	---	---	0	---	0	36	19	0
MIN	0	0	0	---	---	---	0	---	0	0	0	0
WTR YR 2017	MEAN		0	MAX	36	MIN	0					

White Tanks FRS #4, stage data

Depth, in feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.0	0.0	0.0	---	---	---	---	---	---	0.4	1.1	0.4
2	0.0	0.0	0.0	---	---	---	---	---	---	0.4	1.0	0.4
3	0.0	0.0	0.0	---	---	---	---	---	---	0.4	1.0	0.4
4	0.0	0.0	0.0	---	---	---	---	---	---	0.4	0.9	0.4
5	0.0	0.0	0.0	---	---	---	---	---	---	0.4	0.9	0.4
6	0.0	0.0	0.0	---	---	---	---	---	---	0.4	0.8	0.4
7	0.0	0.0	0.0	---	---	---	---	---	---	0.4	0.8	0.4
8	0.0	0.0	0.0	---	---	---	---	---	---	0.4	0.7	0.4
9	0.0	0.0	0.0	---	---	---	---	---	---	0.4	0.7	0.4
10	0.0	0.0	0.0	---	---	---	---	---	---	0.4	0.7	0.4
11	0.0	0.0	0.0	---	---	---	---	---	---	0.4	0.7	0.4
12	0.0	0.0	0.0	---	---	---	---	---	---	0.4	0.7	0.4
13	0.0	0.0	0.0	---	---	---	---	---	---	0.4	4.0	0.4
14	0.0	0.0	---	---	---	---	---	---	---	0.4	3.5	0.4
15	0.0	0.0	---	---	---	---	---	---	---	0.4	2.7	0.4
16	0.0	0.0	---	---	---	---	---	---	---	0.4	2.1	0.4
17	0.0	0.0	---	---	---	---	---	---	---	3.5	1.5	0.4
18	0.0	0.0	---	---	---	---	---	---	---	2.7	1.3	0.4
19	0.0	0.0	---	---	---	---	---	---	---	1.8	0.9	0.4
20	0.0	0.0	---	---	---	---	---	---	---	1.2	0.4	0.4
21	0.0	0.0	---	---	---	---	---	---	---	1.1	0.4	0.4
22	0.0	0.0	---	---	---	---	---	---	---	1.0	0.4	0.4
23	0.0	0.0	---	---	---	---	---	---	---	0.9	0.4	0.4
24	0.0	0.0	---	---	---	---	---	---	---	3.8	0.4	0.4
25	0.0	0.0	---	---	---	---	---	---	---	5.0	0.4	0.4
26	0.0	0.0	---	---	---	---	---	---	---	4.1	0.4	0.4
27	0.0	0.0	---	---	---	---	---	---	---	3.2	0.4	0.4
28	0.0	0.0	---	---	---	---	---	---	0.4	2.4	0.4	0.4
29	0.0	0.0	---	---	---	---	---	---	0.4	1.7	0.4	0.4
30	0.0	0.0	---	---	---	---	---	---	0.4	1.3	0.4	0.4
31	0.0	---	---	---	---	---	---	---	---	1.1	0.4	---
MEAN	0.0	0.0	0.0	---	---	---	---	---	0.4	1.3	1.0	0.4
MAX	0.1	0.0	0.0	---	---	---	---	---	0.4	5.8	4.4	0.4
MIN	0.0	0.0	0.0	---	---	---	---	---	0.4	0.4	0.4	0.4
WTR YR 2017	MEAN	0.23	MAX	5.78	MIN	0.00						

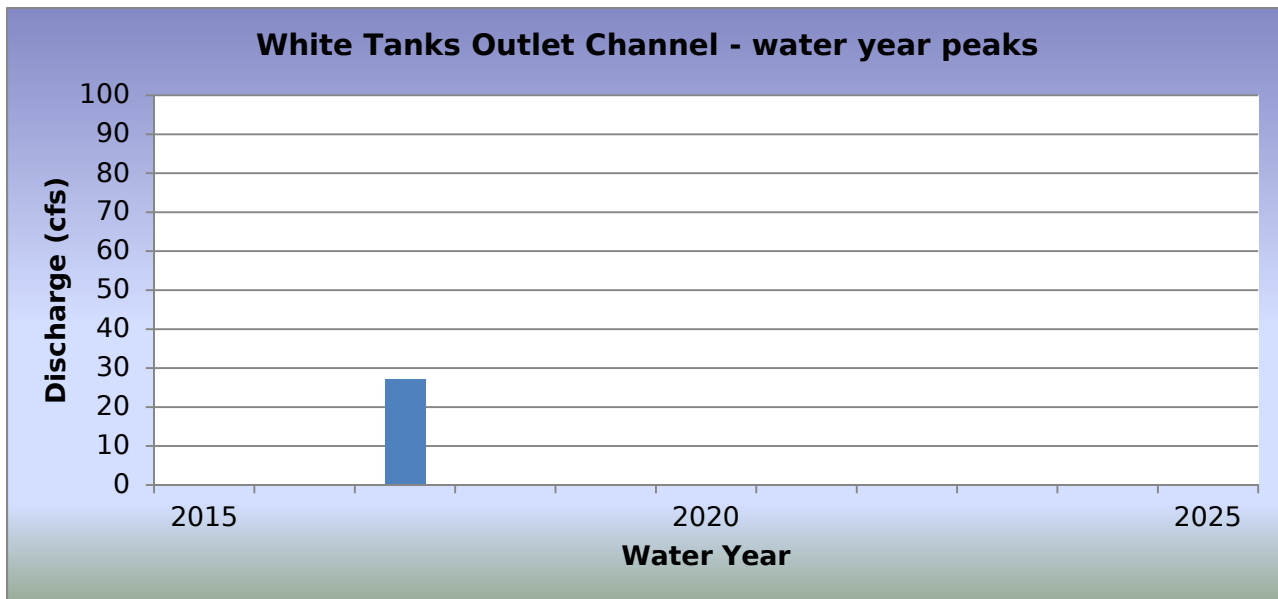
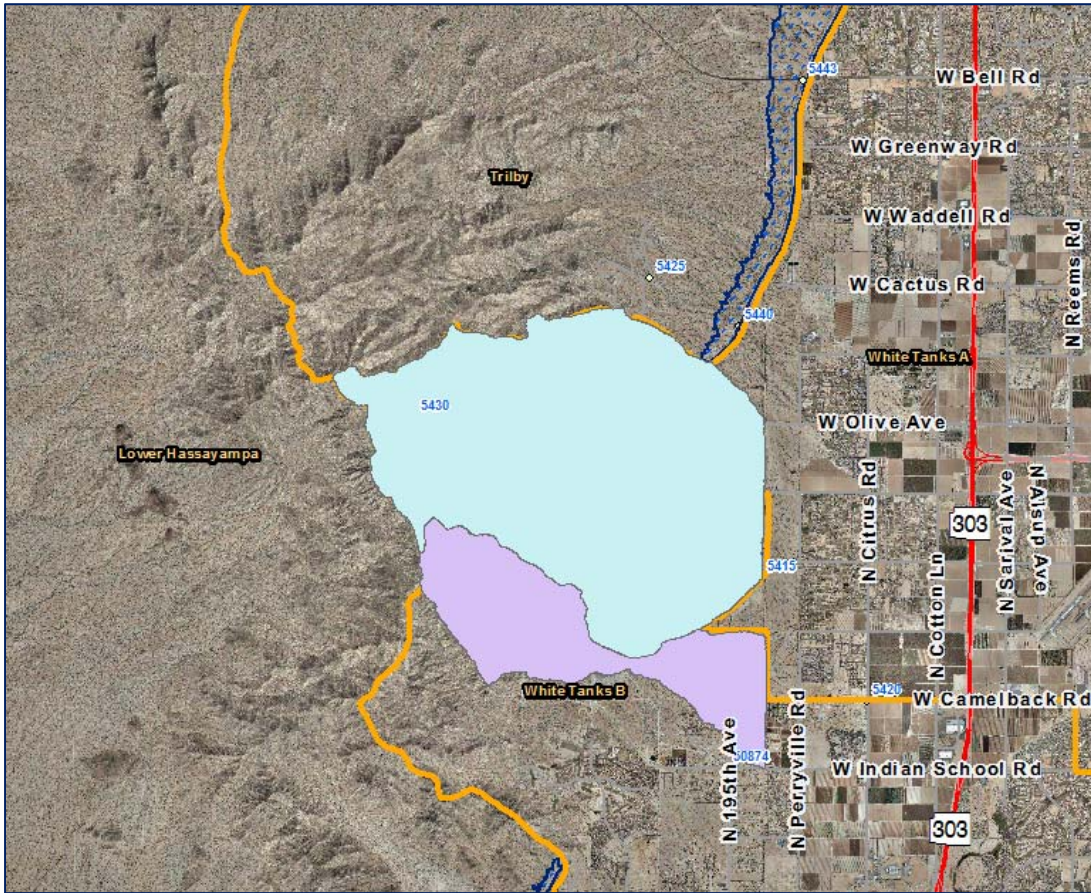
White Tank Outfall Channel, ID #87407



Site Data

LOCATION	At Jackrabbit Trail and Indian School Road
DRAINAGE AREA	26.8 mi ²
STREAM TYPE	Engineered Channel
JURISDICTION	Buckeye, Arizona
WATERSHED	White Tanks B
SECTION/TOWNSHIP/RANGE	S20 T2N R2W
LATITUDE	N 33° 29' 38.0" +33.49389
LONGITUDE	W 112° 28' 45.4" -112.47929
STREAMGAGE INSTALLATION DATE	12/07/2016 – WY2017
AVAILABLE PERIOD OF RECORD	12/07/2016 - Current
LENGTH OF AVAILABLE POR DATA	0.82 Years 298 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.96 feet Gage Height
STAFF GAGES	1
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	0.00 feet Gage Height
POINT OF ZERO FLOW	0.96 feet Gage Height
EXTREME FOR PERIOD OF RECORD	27 cfs 1.85 feet 08/13/2017

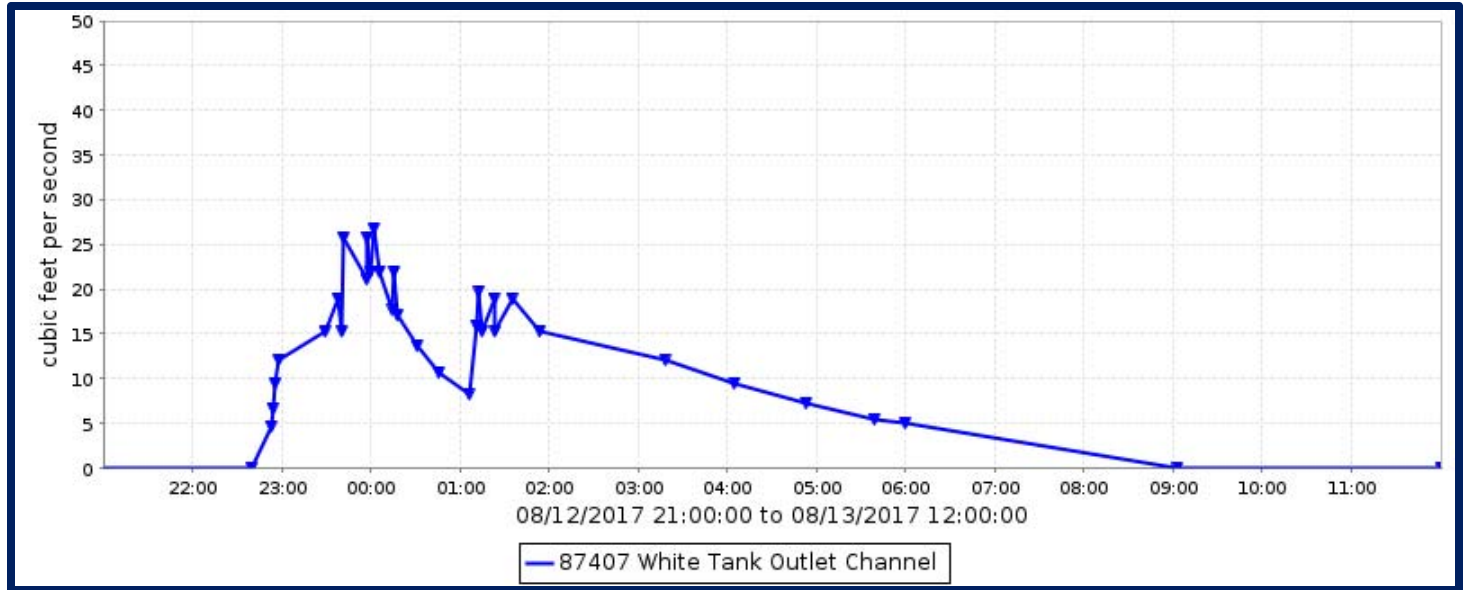
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
01/21/2017	1.80	24
07/17/2017	1.60	16
07/24/2017	1.50	13
08/13/2017	1.85	27

Hydrograph of peak WY 2017 flow event, 08/13/2017



Flood Flow Frequency

There is not enough data to compute a flood flow frequency for this gage station.

White Tank Outfall Channel, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	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	---	---						---			1	
13	---	---						---			4	
14	---	---						---				
15	---	---										
16	---	---						---				
17	---	---						---		2		
18	---	---						---				
19	---	---						---				
20	---	---		1				---				
21	---	---		4				---				
22	---	---						---				
23	---	---										
24	---	---	1							2		
25	---	---	2									
26	---	---										
27	---	---										
28	---	---										
29	---	---								1		
30	---	---										
31	---	---						---		---		---
TOTAL	---	---	3	5	0	0	0	0	0	5	5	0
MEAN	---	---	0	0	0	0	0	0	0	0	0	0
MAX	---	---	9	24	0	0	0	0	0	16	27	0
MIN	---	---	0	0	0	0	0	0	0	0	0	0
AC_FT	---	---	6	9	0	0	0	0	0	10	11	0
WTR YR 2017	TOTAL		18	MEAN	0	MAX	27	MIN	0	AC_FT		36

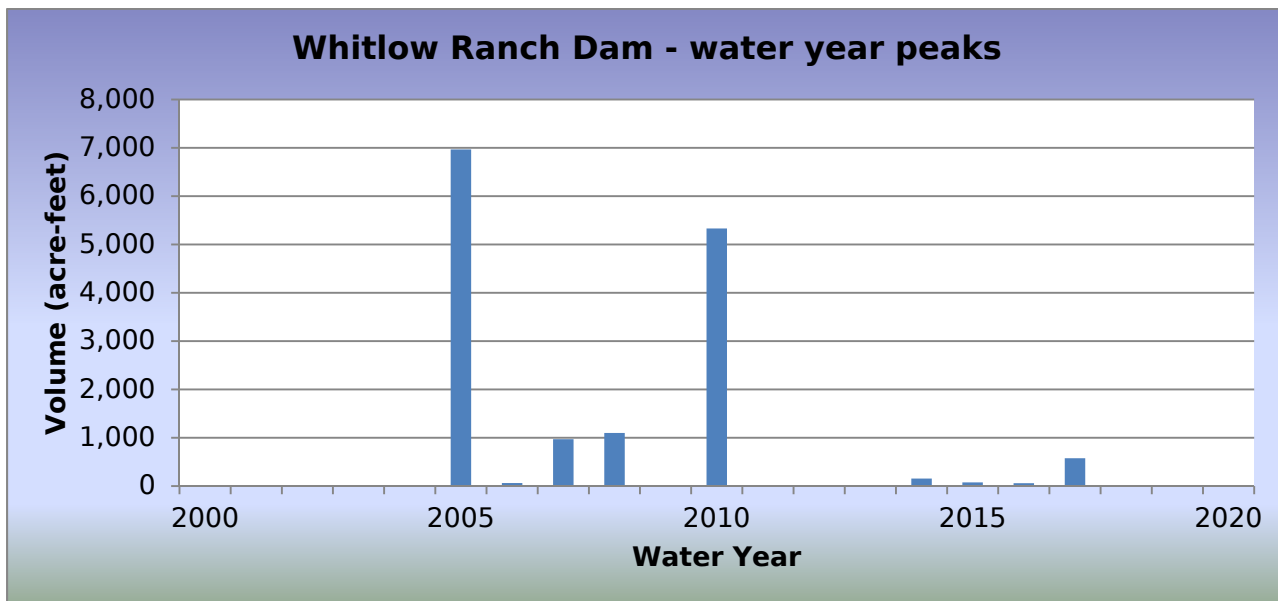
Whitlow Ranch Dam, ID #6739



Site Data

LOCATION	East of Apache Junction near Queen Valley
DRAINAGE AREA	143 mi ²
STREAM TYPE	Dam of natural drainage
JURISDICTION	Pinal County, Arizona
WATERSHED	Queen Creek
SECTION/TOWNSHIP/RANGE	S36 T1S R10E
LATITUDE	N 33° 17' 56.6" +33.29906
LONGITUDE	W 111° 16' 32.8" -111.27579
STREAMGAGE INSTALLATION DATE	08/02/2000 - WY 2000
AVAILABLE PERIOD OF RECORD (POR)	08/02/2000 - Current
LENGTH OF AVAILABLE POR DATA	17.16 Years 6,269 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	3.30 feet Gage Height
STAFF GAGES	28
ZERO GAGE HEIGHT ELEVATION	2,056.00 feet M.S.L.
POINT OF ZERO FLOW	0.00 feet Gage Height
SPILLWAY ELEVATION	110.0 feet Gage Height
TOP OF DAM ELEVATION	143.0 feet Gage Height

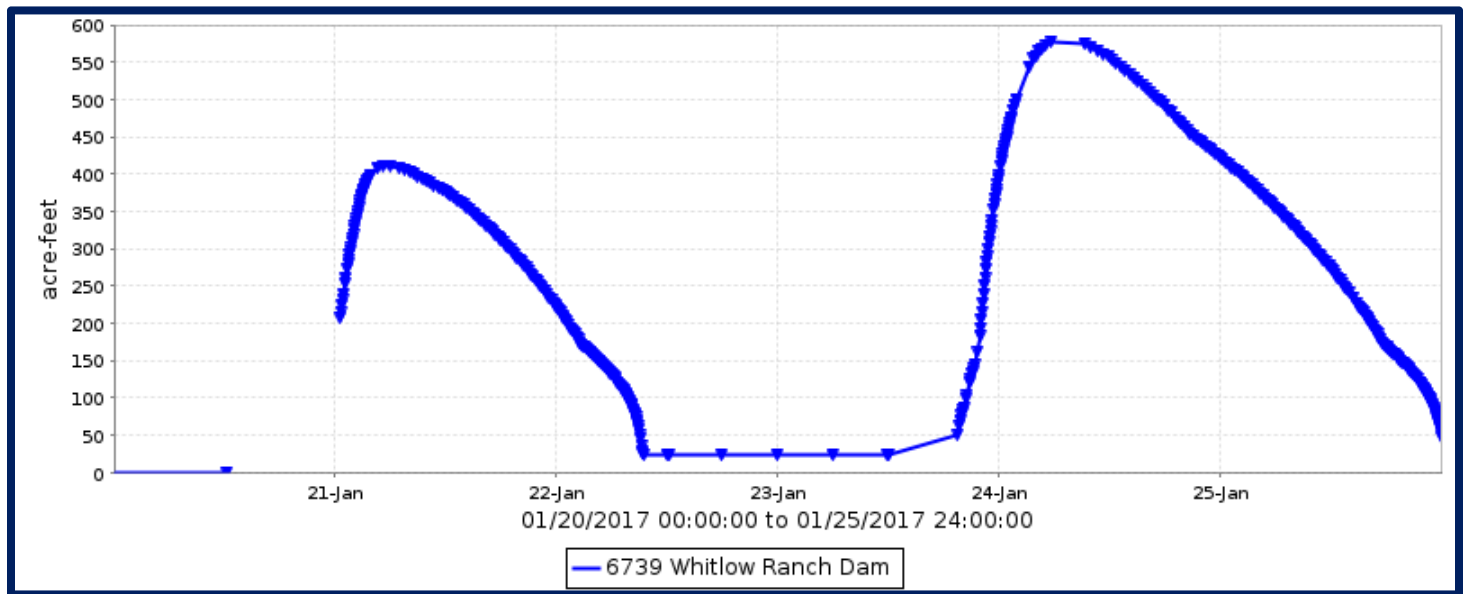
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
12/22/2016	16.59	103	1.1
01/24/2017	25.45	577	3.8
07/21/2017	18.26	151	1.6
07/24/2017	19.20	183	1.9

Hydrograph of peak WY 2017 impoundment event, 01/24/2017



Whitlow Ranch Dam, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				341								
2				---								
3				---								
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21				452						85		
22			156	348						115		
23			221	330						315		
24				479						361		
25				434						78		
26				6								
27												
28												
29							---					
30							---					
31		---	40				---		---			---
TOTAL	0	0	417	2039	0	0	0	0	0	955	0	0
MEAN	0	0	13	74	0	0	0	0	0	36	0	0
MAX	0	0	386	486	0	0	0	0	0	422	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	826	4045	0	0	0	0	0	1894	0	0
WTR YR 2017	TOTAL		3411	MEAN	12	MAX	486	MIN	0	AC_FT	6765	

Whitlow Ranch Dam, volume data

Volume, in acre-feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				28								
2				---								
3				---								
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21				339						27		
22			26	71						19		
23			16	54						24		
24				517						87		
25				266						6		
26				1								
27												
28												
29												
30												
31		---	3		---		---		---			---
MEAN	0	0	1	45	0	0	0	0	0	6	0	0
MAX	0	0	103	577	0	0	0	0	0	183	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
WTR YR 2017	MEAN		4	MAX	577	MIN	0					

Whitlow Ranch Dam, stage data

Depth, in feet, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13.0	13.0	13.0	13.9	13.0	13.0	13.0	13.0	13.0	---	13.0	13.0
2	13.0	13.0	13.0	---	13.0	13.0	13.0	13.0	13.0	---	13.0	13.0
3	13.0	13.0	13.0	---	13.0	13.0	13.0	13.0	13.0	---	13.0	13.0
4	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	---	13.0	13.0
5	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
6	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
7	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
8	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
9	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
10	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
11	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
12	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
13	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
14	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
15	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
16	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
17	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
18	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
19	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	0.0	13.0	13.0
20	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
21	13.0	13.0	13.0	22.0	13.0	13.0	13.0	13.0	13.0	13.9	13.0	13.0
22	13.0	13.0	13.8	15.0	13.0	13.0	13.0	13.0	13.0	13.5	13.0	13.0
23	13.0	13.0	13.0	14.1	13.0	13.0	13.0	13.0	13.0	13.1	13.0	13.0
24	13.0	13.0	13.0	24.7	13.0	13.0	13.0	13.0	13.0	15.7	13.0	13.0
25	13.0	13.0	13.0	20.5	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
26	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
27	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
28	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
29	13.0	13.0	13.0	13.0	---	13.0	13.0	13.0	13.0	13.0	13.0	13.0
30	13.0	13.0	13.0	13.0	---	13.0	13.0	13.0	13.0	13.0	13.0	13.0
31	13.0	---	13.1	13.0	---	13.0	---	13.0	---	13.0	13.0	---
MEAN	13.0	13.0	13.0	14.1	13.0	13.0	13.0	13.0	13.0	13.2	13.0	13.0
MAX	13.0	13.0	16.6	25.4	13.0	13.0	13.0	13.0	13.0	19.2	13.0	13.0
MIN	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
WTR YR 2017	MEAN	13.11	MAX	25.45	MIN	13.00						

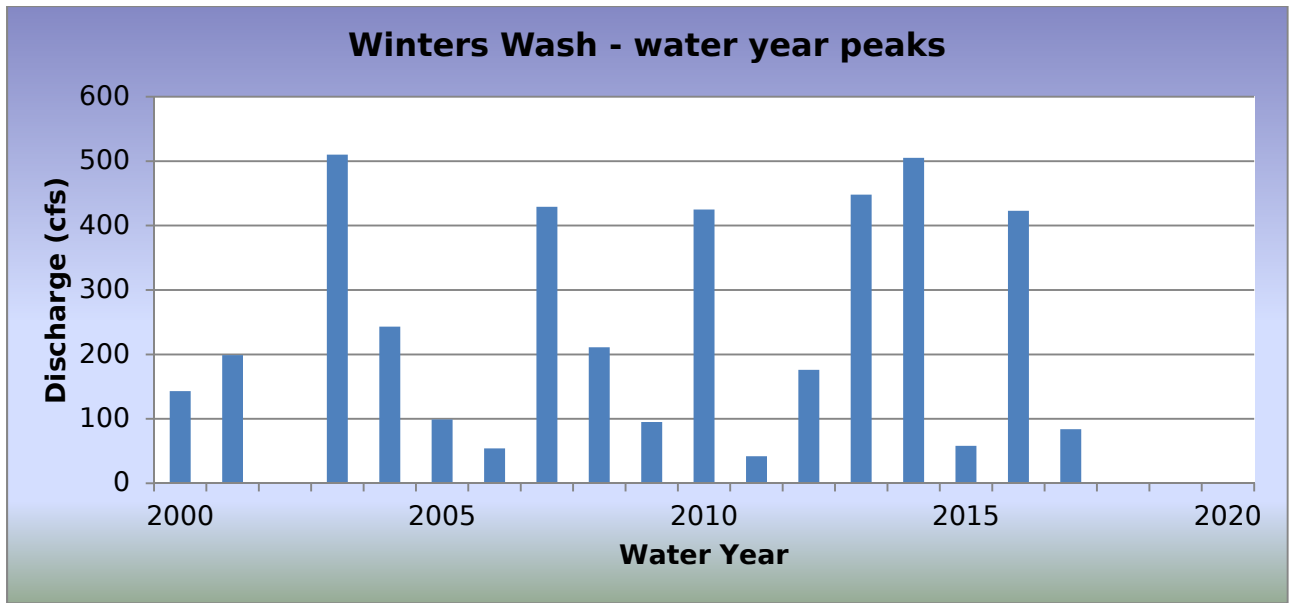
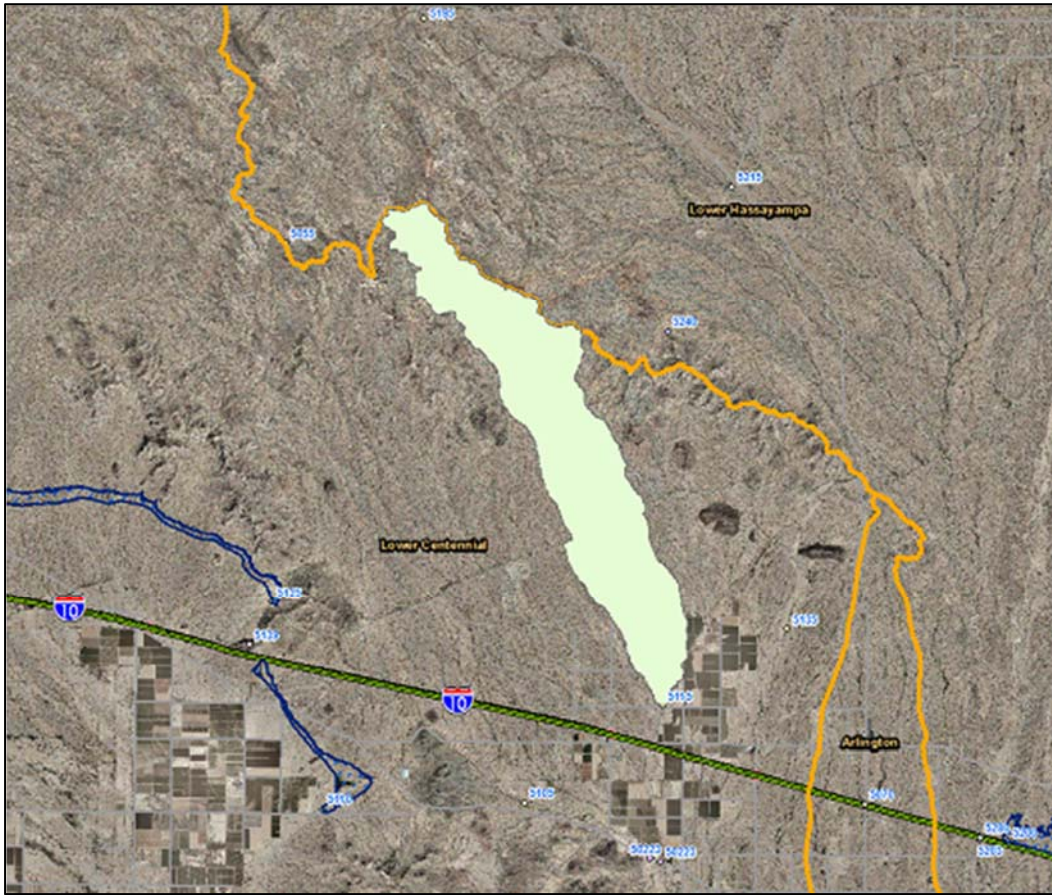
Winters Wash, ID #5118



Site Data

LOCATION	Located north of Camelback Road and west of 395th Avenue
DRAINAGE AREA	27.8 mi ²
STREAM TYPE	Natural Stream
JURISDICTION	Maricopa County, Arizona
WATERSHED	Lower Centennial
SECTION/TOWNSHIP/RANGE	S18 T2N R6W
LATITUDE	N 33° 30' 31.5" +33.50876
LONGITUDE	W 112° 54' 44.0" -112.91222
STREAMGAGE INSTALLATION DATE	07/11/2000 - WY 2000
AVAILABLE PERIOD OF RECORD (POR)	07/11/2000 - Current
LENGTH OF AVAILABLE POR DATA	17.22 Years 6,291 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.51 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	1,120.00 feet NAVD 1988
POINT OF ZERO FLOW	0.2 feet Gage Height
EXTREME FOR PERIOD OF RECORD	510 cfs 3.30 feet 07/29/2003

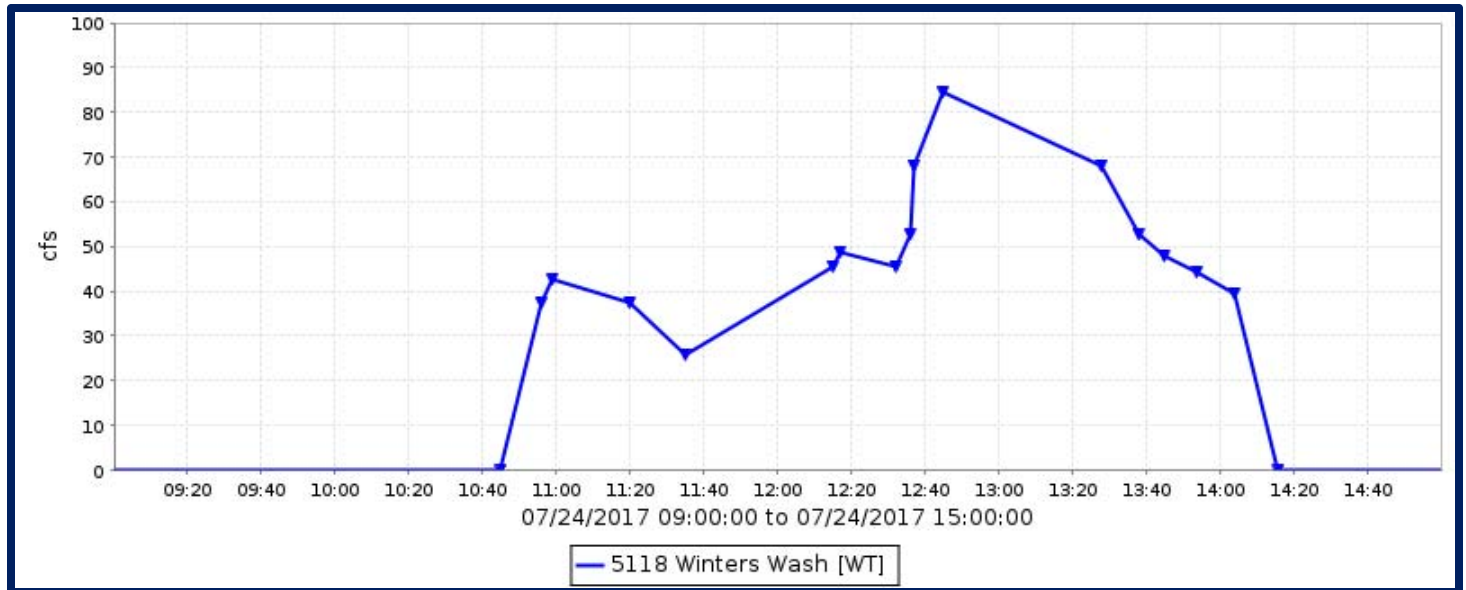
Watershed Map



WY2017 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
10/13/2016	0.65	37
07/10/2017	0.84	46
07/24/2017	1.24	84
08/03/2017	0.91	48

Hydrograph of peak WY 2017 flow event, 07/24/2017



Flood Flow Frequency

Flood Flow Frequency N=18, HEC-WRC computation (based on 18 years of data)					
2-year	5-year	10-year	20-year	50-year	100-year
175	357	510	679	929	1,140

NOTE: These results are based on very limited data.

Winters Wash, runoff data

Discharge, in cfs, Water Year October 2016 to September 2017

DAY	Daily Mean Values											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3											4	
4												
5												
6												
7												
8												
9												
10										3		
11												
12												
13	5											
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24										7		
25							11					
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	5	0	0	0	0	0	11	0	0	10	4	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	37	0	0	0	0	0	48	0	0	84	48	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	10	0	0	0	0	0	21	0	0	20	7	0
WTR YR 2017	TOTAL	30	MEAN	0	MAX	84	MIN	0	AC_FT	59		

End of Report