HYDROLOGIC DATA REPORT
VOLUME II - SURFACE WATER AND STREAMFLOW DATA
WATER YEAR 2018



Vekol Wash at I-8, near Stanfield, Arizona
(photo date: July 10, 2018)

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 25th annual water data report published by the District. Annual reports are available for Water Years 1994 – 2018.

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.

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TABLE OF CONTENTS

Preface ii

Introduction iv

Data Collection v

Definition of Terms ..... ix – xii

Station Location Map xiii

New Installations in Water Year 2018 xiv

Station Table ..... xv – xix

Summary of Significant Streamflow xx

Station Data Pages ..... 1 - 949

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. As of Water-year 2018, 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 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	201
Total Sensors deployed	216
Sensors on Streams	137
Sensors on Impoundments	69
Stage only sites	4
Sites with multiple water-level sensors	3
Status Sensors	6

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 25th 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 coorperative 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 2018

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, WY2018

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

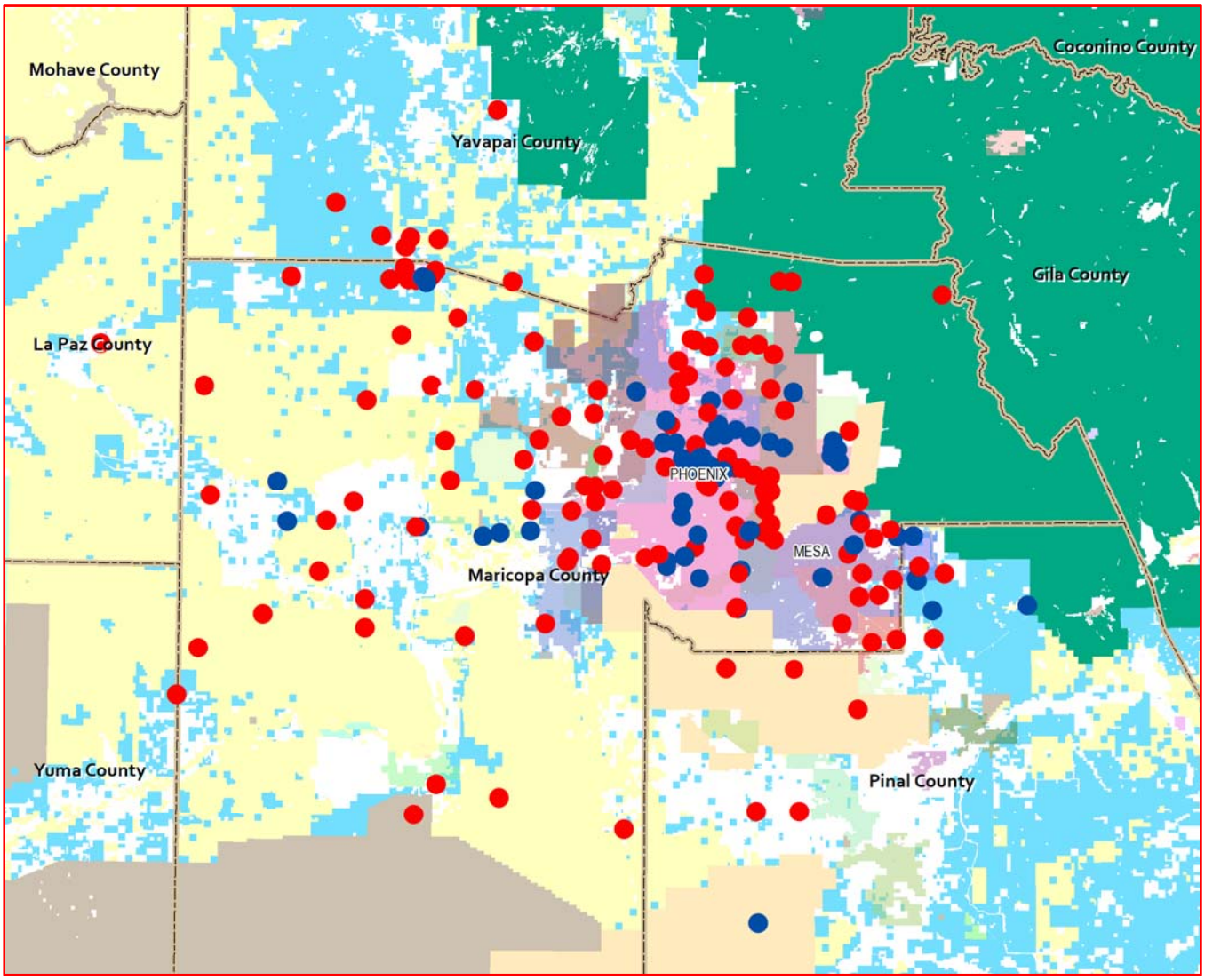
Term	Definition
Acre-foot (ac-ft or af)	The quantity of water required to cover 1 acre to a depth of 1 foot and is equivalent to 43,560 cubic feet or about 326,000 gallons or 1,233 cubic meters.
Basin	A typically man-made structure that is partially or entirely below the normal grade of land where it 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 volumne 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	Data gaps referred to here are typically due to construction activites that cause the gage and station to be removed and out of service for a period of time. 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.
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 2018



	Streamflow Station
	Impoundment / Storage Station

New Installations in Water Year 2018

There was 1 new streamgage station established during Water Year 2018.

Table 5: New Installations

Station	ID	Date Installed	Requesting Agency
Bullard Wash at Van Buren Street	89207	12/13/2017	Goodyear

Station Changes in Water Year 2018

- The Bullard Wash near Gila River stream gage (#6863) was permanently removed from service on December 13, 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 36h Street	4808	1
ACDC at 14th Street	4813	5
ACDC at 43rd Avenue	4823	9
ACDC at 67th 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 43rd 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 at Van Buren Street	89207	95
Bullard Wash (near Gila River)	6863	99
Camelback Road at 24th Avenue Basin	6807	103
CAP Reach #11 Dike #1	8407	109
CAP Reach #11 Dike #2	58607	115
CAP Reach #11 Dike #3	60107	121
CAP Reach #11 Dike #4	59807	127
Casandro Wash	7093	133
Casandro Dam	7133	137
Cave Buttes Dam Pool	4904	143
Cave Buttes Dam Outlet	4903	148
Cave Creek at Ashdale Ranger Station	4947	152
Cave Creek at Spur Cross	4923	156
Cave Creek (in town of Cave Creek)	4893	160
Cave Creek near Cave Creek	4918	164
Cave Creek at CAP	4907	168
Cave Creek at Cactus Road	4833	172
Centennial Wash near Aguila	5178	176
Centennial Wash at Wenden	5093	180
Centennial Levee	5123	184
Centennial Wash at UPRR	5103	188
Centennial Tributary at Dobbins Road	5049	192
Cline Creek	5583	196

NAME	ID	Page
Colter Channel at El Mirage Road	5408	200
Columbus Wash	5013	204
Copper Wash	5033	208
Crossroads Park	6623	212
Cruff Wash	5078	217
Daggs Wash	5498	221
Delaney Wash	5108	225
Desert Hills Wash	4898	229
Dreamy Draw Dam	4803	233
Dysart Drain at LAFB	5413	239
Dysart Drain at El Mirage Road	5423	243
East Fork Cave Creek Basin #1	4648	247
East Fork Cave Creek Basin #3A	8807	253
East Fork Cave Creek Basin #3B	4683	259
East Fork Cave Creek Basin #4	4658	265
East Fork Cave Creek near 7th Avenue	4668	271
El Mirage Road Drain	5483	275
East Maricopa Floodway (EMF) at Broadway Road	6573	279
EMF below Powerline Floodway	6758	283
EMF at Queen Creek Road	6583	287
EMF at Arizona Avenue	6598	291
Estrella Fan	6893	295
Flying E Wash	7083	299
Ford Canyon Wash	5428	303
Fourth of July Wash	5043	307
Freestone Basin	6608	311
Galloway Wash at Galloway Road	20607	316
Gila River at Olberg Road	0783	320
Gila River at Maricopa Road	0778	324
Gila River at 116th Avenue Bridge (Avondale Blvd.)	6848	328
Gila River at Estrella Parkway	6853	332
Golden Eagle Park Dam	5978	336
Grand Avenue at 27th Avenue Basin	3807	342
Granite Reef Diversion	4568	348
Granite Reef Wash	4728	352
Greene Wash at SR84	0793	356
Guadalupe Channel	6603	360
Guadalupe FRS	6503	364
Harquahala FRS	5128	370
Hartman Wash	7063	376
Hassayampa River at Wagoner Bridge	5352	380
Hassayampa River at Box Canyon	5308	384
Hassayampa River at US60	5228	388
Hassayampa River near Morristown	5223	392

NAME	ID	Page
Hassayamap River at I-10	5283	396
Hesperus Dam	5993	400
Indian Bend Wash (IBW) at Sweetwater Avenue	4643	406
IBW at Shea Boulevard	4693	410
IBW near Indian Bend Road	4613	414
IBW at McDonald Drive	4628	418
IBW at Indian School Road	4618	422
IBW near McKellips Road	4603	426
IBW Interceptor Channel	4623	430
Jackrabbit Wash	5218	434
Lake Margherite	4678	438
Laveen Basin	4578	442
Magma FRS	6718	448
Martinez Creek	7013	454
McDowell Mountain Road	5923	458
McMicken Dam at Bell Road	5443	462
McMicken Dam	5448	466
McMicken Floodway	5438	472
Mineral Canyon Basin	68807	476
New River Fire	5638	482
New River Dam Pool	5614	486
New River Dam Outlet	5613	491
New River at Bell Road	5598	495
New River at Glendale Avenue	5508	499
North Heights Dam	5983	504
Old Crosscut Canal	4748	510
Paradise Lane at 33rd Drive Basin	12407	514
Paradise Lane at 47th Avenue Basin	13707	520
Pecos Sediment Basin	6537	526
Pecol Basin Pool	6538	532
Pecos North Inlet	6532	538
Pecos East Inlet	6533	543
Pecos West Inlet	6534	546
Phoenix Dam #2A	4789	550
Phoenix Dam #2B	4778	556
Phoenix Dam #3	4828	562
Phoenix Dam #4	4838	568
Phoenix Dam #7	4853	574
Phoenix Dam #99	4843	580
Phoenix East Park Dam	4848	586
Phoenix West Park Dam	4858	592
Phoenix Zoo Dam #3	4307	598
Phoenix Zoo Dam #5	4407	604
Picacho Wash	5678	610

NAME	ID	Page
Pima Canyon Wash	6523	614
Powder House Wash	7113	618
Powerline Floodway	6708	622
Powerline FRS	6683	626
Price Drain at Loop 202	4573	632
Prickly Pear Wash	8107	636
Queen Creek at CAP	6723	640
Queen Creek at Rittenhouse Road	6707	644
Rainbow Wash	6953	648
Rawhide Wash	4863	652
Reata Pass Dam	4938	656
Reata Pass Wash	4588	662
Rittenhouse FRS	6703	666
Roeser Road at 23rd Avenue Basin	66807	672
Saddleback FRS	5113	678
Salt River below Granite Reef Diversion	4583	684
Salt River at Val Vista Drive	4548	688
Salt River at Priest Drive	4523	692
Salt River at 7th Avenue	4763	696
Salt River at 51st Avenue	4753	700
Salt River at 67th Avenue	4758	704
Sand Tank Wash at I-8	6933	708
Santa Cruz River at SR84	0788	712
Sauceda Wash	6923	716
Scatter Wash	5543	720
Seven Springs Wash	4963	724
Signal Butte FRS	6628	728
Siphon Draw Wash at Signal Butte Road	37607	734
Skunk Creek near New River	5588	738
Skunk Creek at Desert Hills Drive	64807	742
Skunk Creek at Carefree Highway	65707	746
Skunk Creek at Dixileta Drive	64907	750
Skunk Creek at I-17	5568	754
Skunk Tank Wash	4888	758
Sols Wash at SR71	5276	762
Sols Wash Tributary at US93	7028	766
Sols Wash near Matthie	7043	770
Sonoqui Wash near Hawes Road	36307	774
Sonoran Wash	65907	778
South Mountain Fan	6563	782
Spookhill FRS	4563	786
Spookhill FRS at McDowell Road	6637	792
Spookhill FRS at McKellips Road	6638	798
Spookhill FRS at Brown Road	6693	804

NAME	ID	Page
Stagecoach Wash	4913	810
Stoneridge Dam	5968	814
Sun Valley Parkway at Northern Avenue Wash	5303	820
Sunnycove FRS	5248	824
Sunridge Canyon Dam	5973	830
Sunset FRS	5233	836
Sycamore Creek Fire PT	5873	842
Tat Momolikot Dam	0773	846
Tatum Wash Basin Inlet	4638	852
Tatum Wash Basin	4653	856
Tenth Street Wash Basin #1	4818	862
Tiger Wash	5163	868
Twin Buttes Wash	73207	872
University Drive at 62nd Street (Mesa) Basin	34607	876
Upper Trilby Wash	5488	882
UPRR Underpass at First Avenue	3107	886
UPRR Underpass at Central Avenue	3207	890
US60 at Gold Canyon Wash	36907	894
Vekol Wash	6983	898
Vineyard FRS	6688	902
Vulture Mine Road	5263	908
Wagner Wash at Sun Valley Parkway	44707	912
Waterman Wash at Rainbow Valley Road	6833	916
Weekes Wash at Baseline Road	6753	920
White Tanks FRS #3	5418	924
White Tanks FRS #4	6823	930
White Tank Outflow Channel	87407	936
Whitlow Ranch Dam	6739	940
Winters Wash	5118	946

SUMMARY OF SIGNIFICANT STREAMFLOW EVENTS

Rainfall and runoff in Maricopa County occur primarily in the summer and winter. However, significant rainfall has occured during the 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 from the northwest along the west coast. 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 an altering of the zonal westerly flow pattern to a more south and easterly air flow pattern.

Water Year 2018 (10/1/17 – 9/30/18) began quite dry, with little rainfall / runoff. A few stations received runoff in January, but little else occurred until mid-June.

The official start of the monsoon is June 15, and with the aide of tropical system in the Pacific Ocean, several gage sites received runoff on June 16. In the history of stream gaging of FCDMC (30 years) there has never been runoff on June 16. Following this brief period of rainfall, typical quiet late-June, early July weather prevailed until July 9, when a fairly active pattern set up over the northern portion of Phoenix and Maricopa County. The active pattern lasted through July 11-12. This was followed by a dry spell and a third round of storms transpired in late-July, with limited areas being affected. The wettest period of the summer monsoon season set up from about August 8-12, with a number of stations having daily runoff peaks during that period. A less active pattern occurred until August 23-24 which provided a final major event for the summer. Additionally, several staions in the southern part of the county had rain and runoff on September 19, which brought the water year runoff to a conclusion.

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

Maximum Flows for Water Year 2018 at Selected FCDMC Water Level Sensor Locations

Red values are peaks of record

Location	Discharge (cfs)	Stage (feet)	Date
Amigos Wash (6648)	669	2.05	08/10/2018
Antelope Creek (7168)	1,389	3.48	08/22/2018
Box Wash (5273)	2,220	3.52	07/30/2018
Box Wash (5273)	1,008	2.30	07/28/2018
Cave Creek (4893)	1,782	5.82	08/23/2018
Cave Creek near Cave Creek (4918)	1,554	3.22	08/23/2018
East Fork Cave Creek near 7th Avenue (4668)	1,685	4.00	08/23/2018
East Maricopa Floodway (EMF) at Broadway Rd (6573)	1,650	3.10	08/10/2018
EMF below Powerline Floodway (6758)	3,372	6.27	08/10/2018
EMF at Queen Creek Road (6583)	1,962	3.73	08/10/2018
Galloway Wash at Galloway Road (20607)	1,518	2.52	08/23/2018
Guadalupe Channel (6603)	809	2.60	08/10/2018
Hassayampa River at US60 (5228)	3,986	2.54	08/22/2018
Hassayampa River at US60 (5228)	2,460	2.12	08/17/2018
Hassayampa River at US60 (5228)	2,318	2.07	08/25/2018
Indian Bend Wash (IBW) at Shea Blvd (4693)	1,134	2.41	08/23/2018
IBW near Indian Bend Road (4613)	1,500	4.41	08/11/2018
IBW at McDonald Drive (4628)	3,110	3.70	08/11/2018
IBW at Indian School Road (4618)	3,675	5.33	08/11/2018
IBW near McKellips Road (4603)	4,054	5.66	08/11/2018
IBW Interceptor Channel (4623)	1,542	5.78	08/11/2018
Jackrabbit Wash (5218)	1,162	3.46	07/12/2018
Martinez Creek (7013)	1,749	5.05	08/22/2018
Picacho Wash (5678)	2,012	4.07	07/11/2018
Salt River below Granite Reef (4583)	2,467	8.40	08/14/2018
Sand Tank Wash at I-8 (6933)	970	3.47	09/19/2018
Sauceda Wash (6923)	1,952	4.82	09/19/2018
Tatum Basin Inflow (4638)	841	2.34	08/10/2018
Tiger Wash (5163)	1,622	7.22	07/11/2018
Tiger Wash (5163)	1,333	6.93	07/28/2018

Continued Next Page

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

Maximum Flows for Water Year 2018 at Selected FCDMC Water Level Sensor Locations, continuted

Red values are peaks of record

Location	Discharge (cfs)	Stage (feet)	Date
Twin Buttes Wash (73207)	714	3.93	08/12/2018
Vekol Wash (6983)	2,120	7.30	07/09/2018
Wagner Wash at Sun Valley Pkwy (44707)	1,358	2.97	08/16/2018

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

Maximum Impoundments for Water Year 2018 at Selected FCDMC Water Level Sensor Locations

Red values are peaks of record

Location	Discharge (cfs)	Stage (feet)	Contents (ac-ft)	Contents (%full)	Date
Apache Junction FRS (6673)	32	5.60	27.6	4.1	08/24/2018
Aspen Dam (5988)	102	5.40	7.1	3.9	08/08/2018
Dreamy Draw Dam (4803)	129	10.67	6.3	2.0	08/10/2018
Golden Eagle Park Dam (5978)	889	11.32	7.5	7.5	08/10/2018
Hesperus Dam (5993)	181	9.25	6.0	2.2	08/08/2018
North Heights Dam (5983)	164	9.49	4.1	3.0	08/08/2018
Phoenix Dam 2A (4789)	27	9.59	15.5	25.8	08/23/2018
Phoenix Dam 2B (4778)	24	7.25	11.4	23.8	08/23/2018
Phoenix Dam 4 (4838)	28	10.24	13.0	30.2	08/23/2018
Powerline FRS (6683)	67	4.84	440.2	9.0	08/24/2018
Signal Butte FRS (6628)	0	7.27	72.0	4.4	08/25/2018
Spookhill FRS (4563)	32	7.26	220.7	8.0	08/10/2018
Stoneridge Dam (5968)	51	6.19	1.5	2.3	08/10/2018
Sunridge Canyon Dam (5973)	85	4.69	0.1	0.1	08/08/2018
Tat Momolikot Dam (773)	0	15.77	6,924	3.5	09/21/2018
Tenth Street Wash Basin 1 (4818)	40	4.46	5.3	24.5	08/23/2018
Vineyard FRS (6688)	46	2.97	558.5	11.8	08/23/2018
Whitlow Ranch Dam (6739)	423	19.29	188.0	0.5	08/22/2018

*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 is 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.

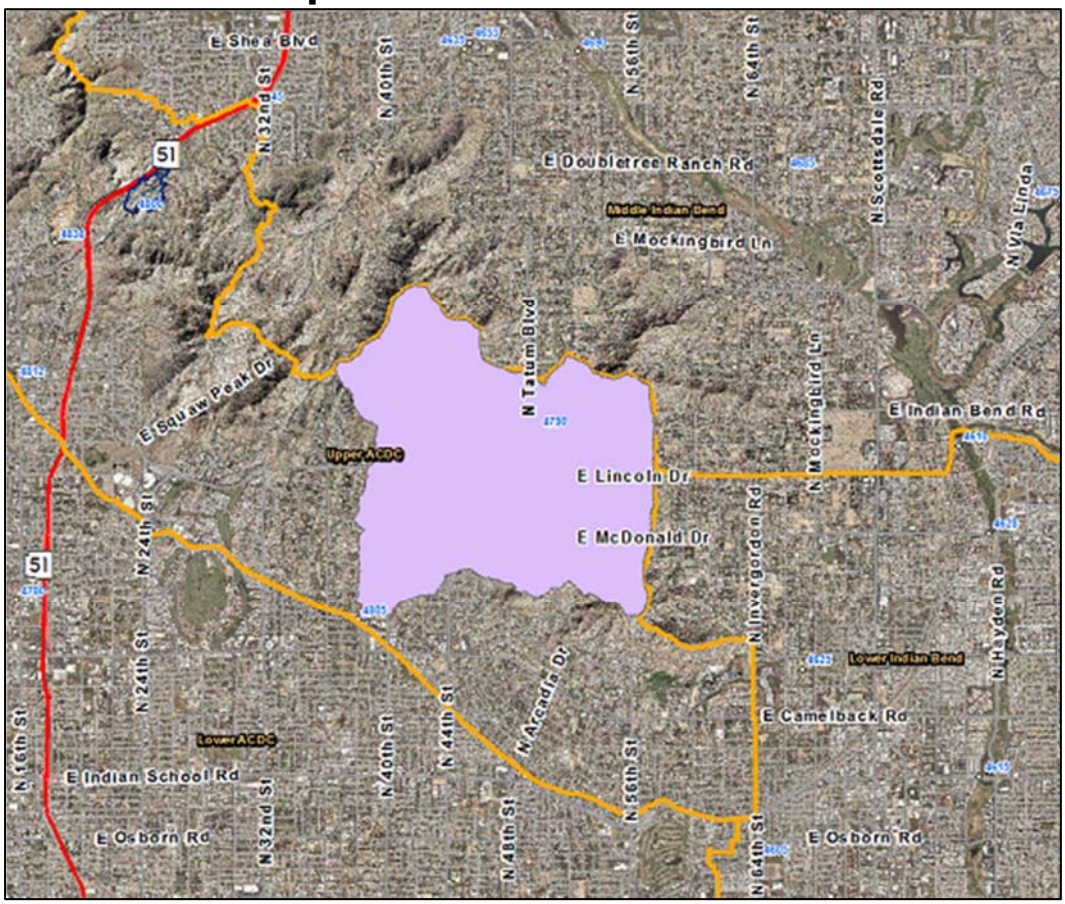
Arizona Canal Diversion Channel at 36th Street, ID #4808

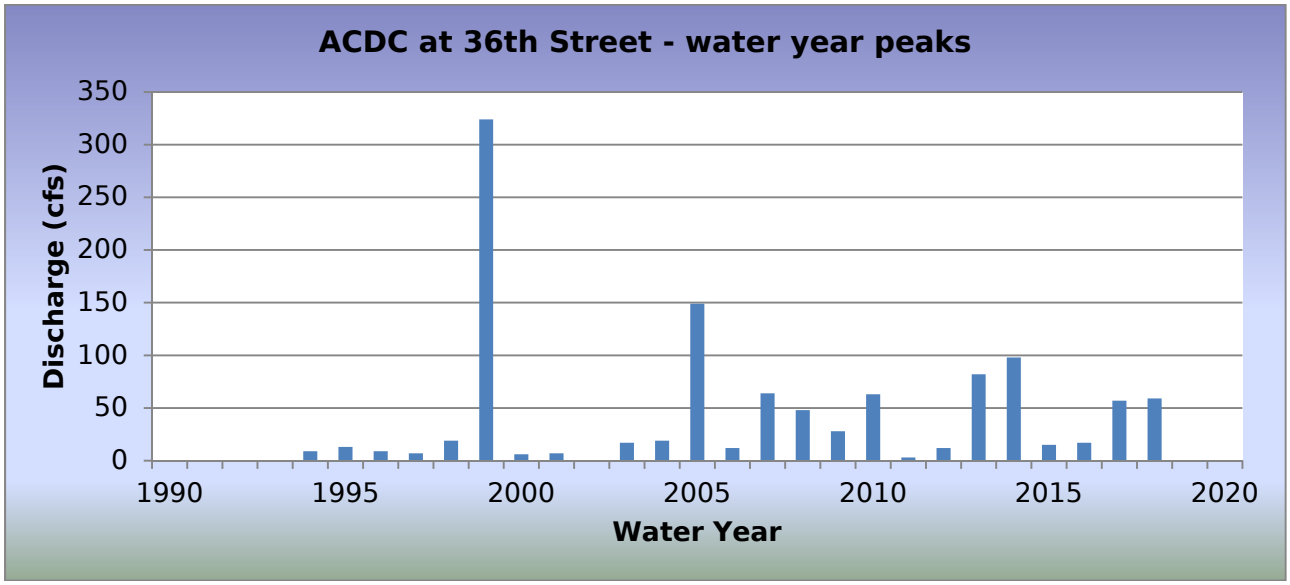


Site Data

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	24.60 Years | 8,985 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.12 feet Gage Height
ZERO GAGE HEIGHT ELEVATION	1,237.92 feet NAVD88
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	324 cfs | 7.67 feet | 07/14/1999

Watershed Map

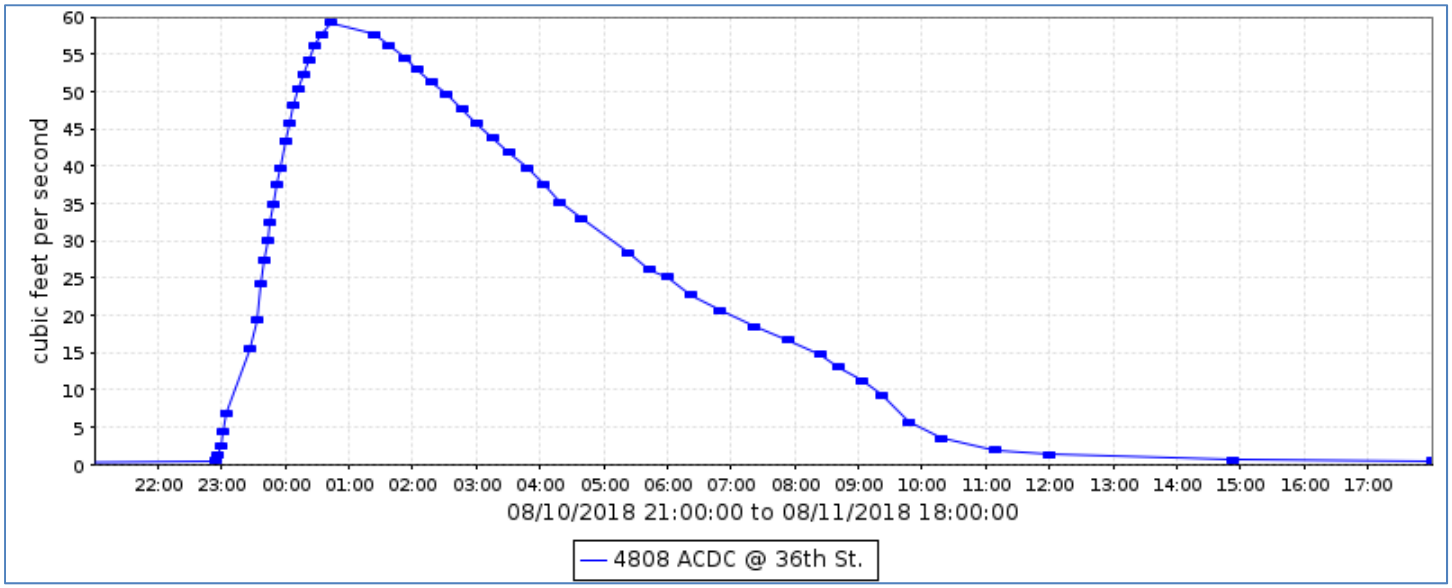




WY2018 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
02/14/2018	0.52	3
08/11/2018	4.50	59

Hydrograph of peak WY 2018 flow event, 08/11/2018



Flood Flow Frequency

Flood Flow Frequency N=25, HEC-WRC computation (based on 25 years of data)					
2-year	**5-year**	**10-year**	**20-year**	**50-year**	**100-year**
22	**60**	**104**	**165**	**279**	**400**

ACDC at 36th Street, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8											1	
9												
10											1	
11											15	
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	17	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	59	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	33	0

WTR YR 2018 TOTAL 17 MEAN 0 MAX 59 MIN 0 AC_FT 34

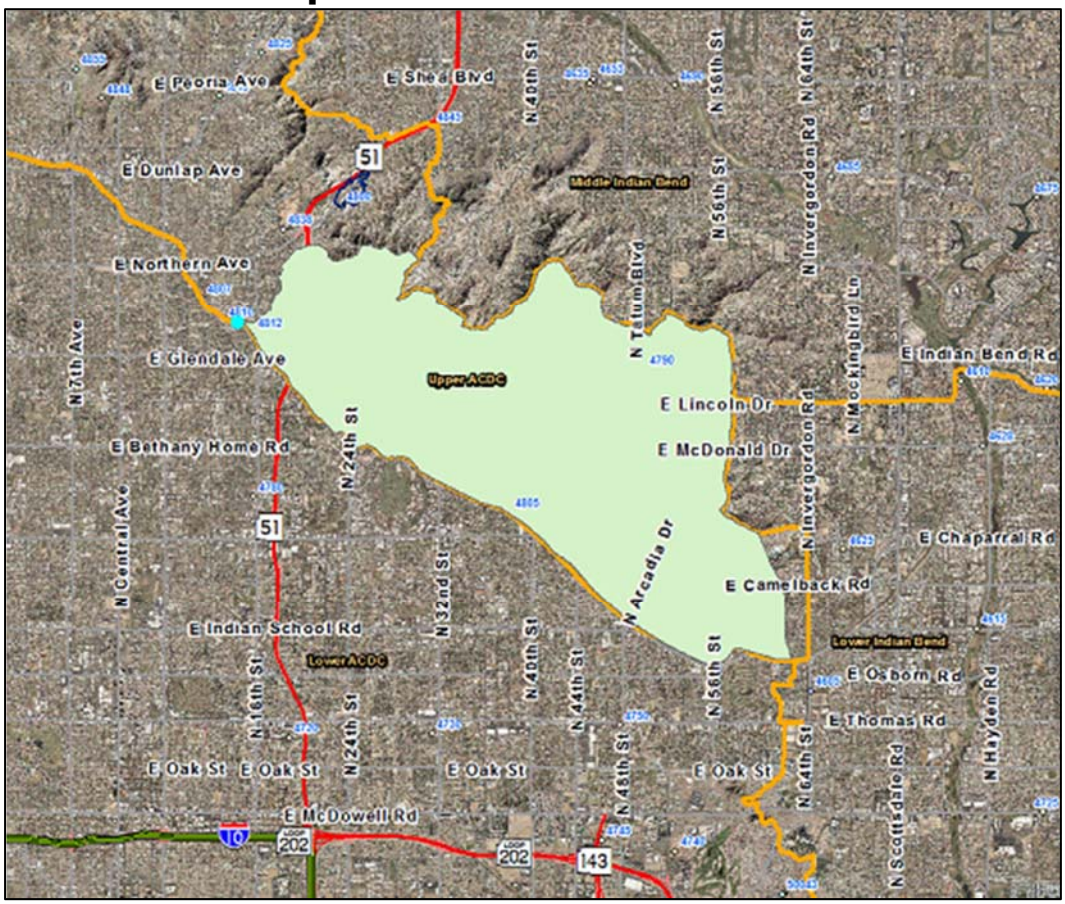
Arizona Canal Diversion Channel at 14th Street – ID #4813

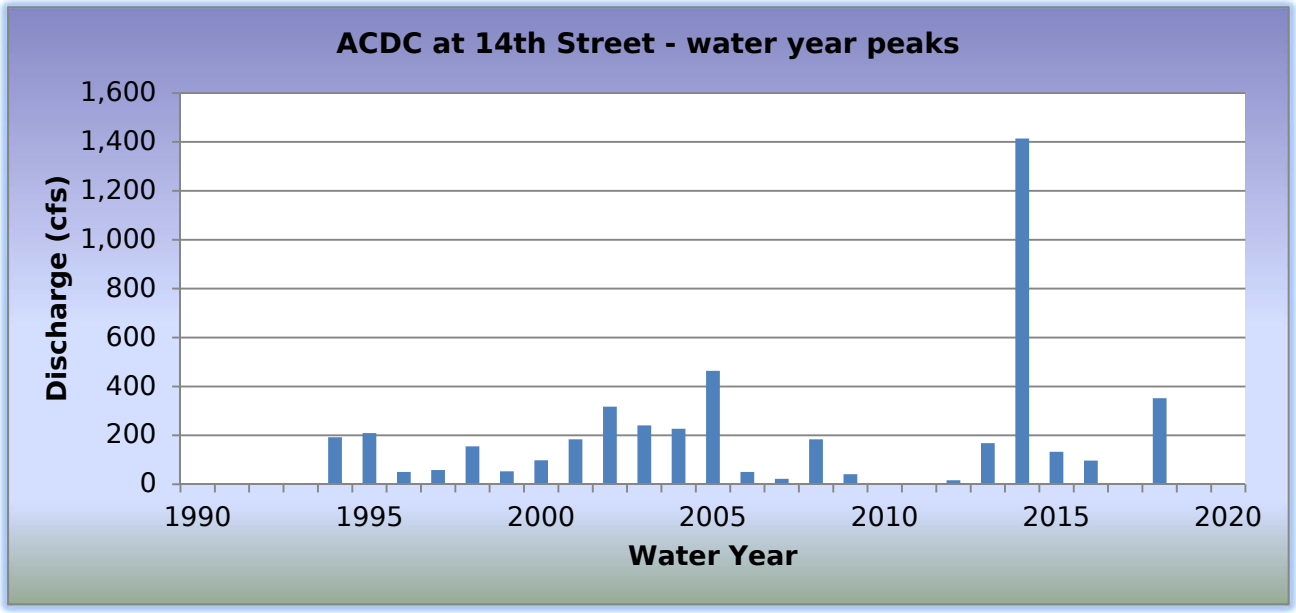


Site Data

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	24.64 Years | 9,000 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

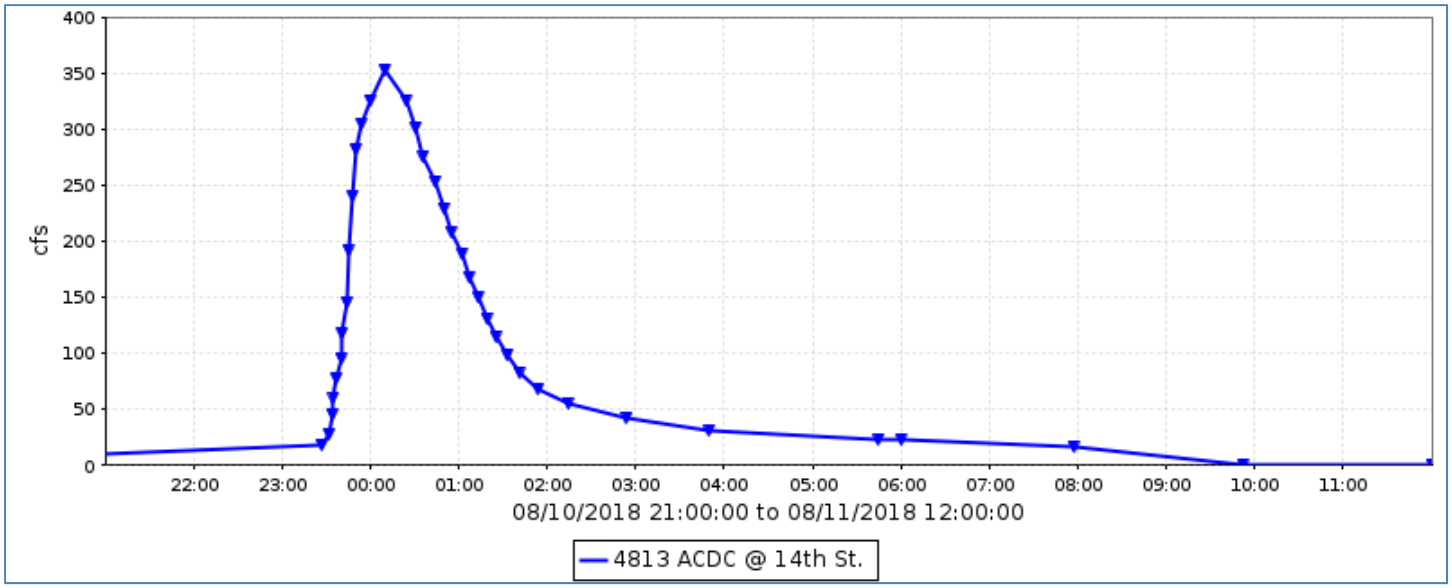




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
07/09/2018	0.90	45
08/08/2018	0.75	31
08/11/2018	2.87	352
08/23/2018	1.25	82

Hydrograph of peak WY 2018 flow event



Flood Flow Frequency

Flood Flow Frequency N=25, HEC-WRC computation (based on 25 years of data)					
2-year	**5-year**	**10-year**	**20-year**	**50-year**	**100-year**
95	**316**	**548**	**834**	**1,290**	**1,680**

ACDC at 14th Street, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8											2	
9										3		
10											4	
11											27	
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23											7	
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	0	0	0	0	0	0	3	39	0
MEAN	0	0	0	0	0	0	0	0	0	0	1	0
MAX	0	0	0	0	0	0	0	0	0	45	352	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	6	77	0

WTR YR 2018 TOTAL 42 MEAN 0 MAX 352 MIN 0 AC_FT 83

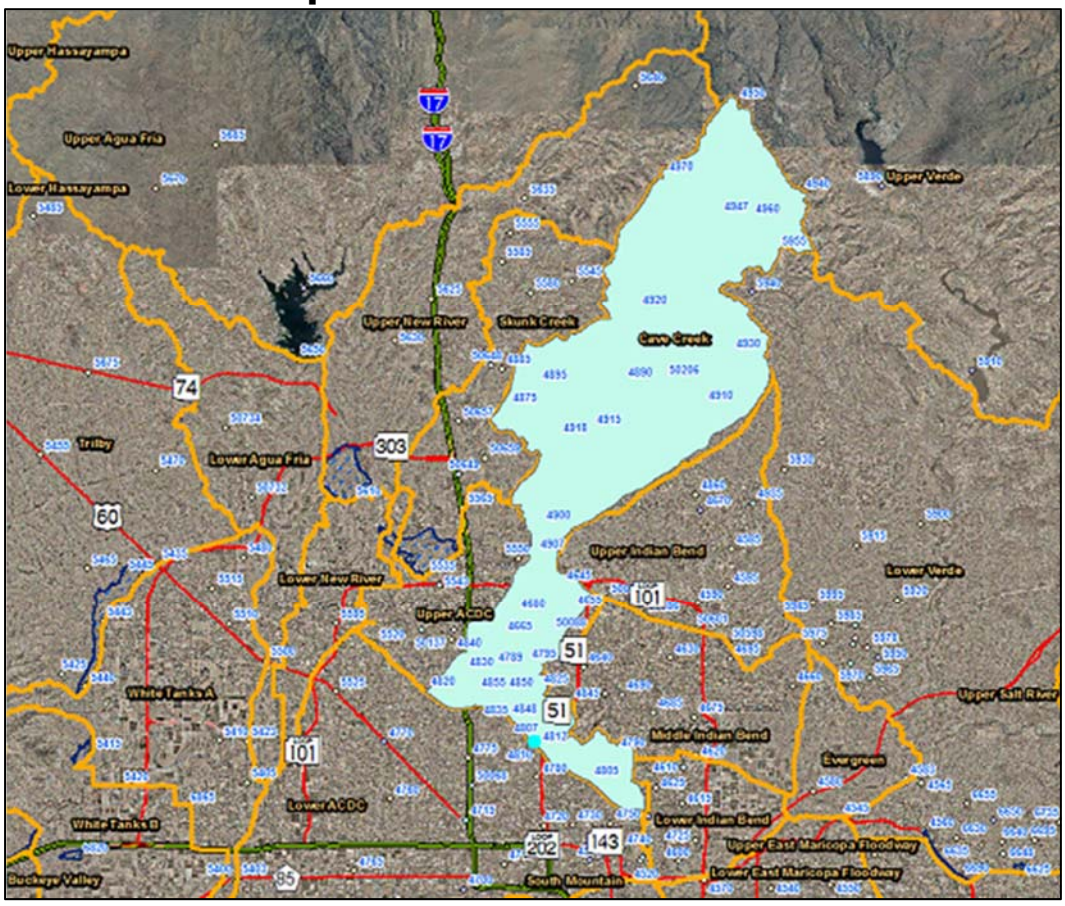
Arizona Canal Diversion Channel at 43rd Avenue, ID #4823

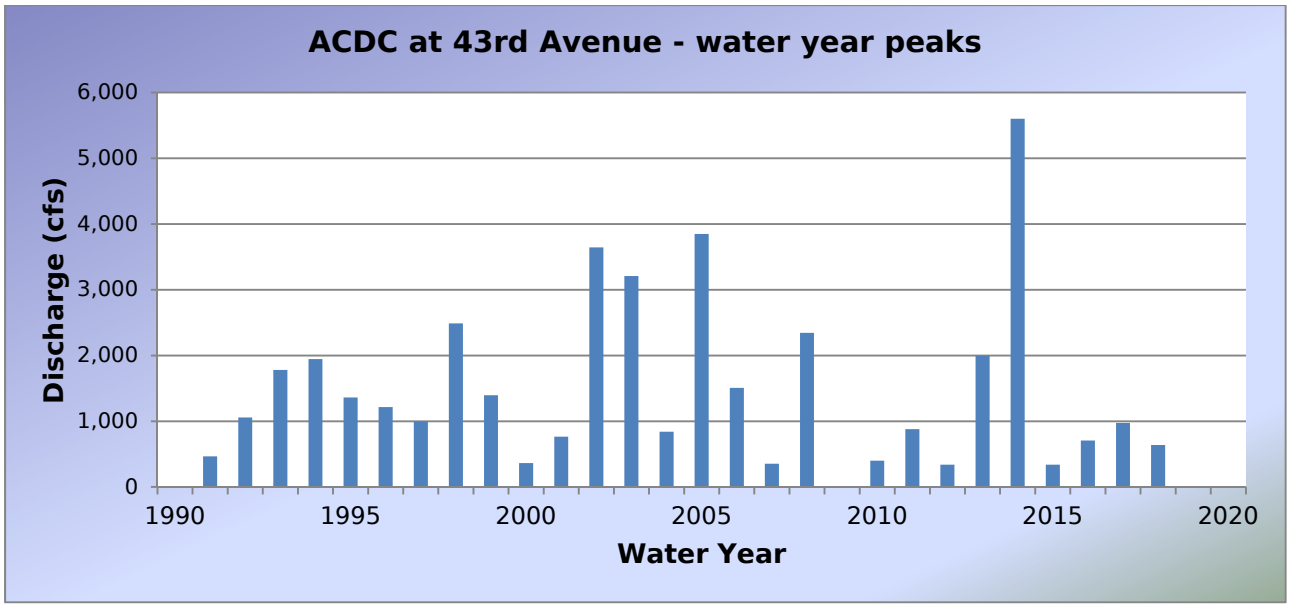


Site Data

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	27.88 Years | 10,183 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

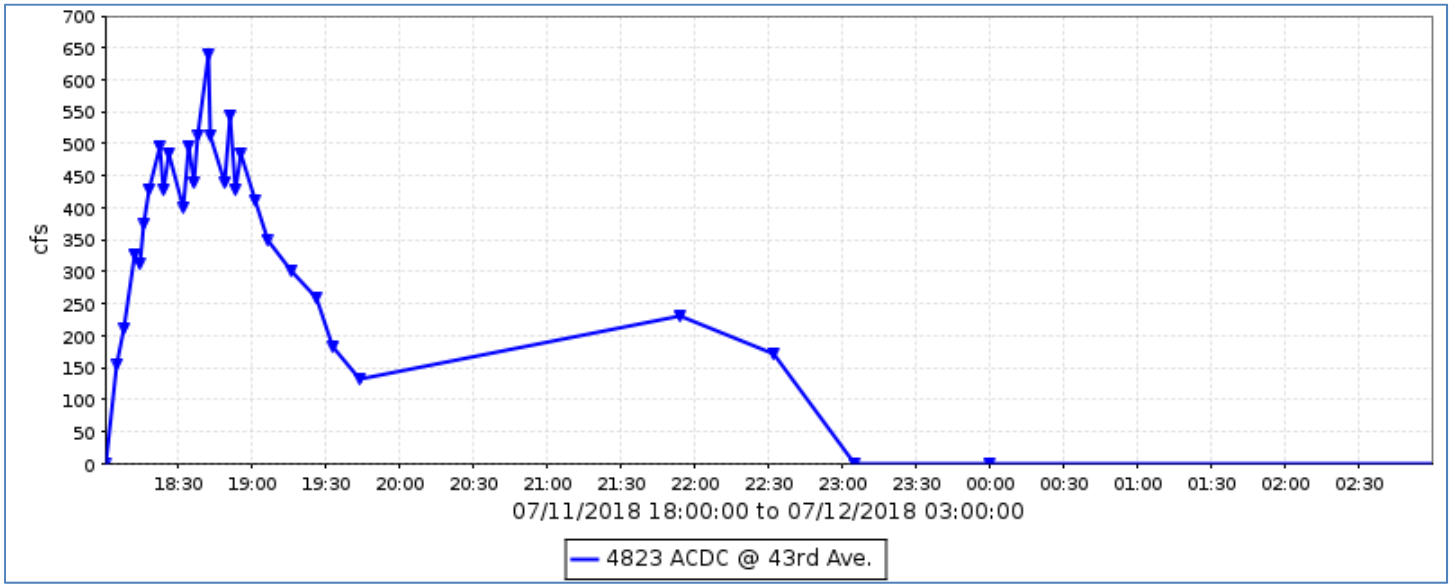




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
07/09/2018	1.44	360
07/11/2018	1.92	640
08/02/2018	0.97	124
08/11/2018	1.62	456
08/23/2018	1.27	280

Hydrograph of peak WY 2018 flow event, 07/11/2018



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**
1,080	**2,160**	**3,100**	**4,180**	**5,870**	**7,370**

ACDC at 43rd Avenue, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2											3	
3												
4												
5												
6												
7												
8												
9										15		
10												
11										47	32	
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23											14	
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	0	0	0	0	0	0	63	50	0
MEAN	0	0	0	0	0	0	0	0	0	2	2	0
MAX	0	0	0	0	0	0	0	0	0	640	456	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	124	99	0

WTR YR 2018 TOTAL 112 MEAN 0 MAX 640 MIN 0 AC_FT 223

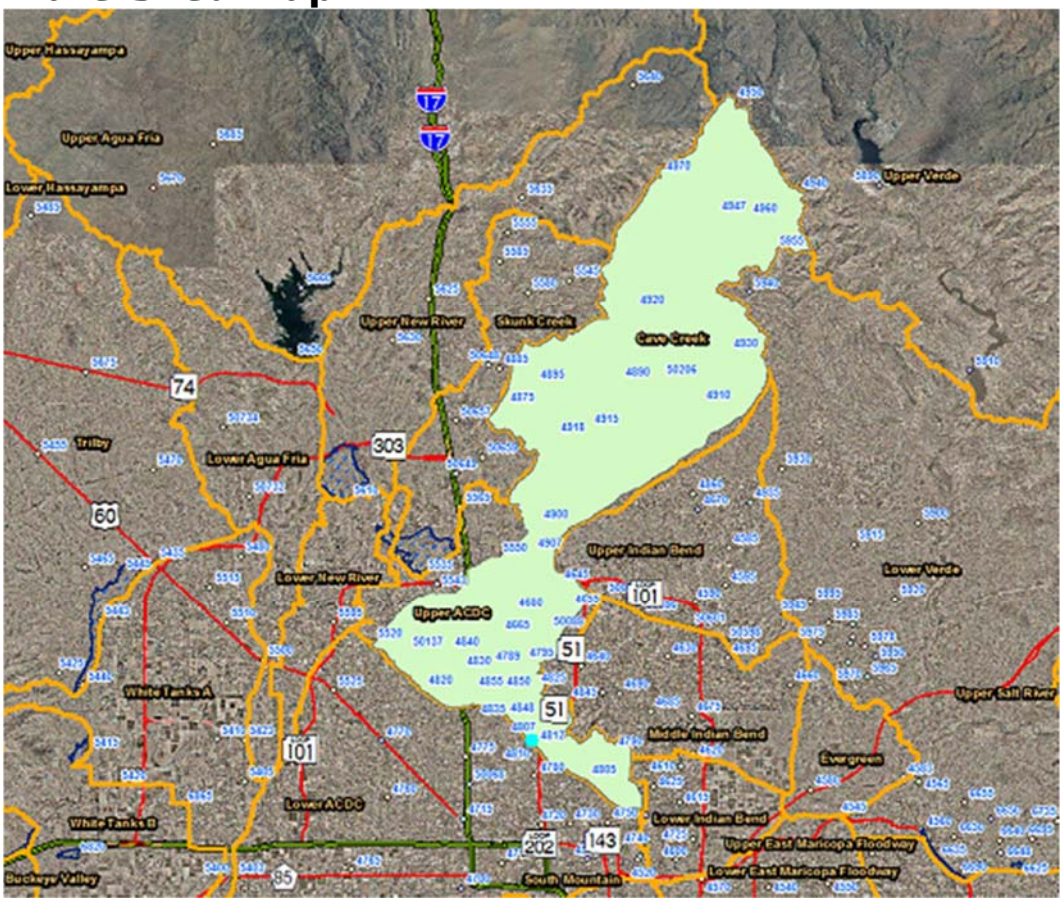
Arizona Canal Diversion Channel at 67th Avenue, ID #5523

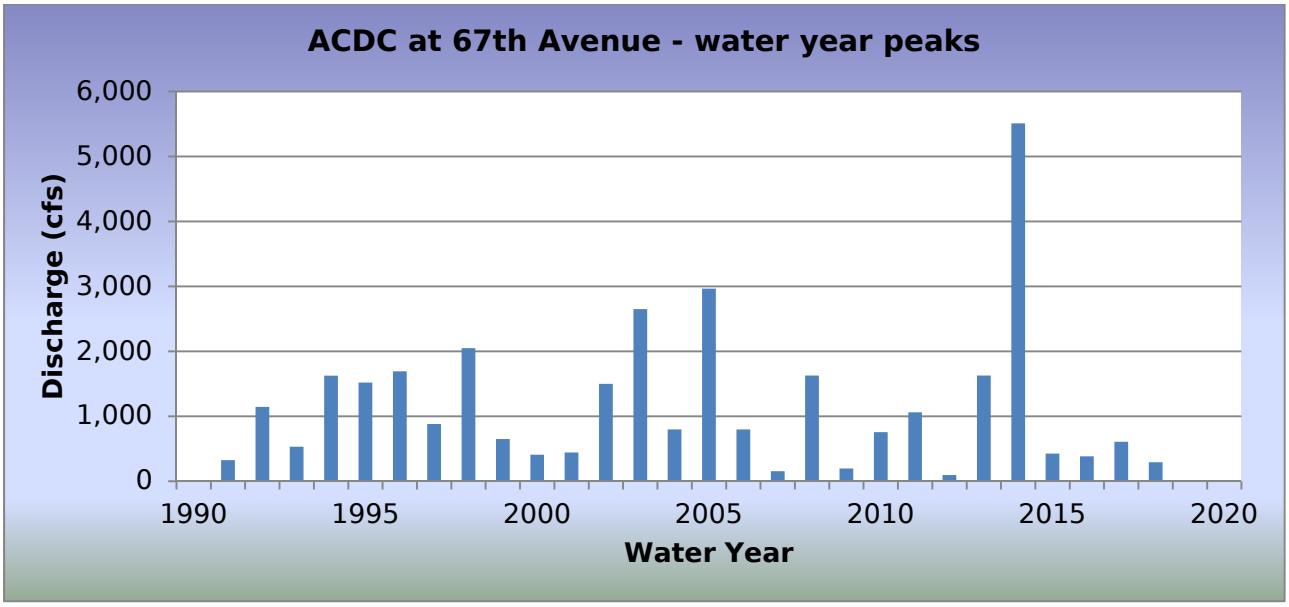


Site Data

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	28.32 Years | 10,343 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

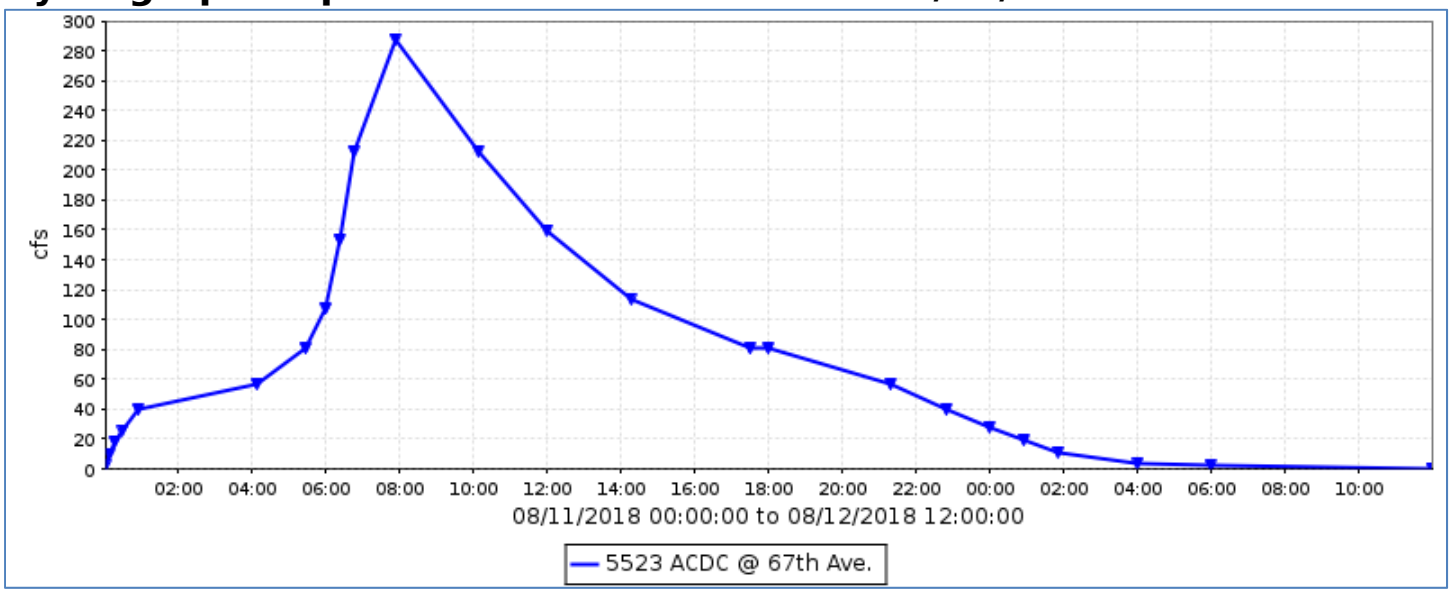




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
01/10/2018	3.03	293
07/10/2018	2.23	121
07/11/2018	2.91	260
07/31/2018	1.74	68
08/03/2018	0.86	21
08/09/2018	1.59	56
08/11/2018	3.01	288
08/24/2018	2.67	201
09/20/2018	1.01	25

Hydrograph of peak WY 2018 flow event. 08/11/2018



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**
812	**1,750**	**2,580**	**3,520**	**4,950**	**6,180**

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 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3											5	
4												
5												
6												
7												
8												
9				4						9	23	
10				106						70		
11				10						44	117	
12										107	4	
13										14		
14												
15												
16												
17												
18												
19												3
20												6
21												
22												
23												
24											128	
25											16	
26												
27												
28												
29					---							
30					---					1		
31		---			---		---		---	24		---
TOTAL	0	0	0	120	0	0	0	0	0	271	292	9
MEAN	0	0	0	4	0	0	0	0	0	9	9	0
MAX	0	0	0	293	0	0	0	0	0	260	288	25
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	238	0	0	0	0	0	537	580	19

WTR YR 2018 TOTAL 692 MEAN 2 MAX 293 MIN 0 AC_FT 1373

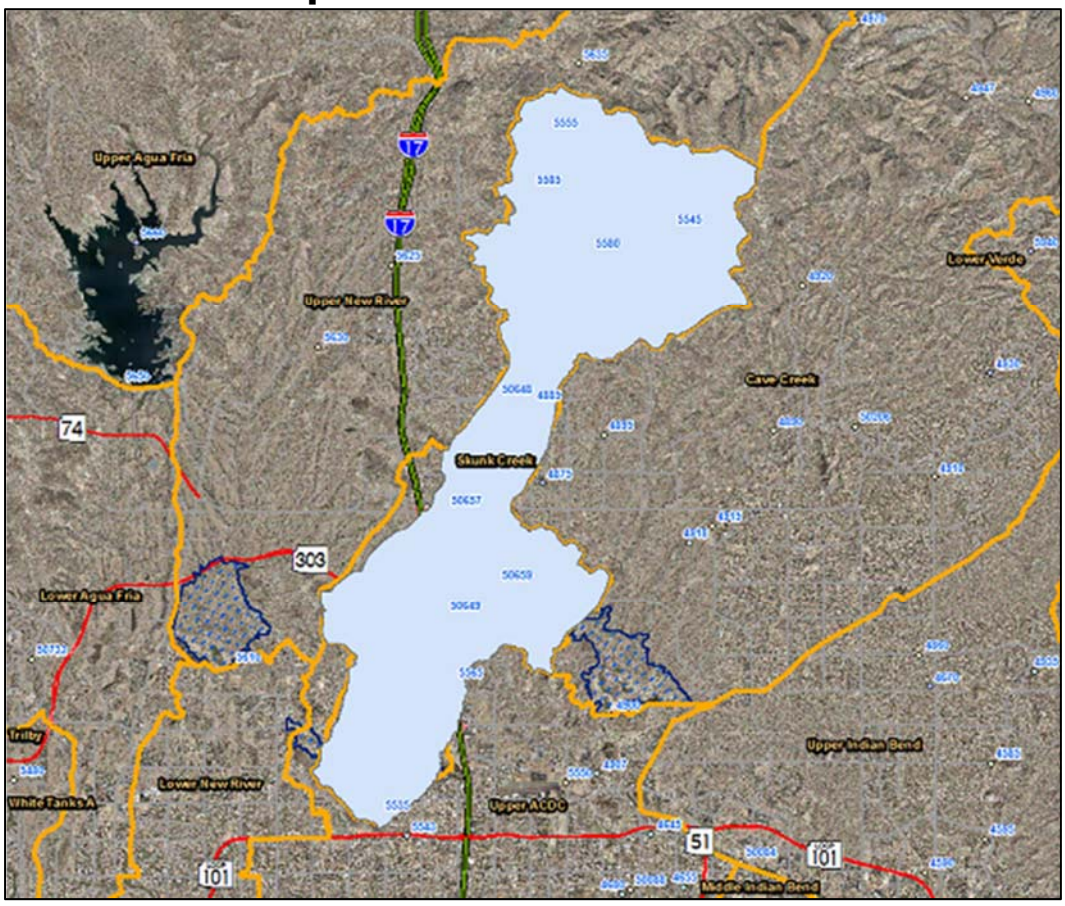
Adobe Dam Pool, ID #5539

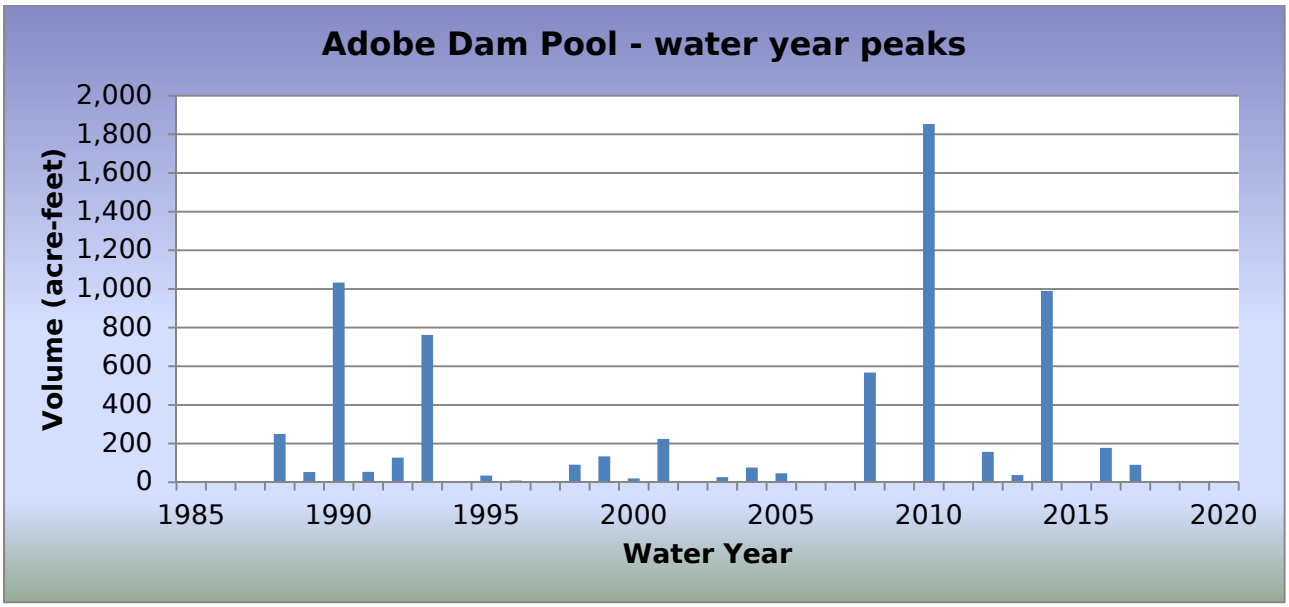


Site Data

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	30.09 Years | 10,989 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





WY2018 Events

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

Hydrograph of peak WY 2018 impoundment event,

No impoundments recorded during Water Year 2018.

Adobe Dam Pool, volume data

Volume, in acre-feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10								---				
11												
12												
13												
14												
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16												
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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 2018 MEAN 0 MAX 0 MIN 0

Adobe Dam Pool, stage data

Depth, in feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
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	2.9
6	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
7	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
8	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
10	2.9	2.9	2.9	2.9	2.9	2.9	2.9	---	2.9	2.9	2.9	2.9
11	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	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
22	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
23	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
24	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	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	2.9	2.9	2.9	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 2018 MEAN 2.85 MAX 2.85 MIN 2.85

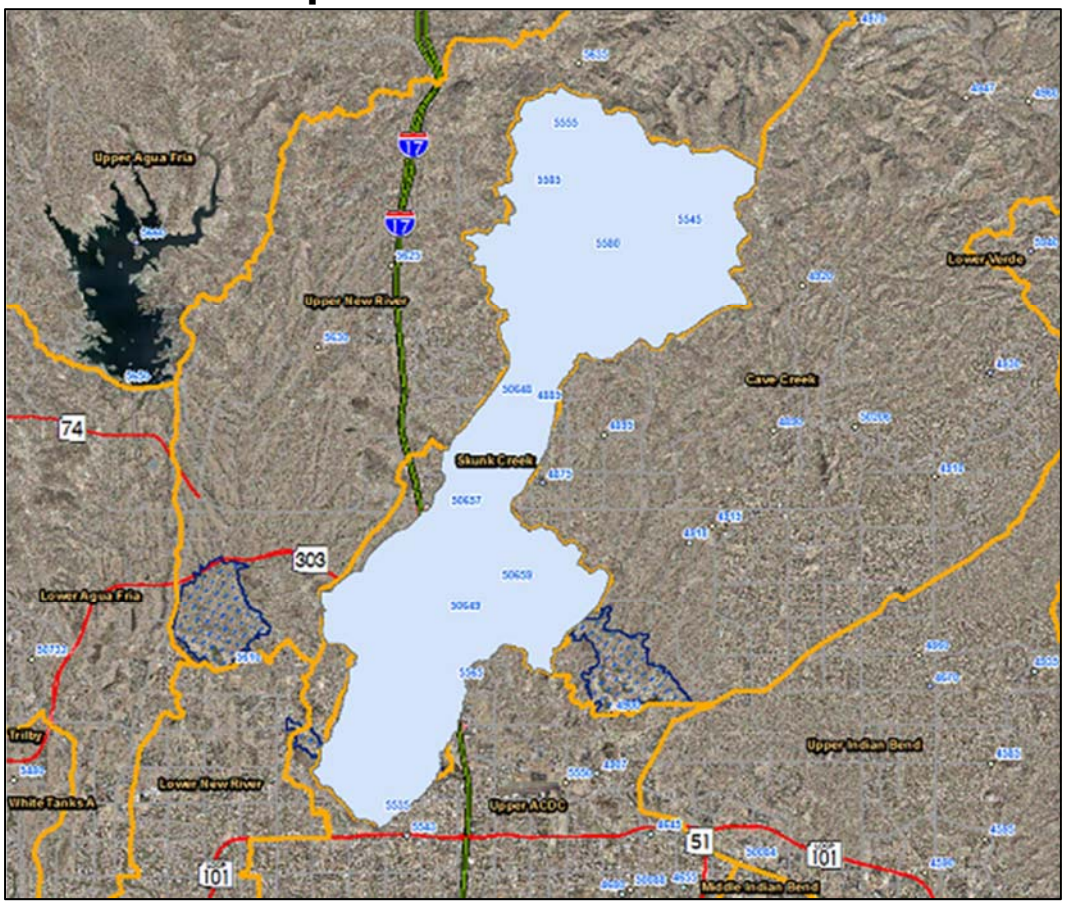
Adobe Dam Outlet, ID #5538

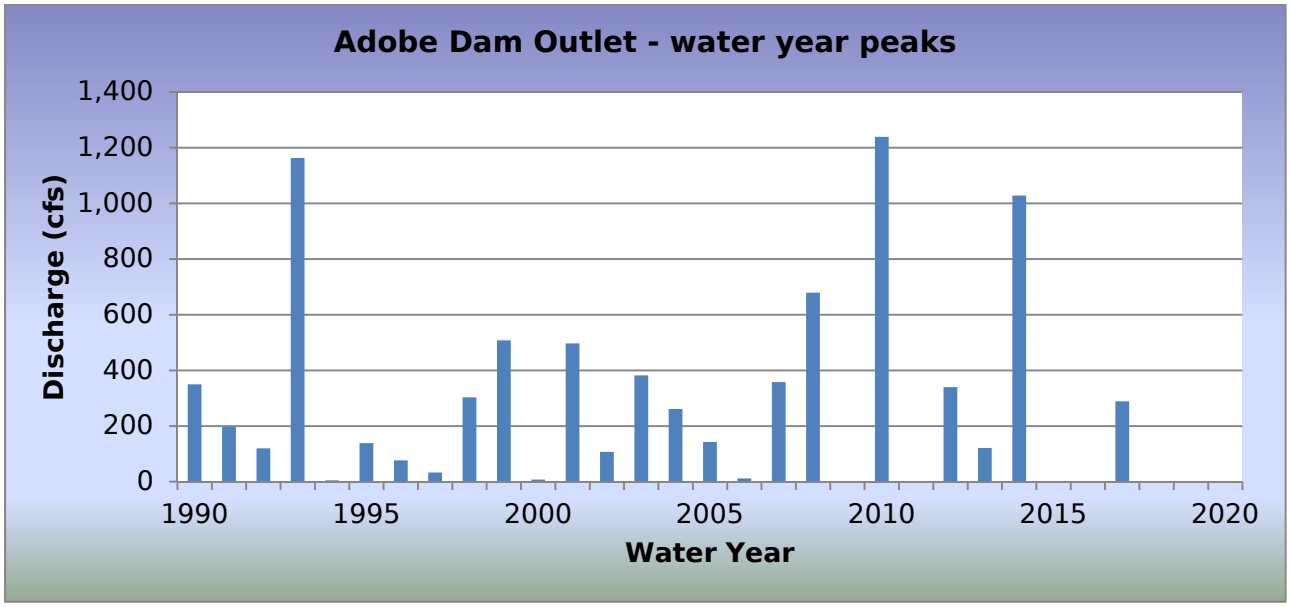


Site Data

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	28.16 Years | 10,286 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





WY2018 Events

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

Hydrograph of peak WY 2018 flow event,

There was no runoff recorded during Water Year 2018

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 cub, Water Year October 2017 to September 2018

Daily Mean Values

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

WTR YR 2018 TOTAL 3 MEAN 0 MAX 17 MIN 0 AC_FT 5

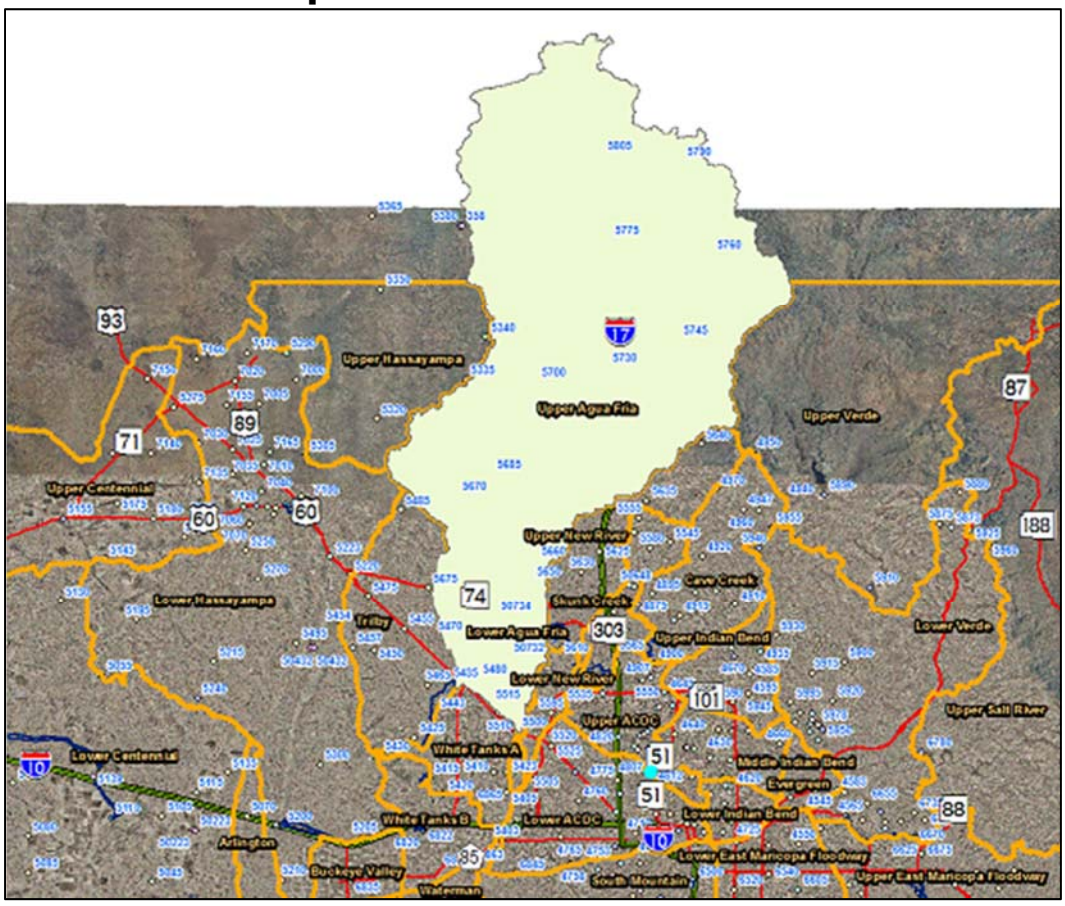
Agua Fria River at Grand Avenue, ID #5503

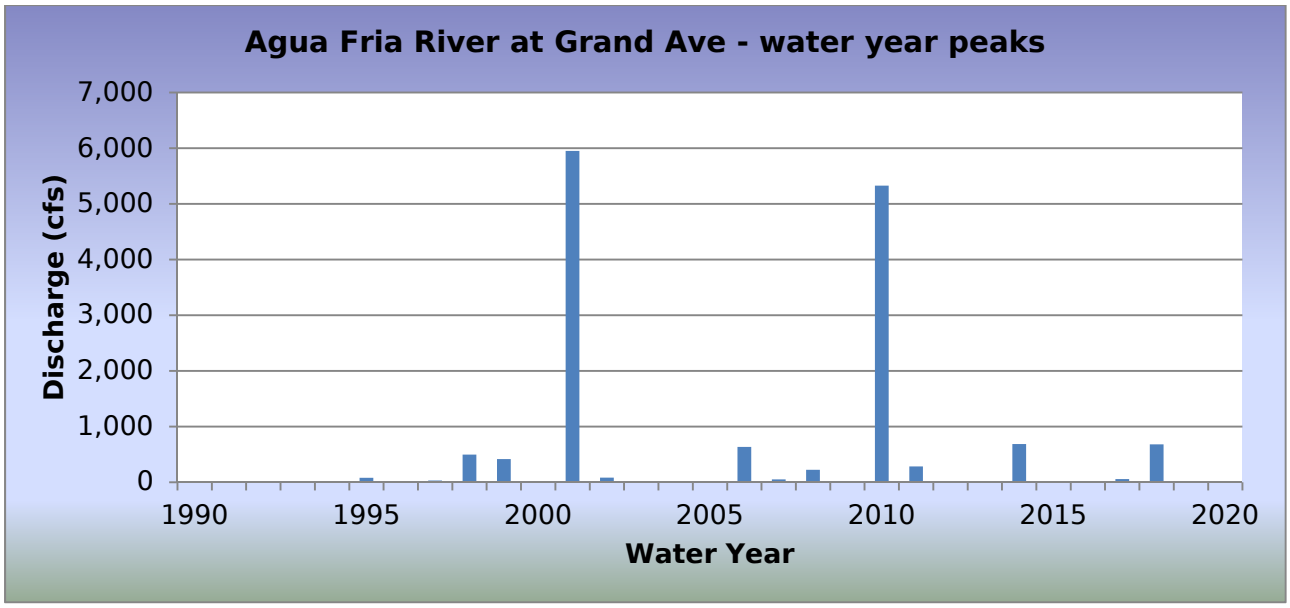


Site Data

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	24.43 Years | 8,923 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

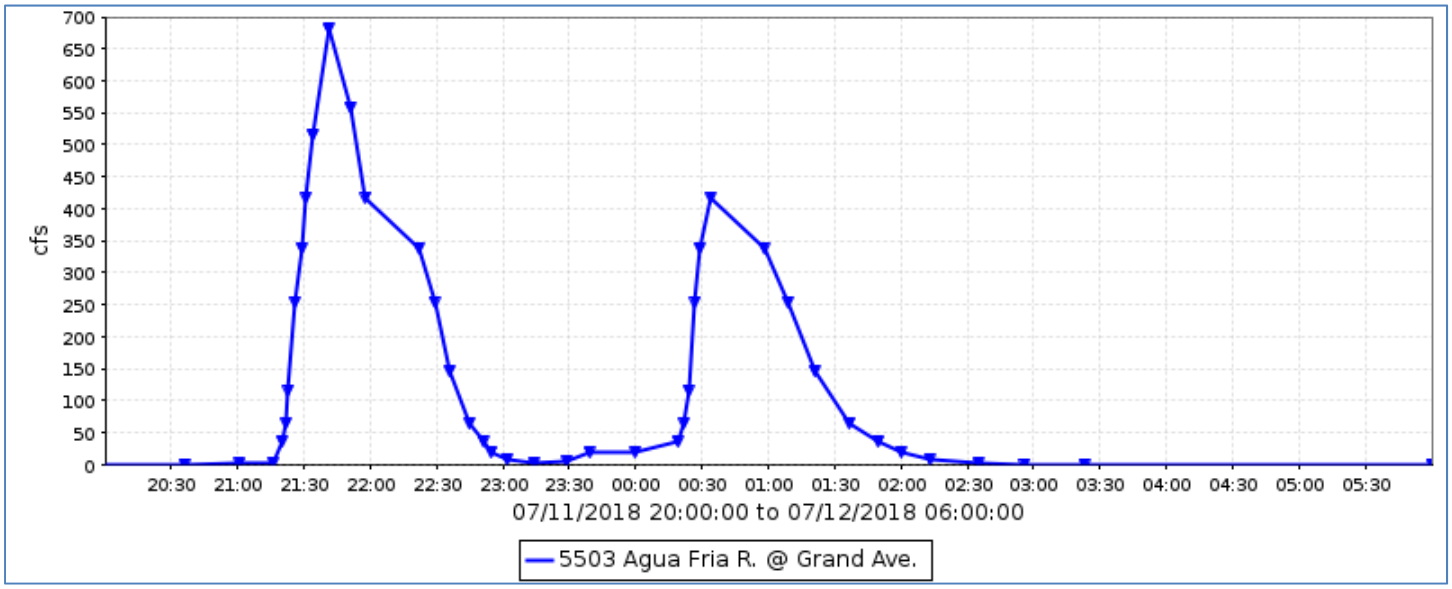




WY2018 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
07/09/2018	3.43	193
07/11/2018	3.92	680
08/11/2018	3.24	65

Hydrograph of peak WY 2018 flow event, 07/11/2018



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 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1										---		
2										---		
3												
4												
5												
6												
7												
8												
9										3		
10												
11										24	1	
12										17		
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	1	0	45	1	0
MEAN	0	0	0	0	0	0	0	0	0	2	0	0
MAX	0	0	0	0	0	0	0	3	0	680	65	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	1	1	0	0	0	0	1	1	1	88	3	1

WTR YR 2018 TOTAL 49 MEAN 0 MAX 680 MIN 0 AC_FT 97

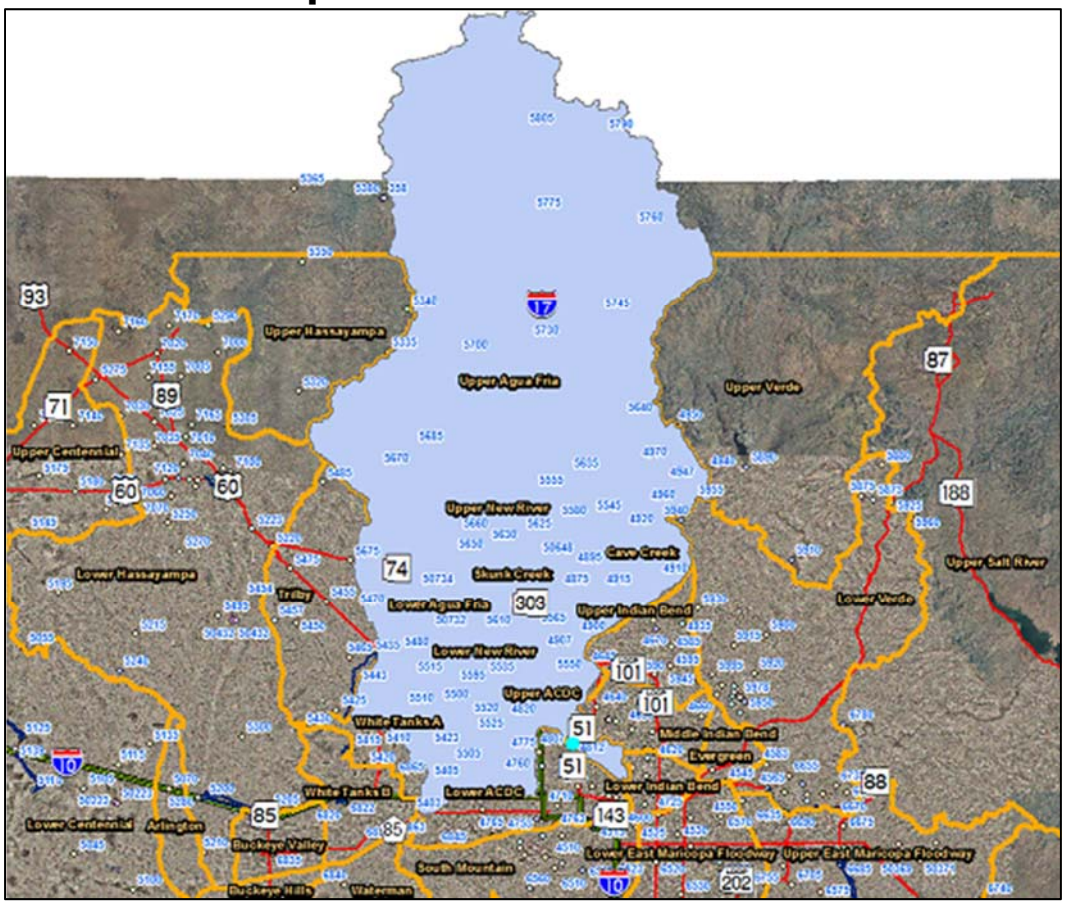
Agua Fria River at Buckeye Road, ID #5403

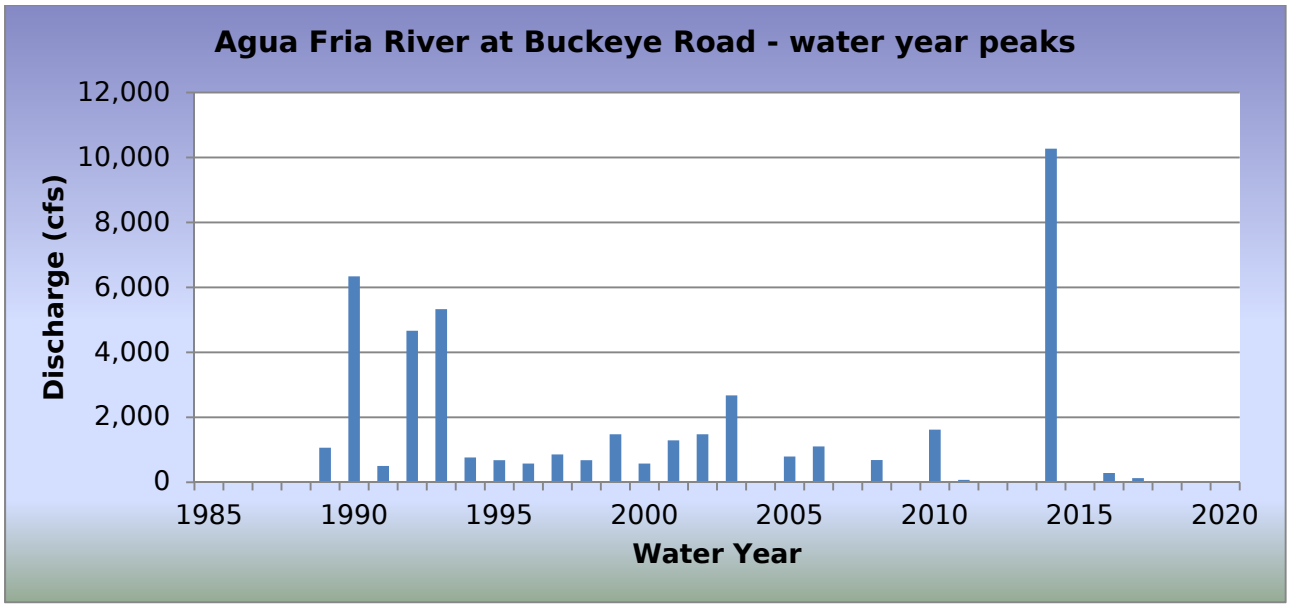


Site Data

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	29.97 Years | 10,946 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





WY2018 Events

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

Hydrograph of peak WY 2018 flow event,

There was no runoff recorded during Water Year 2018.

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 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4				---								
5				---								
6				---								
7				---								
8				---								
9												
10												
11												
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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	1	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	1	0	0	0

WTR YR 2018 TOTAL 0 MEAN 0 MAX 1 MIN 0 AC_FT 1

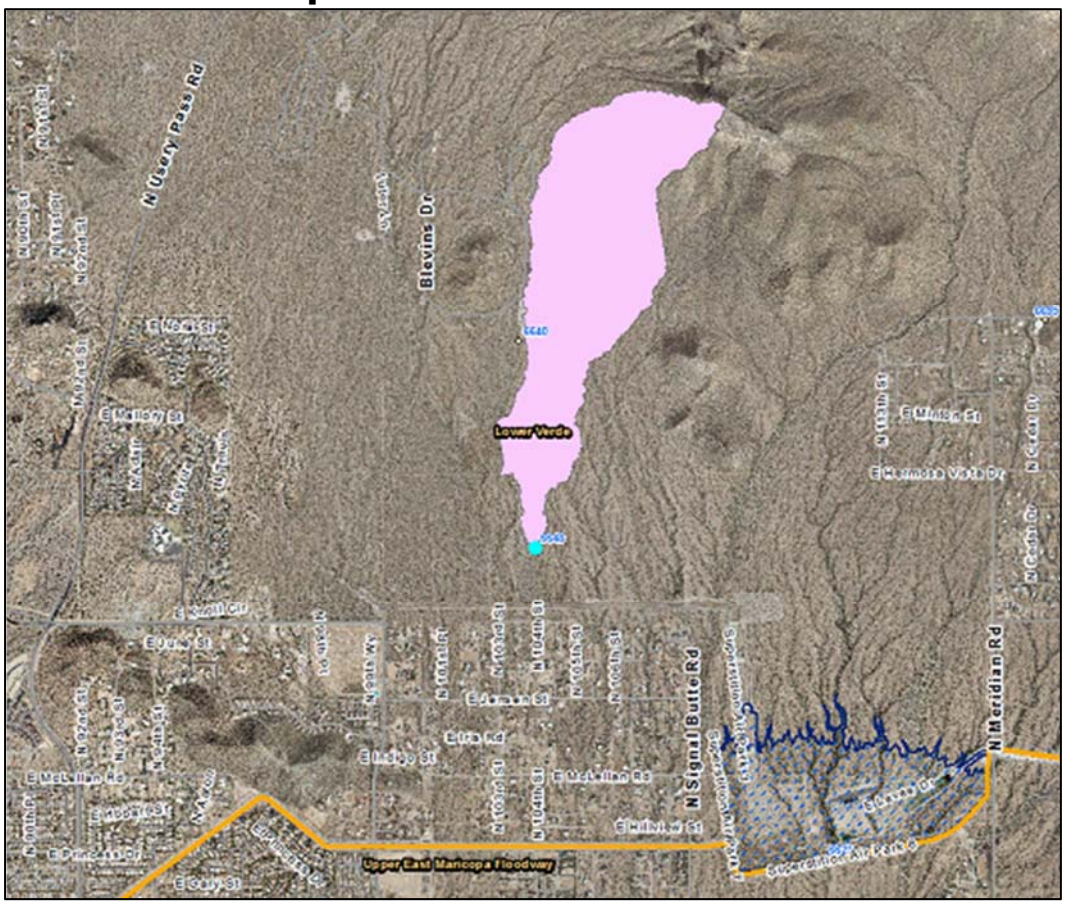
Amigos Wash, ID #6648

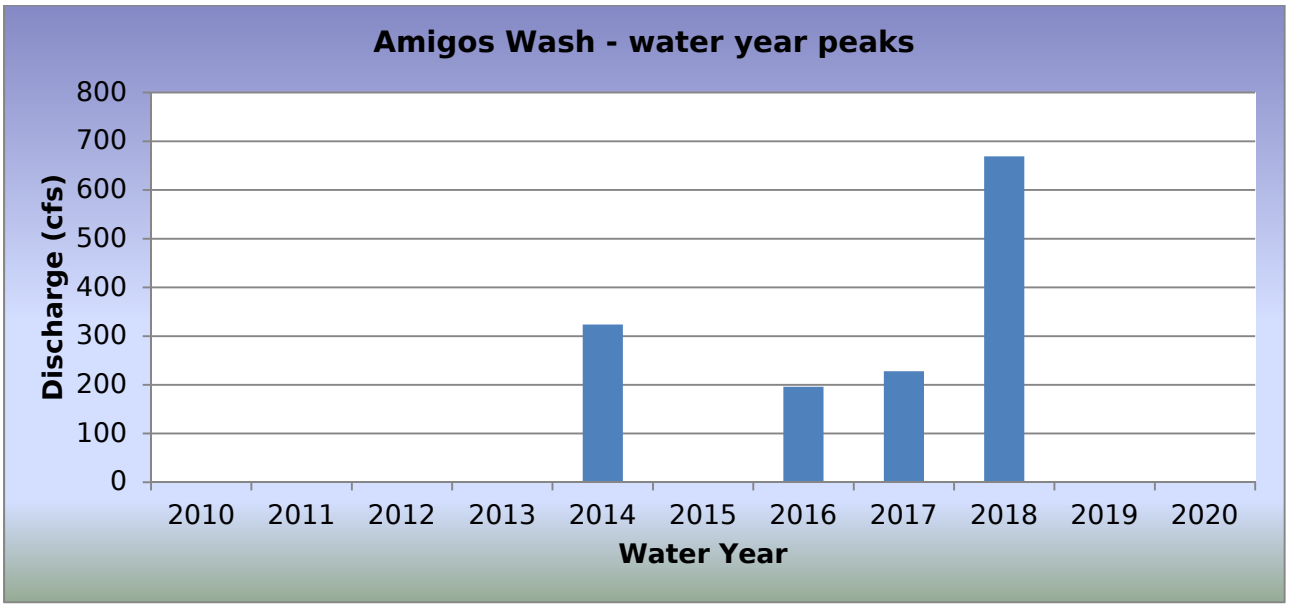


Site Data

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	5.72 Years | 2,091 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.75 feet Gage Height
STAFF GAGES	None
ZERO GAGE HEIGHT ELEVATION	1,783.87 feet NAVD 1988
POINT OF ZERO FLOW	0.1 feet Gage Height
EXTREME FOR PERIOD OF RECORD	669 cfs | 2.05 feet | 08/10/2018

Watershed Map

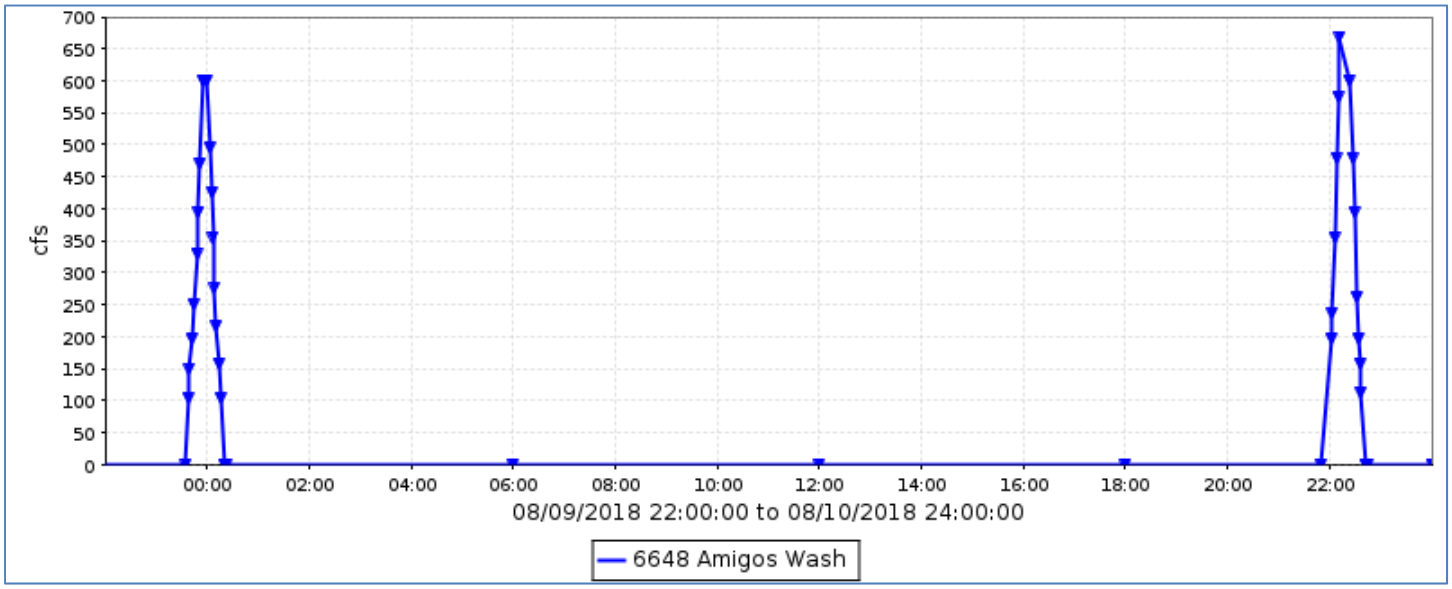




WY2018 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
08/09/2018	1.95	600
08/10/2018	2.05	669

Hydrograph of peak WY 2018 flow event, 08/10/2018



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 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9											5	
10											16	
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	22	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	669	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	43	0

WTR YR 2018 TOTAL 22 MEAN 0 MAX 669 MIN 0 AC_FT 43

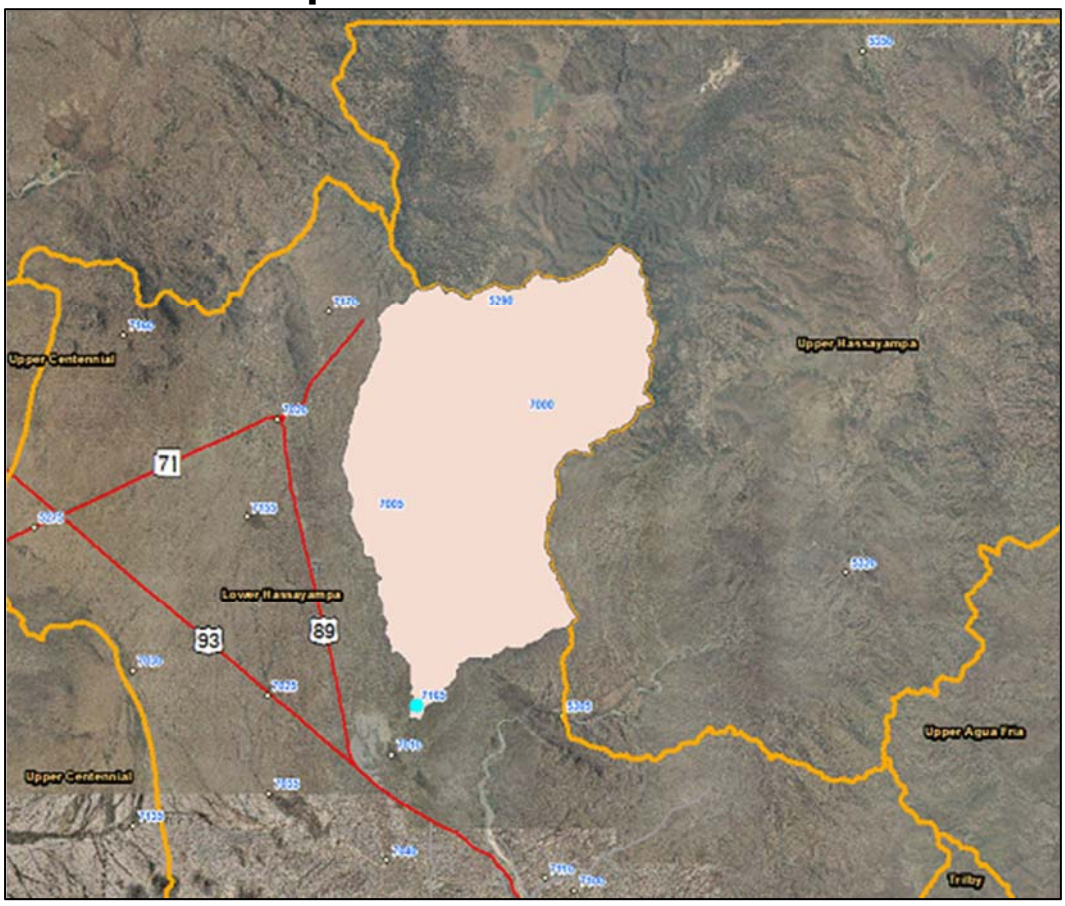
Antelope Creek, ID #7168

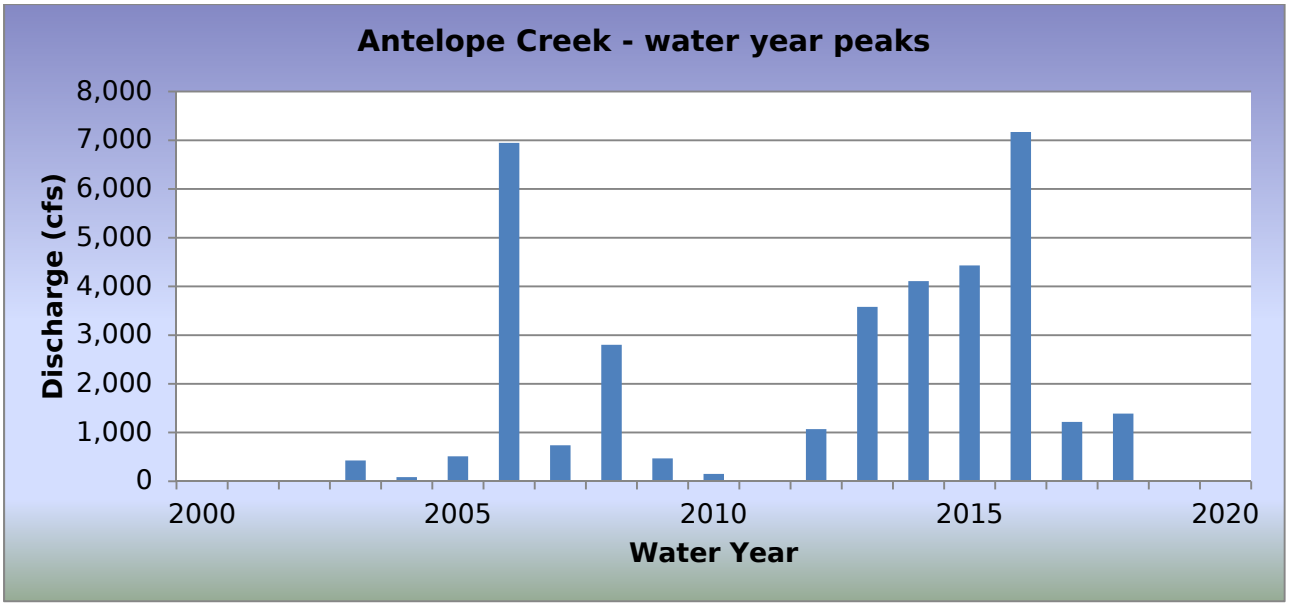


Site Data

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	15.23 Years | 5,563 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

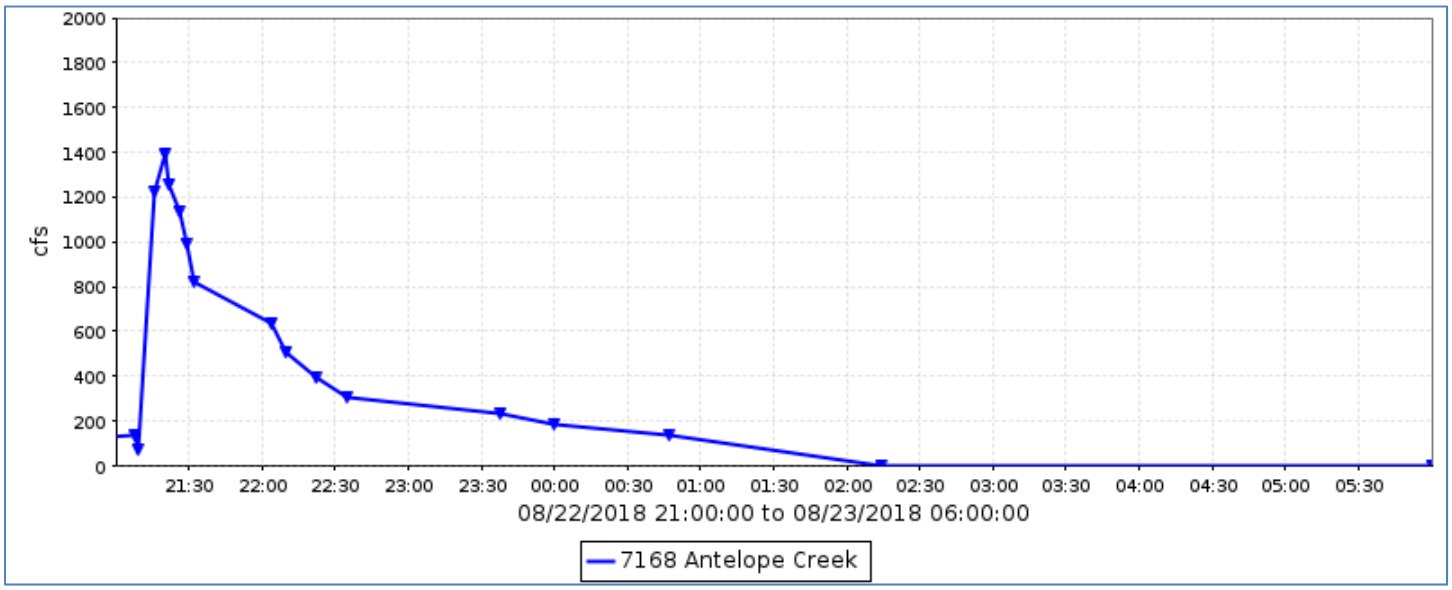




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
06/16/2018	2.60	469
07/12/2018	2.70	566
08/02/2018	2.55	425
08/14/2018	2.61	478
08/16/2018	2.61	478
08/17/2018	3.01	968
08/22/2018	3.48	1,389

Hydrograph of peak WY 2018 flow event, 08/22/2018



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**
1,140	**3,550**	**6,210**	**9,680**	**15,600**	**21,300**

NOTE: These results are based on very limited data.

Antelope Creek, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2											11	
3												
4												
5												
6												
7												
8												
9												
10												
11												
12										49		
13				---								
14				---							12	
15				---								
16									89		15	
17											41	
18												
19												
20												
21												
22											59	
23											14	
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	0	0	0	0	0	89	50	152	0
MEAN	0	0	0	0	0	0	0	0	3	2	5	0
MAX	0	0	0	0	0	0	0	0	469	566	1389	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	0	0	176	99	302	0

WTR YR 2018 TOTAL 291 MEAN 1 MAX 1389 MIN 0 AC_FT 577

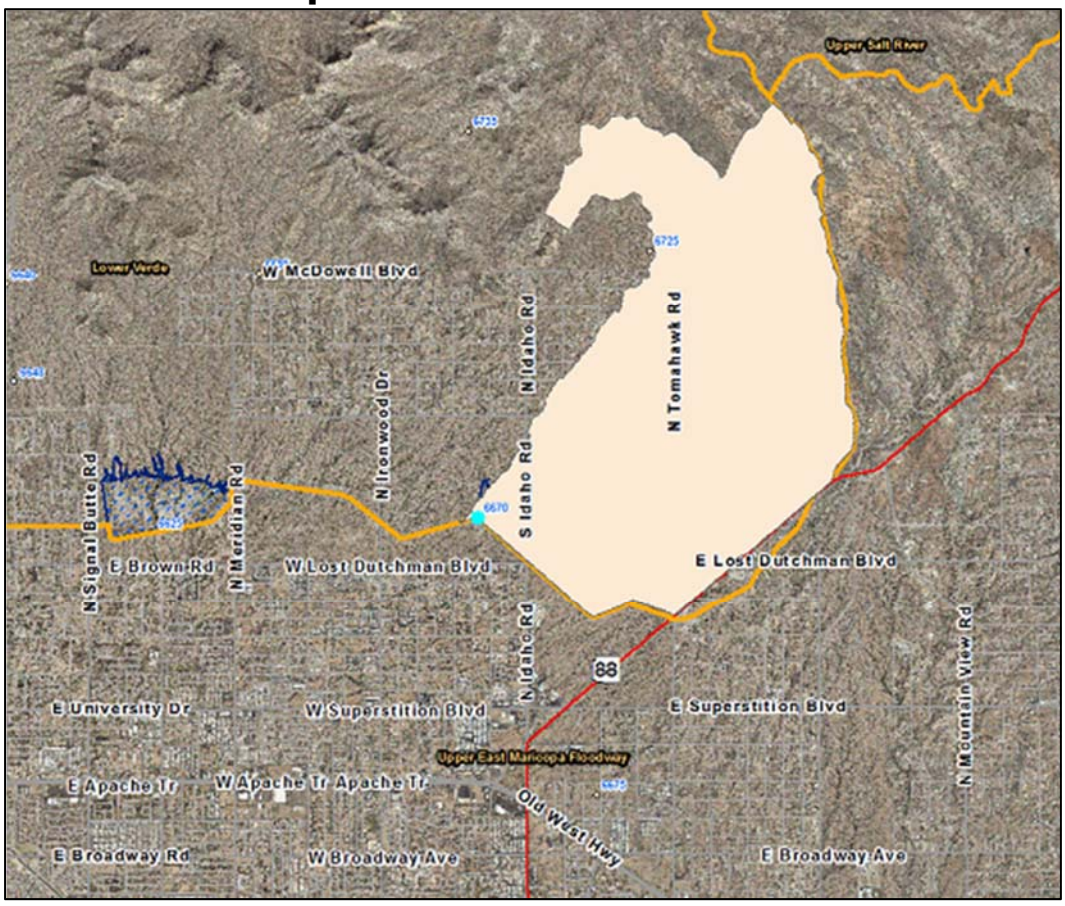
Apache Junction FRS, ID #6673

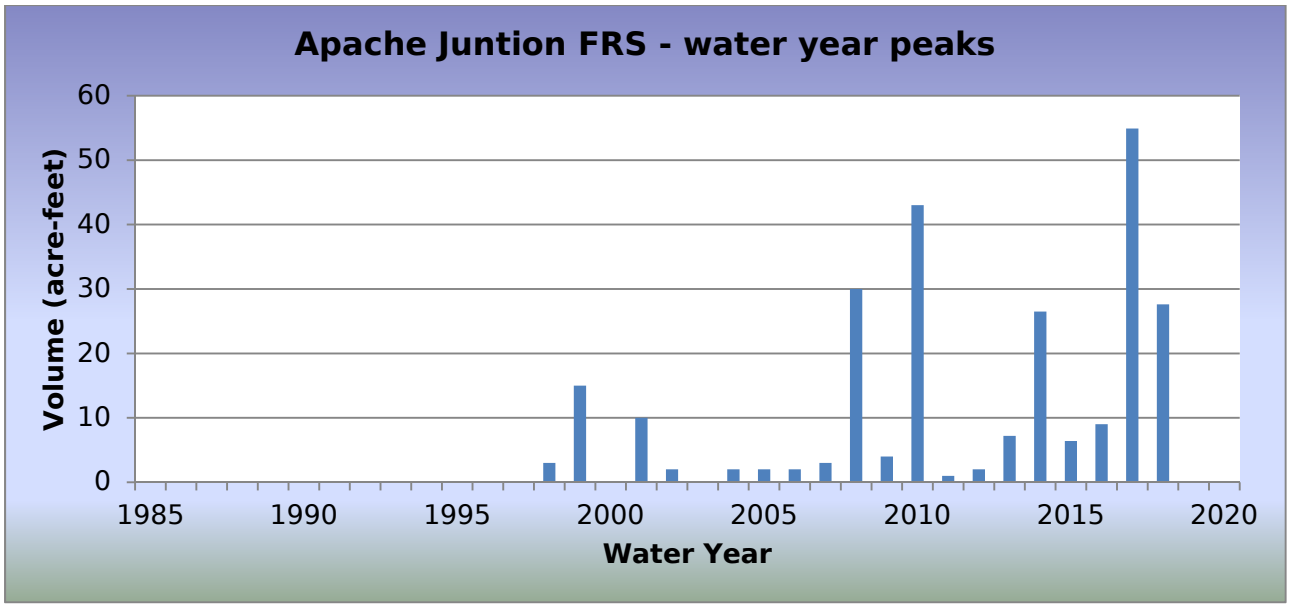


Site Data

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	30.04 Years | 10,973 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

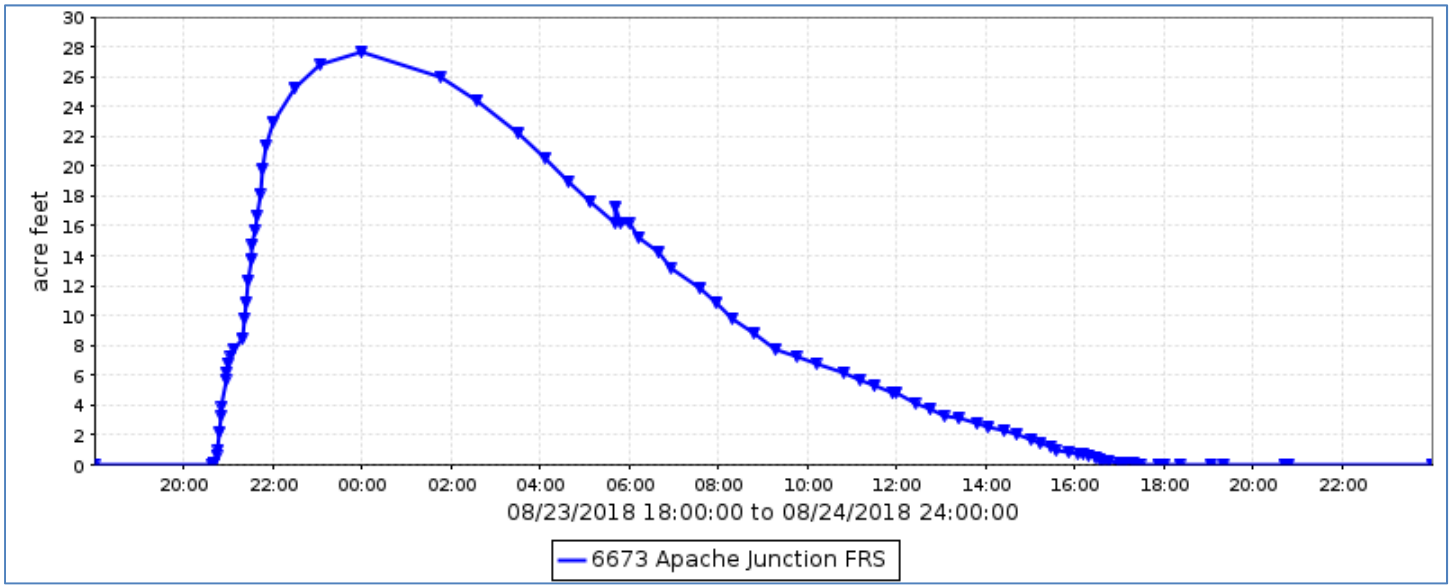




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
07/09/2018	0.91	0.1	0.0
07/30/2018	0.76	0.1	0.0
08/10/2018	3.30	4.8	0.7
08/11/2018	3.35	5.0	0.7
08/24/2018	5.60	27.6	4.1

Hydrograph of peak WY 2018 impoundment event, 08/24/2018



Apache Junction FRS, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10											9	
11											8	
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23											4	
24											18	
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	0	0	0	0	0	0	0	39	0
MEAN	0	0	0	0	0	0	0	0	0	0	1	0
MAX	0	0	0	0	0	0	0	0	0	5	32	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	77	0

WTR YR 2018 TOTAL 39 MEAN 0 MAX 32 MIN 0 AC_FT 77

Apache Junction FRS, volume data

Volume, in acre feet, Water Year October 2017 to September 2018

Daily Mean Values

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

WTR YR 2018 MEAN 0 MAX 28 MIN 0

Apache Junction FRS, stage data

Depth, in feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
4	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
6	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
7	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
8	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
9	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
10	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1.3	0.1
11	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1.3	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	0.8	0.1
24	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	2.9	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	0.3	0.1
MAX	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.9	5.6	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 2018 MEAN 0.15 MAX 5.60 MIN 0.13

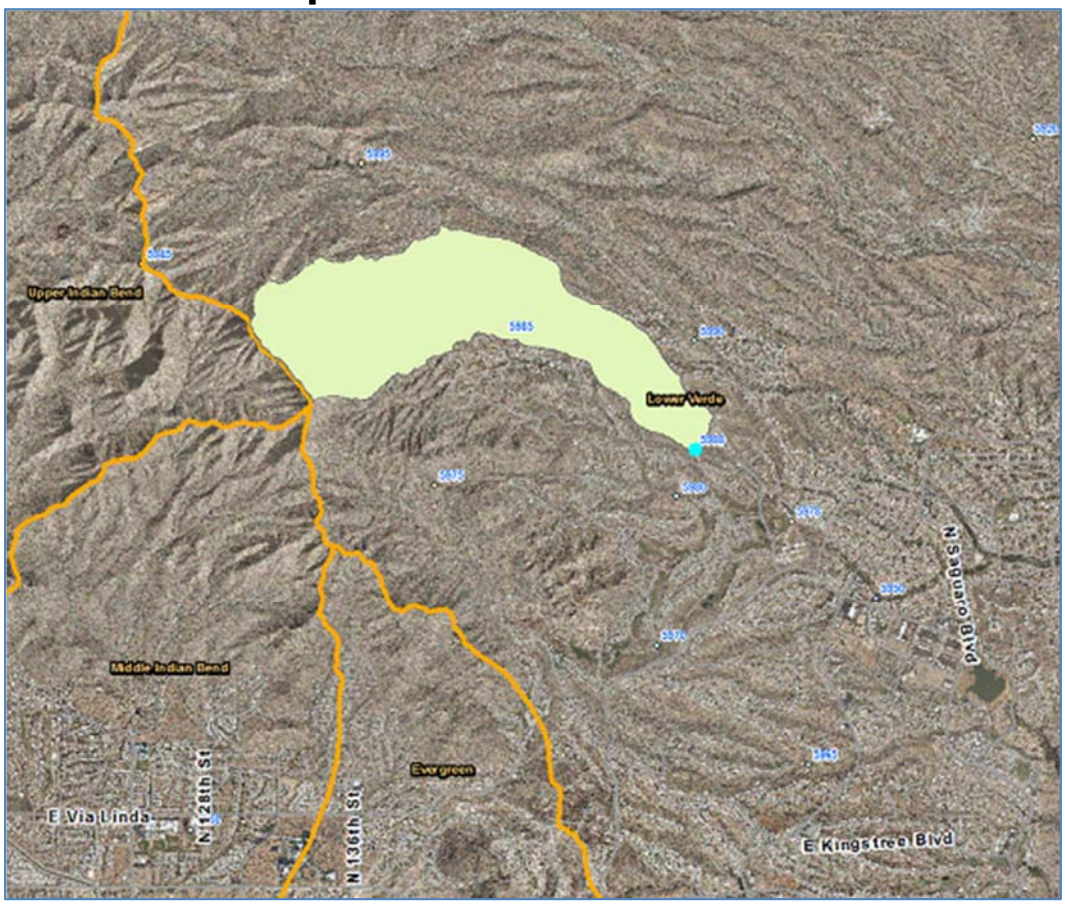
Aspen Dam, ID #5988

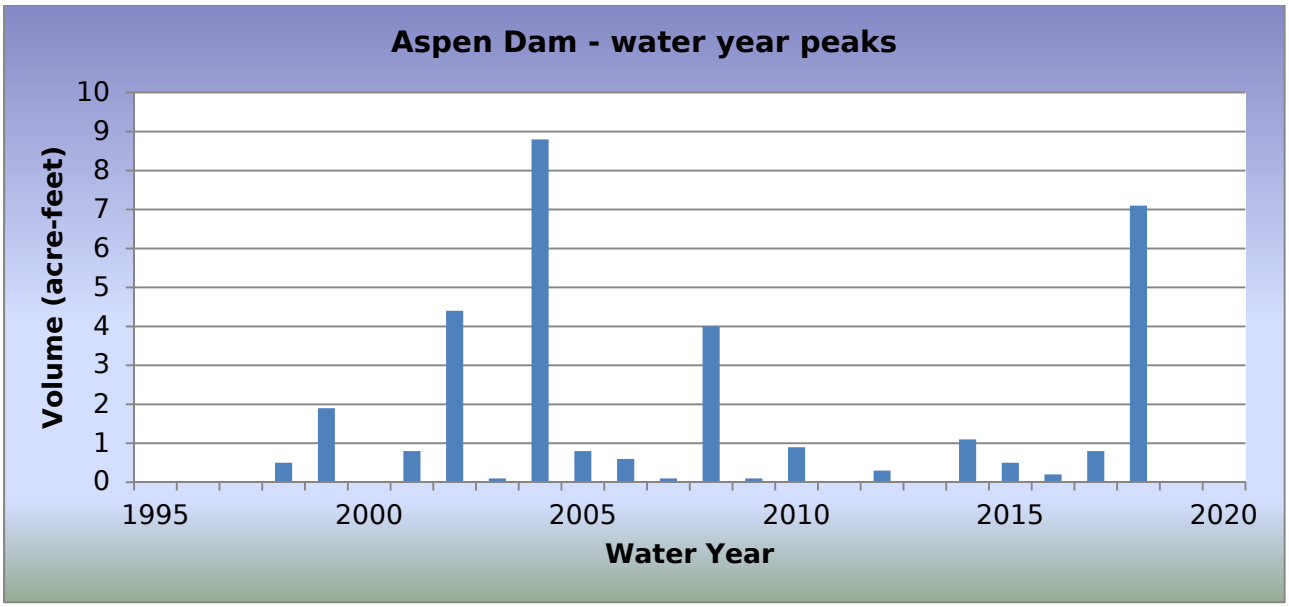


Site Data

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	21.74 Years | 7,942 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.24 feet Gage Height
STAFF GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,810.88 feet NAVD88
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

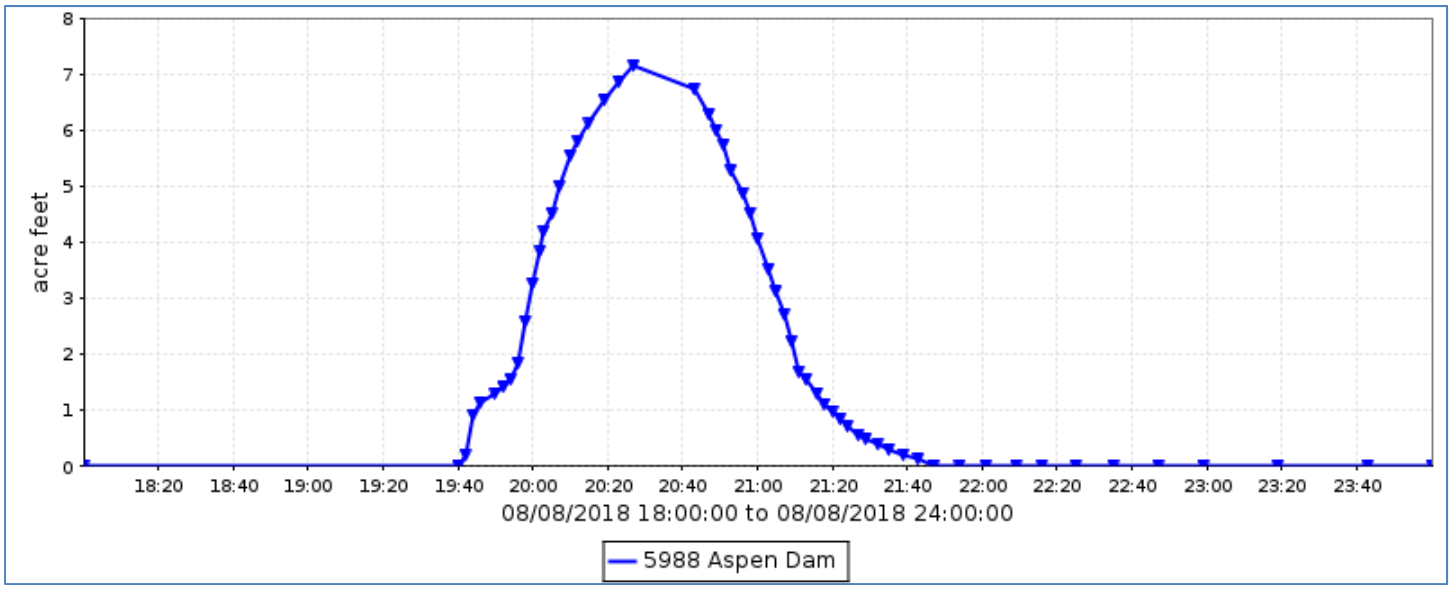




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
07/14/2018	3.66	2.4	1.4
08/08/2018	5.40	7.1	3.9

Hydrograph of peak WY 2018 impoundment event, 08/08/2018



Aspen Dam, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				---								
2				---								
3												
4												
5												
6												
7												
8											7	
9												
10												
11												
12												
13												
14										3		
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	3	7	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	0	0	0	0	0	0	63	102	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	6	13	0

WTR YR 2018 TOTAL 10 MEAN 0 MAX 102 MIN 0 AC_FT 19

Aspen Dam, volume data

Volume, in acre feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				---								
2				---								
3												
4												
5												
6												
7												
8												
9												
10												
11												
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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	2	7	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 2018 MEAN 0 MAX 7 MIN 0

Aspen Dam, stage data

Depth, in feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.2	0.2	0.2	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
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	0.6	0.2
9	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
10	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
11	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
12	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
13	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
14	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.2	0.2
15	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
16	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
17	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
18	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
19	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
20	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
21	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
22	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
23	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
24	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
25	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
26	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
27	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
28	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
29	0.2	0.2	---	0.2	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2
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	---
MEAN	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2
MAX	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	3.7	5.4	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 2018 MEAN 0.24 MAX 5.40 MIN 0.24

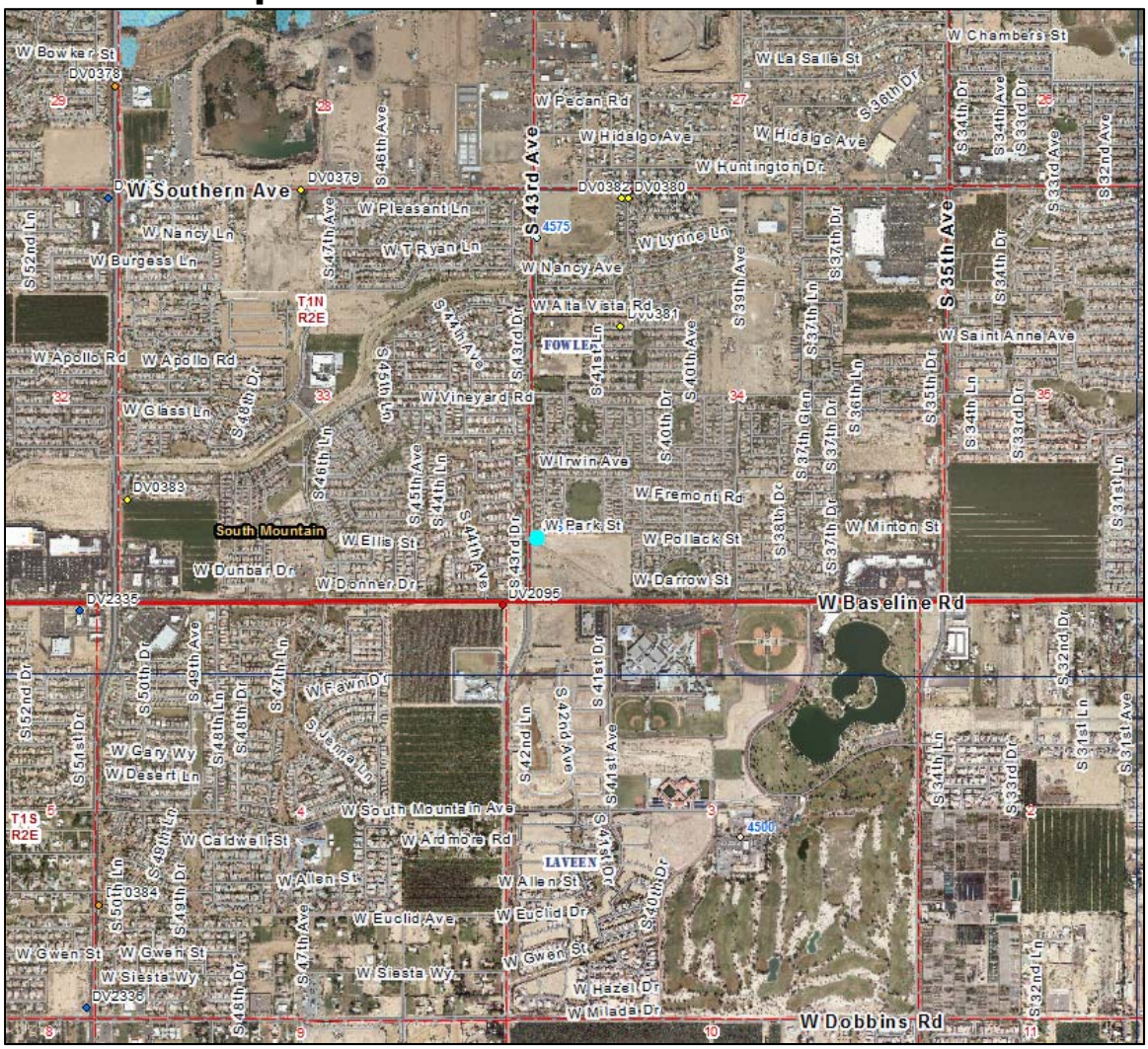
Baseline Road at 43rd Avenue Basin, ID #66407

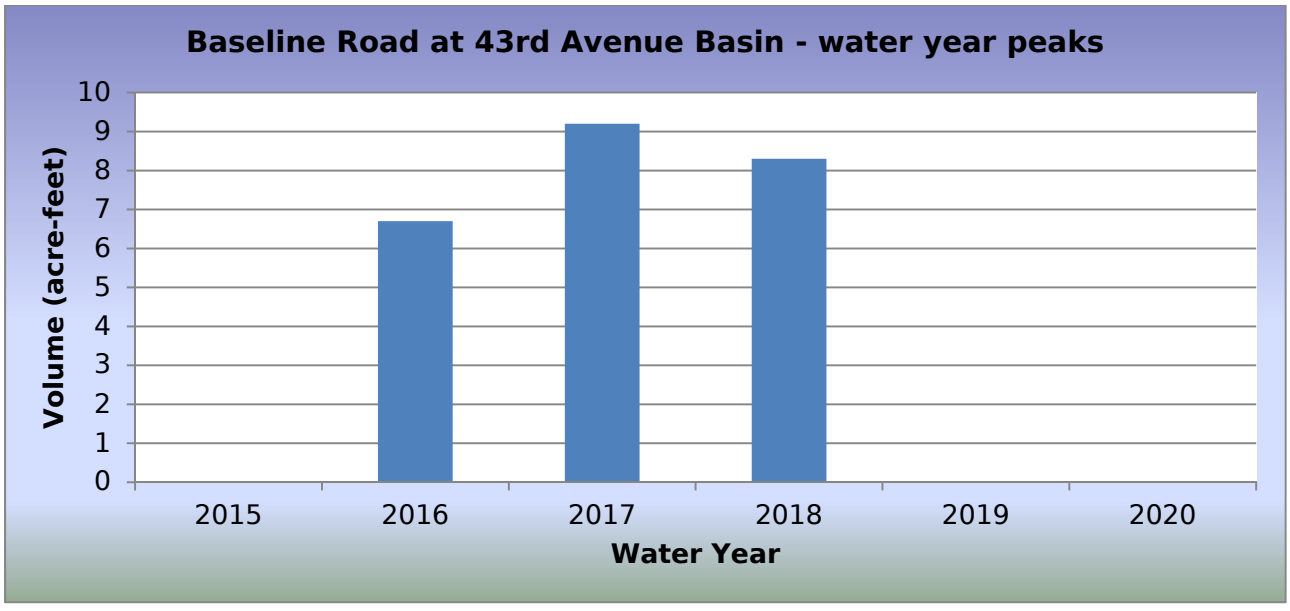


Site Data

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	3.00 Years | 1,096 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

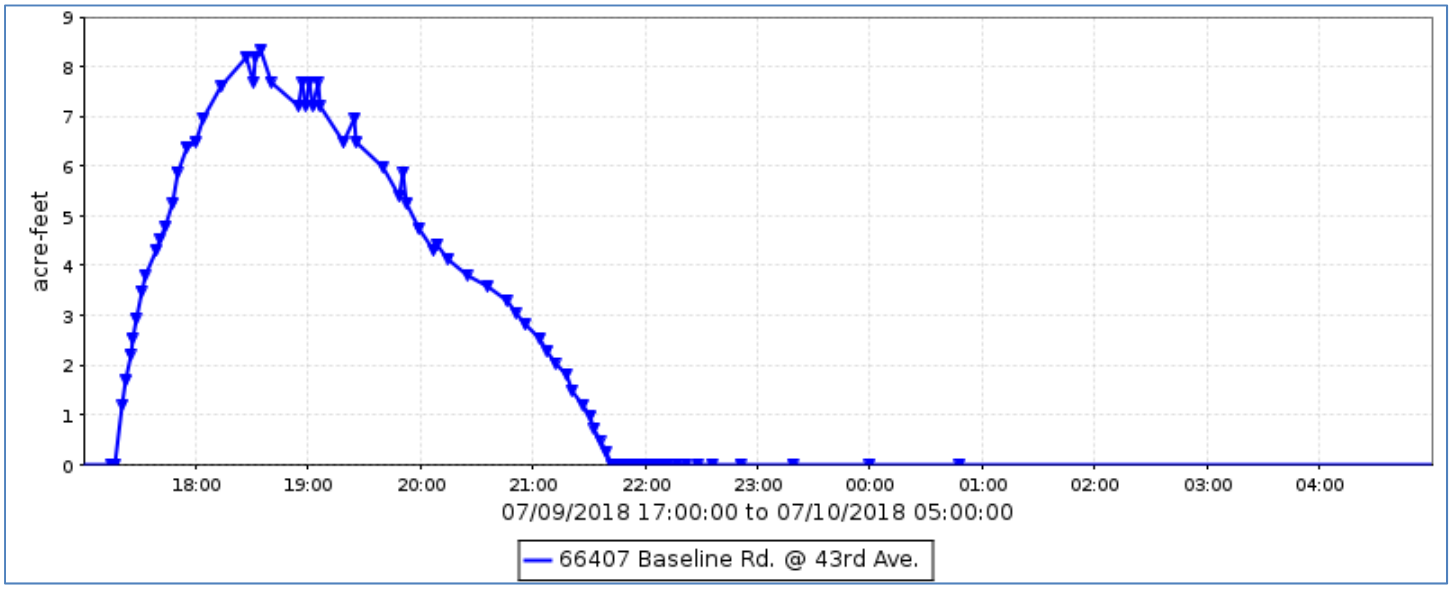




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
01/09/2018	0.71	0.0	0.00
02/14/2018	0.56	0.0	0.00
07/09/2018	4.77	8.3	18.4
08/11/2018	1.48	0.0	0.00

Hydrograph of peak WY 2018 impoundment event, 07/09/2018



Baseline Road at 43rd Avenue Basin, runoff data

Discharge, in fee, Water Year October 2017 to September 2018

Daily Mean Values

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

WTR YR 2018 TOTAL 0 MEAN 0 MAX --- MIN --- AC_FT 0

Baseline Road at 43rd Avenue Basin, volume data

Volume, in acre-feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9										1		
10												
11												
12												
13												
14												
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	8	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 2018 MEAN 0 MAX 8 MIN 0

Baseline Road at 43rd Avenue Basin, stage data

Depth, in feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
6	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
7	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
8	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
9	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.9	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	0.3	0.6	0.2
12	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
13	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
14	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
15	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
16	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
17	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
18	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
19	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
20	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
21	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
22	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
23	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
24	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
25	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
26	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
27	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
28	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
29	0.2	0.2	0.2	0.2	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2
30	0.2	0.2	0.2	0.2	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2
31	0.2	---	0.2	0.2	---	0.2	---	0.2	---	0.2	0.2	---
MEAN	0.2	0.2	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	0.7	0.6	0.2	0.2	0.2	0.2	4.8	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 2018 MEAN 0.20 MAX 4.77 MIN 0.20

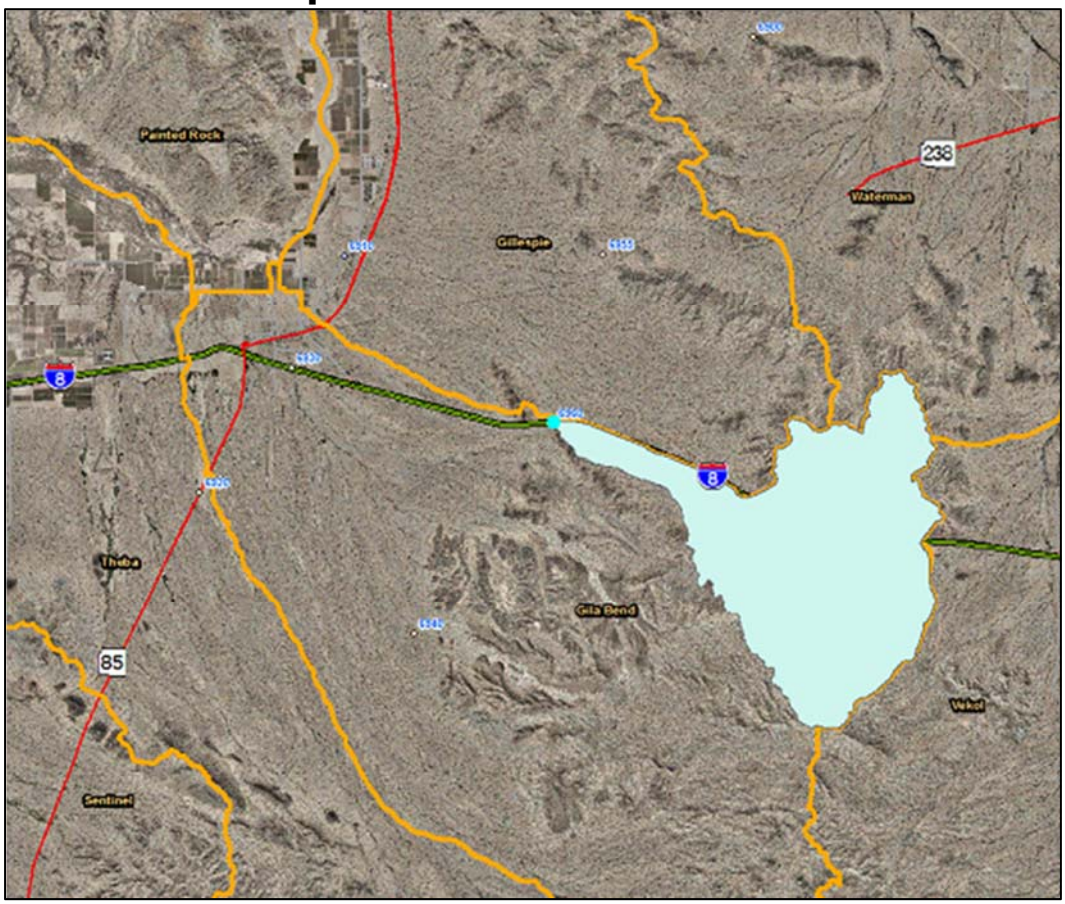
Bender Wash, ID #6963

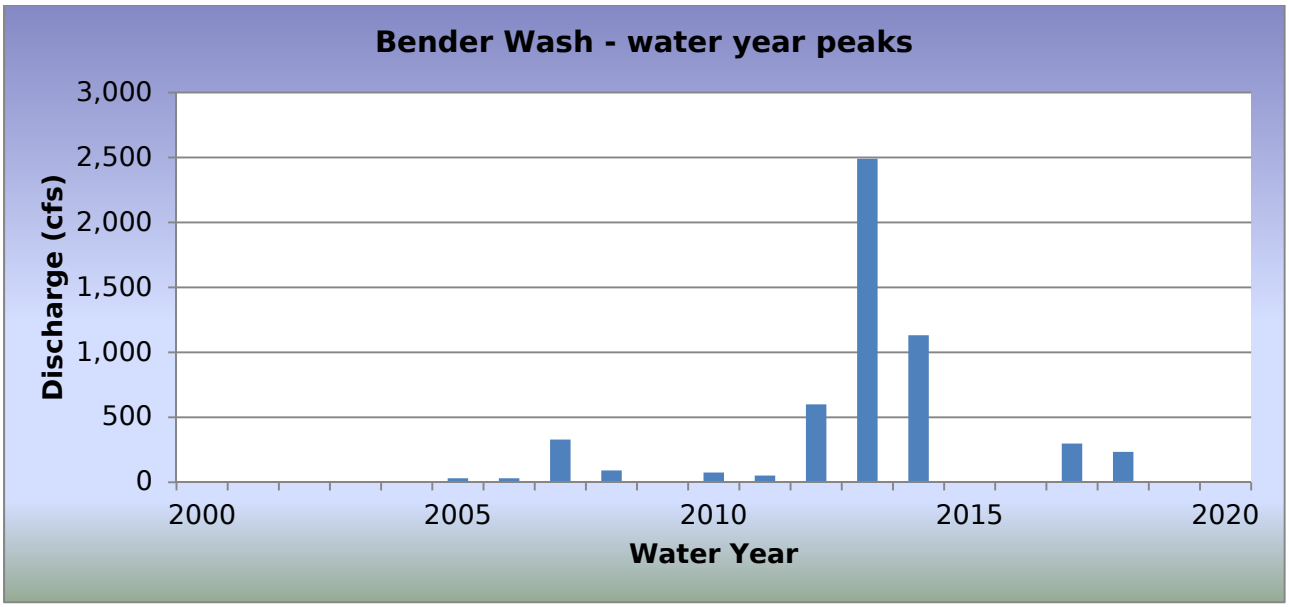


Site Data

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	14.39 Years | 5,255 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	1,200.21 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

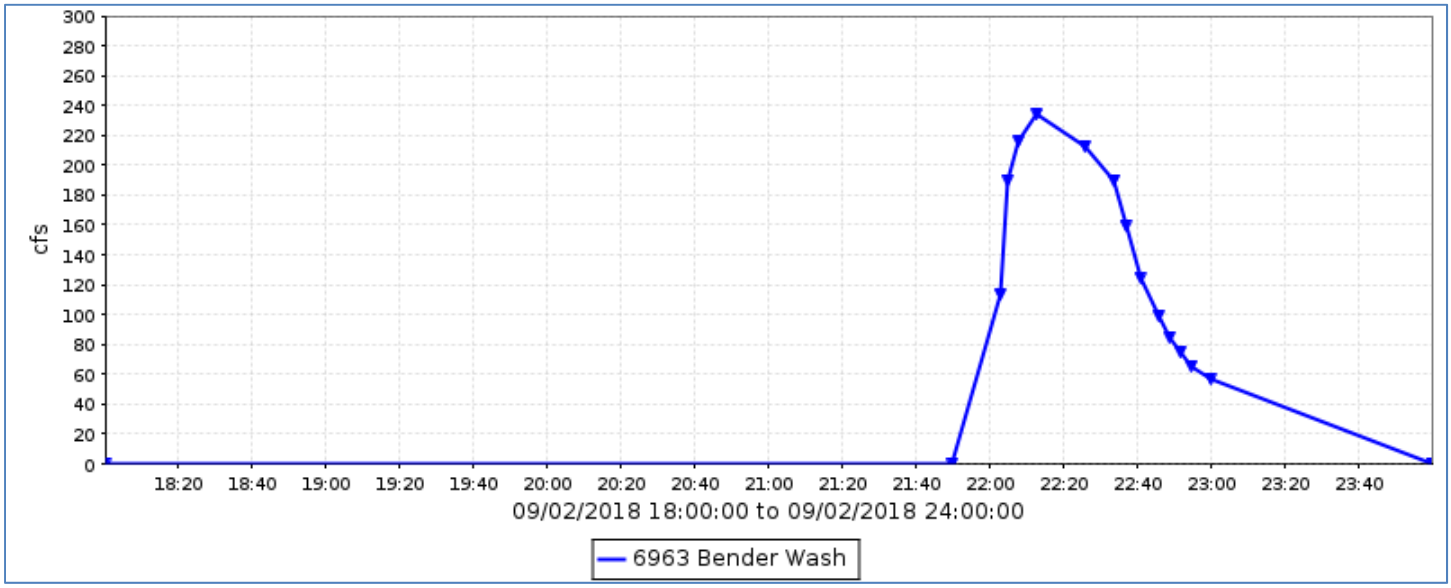




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
07/09/2018	1.42	68
09/02/2018	2.29	234

Hydrograph of peak WY 2018 flow event, 09/02/2018



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 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												9
3												
4												
5												
6												
7												
8												
9										2		
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	2	0	9
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	0	0	0	0	0	0	68	0	234
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	0	0	0	3	0	18

WTR YR 2018 TOTAL 10 MEAN 0 MAX 234 MIN 0 AC_FT 21

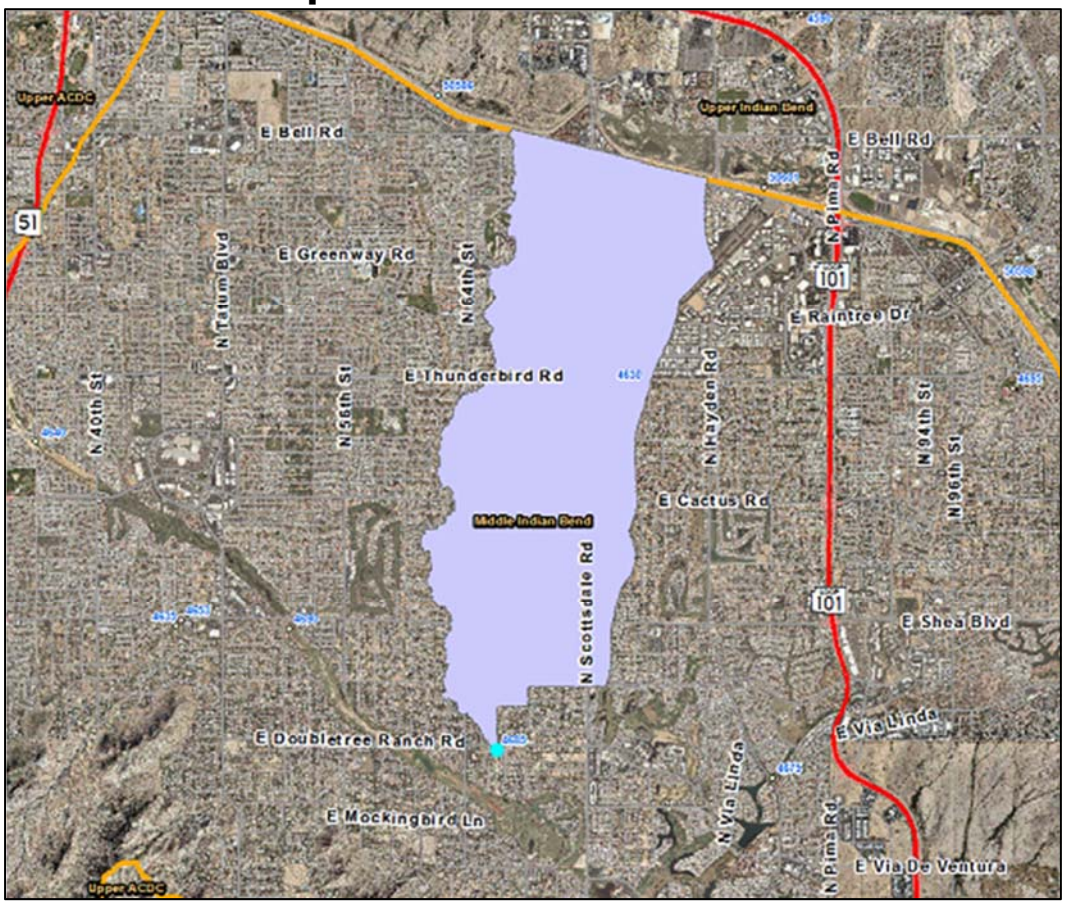
Berneil Wash, ID #4688

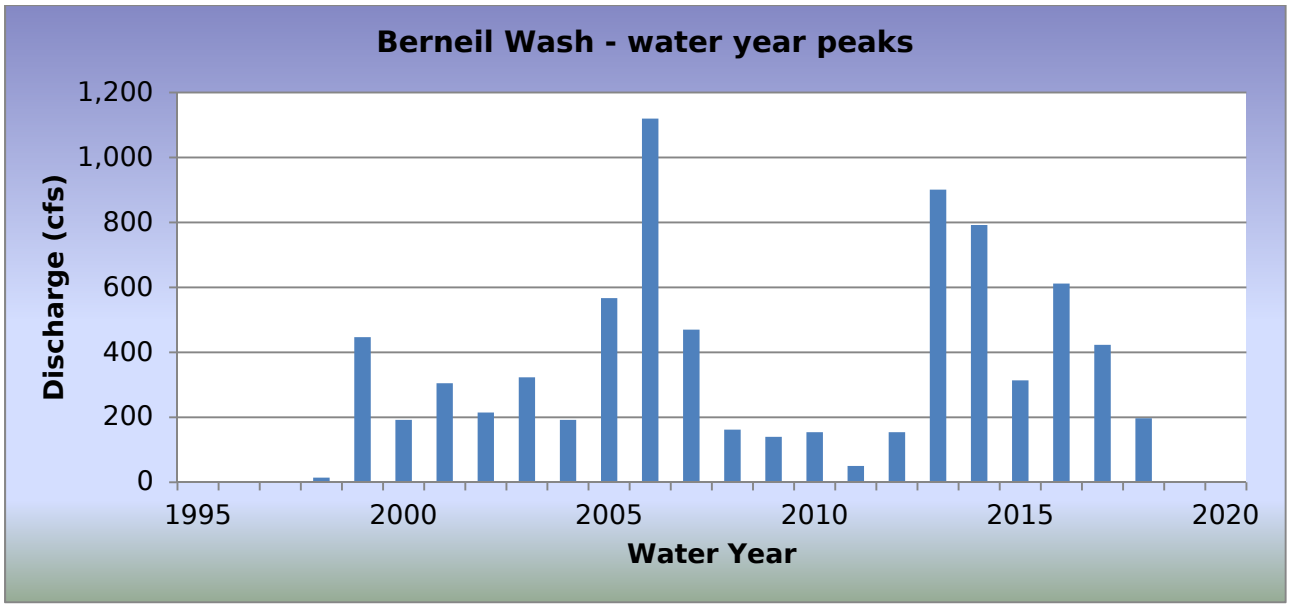


Site Data

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	20.17 Years | 7,368 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

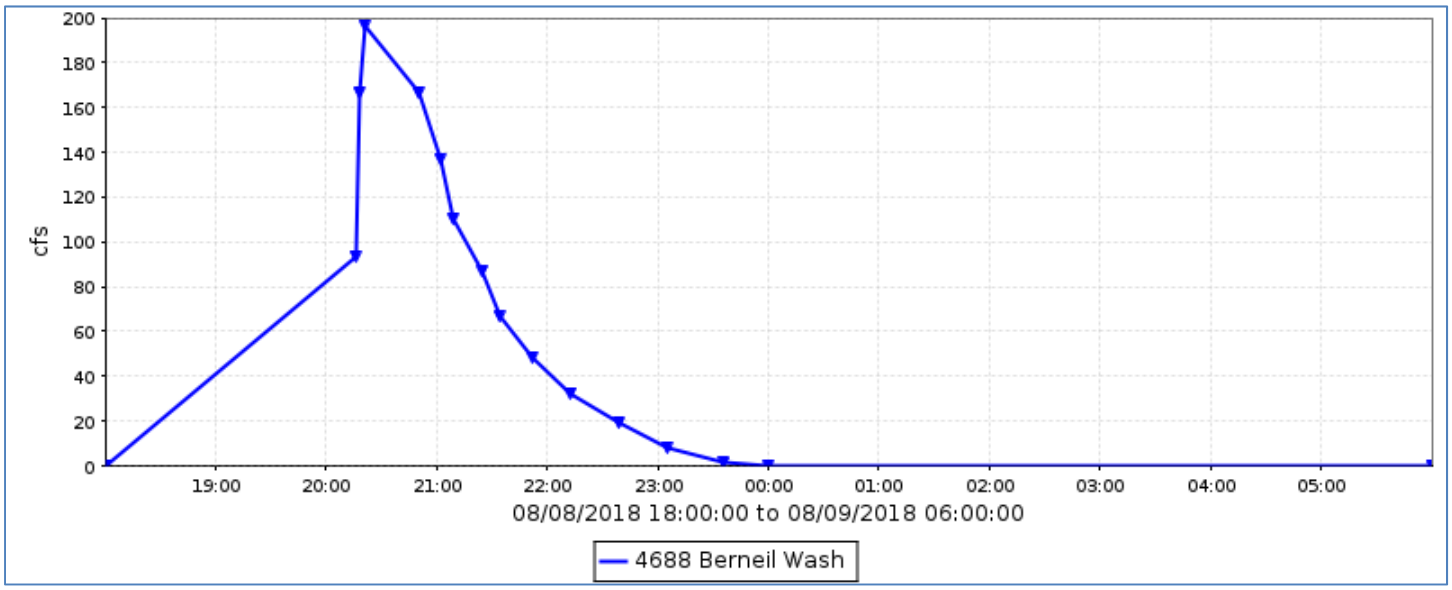




Berniel Wash, WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
01/09/2018	0.35	34
07/09/2018	0.64	87
07/11/2018	0.74	110
07/11/2018	0.77	118
08/08/2018	1.04	197
08/10/2018	0.47	54

Hydrograph of peak WY 2018 flow event, 08/08/2018



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**
299	**557**	**759**	**972**	**1,270**	**1,520**

Berneil Wash, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8											11	
9			---							3		
10				2							1	
11										11	3	
12										3		
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	2	0	0	0	0	0	16	15	0
MEAN	0	0	0	0	0	0	0	0	0	1	0	0
MAX	0	0	0	34	0	0	0	0	0	118	197	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	4	0	0	0	0	0	33	30	0

WTR YR 2018 TOTAL 34 MEAN 0 MAX 197 MIN 0 AC_FT 67

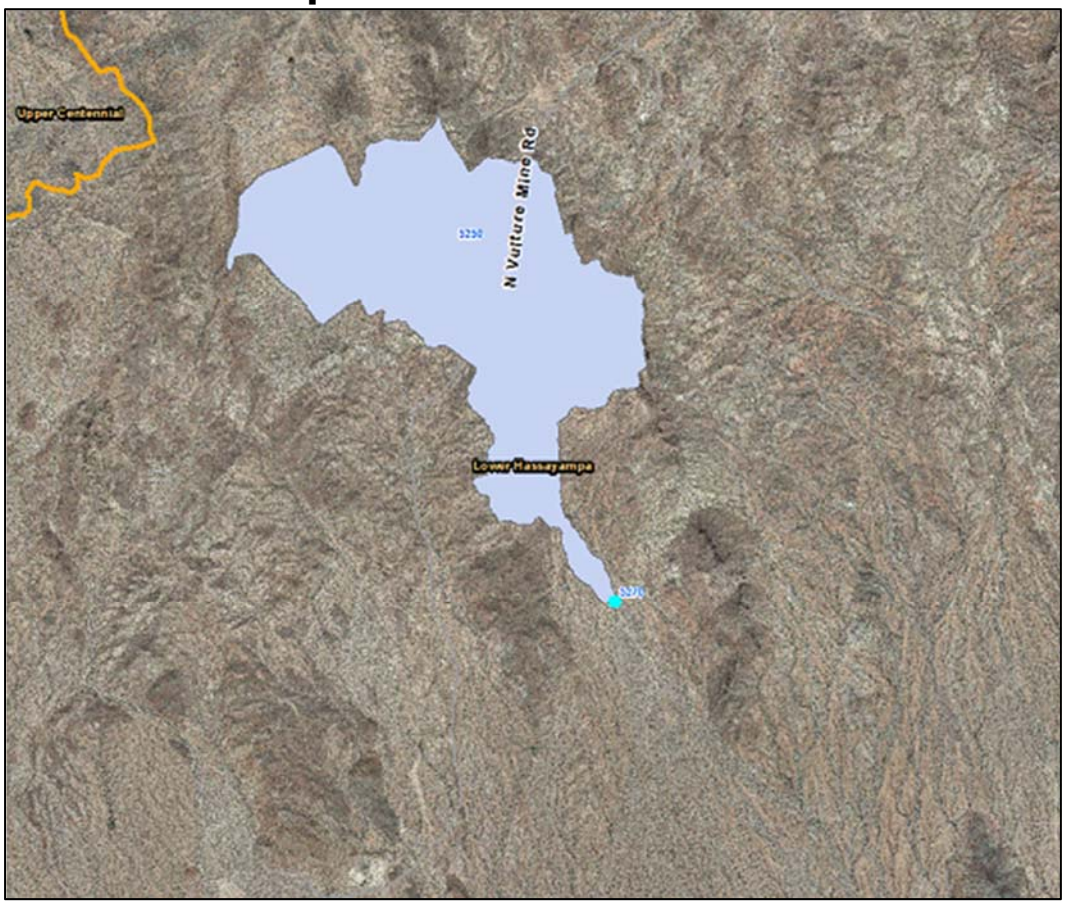
Box Wash, ID #5273

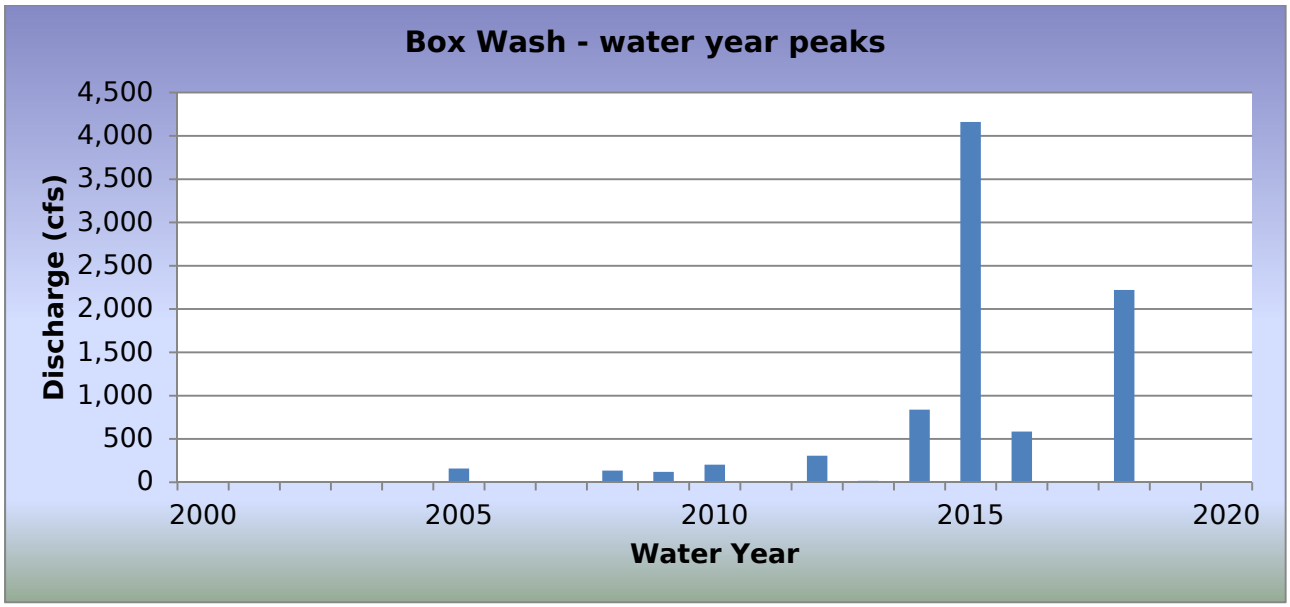


Site Data

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	15.56 Years | 5,683 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

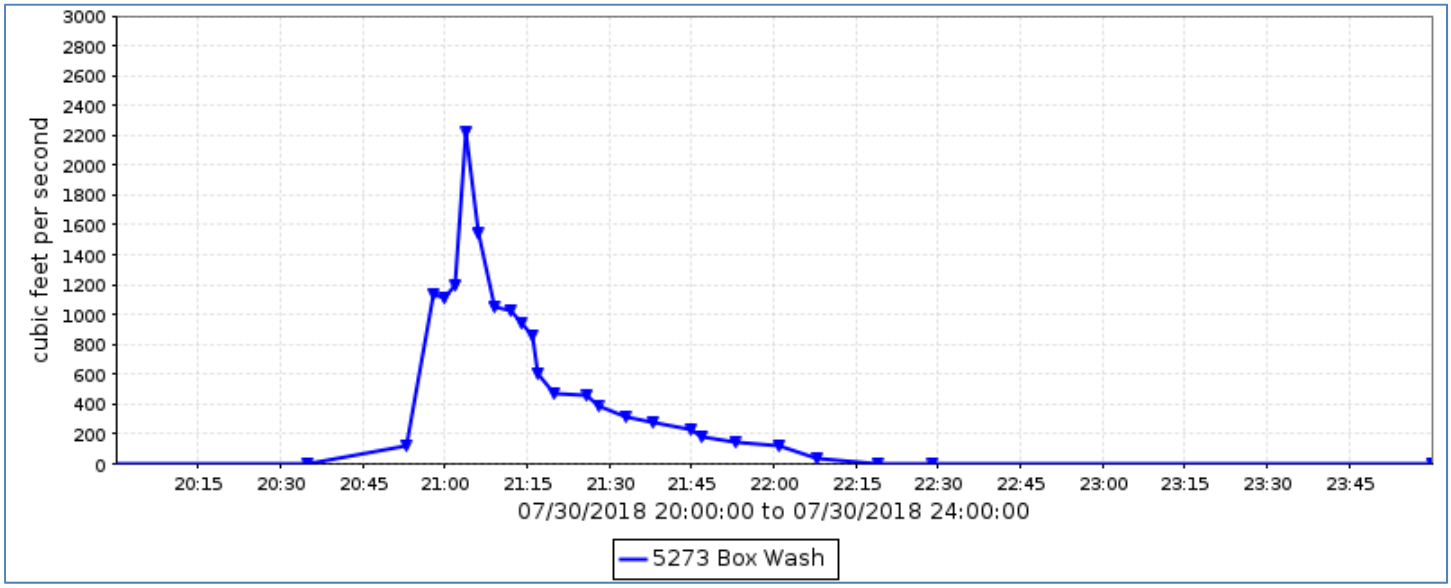




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
07/12/2018	1.15	274
07/14/2018	2.30	1,008
07/30/2018	3.52	2,220
08/17/2018	1.30	341
08/23/2018	1.05	234

Hydrograph of peak WY 2018 flow event, 07/30/2018



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**
51	**673**	**2,280**	**5,830**	**15,700**	**29,100**

NOTE: These results are based on very limited data.

Box Wash, runoff data

Discharge, in cub, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12										5		
13												
14										46		
15												
16												
17											8	
18								1				
19								9				
20	---											
21	---											
22	---											
23											3	
24												
25												
26												
27												
28												
29					---							
30					---					27		
31		---			---		---		---			---
TOTAL	0	0	0	0	0	0	0	10	0	50	11	0
MEAN	0	0	0	0	0	0	0	0	0	2	0	0
MAX	0	0	0	0	0	0	0	457	0	2220	341	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	0	19	0	99	21	0

WTR YR 2018 TOTAL 70 MEAN 0 MAX 2220 MIN 0 AC_FT 139

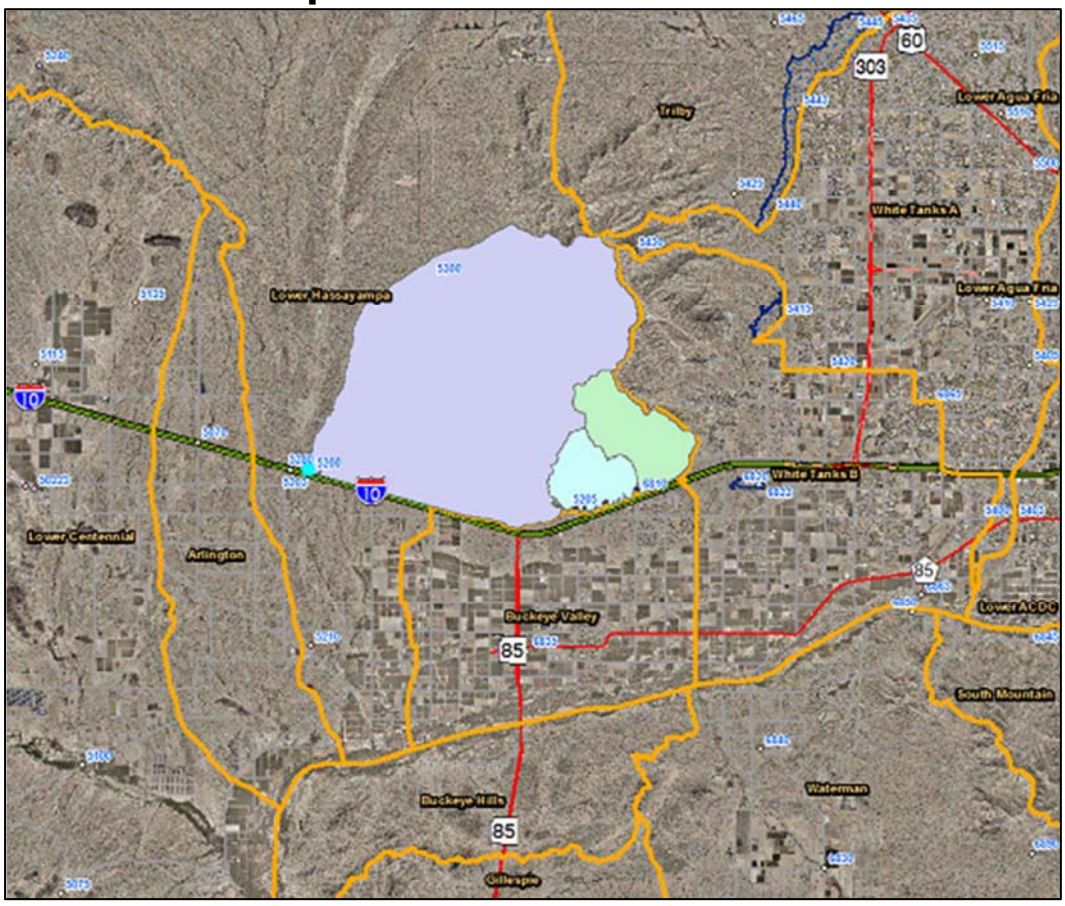
Buckeye FRS #1, ID #5203

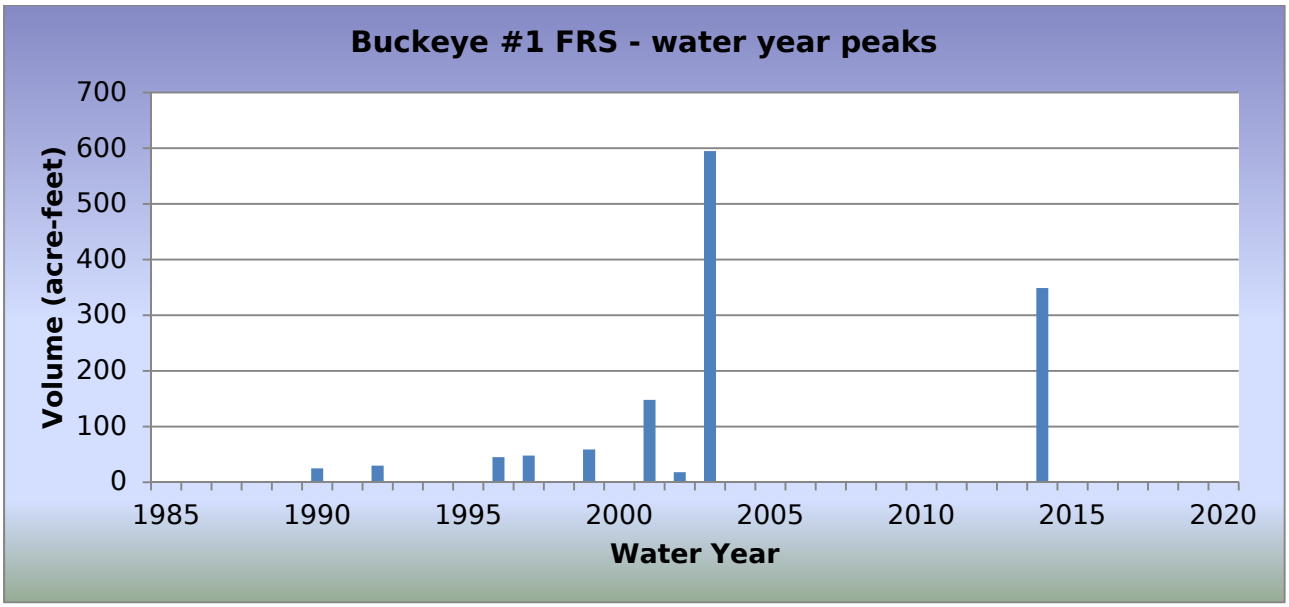


Site Data

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	30.86 Years | 11,270 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





WY2018 Events

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

Hydrograph of peak WY 2018 impoundment event

There was no impoundment recorded during Water Year 2018.

Buckeye FRS #1, runoff data

Discharge, in cubic feet per second, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												---
2												---
3												---
4												---
5												---
6												---
7												---
8												---
9												---
10												---
11												---
12												---
13												---
14		---										---
15		---										---
16												---
17												---
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
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 2018 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

Buckeye FRS #1, volume data

Volume, in acre-feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												---
2												---
3												---
4												---
5												---
6												---
7												---
8												---
9												---
10												---
11												---
12												---
13												---
14		---										---
15		---										---
16												---
17												---
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	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 2018 MEAN 0 MAX 0 MIN 0

Buckeye FRS #1, stage data

Depth, in feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	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	---
2	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	---
4	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	---
6	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	---
8	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	---
10	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	---
12	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	---
14	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	---
16	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	---
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 2018 MEAN 0.49 MAX 0.50 MIN 0.46

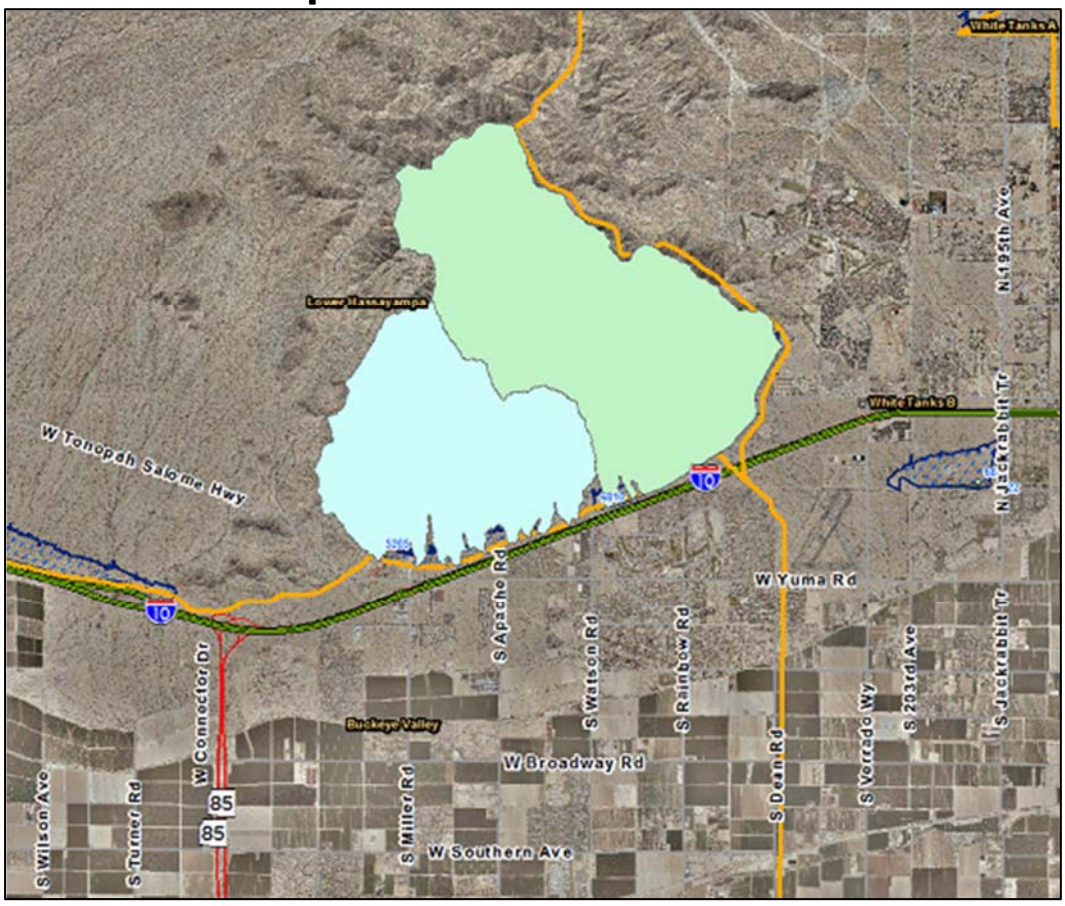
Buckeye FRS #2, ID #5208

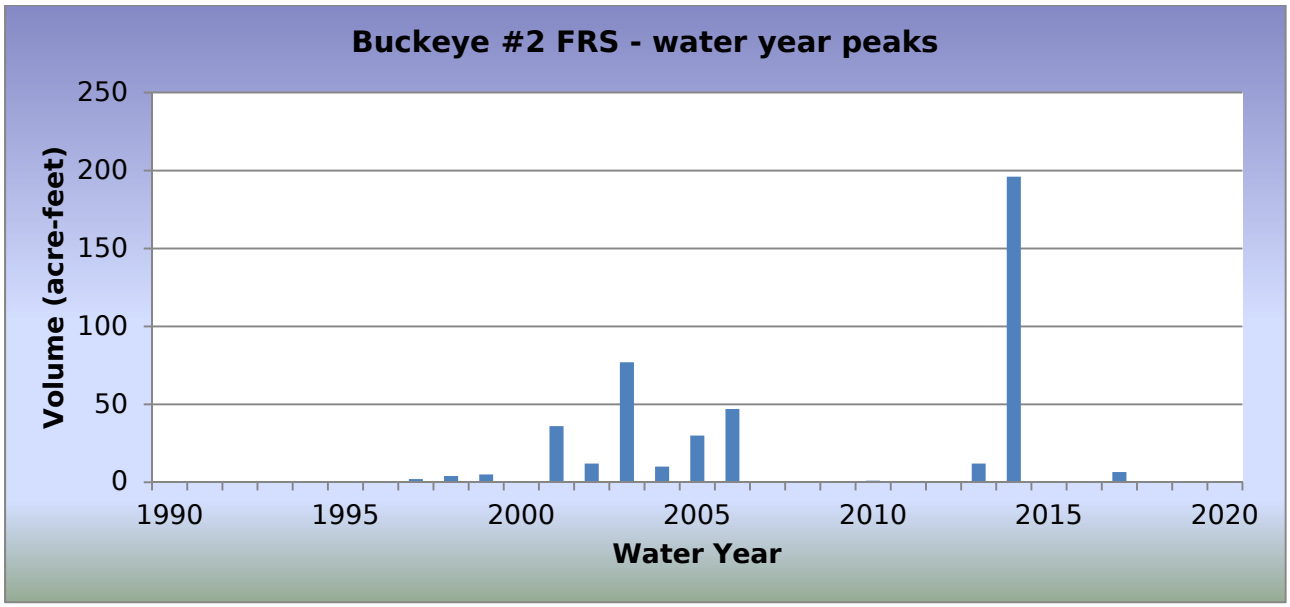


Site Data

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 Hassyampa
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	25.89 Years | 9,455 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





WY2018 Events

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

Hydrograph of peak WY 2018 impoundment event,

No impoundments recorded during Water Year 2018.

Buckeye FRS #2, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
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 2018 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

Buckeye FRS #2, volume data

Volume, in Acre-feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	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 2018 MEAN 0 MAX 0 MIN 0

Buckeye FRS #2, stage data

Depth, in feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4
2	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4
3	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4
4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4
5	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4
6	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4
7	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4
8	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-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	-1.4	-1.4	-1.4
25	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4
26	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4
27	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4
28	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4
29	-1.4	-1.4	-1.4	-1.4	---	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4
30	-1.4	-1.4	-1.4	-1.4	---	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4
31	-1.4	---	-1.4	-1.4	---	-1.4	---	-1.4	---	-1.4	-1.4	---
MEAN	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4
MAX	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-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 2018 MEAN -1.39 MAX -1.39 MIN -1.39

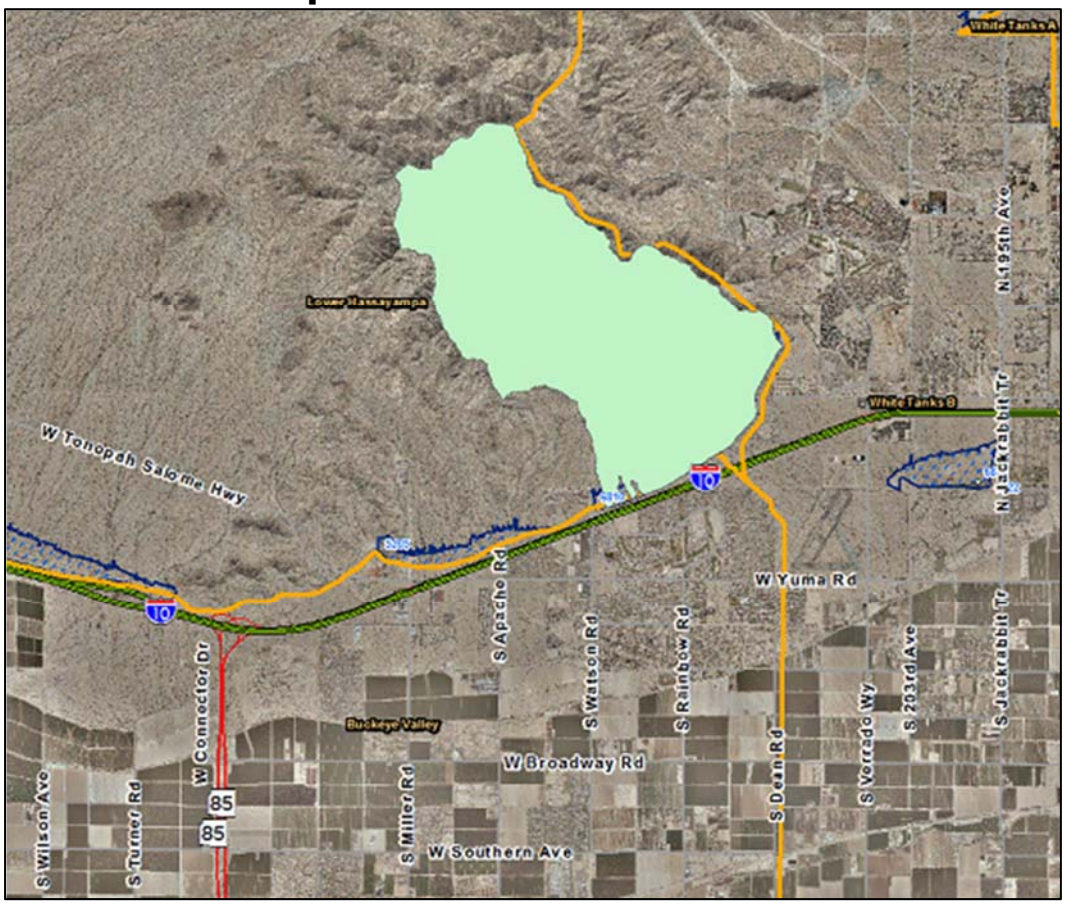
Buckeye FRS #3, ID #6813

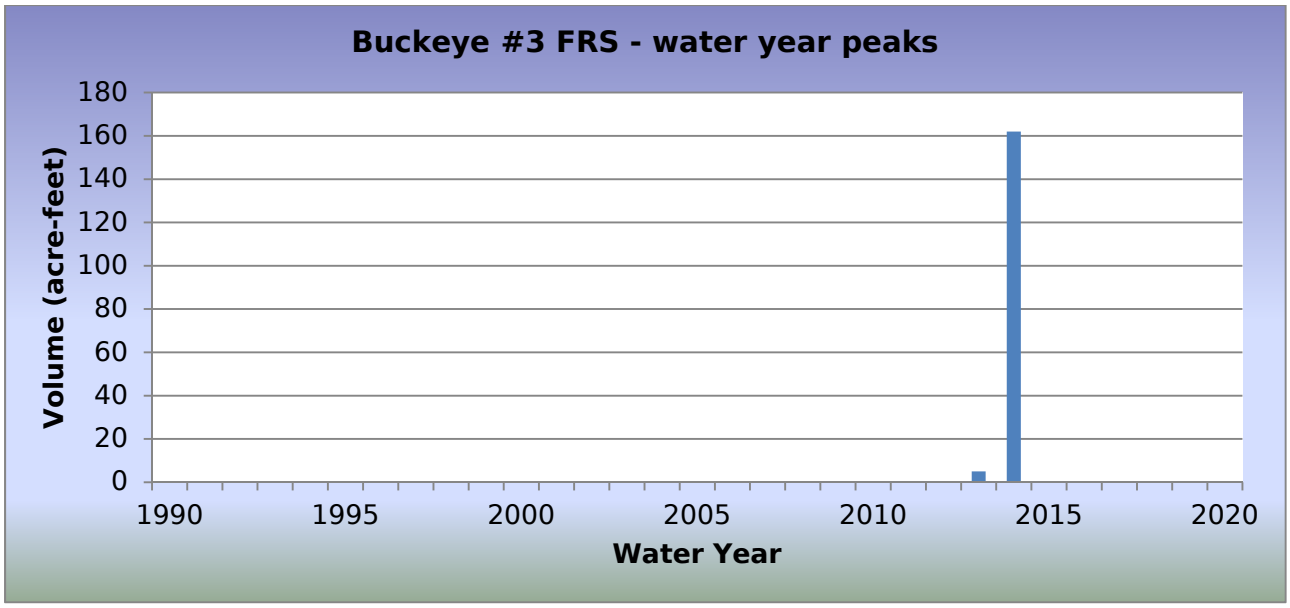


Site Data

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	25.85 Years | 9,443 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





WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
07/11/2018	-2.98	0.0	0.0

There were no impoundments recorded during Water Year 2018.

Buckeye FRS #3, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11										1		
12				---						1		
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	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	9	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 2018 TOTAL 1 MEAN 0 MAX 9 MIN 0 AC_FT 2

Buckeye FRS #3, volume data

Volume, in acre-feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12				---								
13				---								
14				---								
15				---								
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	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 2018 MEAN 0 MAX 0 MIN 0

Buckeye FRS #3, stage data

Depth, in feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	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	-4.0	-4.1	-4.1
12	-4.1	-4.1	-4.1	---	-4.1	-4.1	-4.1	-4.1	-4.1	-4.0	-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
14	-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
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	-4.0	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-3.0	-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 2018 MEAN -4.08 MAX -2.98 MIN -4.08

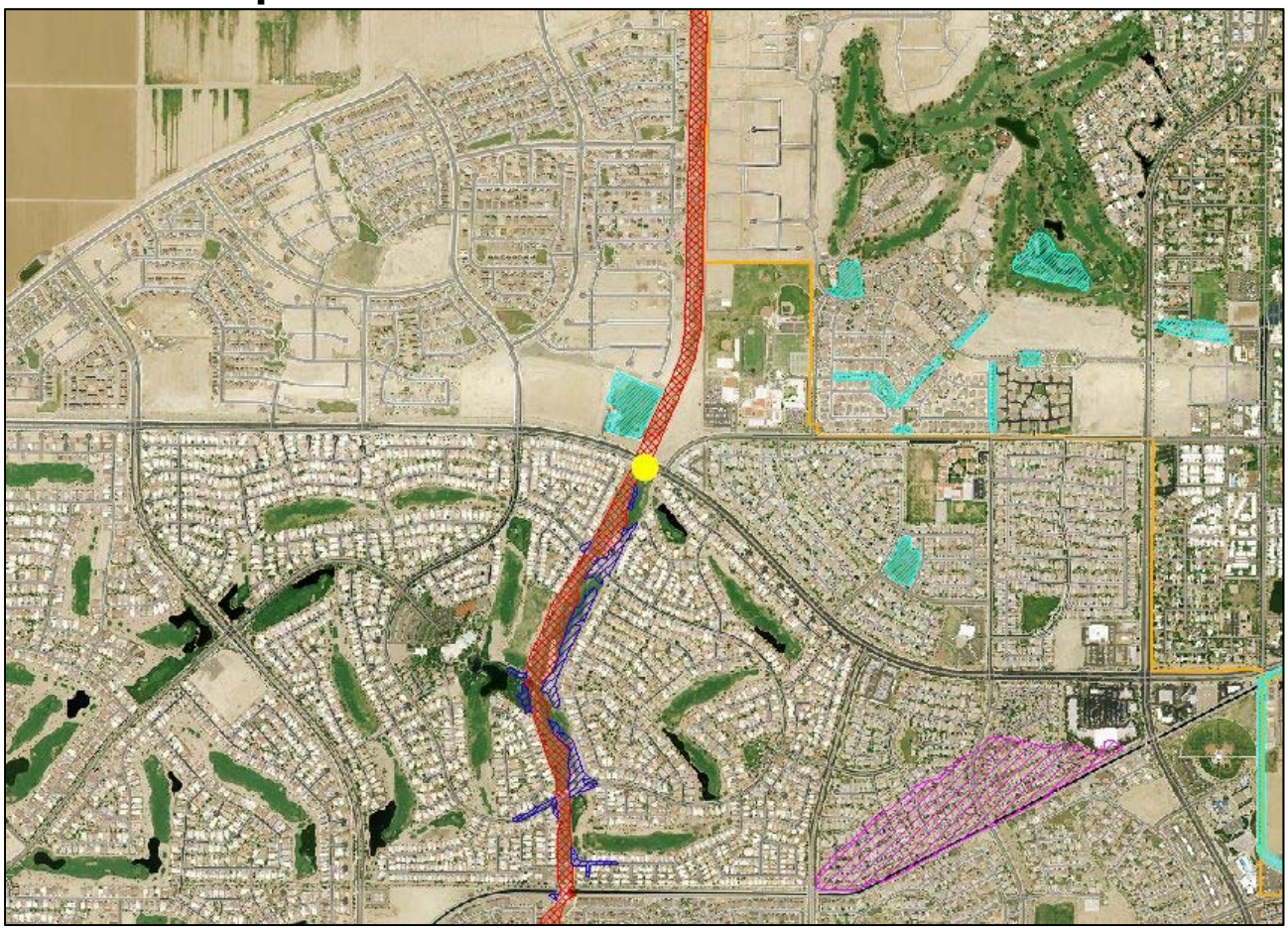
Bullard Wash at Indian School Road, ID #6868

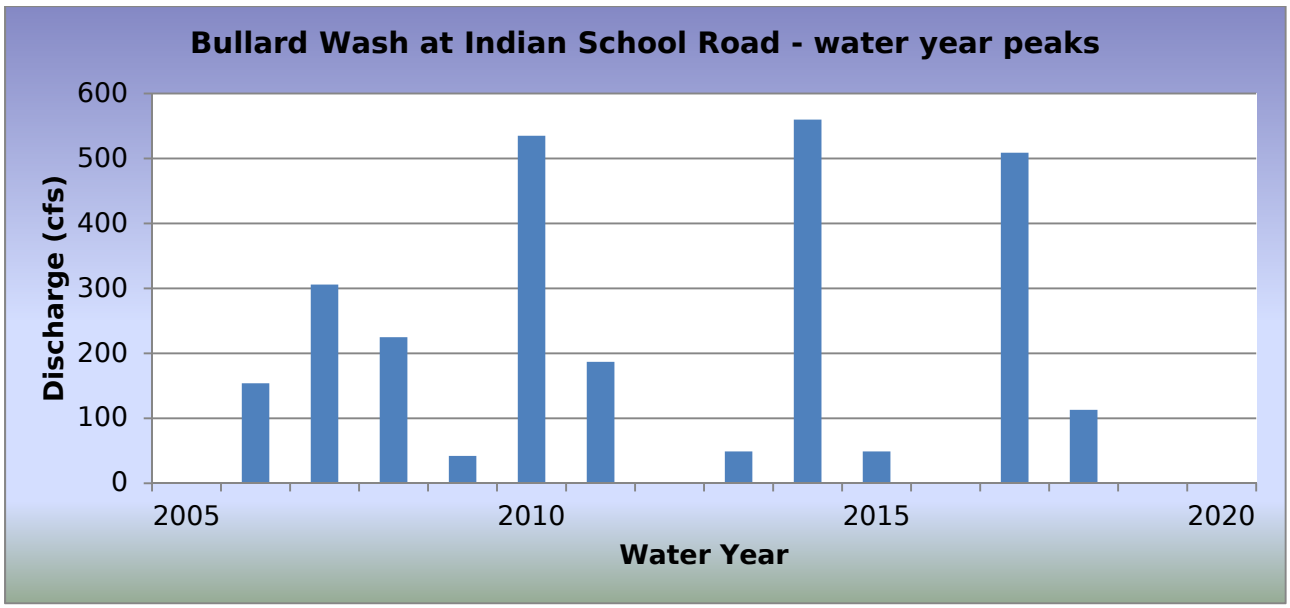


Site Data

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	12.26 Years | 4,479 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

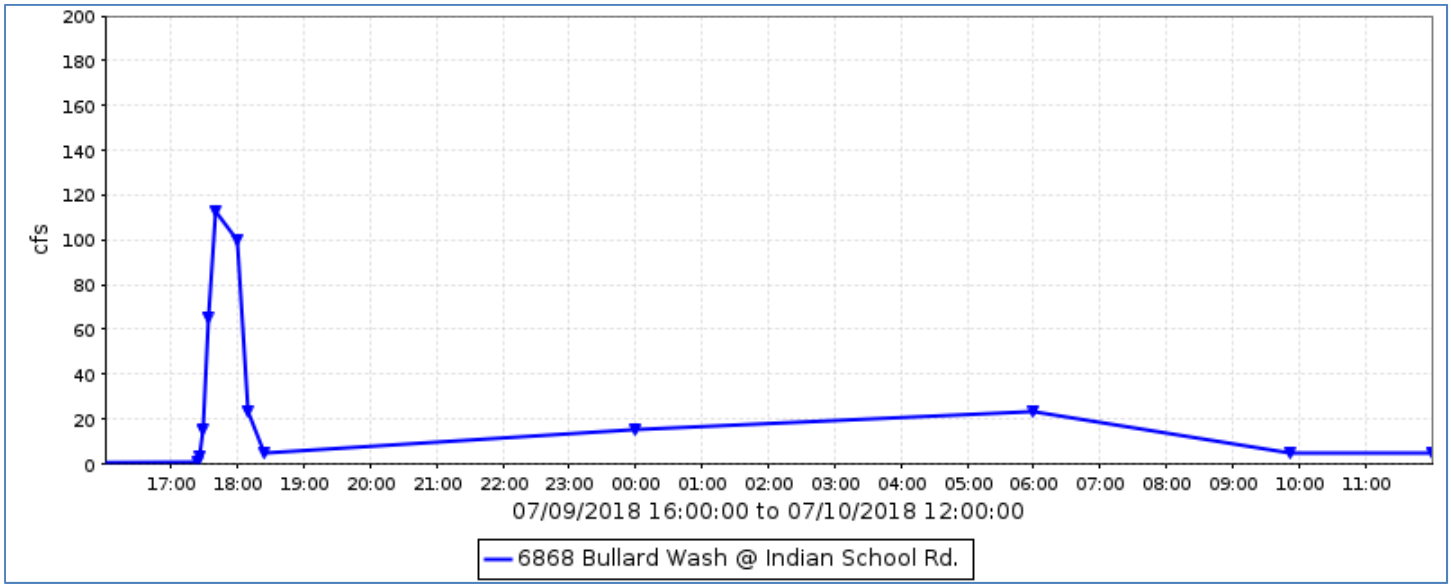




WY2018 Events

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 2018 flow event, 07/09/2018



Flood Flow Frequency

Flood Flow Frequency N=13, HEC-WRC computation (based on 13 years of data)					
2-year	**5-year**	**10-year**	**20-year**	**50-year**	**100-year**
110	**388**	**708**	**1,130**	**1,870**	**2,560**

Bullard Wash at Indian School Road, ID #6868

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8									---			
9									---	4		
10									---	9		
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	13	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	113	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	25	0	0

WTR YR 2018 TOTAL 13 MEAN 0 MAX 113 MIN 0 AC_FT 26

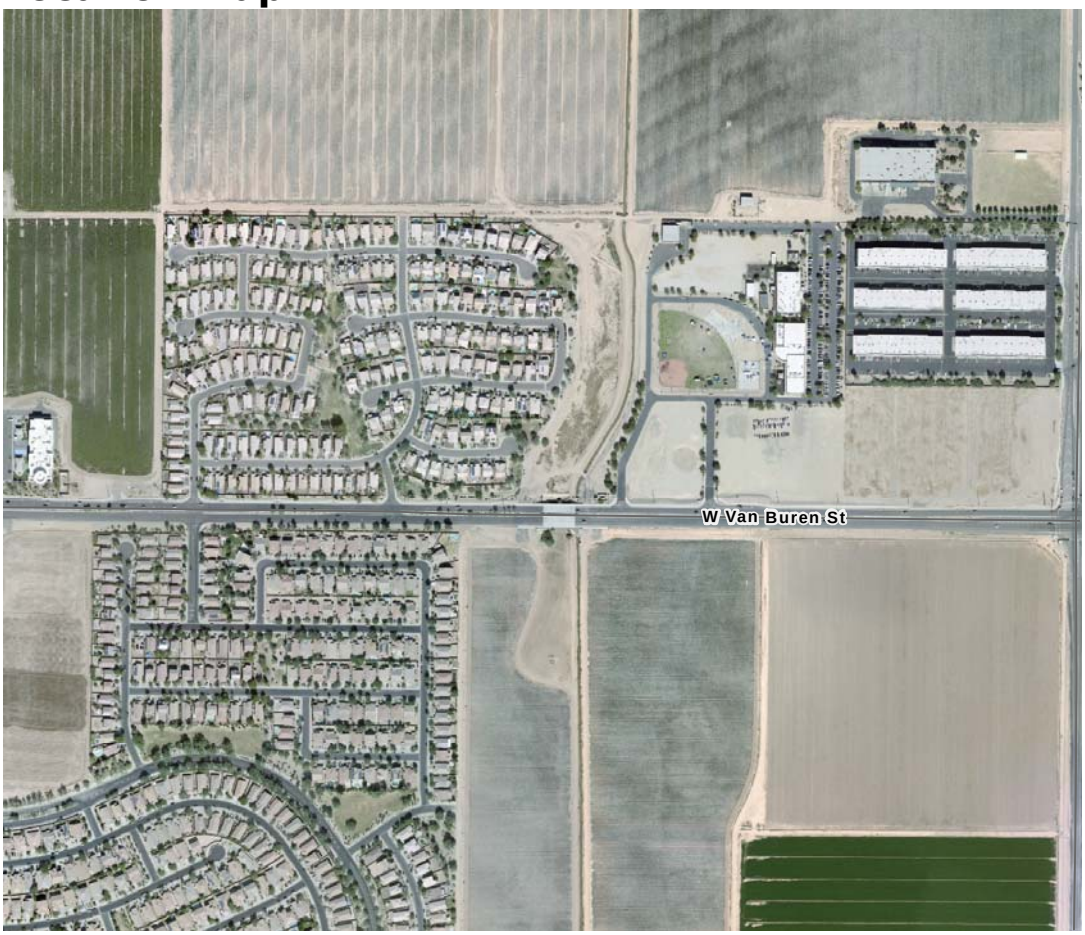
Bullard Wash at Van Buren Street, ID #89207

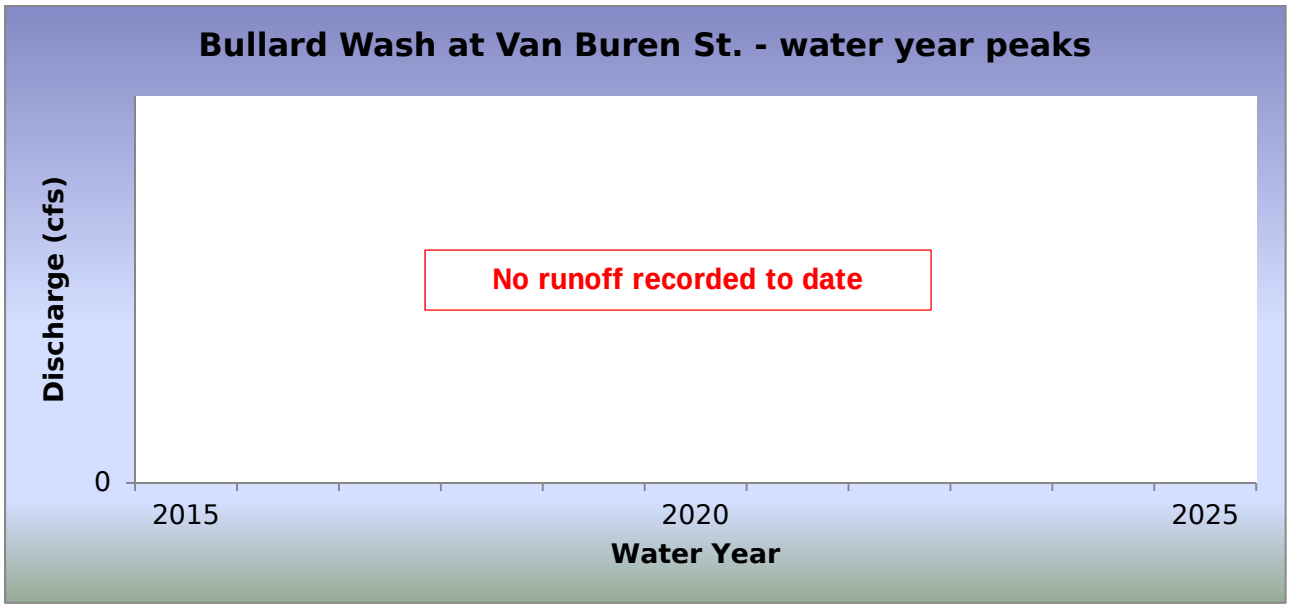


Site Data

LOCATION	Located on Bullard Wash at Van Buren St.
DRAINAGE AREA	88.3 mi^2
STREAM TYPE	Channelized natural stream
JURISDICTION	Goodyear, Arizona
WATERSHED	White Tanks B
SECTION/TOWNSHIP/RANGE	S05 T1N R1W
LATITUDE	N 33° 27' 0.4" | +33.4501
LONGITUDE	W 112° 22' 58.0" | -112.38279
STREAMGAGE INSTALLATION DATE	12/13/2017 - WY 2018
AVAILABLE PERIOD OF RECORD (POR)	12/13/2017 - Current
LENGTH OF AVAILABLE POR DATA	0.80 Years | 292 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.40 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	973.55 feet NAVD88
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	None recorded to date

Location Map





WY2018 Events

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

Hydrograph of peak WY 2018 flow event,

No runoff recorded during Water Year 2018.

Flood Flow Frequency

There are not enough data to compute Flood Frequency.

Bullard Wash at Van Buren Street, ID #89207

Discharge, in cub, Water Year October 2017 to September 2018

Daily Mean Values

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

WTR YR 2018 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

Bullard Wash at Gila River, ID #6863

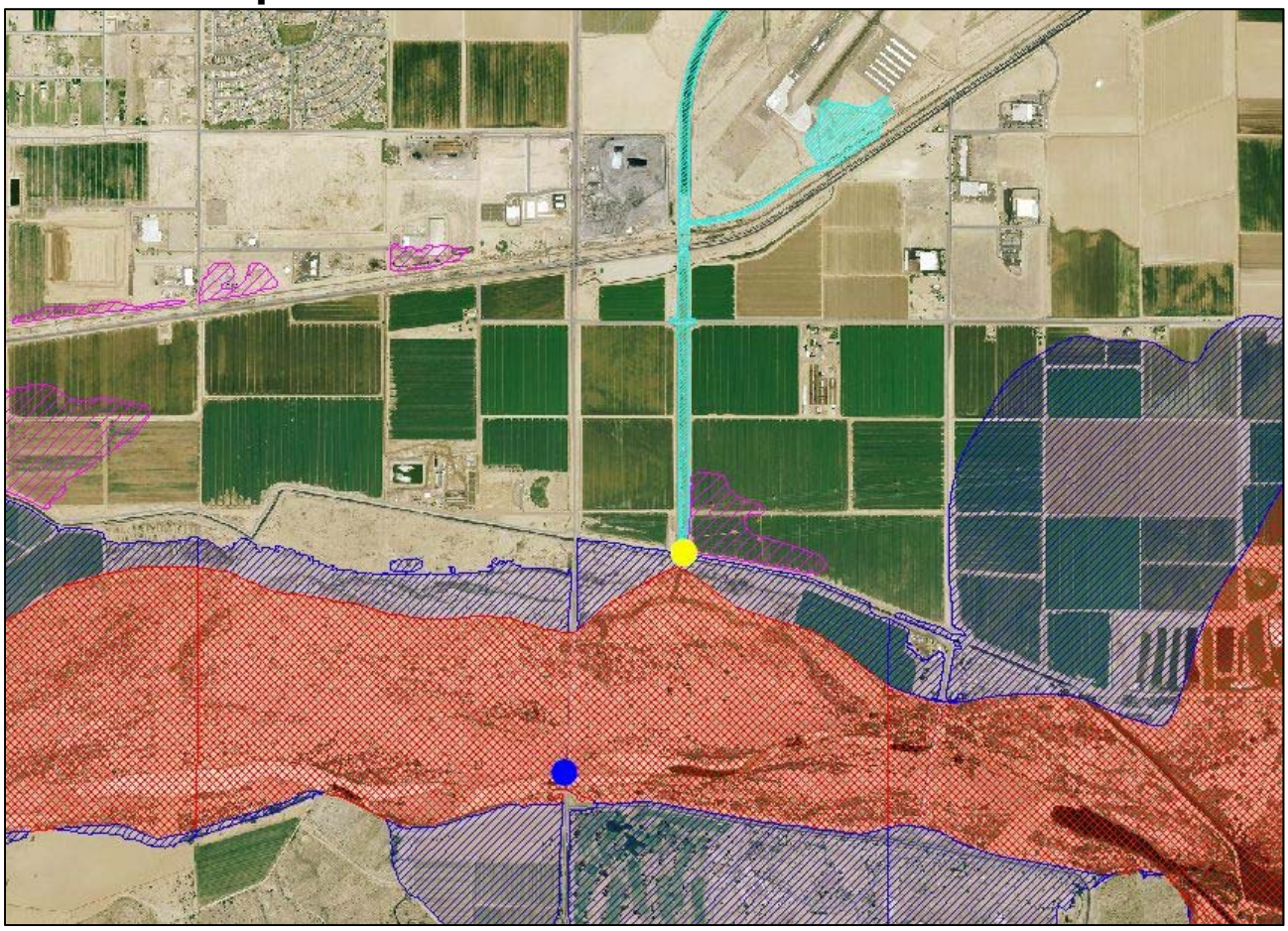


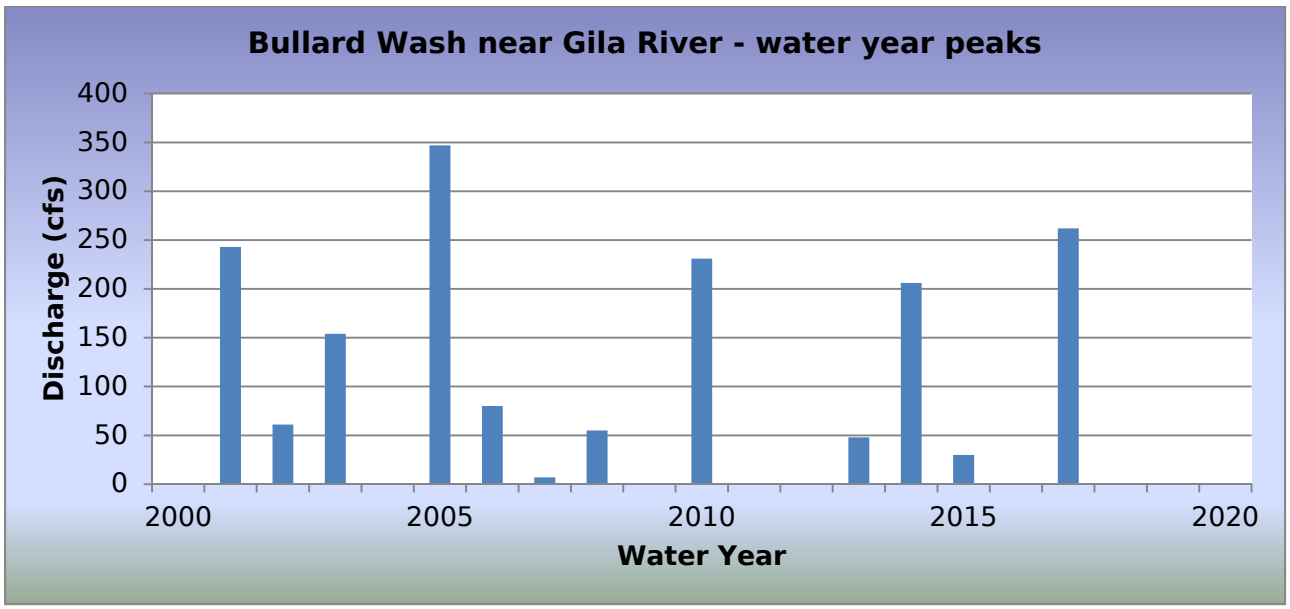
Site Data

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 – 12/12/2017
LENGTH OF AVAILABLE POR DATA	17.70 Years | 6,466 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

NOTE: This station was permanently removed from service on December 13, 2017.

Location Map





WY2018 Events

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

Hydrograph of peak WY 2018 flow event,

There was no runoff recorded during the avaialbel period of record for this gage prior to its removal from service.

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 2017 to September 2018

Daily Mean Values

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

WTR YR 2018 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

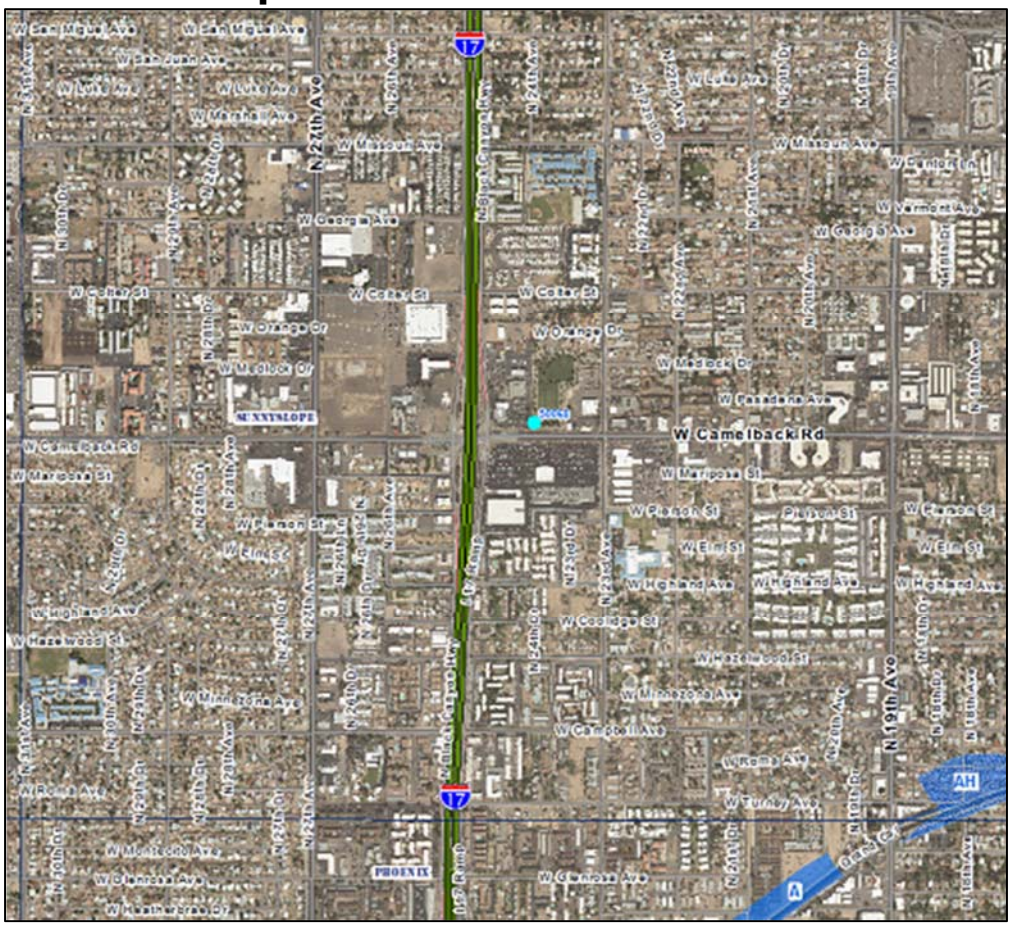
Camelback Road at 24th Avenue Basin, ID #6807

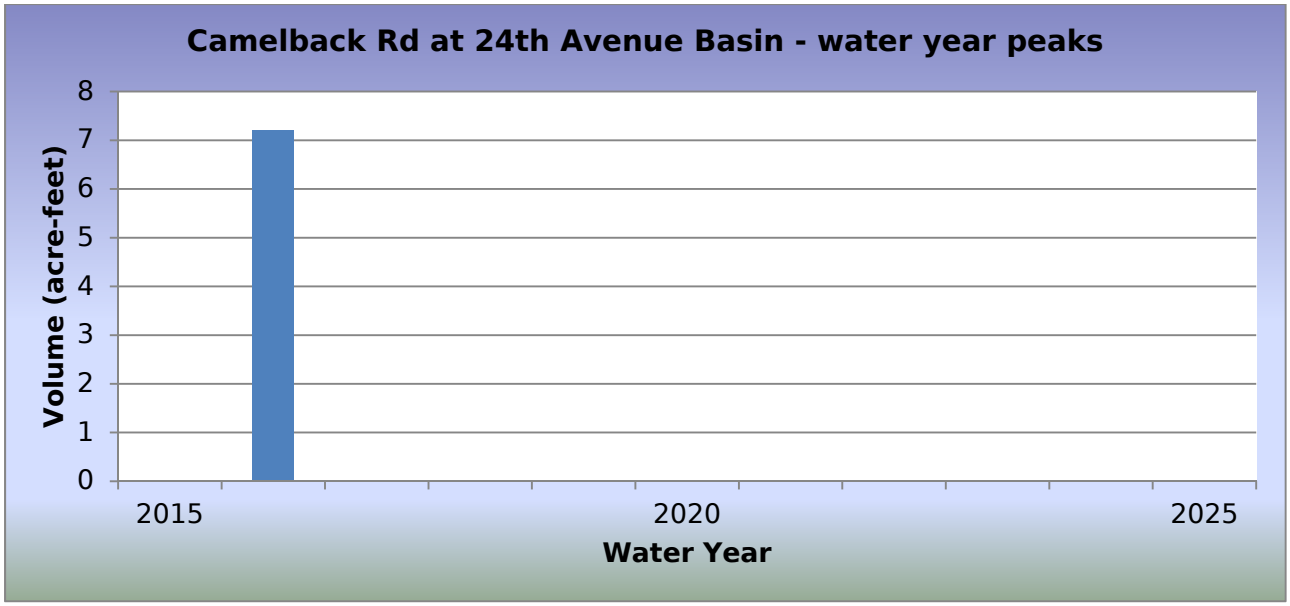


Site Data

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	3.00 Years | 1,096 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





WY2018 Events

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

Hydrograph of peak WY 2018 impoundment event

No impoundments were recorded during Water Year 2018.

Camelback Road at 24th Avenue Basin, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
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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 2018 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 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	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 2018 MEAN 0 MAX 0 MIN 0

Camelback Road at 24th Avenue Basin, stage data

Depth, in feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	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 2018 MEAN 0.50 MAX 0.50 MIN 0.50

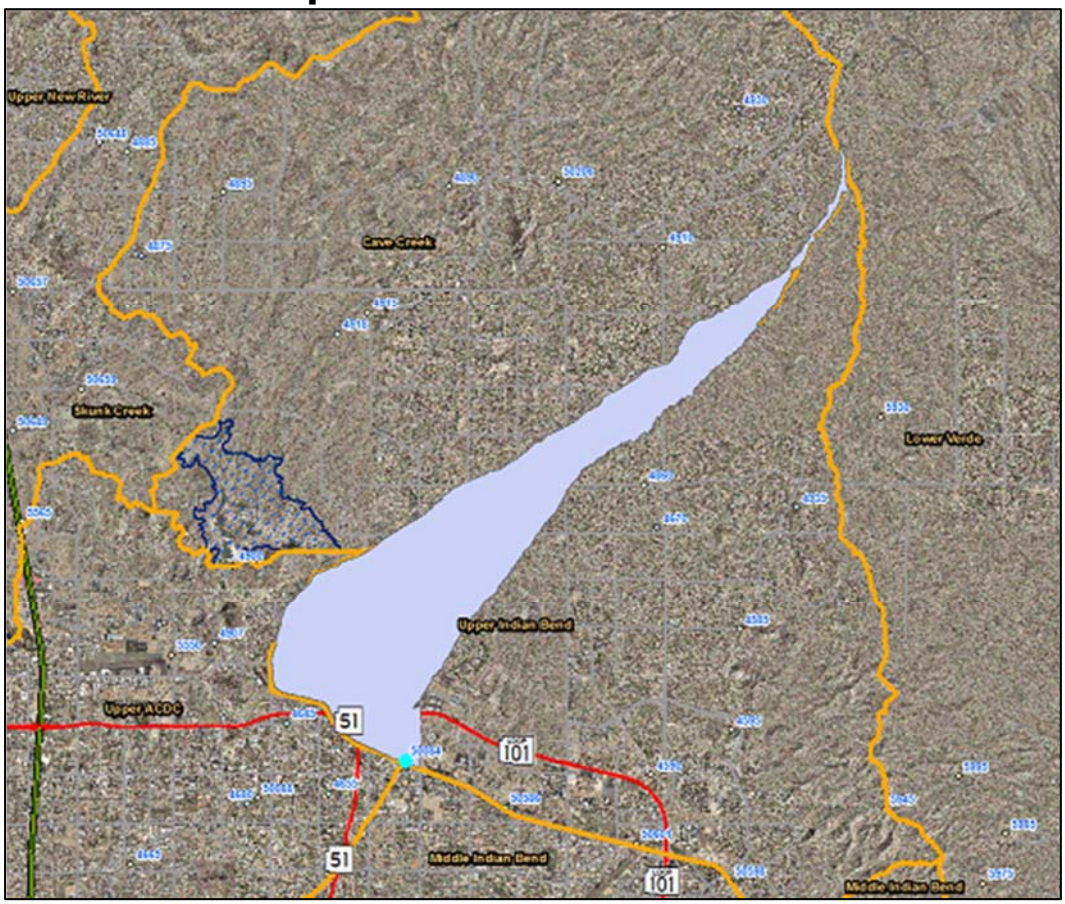
CAP Reach #11 Dike #1, ID #8407

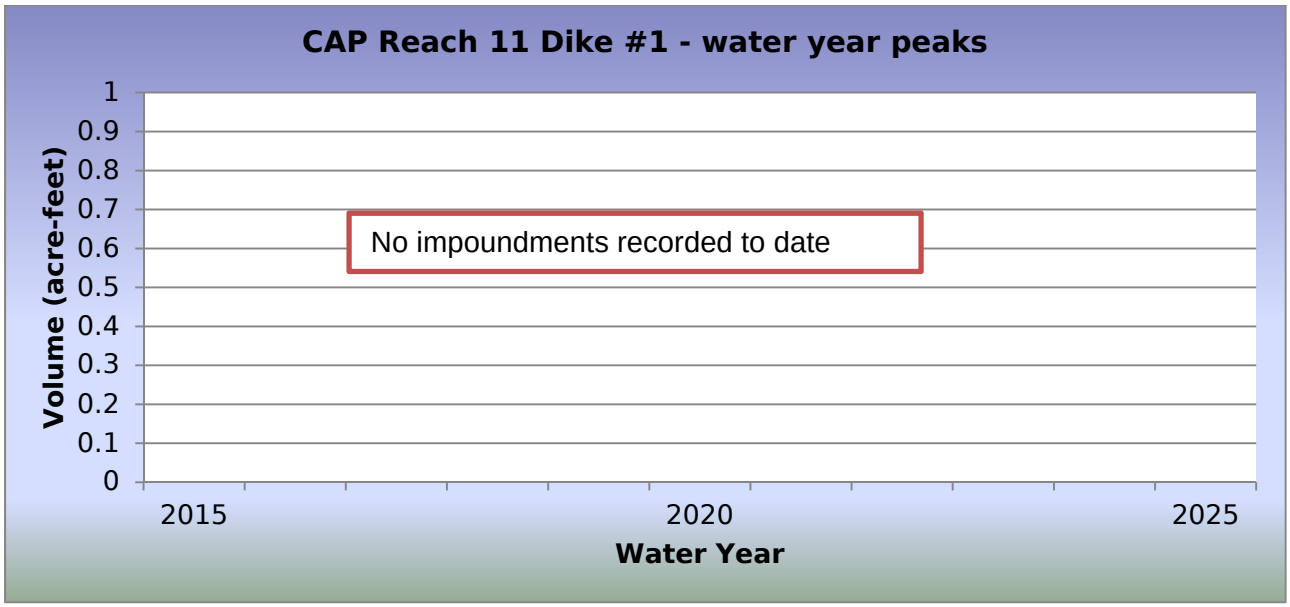


Site Data

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	2.20 Years | 804 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





WY2018 Events

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

Hydrograph of peak WY 2018 impoundment event

No impoundments were recorded during Water Year 2018.

CAP Reach 11 Dike #1, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4					---							
5												
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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 2018 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

CAP Reach 11 Dike #1, volume data

Volume, in acre-feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4					---							
5												
6												
7												
8												
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11												
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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 2018 MEAN 0 MAX 14 MIN 0

CAP Reach 11 Dike #1, stage data

Depth, in feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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 2018 MEAN 0.00 MAX 0.10 MIN 0.00

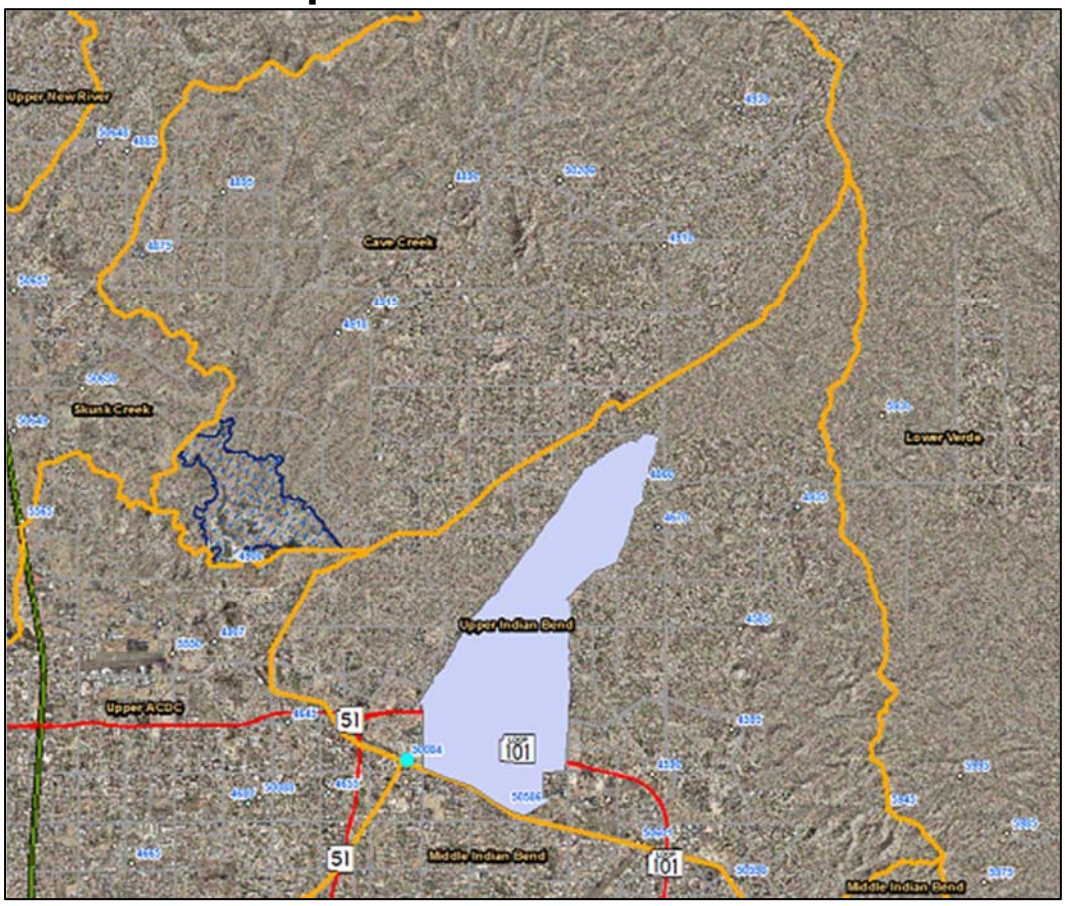
CAP Reach #11, Dike #2, ID #58607

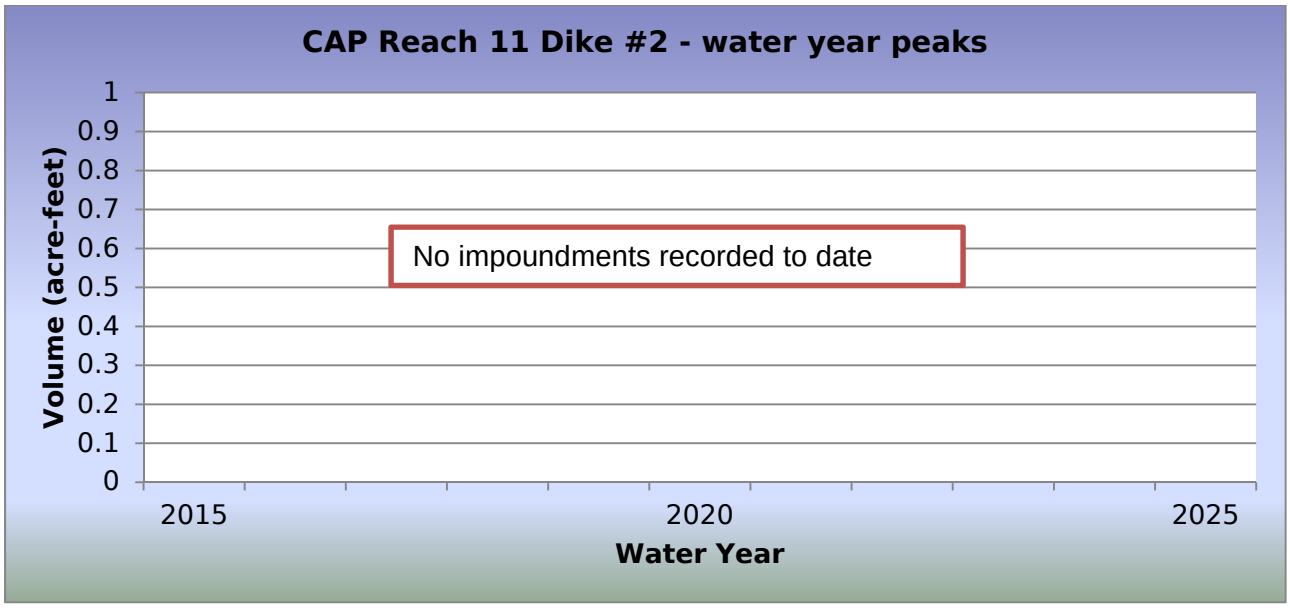


Site Data

LOCATION	Near the 60th 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	2.20 Years | 804 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





WY2018 Events

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

Hydrograph of peak WY 2018 impoundment event

No impoundments were recorded during Water Year 2018.

CAP Reach 11 Dike #2, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10											---	
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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 2018 TOTAL 0 MEAN 0 MAX 2 MIN 0 AC_FT 0

CAP Reach 11 Dike #2, volume data

Volume, in acre-feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	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												
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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 2018 MEAN 0 MAX 435 MIN 0

CAP Reach 11 Dike #2, stage data

Depth, in feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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 2018 MEAN 0.00 MAX 0.15 MIN 0.00

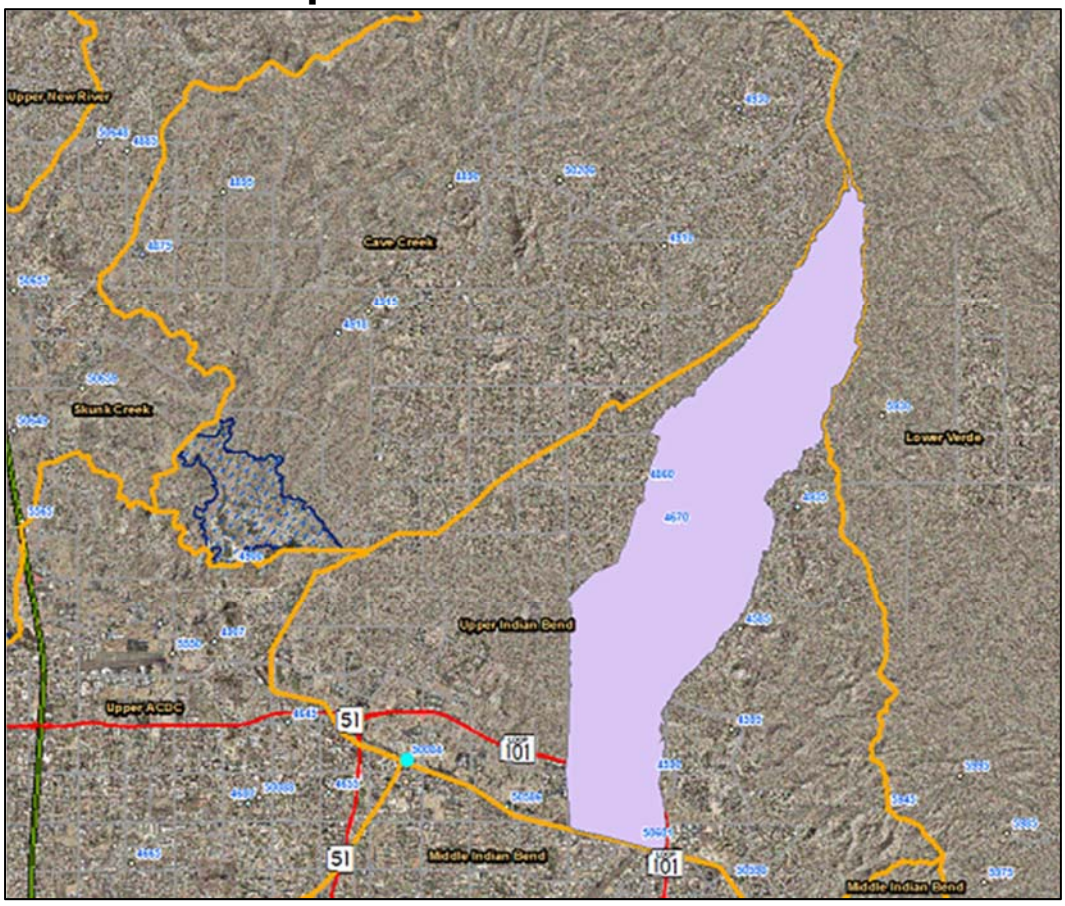
CAP Reach #11, Dike #3, ID #60107

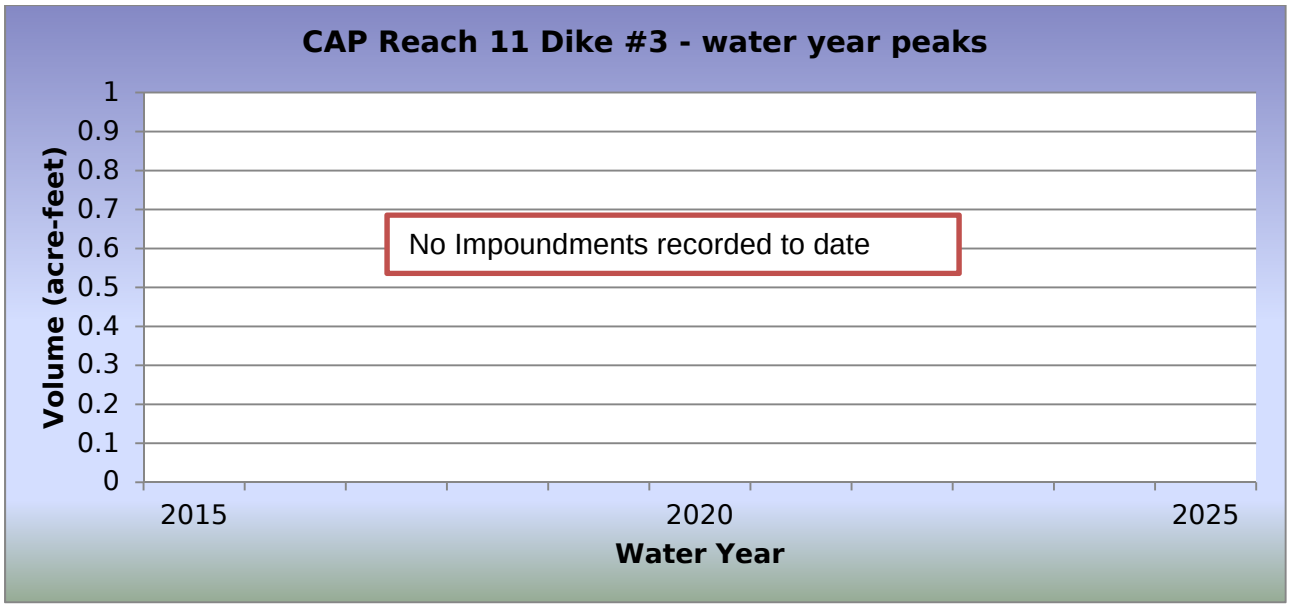


Site Data

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	2.20 Years | 804 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





WY2018 Events

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

Hydrograph of peak WY 2018 impoundment event

No impoundments were recorded during Water Year 2018.

CAP Reach 11 Dike #3, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
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11												
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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 2018 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

CAP Reach 11 Dike #3, volume data

Volume, in acre-feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
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17												---
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19												
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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 2018 MEAN 0 MAX 0 MIN 0

CAP Reach 11 Dike #3, stage data

Depth, in feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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 2018 MEAN 0.00 MAX 0.00 MIN 0.00

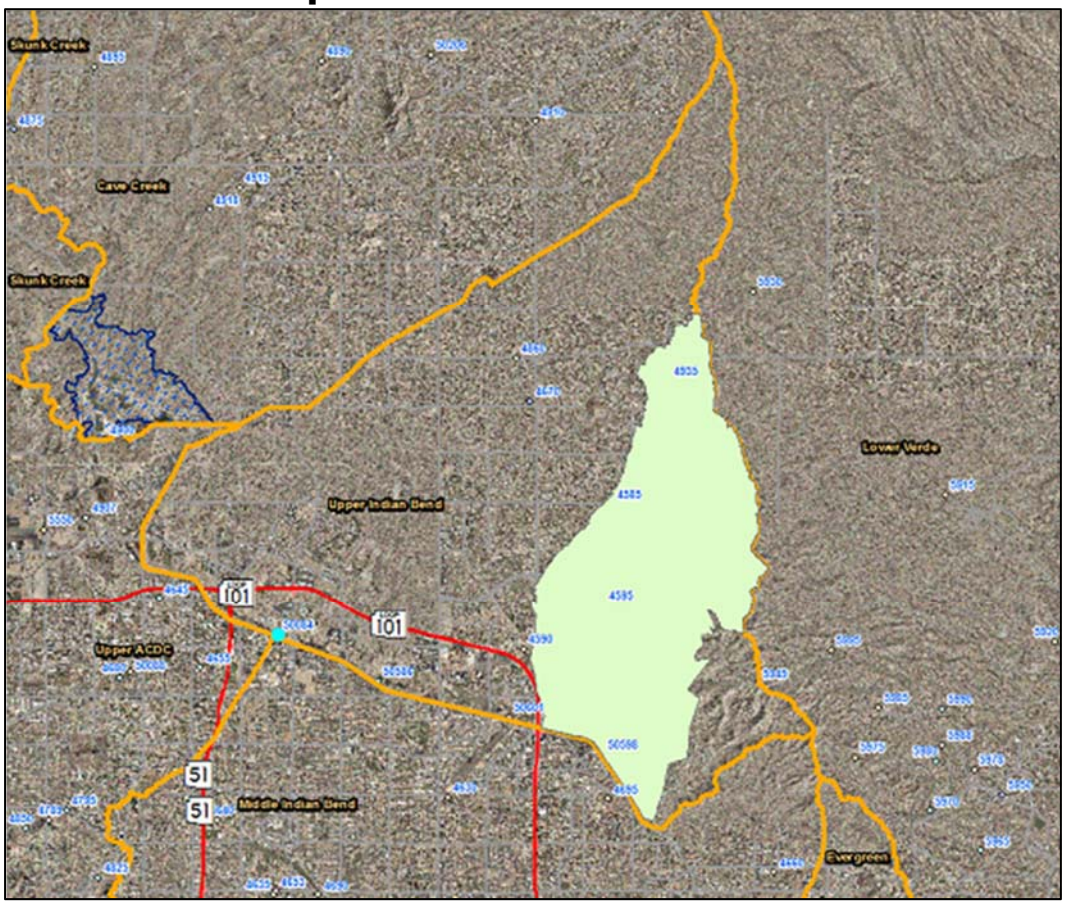
CAP Reach #11, Dike #4, ID #59807

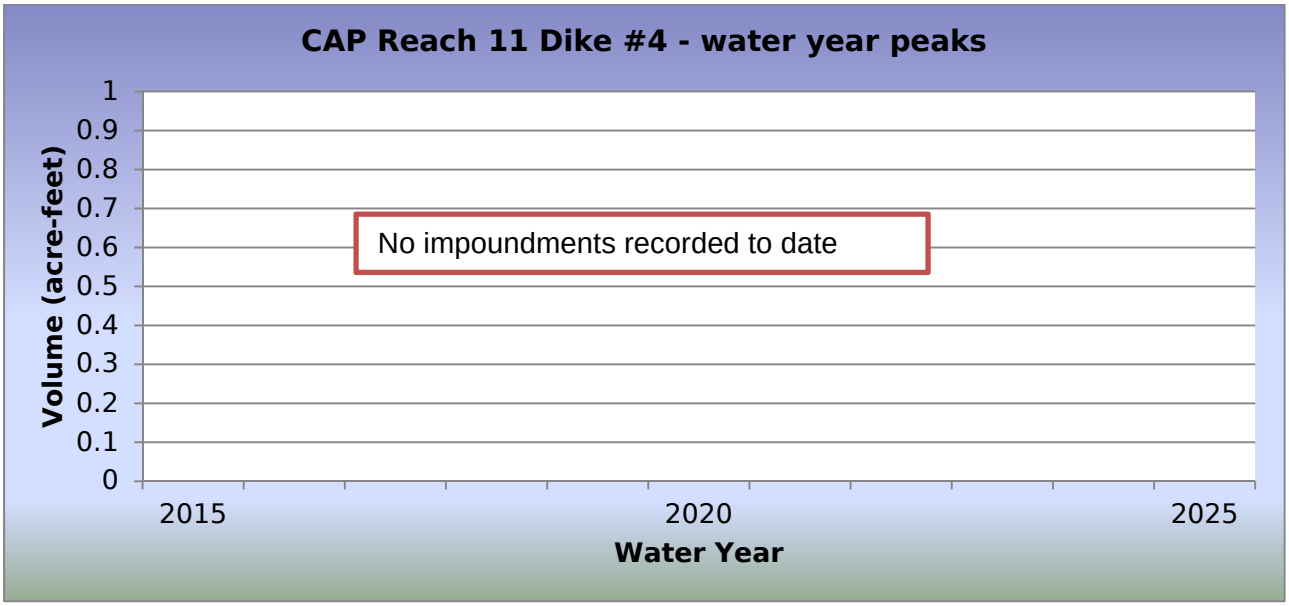


Site Data

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	2.20 Years | 804 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





WY2018 Events

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

Hydrograph of peak WY 2018 impoundment event

No impoundments were recorded during Water Year 2018.

CAP Reach 11 Dike #4, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
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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 2018 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

CAP Reach 11 Dike #4, volume data

Volume, in acre-feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
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11												
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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 2018 MEAN 0 MAX 0 MIN 0

CAP Reach 11 Dike #4, stage data

Depth, in feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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 2018 MEAN 0.00 MAX 0.92 MIN 0.00

Casandro Wash, ID #7093

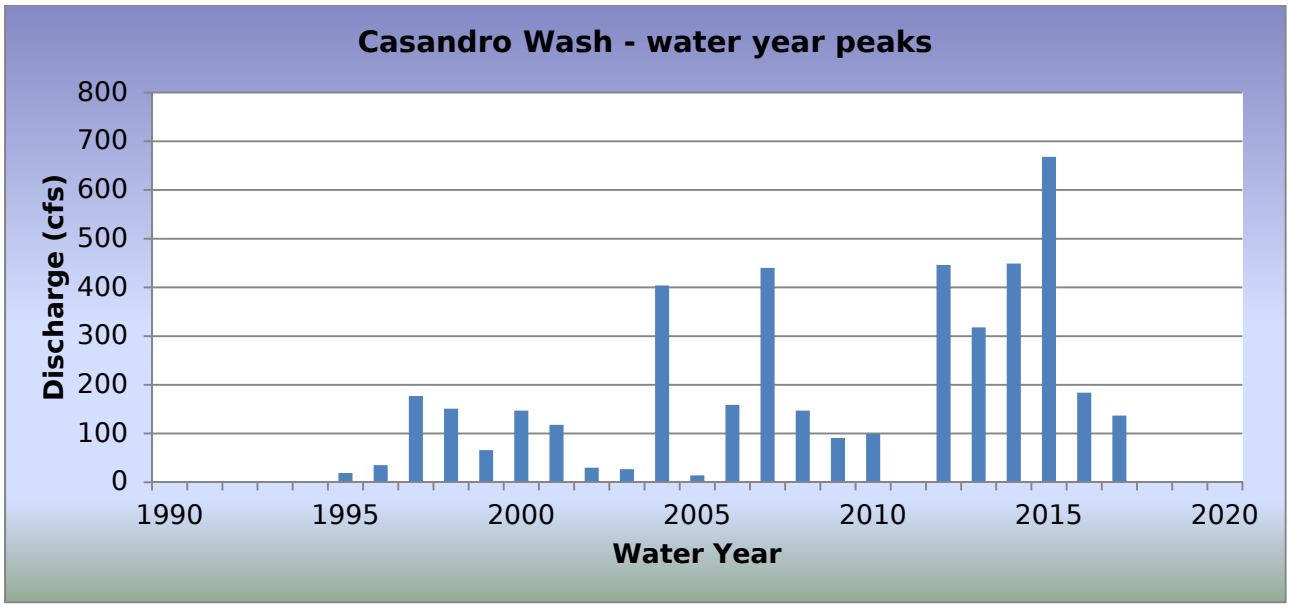


Site Data

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	24.22 Years | 8,847 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

Watershed Map

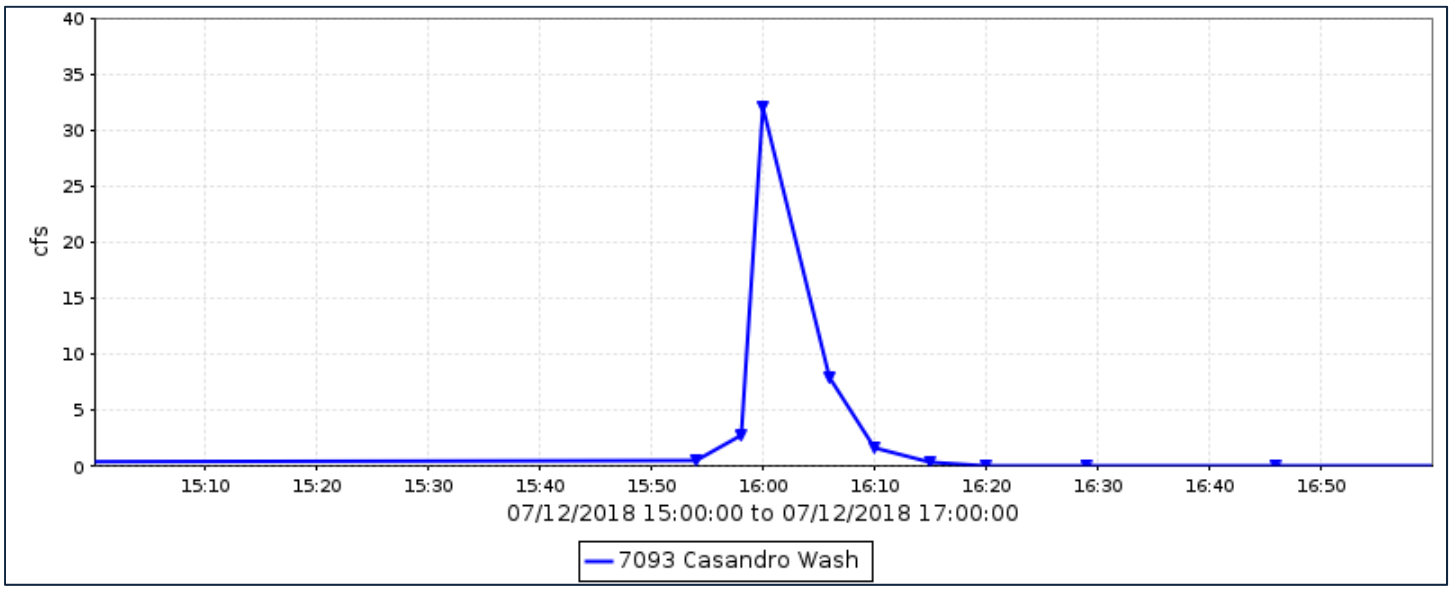




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
07/12/2018	1.87	32

Hydrograph of peak WY 2018 flow event, 07/12/2018



Flood Flow Frequency

Flood Flow Frequency N=25, HEC-WRC computation (based on 25 years of data)					
2-year	**5-year**	**10-year**	**20-year**	**50-year**	**100-year**
107	**275**	**439**	**637**	**953**	**1,240**

NOTE: These results are based on limited data.

Casandro Wash, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
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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	32	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 2018 TOTAL 0 MEAN 0 MAX 32 MIN 0 AC_FT 0

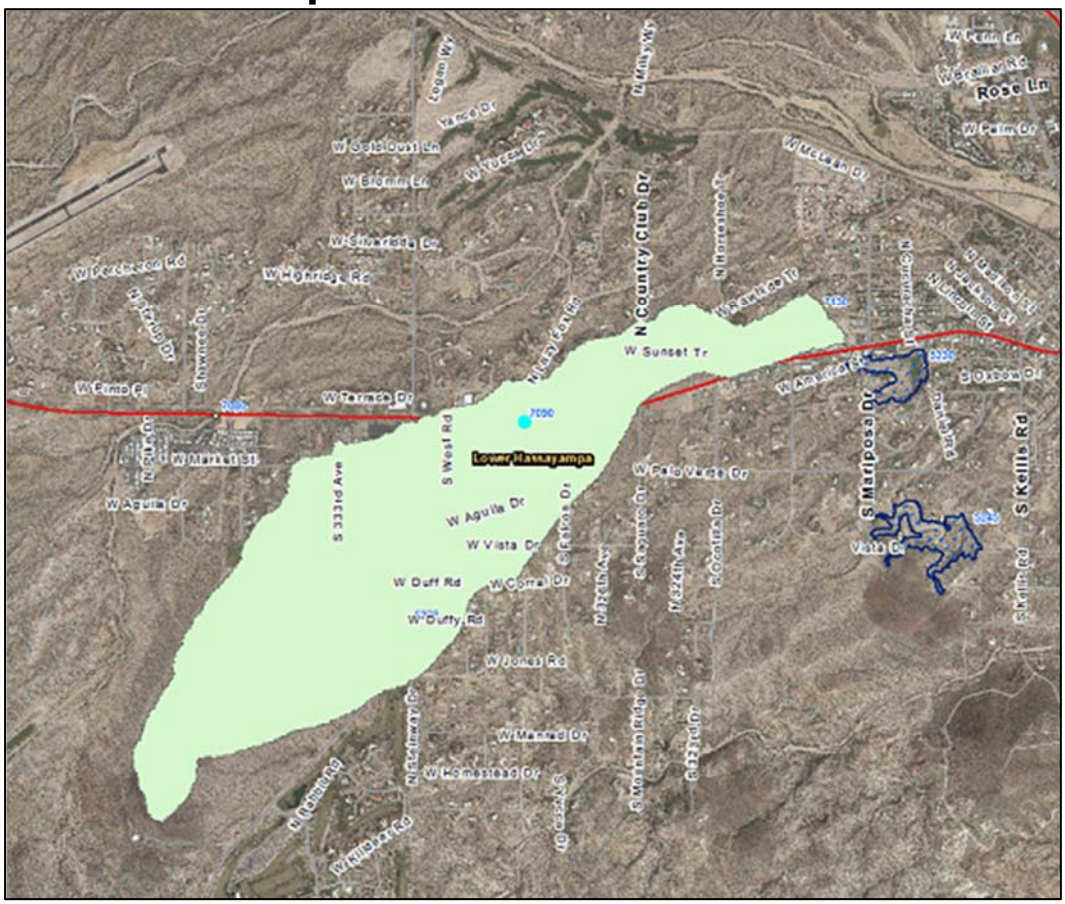
Casandro Dam, ID #7133

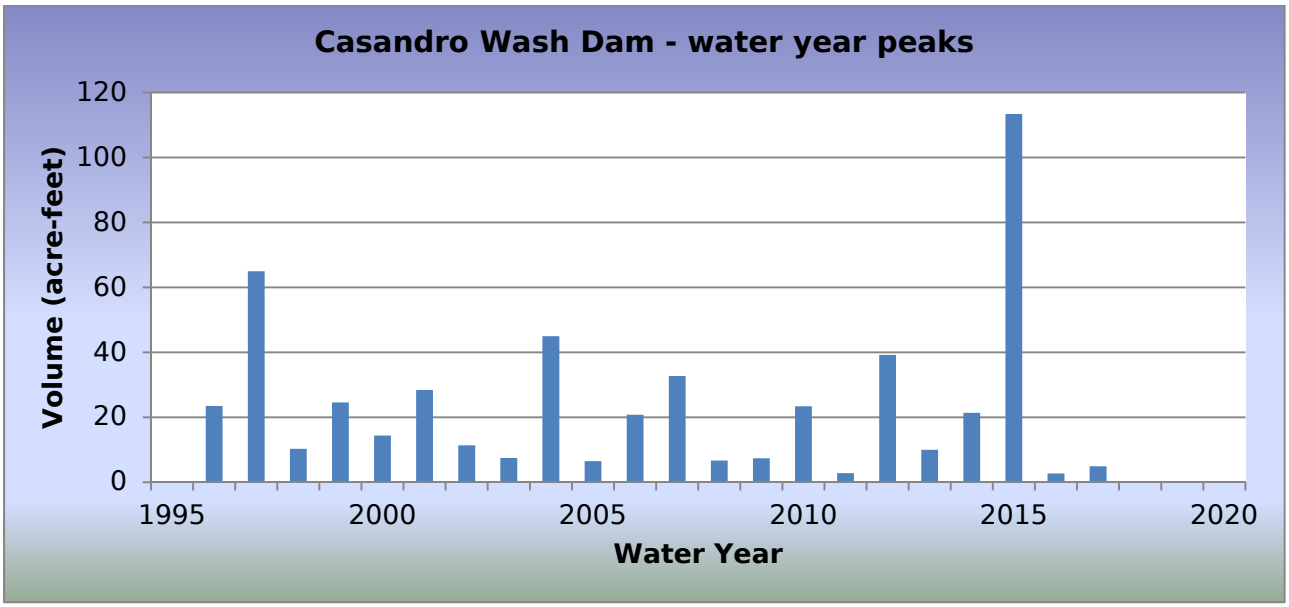


Site Data

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	22.13 Years | 8,082 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

Watershed Map





WY2018 Events

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

Hydrograph of peak WY 2018 impoundment event,

No impoundments recorded during Water Year 2018.

Casandro Dam, runoff data

Discharge, in cub, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
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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 2018 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

Casandro Dam, volume data

Volume, in acre-feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
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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 2018 MEAN 0 MAX 0 MIN 0

Casandro Dam, stage data

Depth, in feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
6	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
7	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
8	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
9	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
10	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
11	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
12	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
13	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
14	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
15	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
16	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
17	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
18	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
19	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
20	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
21	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
22	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
23	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
24	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
25	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
26	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
27	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
28	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
29	0.2	0.2	0.2	0.2	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2
30	0.2	0.2	0.2	0.2	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2
31	0.2	---	0.2	0.2	---	0.2	---	0.2	---	0.2	0.2	---
MEAN	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
MAX	0.7	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	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 2018 MEAN 0.19 MAX 0.67 MIN 0.19

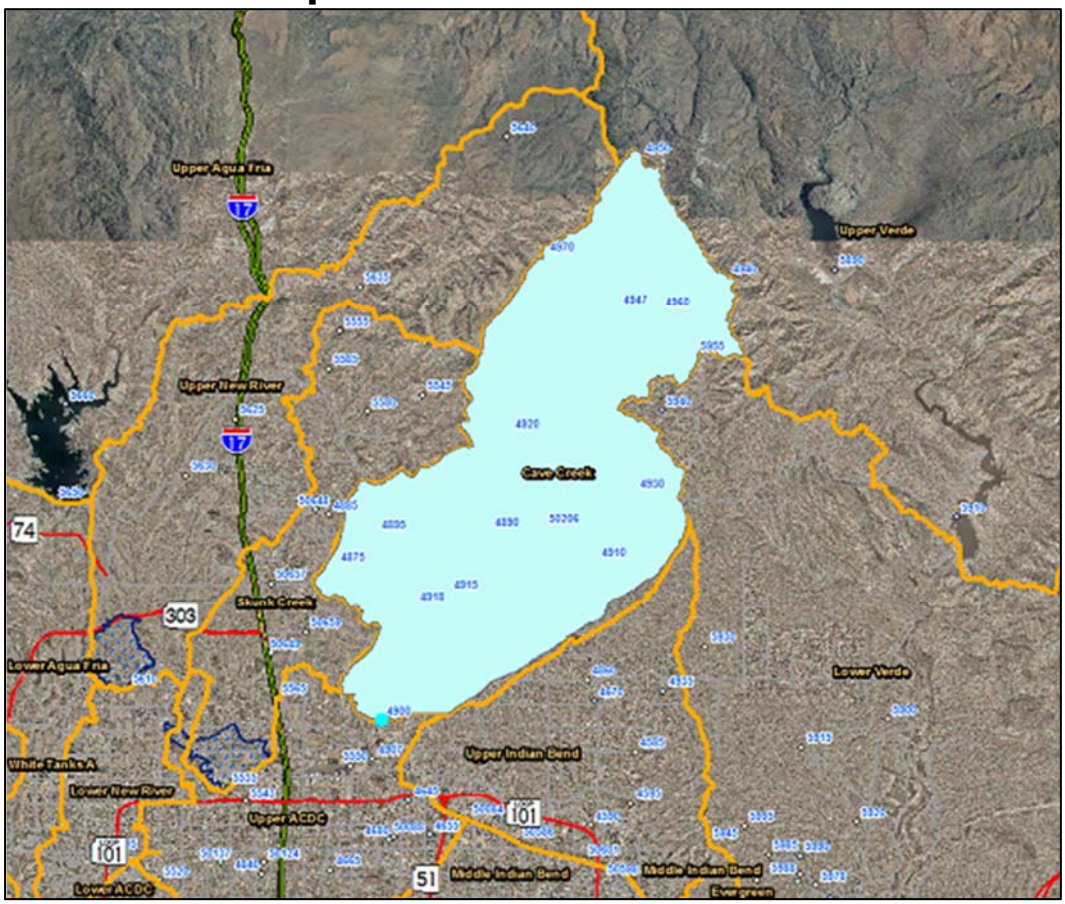
Cave Buttes Dam Pool, ID #4904

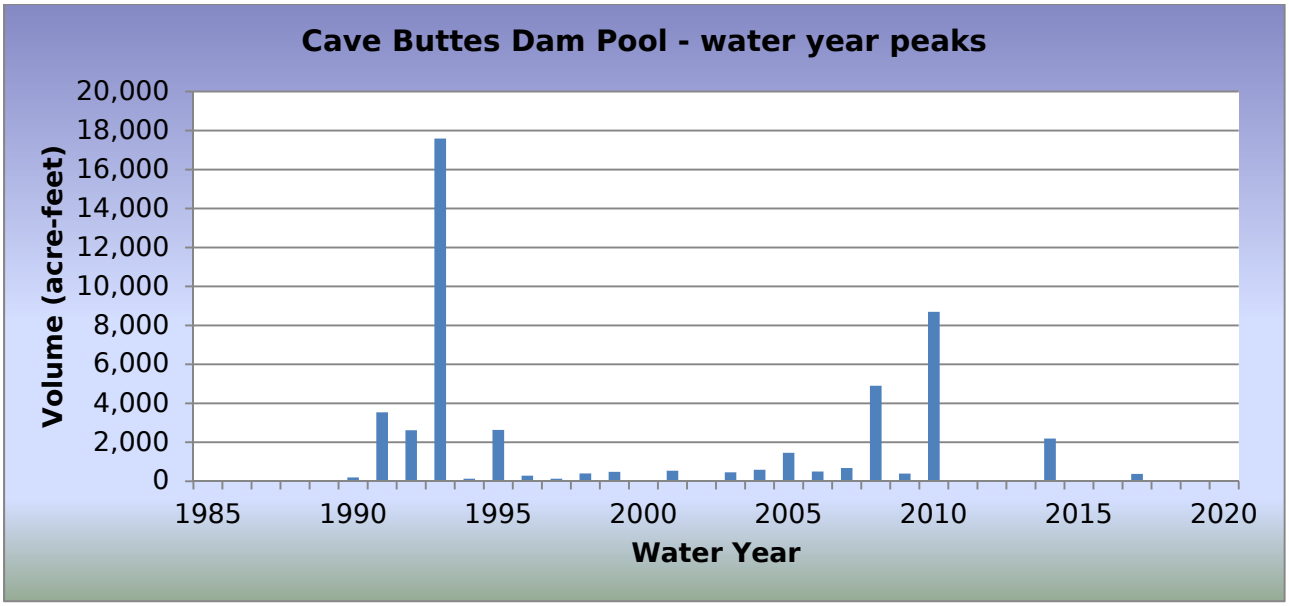


Site Data

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	31.00 Years | 11,323 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





WY2018 Events

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

Hydrograph of peak WY 2018 impoundment event,

No impoundments recorded in Water Year 2018.

Cave Buttes Dam Pool, volume data

Volume, in acre-feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	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 2018 MEAN 0 MAX 0 MIN 0

Cave Buttes Dam Pool, stage data

Depth, in feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
2	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	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	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
22	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
23	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	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	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
29	1.9	1.9	1.9	1.9	---	1.9	1.9	1.9	1.9	1.9	1.9	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	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
MAX	1.9	1.9	1.9	1.9	1.9	1.9	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 2018 MEAN 1.90 MAX 1.91 MIN 1.90

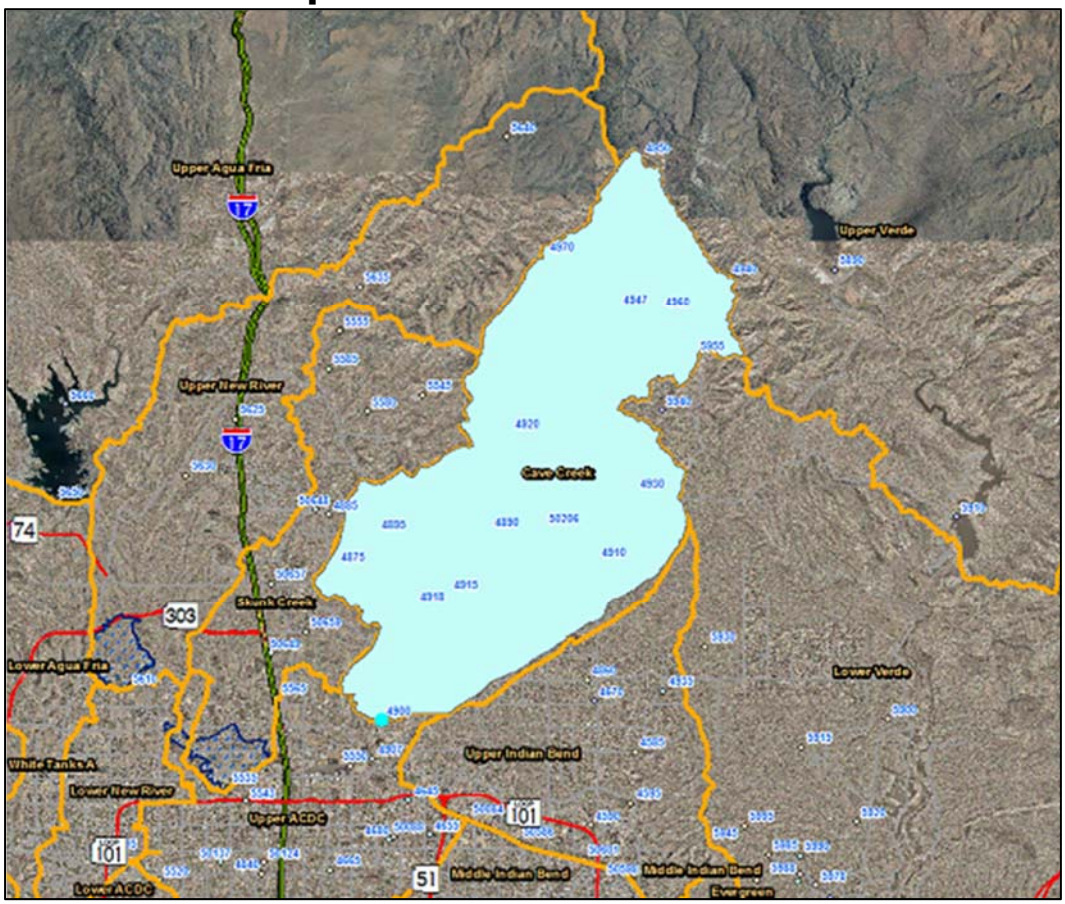
Cave Buttes Dam Outlet, ID #4903

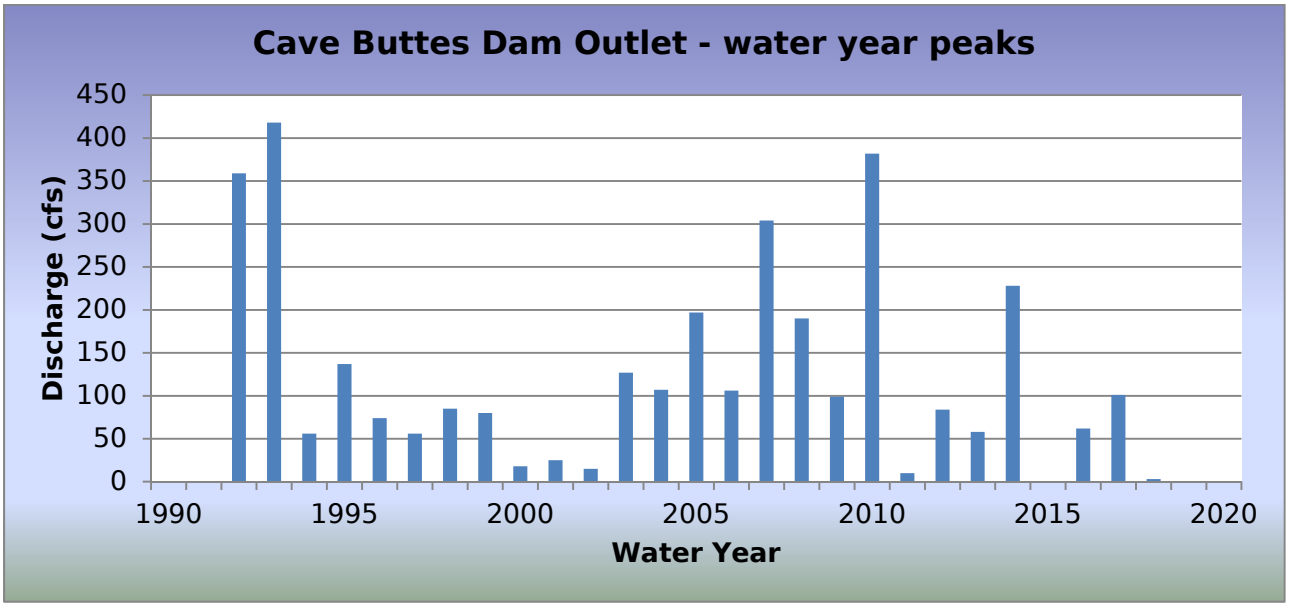


Site Data

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	26.17 Years | 9,559 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

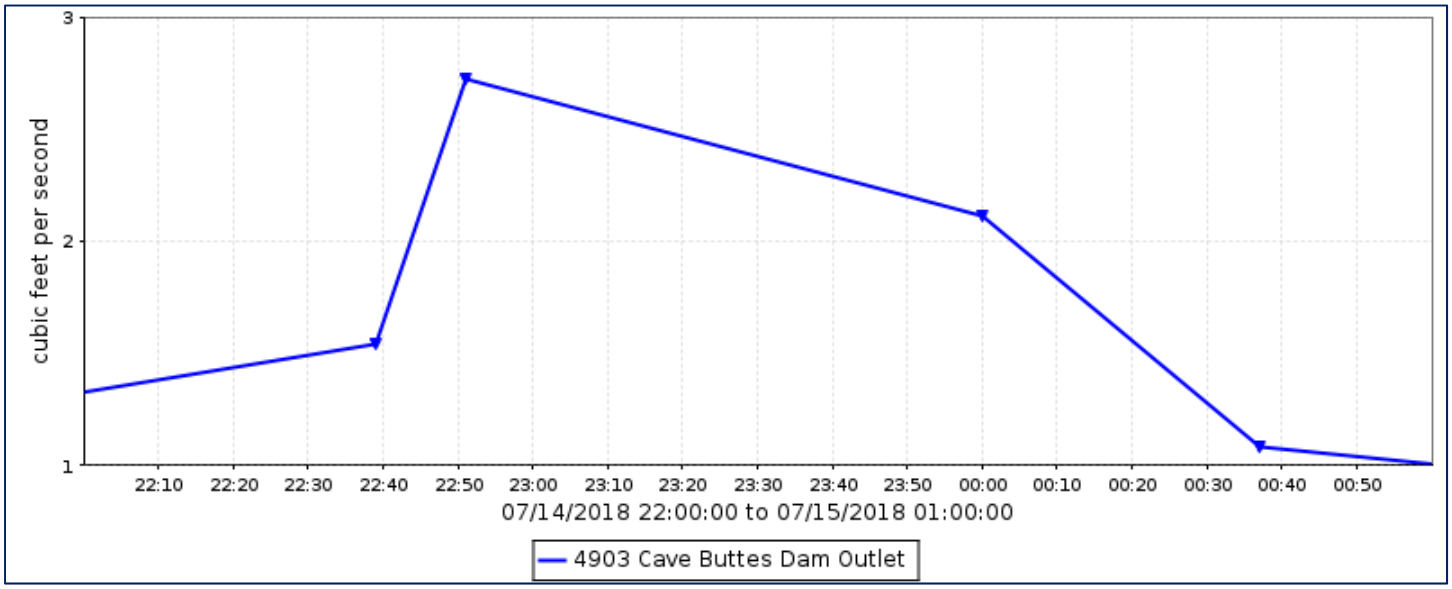




WY2018 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
07/14/2018	1.15	3

Hydrograph of peak WY 2018 flow event, 07/14/2018



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

Station Number: 4903) Name: Cave Buttes Dam Outl

Discharge, in cub, Water Year October 2017 to September 2018

Daily Mean Values

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

WTR YR 2018 TOTAL 19 MEAN 0 MAX 3 MIN 0 AC_FT 38

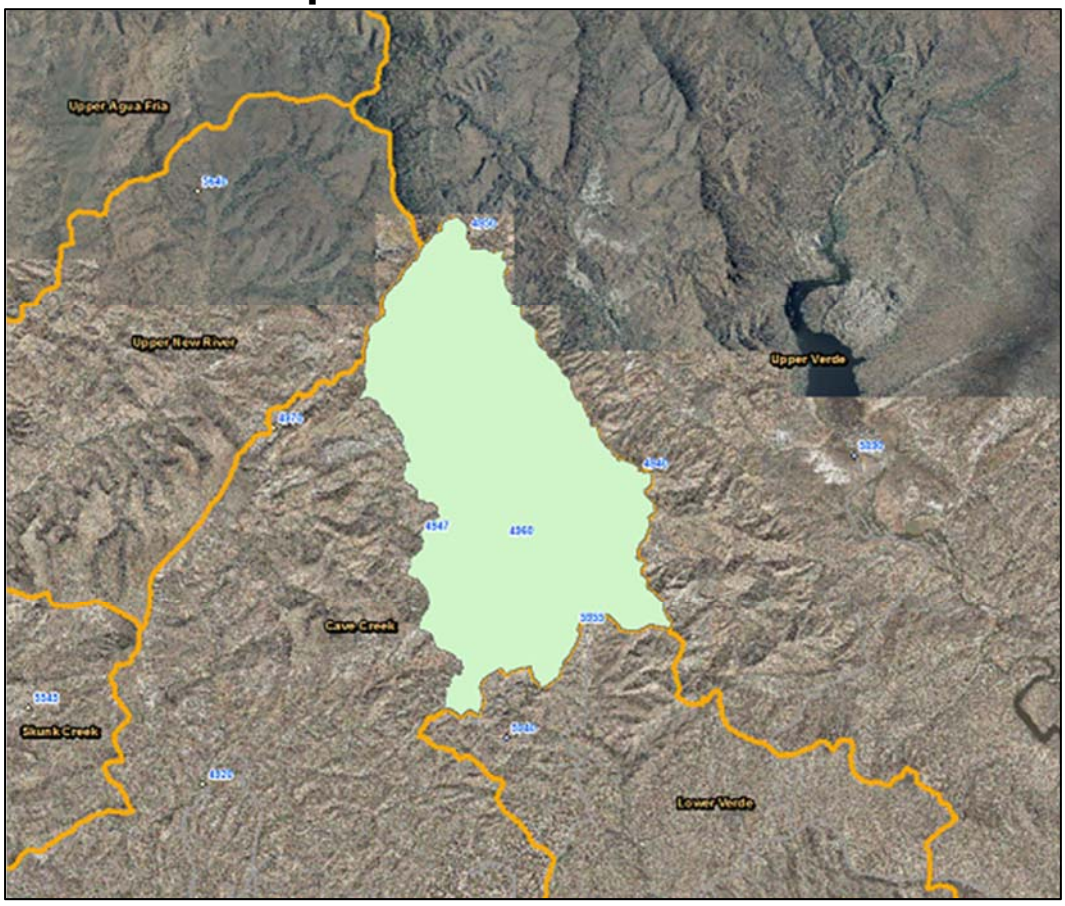
Cave Creek at Ashdale RS, ID #4947

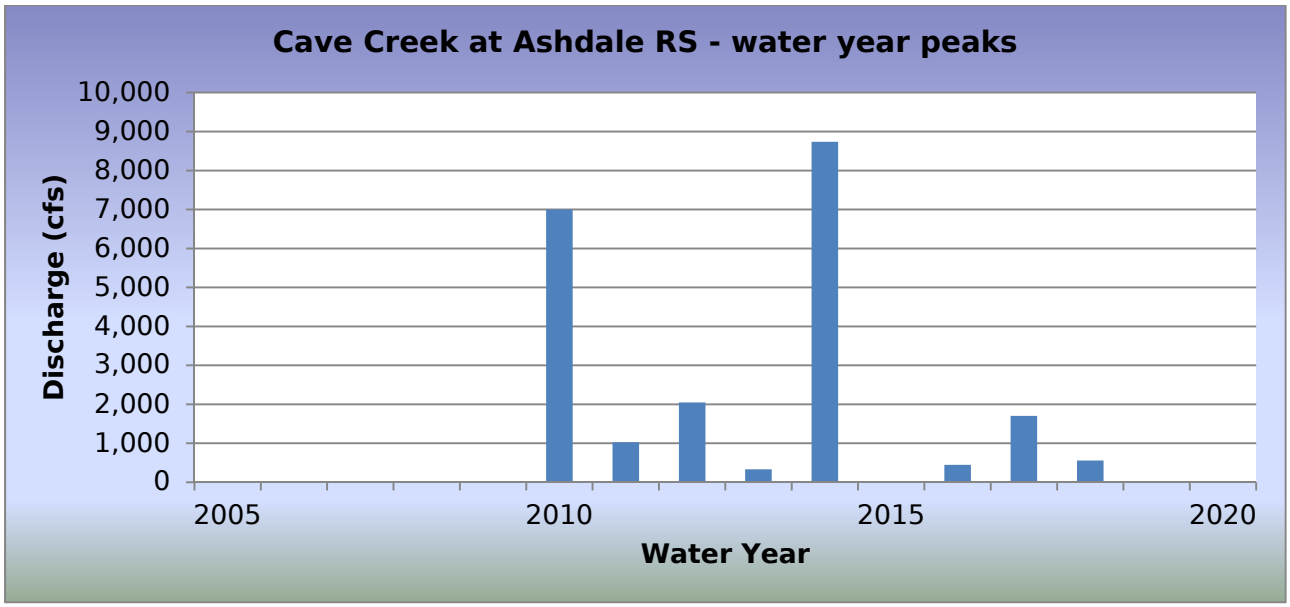


Site Data

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	9.60 Years | 3,505 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

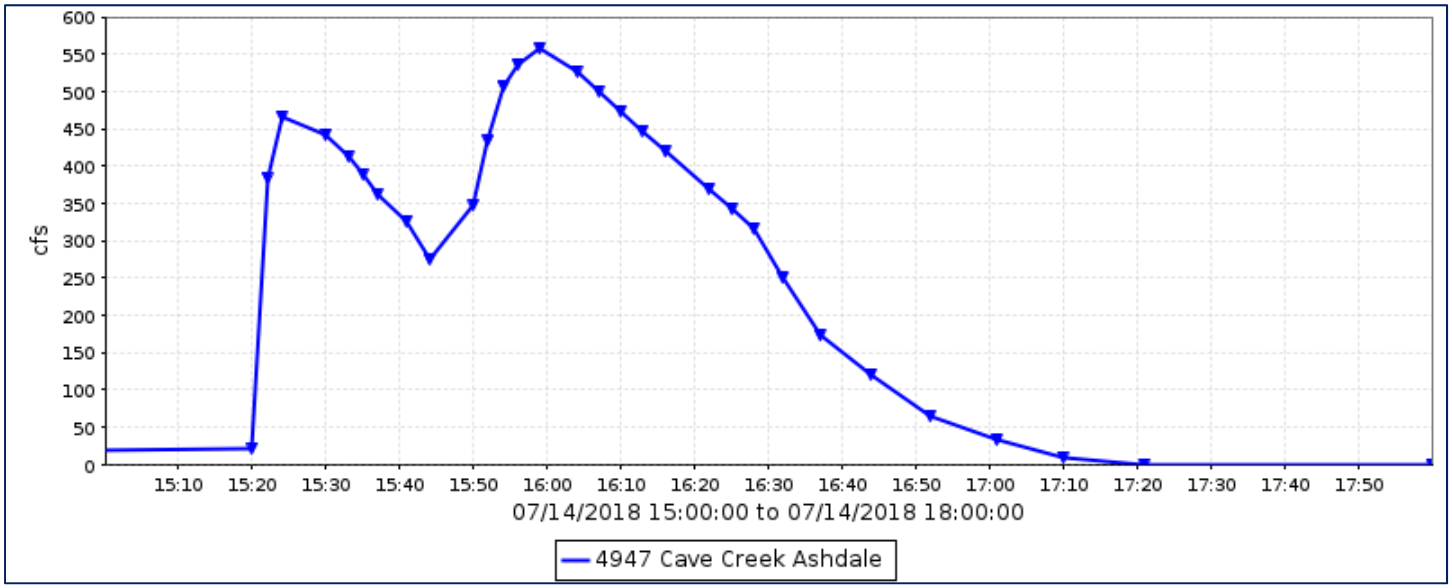




WY2018 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
07/09/2018	1.59	60
07/14/2018	3.48	558
07/30/2018	3.40	544

Hydrograph of peak WY 2018 flow event, 07/14/2018



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 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9										1		
10												
11												
12												
13												
14										23		
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---					21		
31		---			---		---		---			---
TOTAL	0	0	0	0	0	0	0	0	0	46	0	0
MEAN	0	0	0	0	0	0	0	0	0	1	0	0
MAX	0	0	0	1	0	0	0	0	0	558	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	91	0	0

WTR YR 2018 TOTAL 46 MEAN 0 MAX 558 MIN 0 AC_FT 92

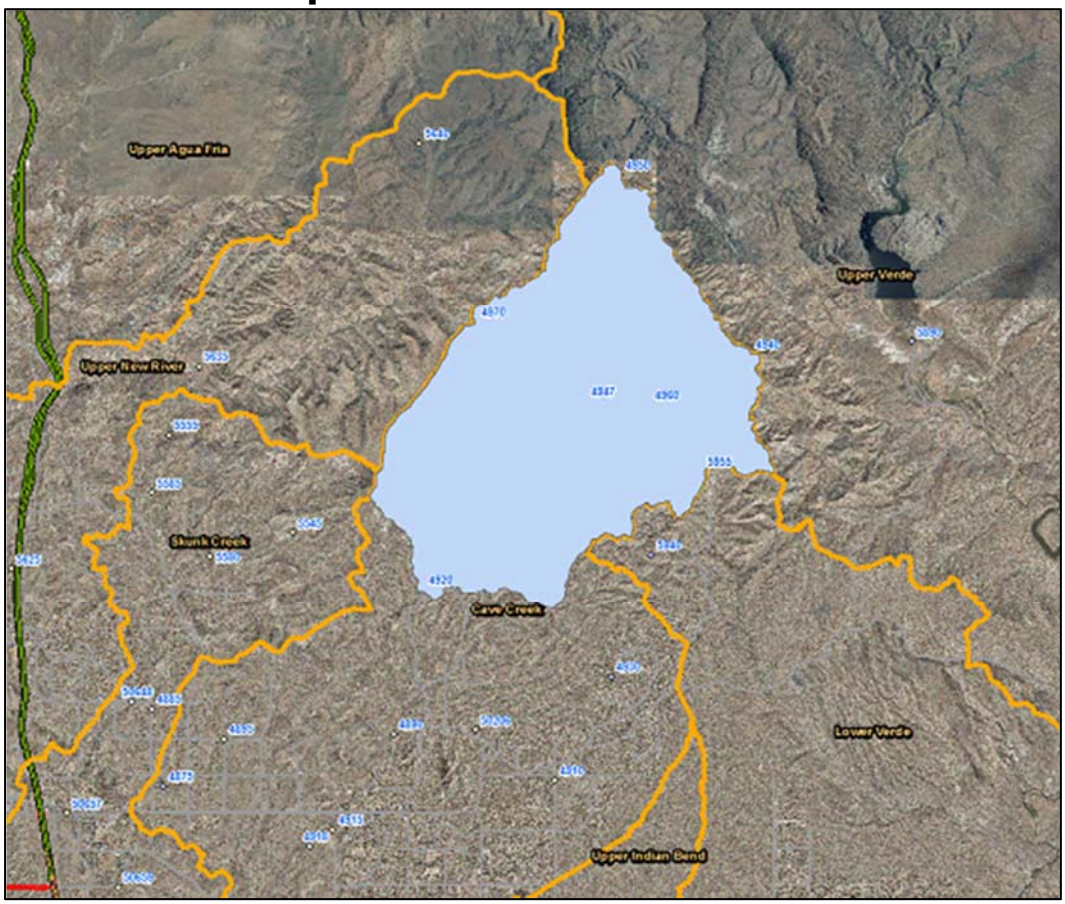
Cave Creek at Spur Cross, ID #4923

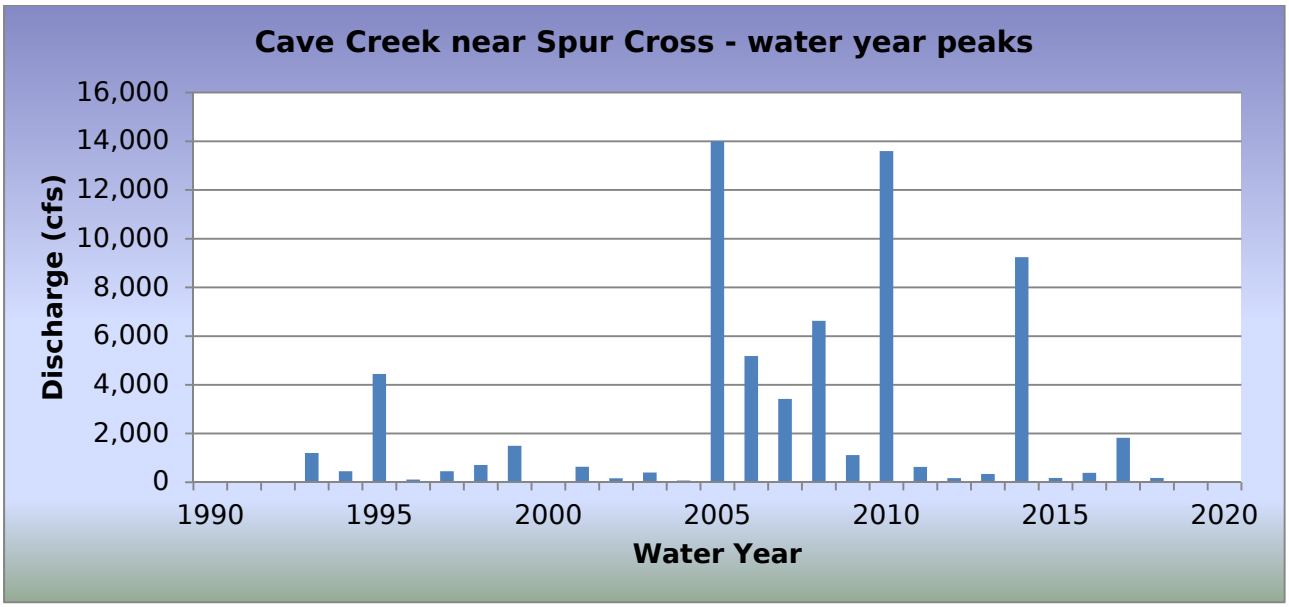


Site Data

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	25.29 Years | 9,238 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	2.64 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

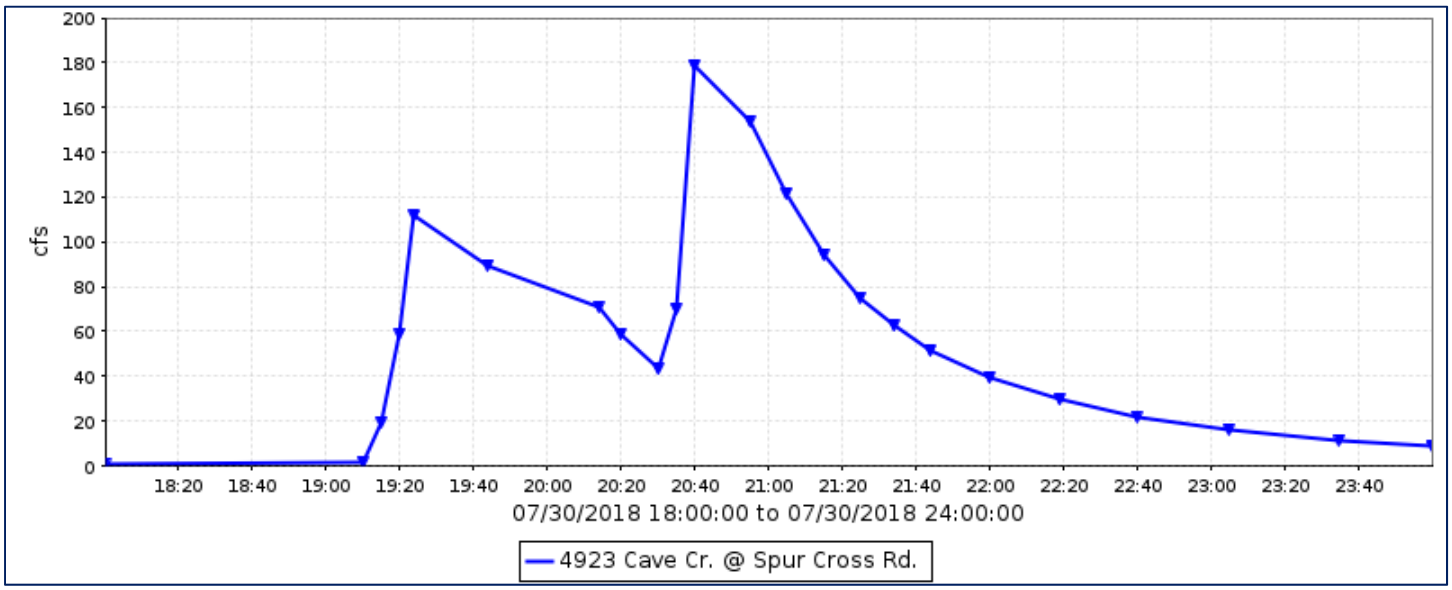




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
06/16/2018	4.42	155
07/11/2018	3.22	13
07/14/2018	4.30	132
07/30/2018	4.52	178
07/31/2018	3.99	81

Hydrograph of peak WY 2018 flow event, 07/30/2018



Flood Flow Frequency

Flood Flow Frequency N=38, HEC-WRC computation (based on 38 years of data)					
2-year	**5-year**	**10-year**	**20-year**	**50-year**	**100-year**
826	**3,110**	**6,160**	**10,800**	**20,100**	**30,400**

Cave Creek at Spur Cross, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1	1	1	1	1	1	1	1	1	1	1	
2	1	1	1	1	1	1	1	1	1	1	1	
3	1	1	1	1	1	1	1	1	1	1	1	
4	1	1	1	1	1	1	1	1	1	1	1	
5	1	1	1	1	1	1	1	1	1	1	1	
6	1	1	1	1	1	1	1	1	1	1	1	
7	1	1	1	1	1	1	1	1	1	1	1	
8	1	1	1	1	1	1	1	1	1	1	1	
9	1	1	1	1	1	1	1	1	1	1	1	
10	1	1	1	1	1	1	1	1	1	1	1	
11	1	1	1	1	1	1	1	1	1	1	1	
12	1	1	1	1	1	1	1	1	1	1	1	
13	1	1	1	1	1	1	1	1	1	1	1	
14	1	1	1	1	1	1	1	1	1	9	1	
15	1	1	1	1	1	1	1	1	1	2	1	
16	1	1	1	1	1	1	1	1	10	1	1	
17	1	1	1	1	1	1	1	1	1	1	1	
18	1	1	1	1	1	1	1	1	1	1	1	
19	1	1	1	1	1	1	1	1	1	1	1	
20	1	1	1	1	1	1	1	1	1	1	1	
21	1	1	1	1	1	1	1	1	1	1	1	
22	1	1	1	1	1	1	1	1	1	1	1	
23	1	1	1	1	1	1	1	1	1	1	1	
24	1	1	1	1	1	1	1	1	1	1	2	
25	1	1	1	1	1	1	1	1	1	1	1	
26	1	1	1	1	1	1	1	1	1	1	1	
27	1	1	1	1	1	1	1	1	1	1	1	
28	1	1	1	1	1	1	1	1	1	1	1	
29	1	1	1	1	---	1	1	1	1	1		
30	1	1	1	1	---	1	1	1	1	13		
31	1	---	1	1	---	1	---	1	---	21		---
TOTAL	27	27	28	28	25	28	27	27	36	71	28	0
MEAN	1	1	1	1	1	1	1	1	1	2	1	0
MAX	1	1	1	1	1	1	1	1	217	178	16	0
MIN	1	1	1	1	1	1	1	1	1	1	0	0
AC_FT	54	53	56	56	49	56	53	54	72	140	55	0

WTR YR 2018 TOTAL 353 MEAN 1 MAX 217 MIN 0 AC_FT 700

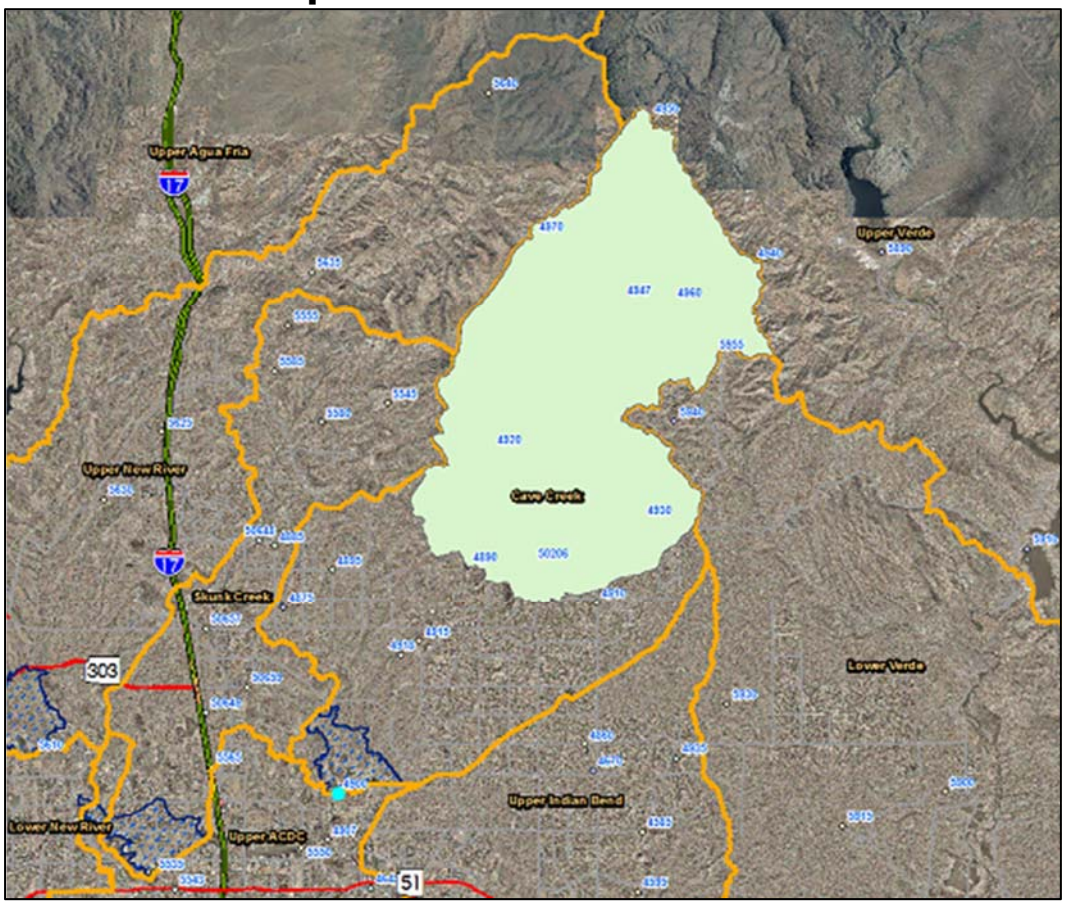
Cave Creek, ID #4893

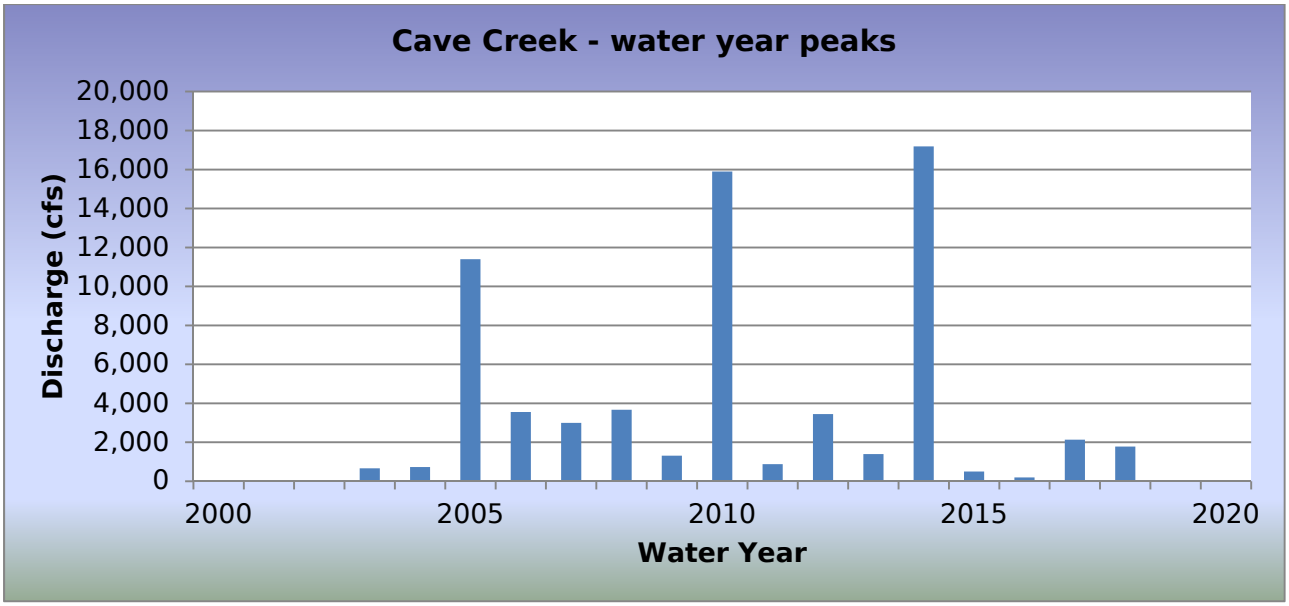


Site Data

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	15.35 Years | 5,605 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.25 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	1
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

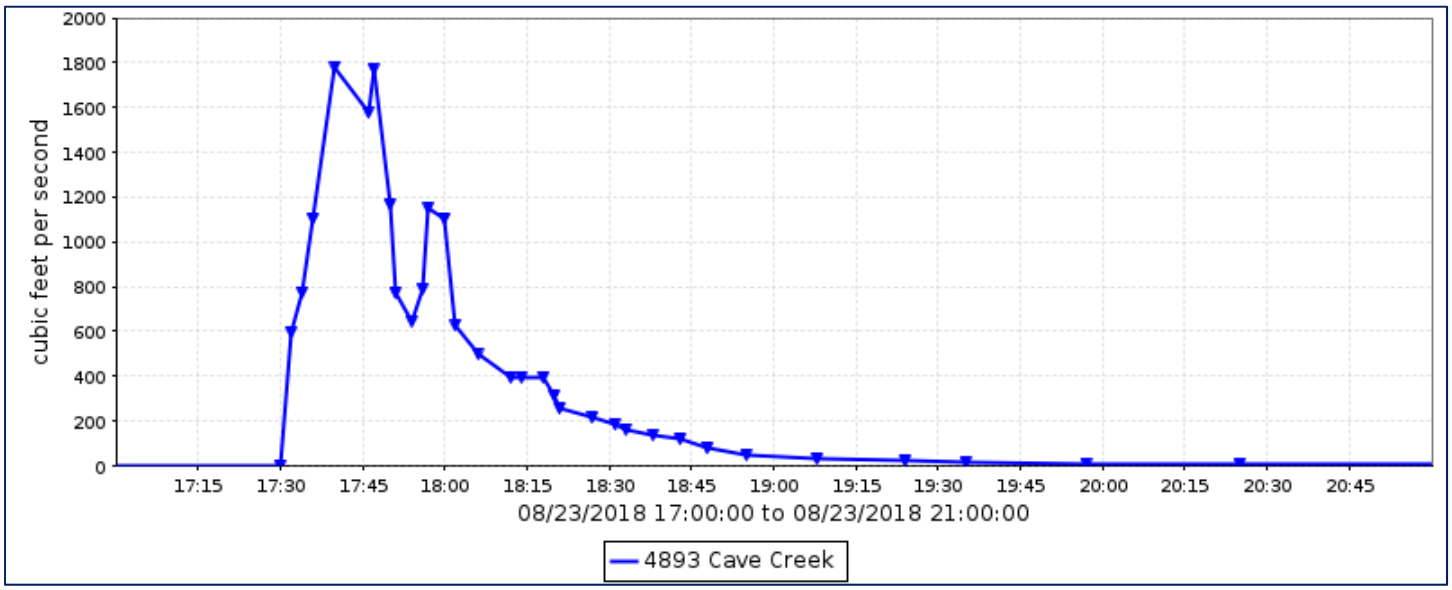




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
06/16/2018	4.79	754
07/11/2018	2.05	56
07/30/2018	2.20	90
08/23/2018	5.82	1,782
08/24/2018	4.00	486

Hydrograph of peak WY 2018 flow event, 08/23/2018



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**
2,000	**5,850**	**10,300**	**16,400**	**27,900**	**39,700**

Cave Creek, runoff data

Discharge, in cub, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11										2		
12												
13												
14										1		
15												
16									22			
17									1			
18												
19												
20												
21												
22												
23											37	
24											12	
25												
26												
27												
28												
29					---							
30					---					2		
31		---			---		---		---	3		---
TOTAL	0	0	0	0	0	0	0	0	23	8	48	0
MEAN	0	0	0	0	0	0	0	0	1	0	2	0
MAX	0	0	0	0	0	0	0	0	754	90	1782	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	0	0	46	16	96	0

WTR YR 2018 TOTAL 80 MEAN 0 MAX 1782 MIN 0 AC_FT 158

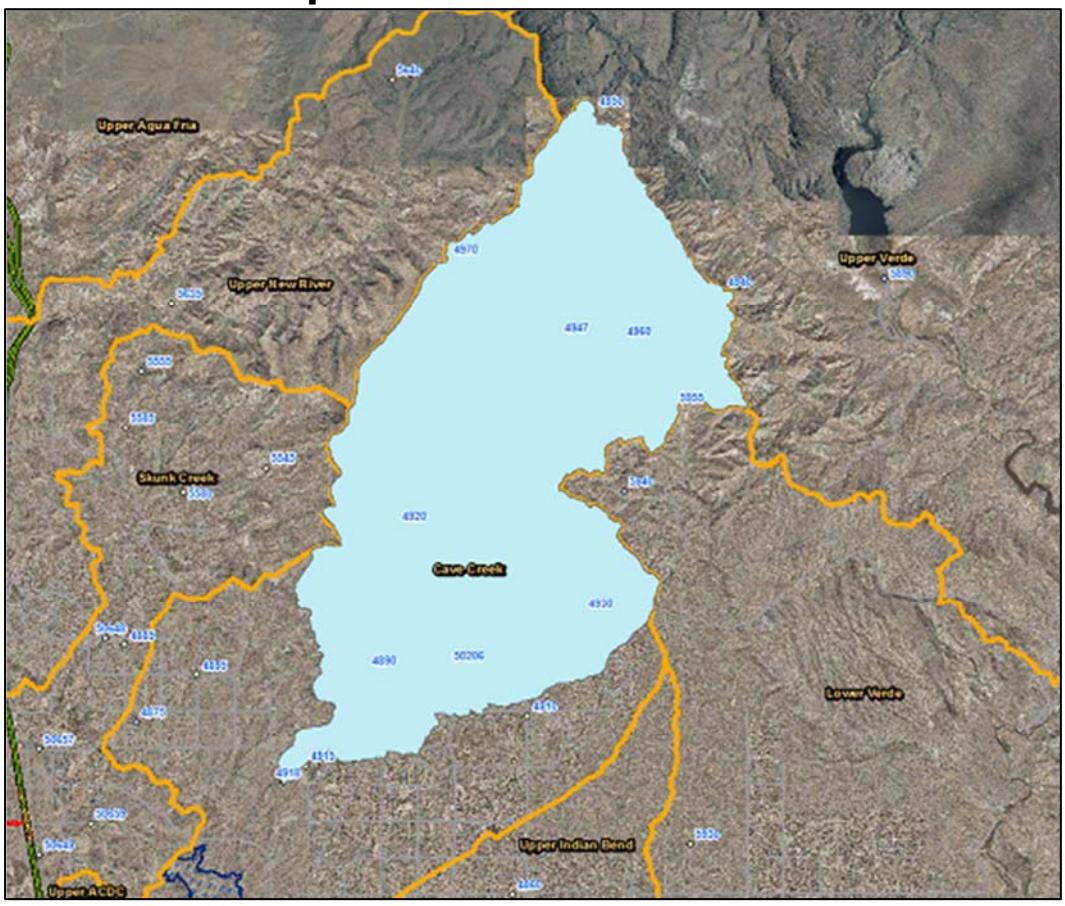
Cave Creek near Cave Creek, ID #4918

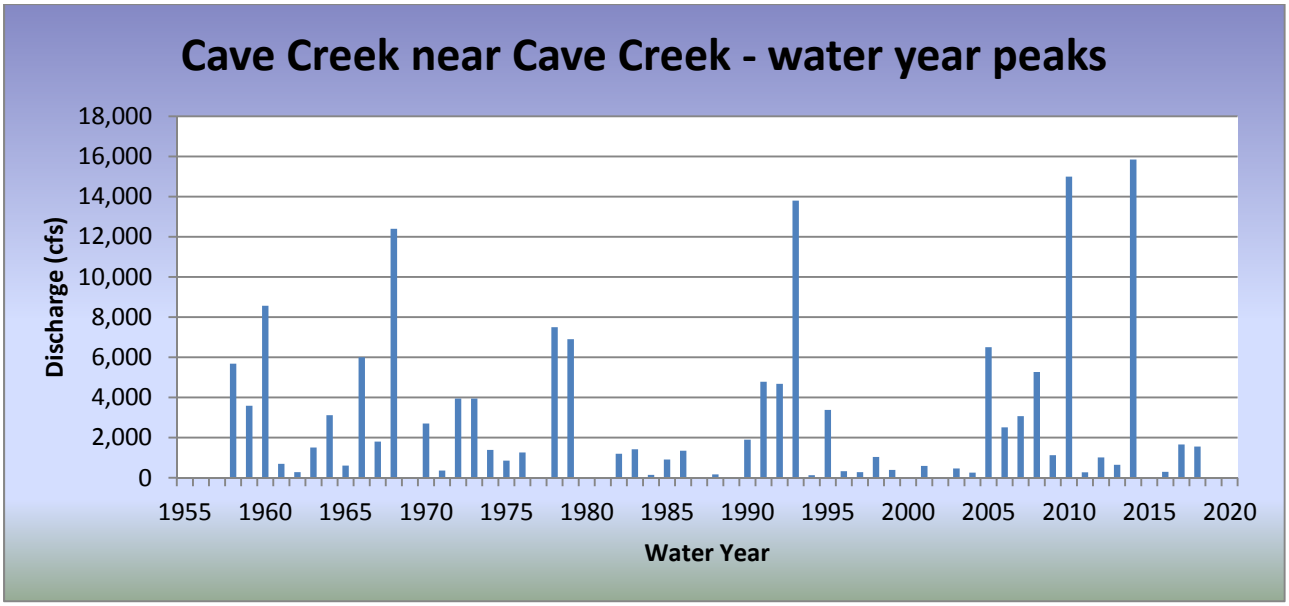


Site Data

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	24.35 Years | 8,893 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

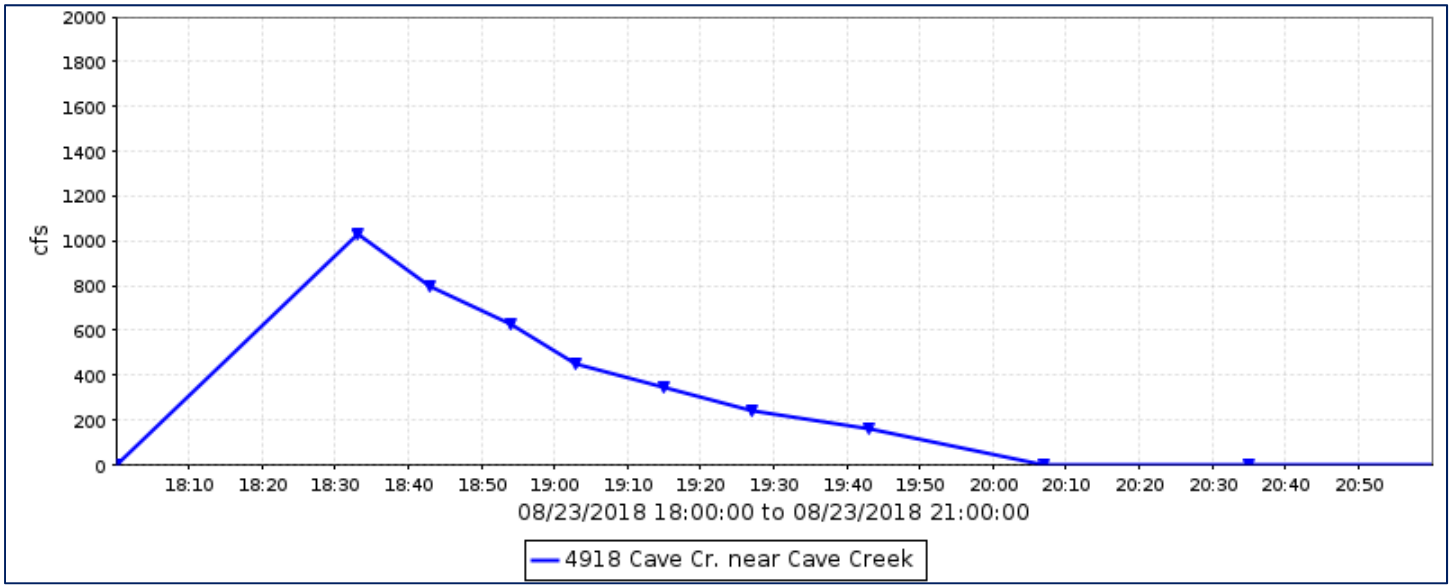




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
06/16/2018	1.69	402
08/23/2018	3.24	1,554
08/24/2018	1.34	275

Hydrograph of peak WY 2018 flow event, 08/23/2018



Flood Flow Frequency

Flood Flow Frequency N=60, HEC-WRC computation (based on 60 years of data)					
2-year	**5-year**	**10-year**	**20-year**	**50-year**	**100-year**
1,210	**3,910**	**7,100**	**11,500**	**19,600**	**27,800**

Cave Creek near Cave Creek, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16									10			
17												
18												
19												
20												
21												
22												
23											29	
24											7	
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	0	0	0	0	0	10	0	36	0
MEAN	0	0	0	0	0	0	0	0	0	0	1	0
MAX	0	0	0	0	0	0	0	0	402	0	1027	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	0	0	20	0	72	0

WTR YR 2018 TOTAL 46 MEAN 0 MAX 1027 MIN 0 AC_FT 92

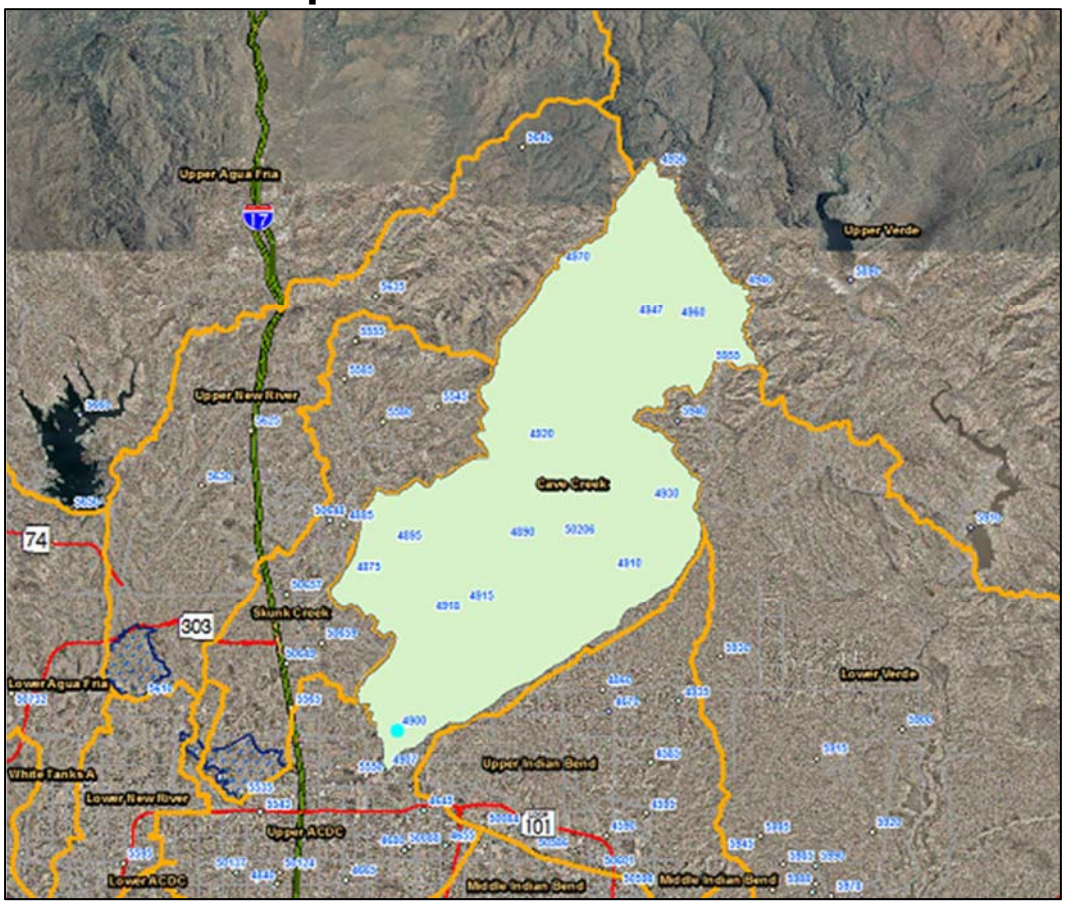
Cave Creek at CAP, ID #4907

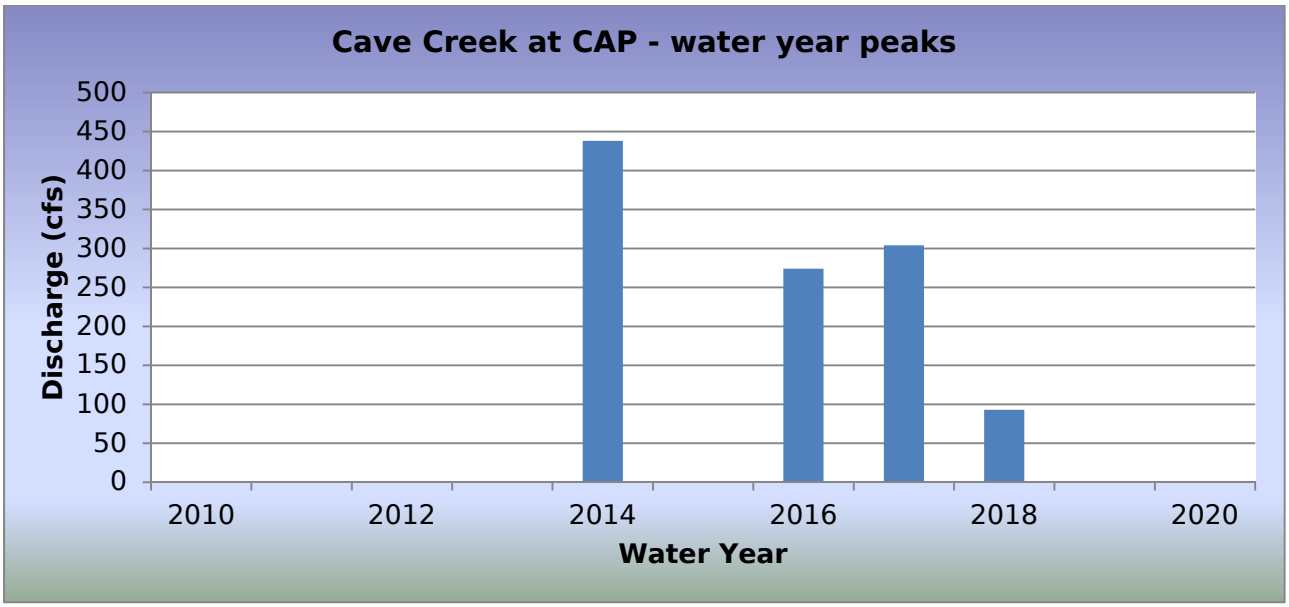


Site Data

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	4.47 Years | 1,631 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.10 feet Gage Height
STAFF GAGES	None
CREST STAGE GAGES	1
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

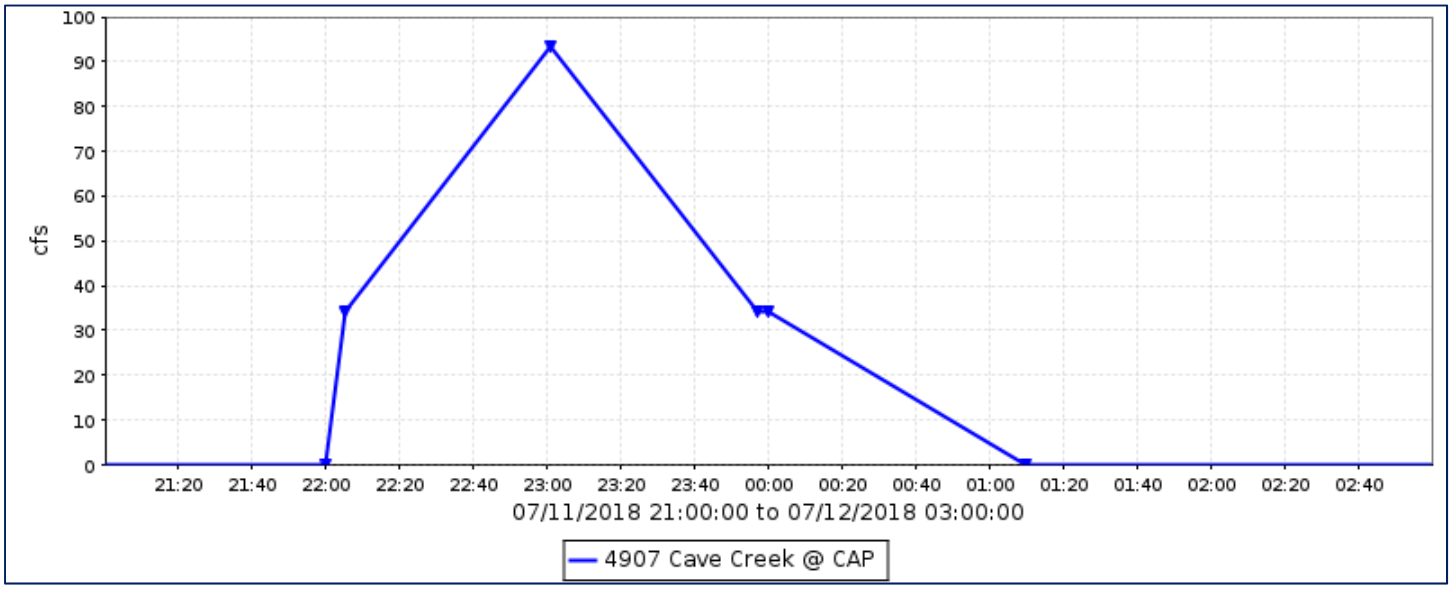




WY2018 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
07/11/2018	0.33	93

Hydrograph of peak WY 2018 flow event, 07/11/2018



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 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11										5		
12										2		
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	7	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	93	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	13	0	0

WTR YR 2018 TOTAL 7 MEAN 0 MAX 93 MIN 0 AC_FT 13

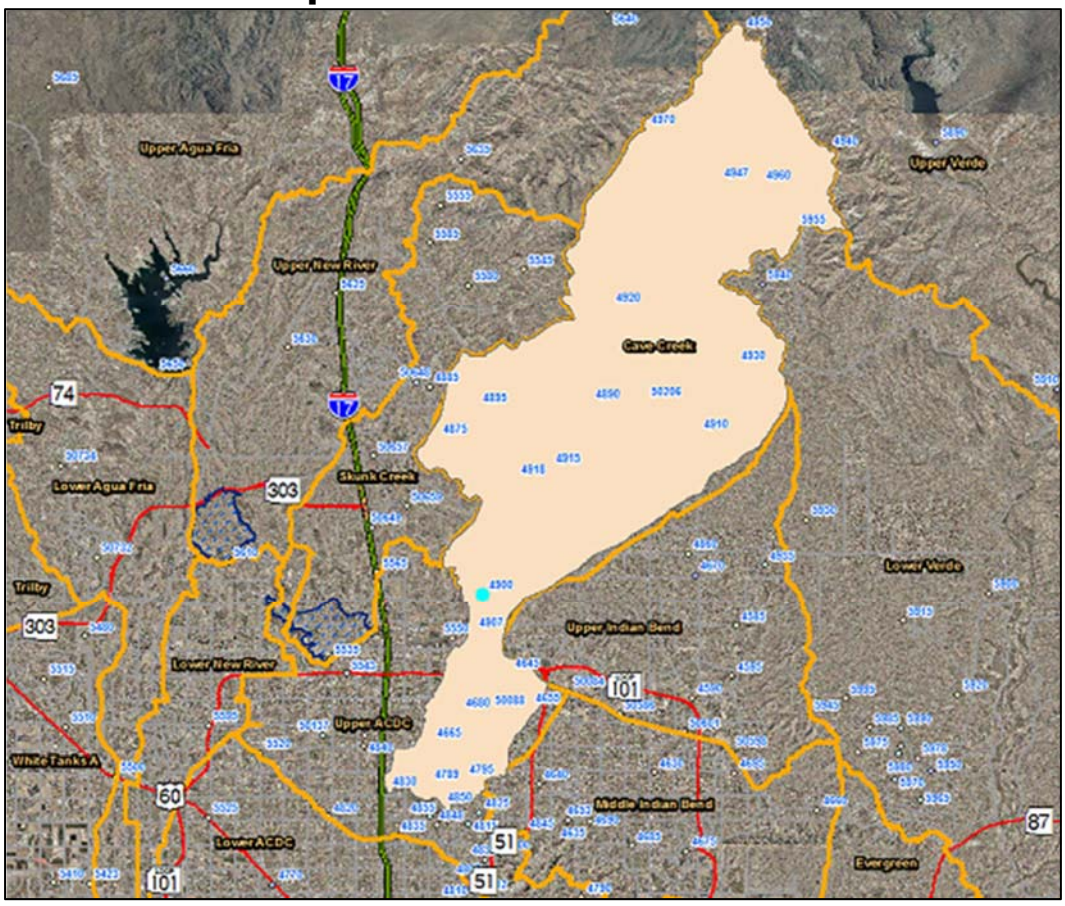
Cave Creek at Cactus Road – ID #4833

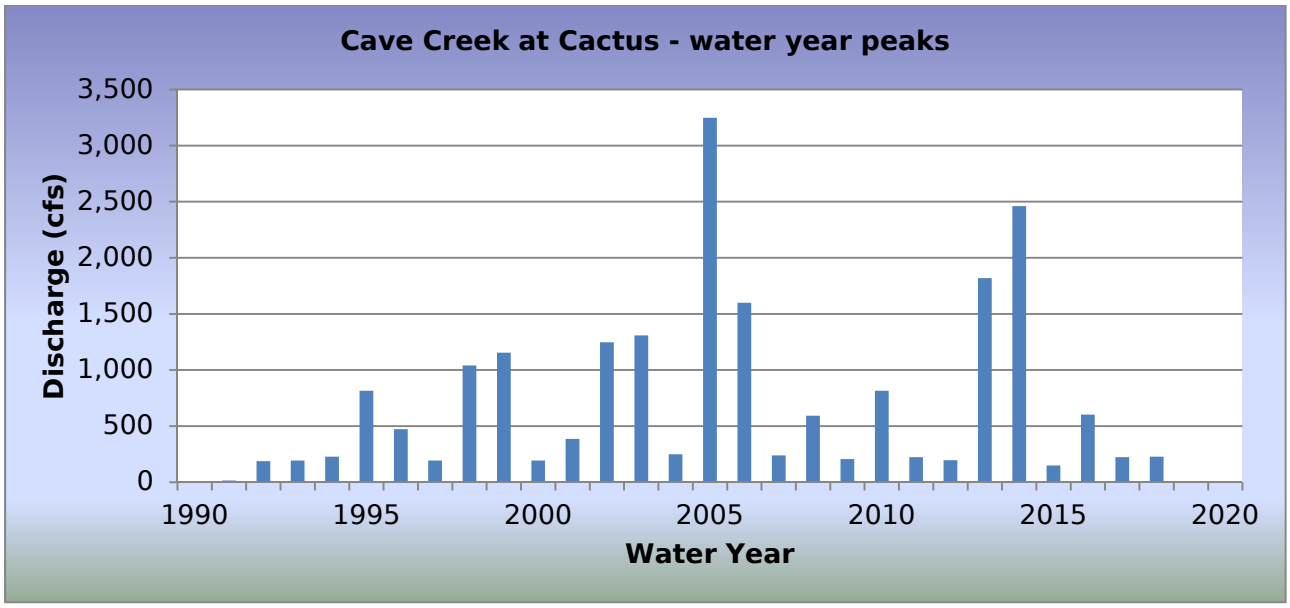


Site Data

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	27.26 Years | 9,958 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

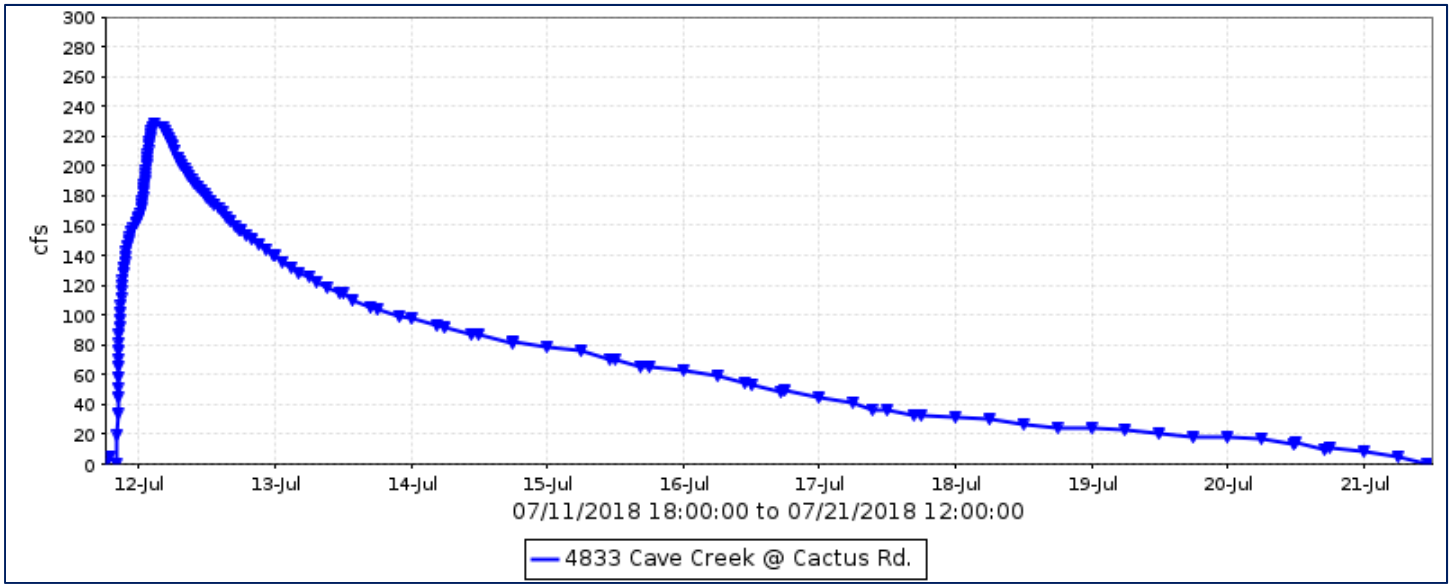




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
01/10/2018	2.51	55
07/09/2018	6.03	171
07/12/2018	8.90	228
08/23/2018	6.40	178

Hydrograph of peak WY 2018 flow event, 07/12/2018



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**
463	**1,050**	**1,640**	**2,400**	**3,730**	**5,040**

Cave Creek at Cactus Road, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1											1	
2												
3												
4												
5												
6												
7												
8												
9				2						33	31	
10				24						70	23	
11										21	19	
12										181	15	
13										116	5	
14										89		
15										72		
16										55		
17										38		
18										28		
19										21		
20							1			14		
21										3		
22												
23											23	
24											89	
25												
26												
27												
28												
29					---							
30					---					3		
31		---			---		---		---	12		---
TOTAL	0	0	0	26	0	0	3	0	0	757	206	0
MEAN	0	0	0	1	0	0	0	0	0	24	7	0
MAX	0	0	0	55	0	0	1	0	0	228	178	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	52	0	0	6	0	0	1502	409	0

WTR YR 2018 TOTAL 992 MEAN 3 MAX 228 MIN 0 AC_FT 1969

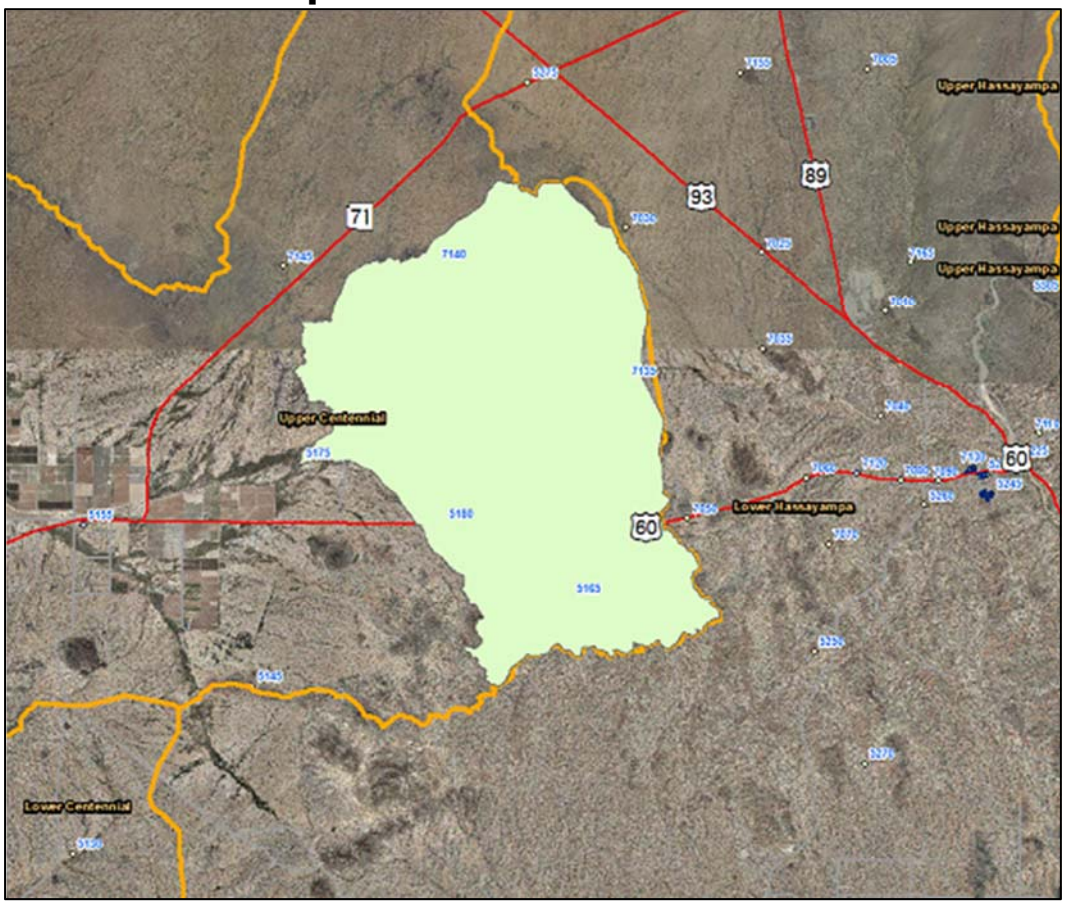
Centennial Wash near Aguila, ID #5178

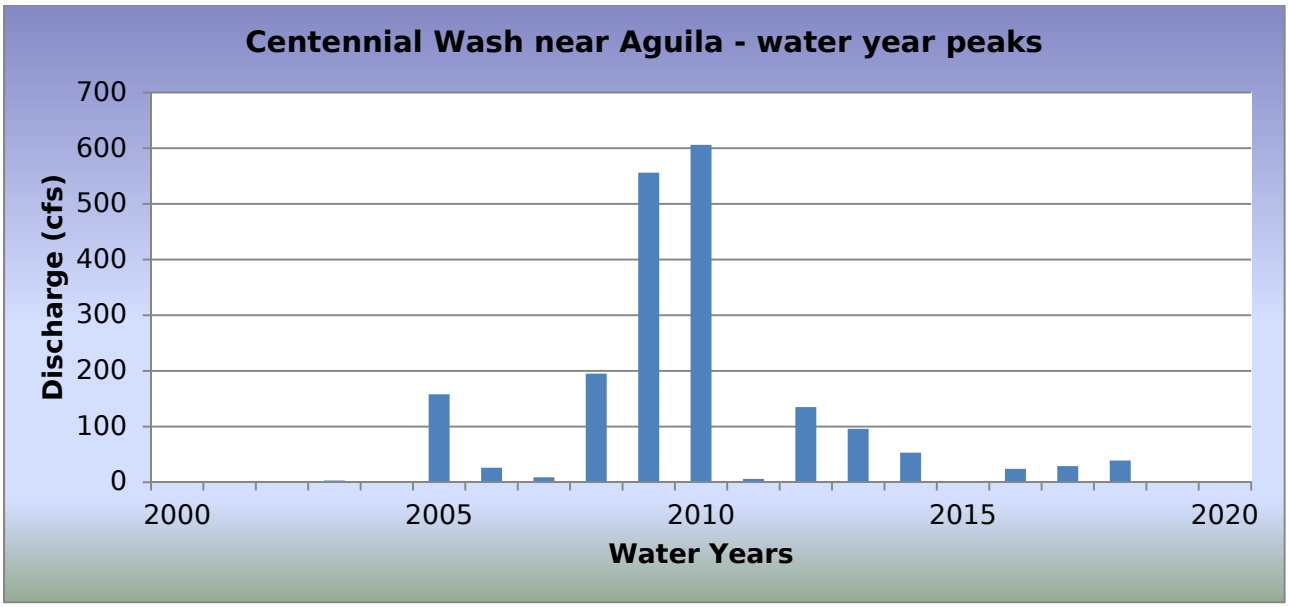


Site Data

LOCATION	Along the Arizona and California Railroad east of SR 71
DRAINAGE AREA	93.4 MI^2
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	17.32 Years | 6,327 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

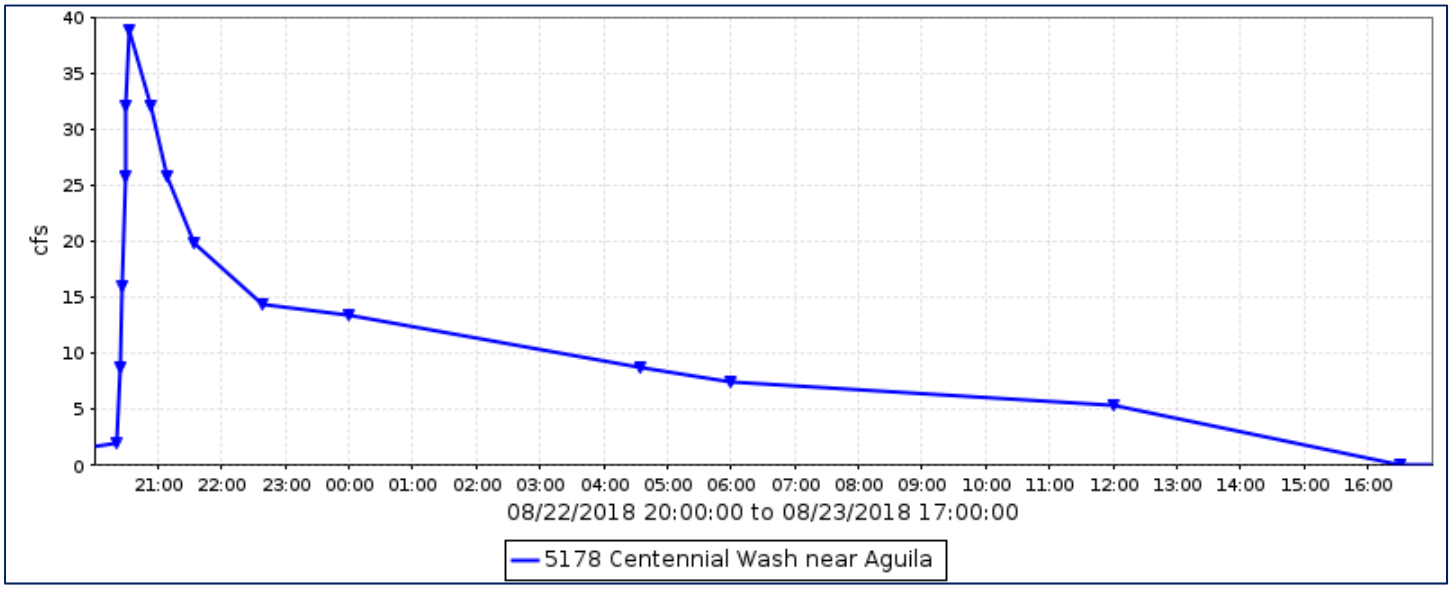




WY2018 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
07/28/2018	0.63	28
08/22/2018	0.80	39

Hydrograph of peak WY 2018 flow event, 08/22/2018



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**
28	**140**	**312**	**591**	**1,190**	**1,860**

Centennial Wash near Aguila, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

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

WTR YR 2018 TOTAL 15 MEAN 0 MAX 39 MIN 0 AC_FT 30

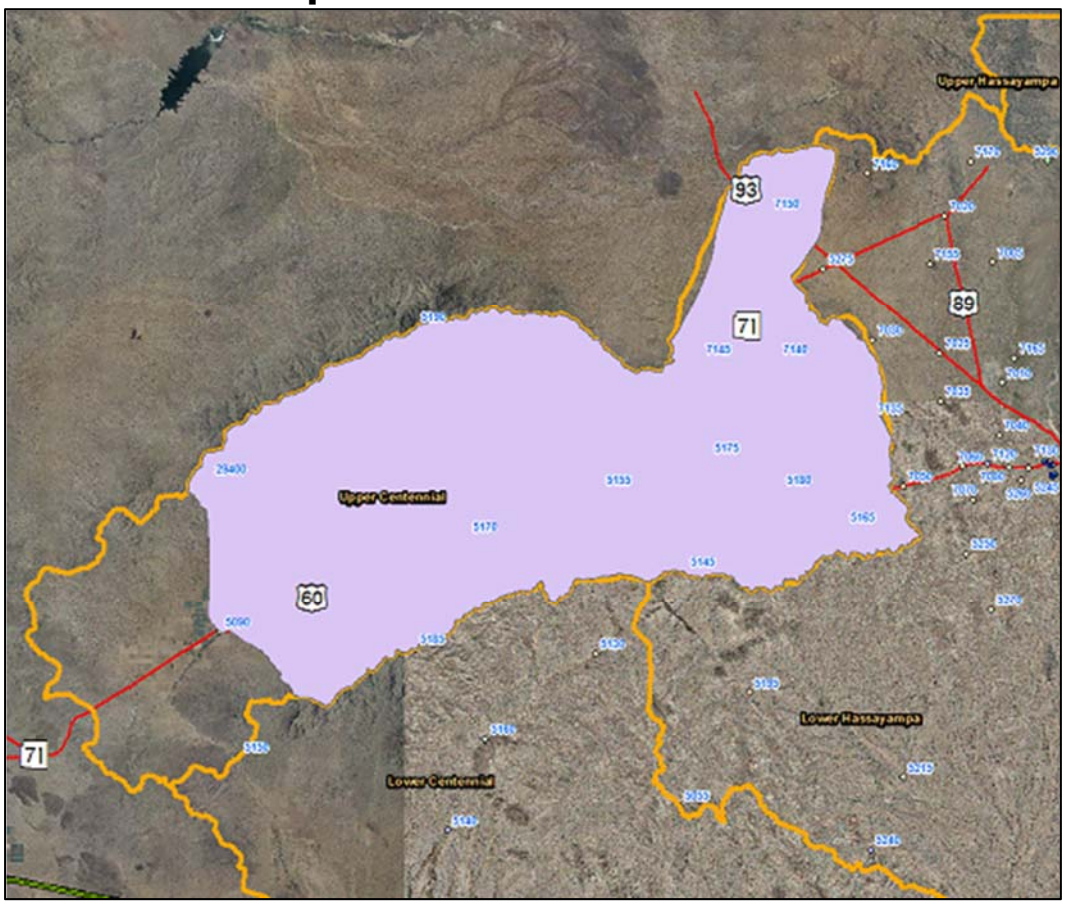
Centennial Wash at Wenden, ID #5093

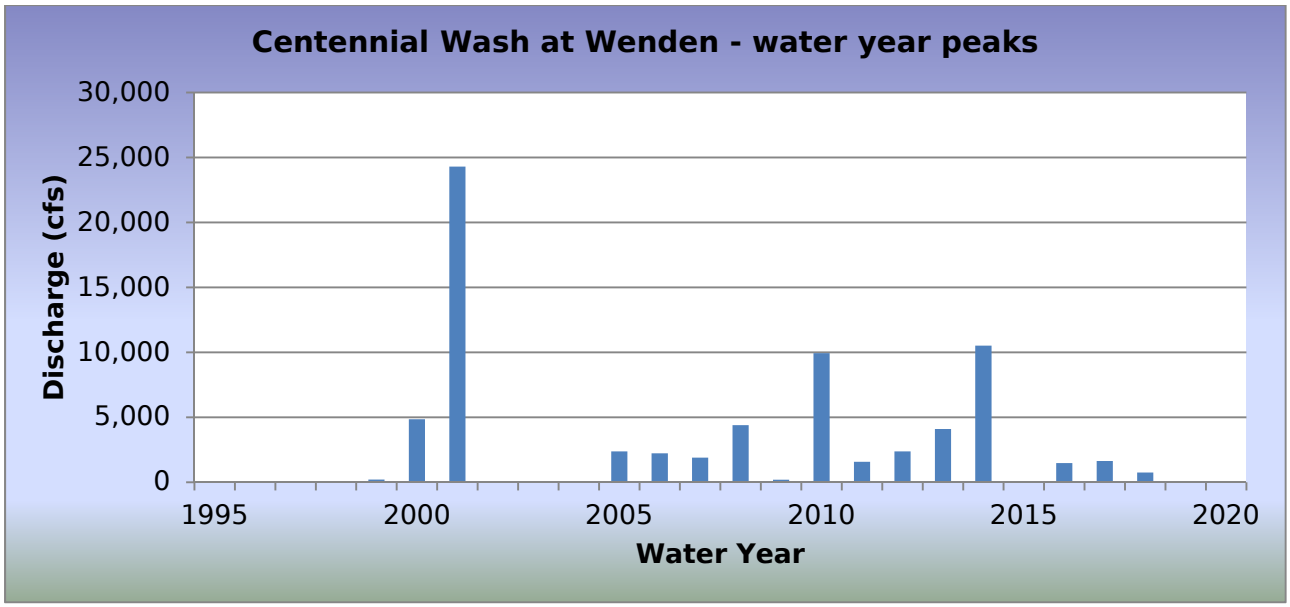


Site Data

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	20.04 Years | 7,320 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	1
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

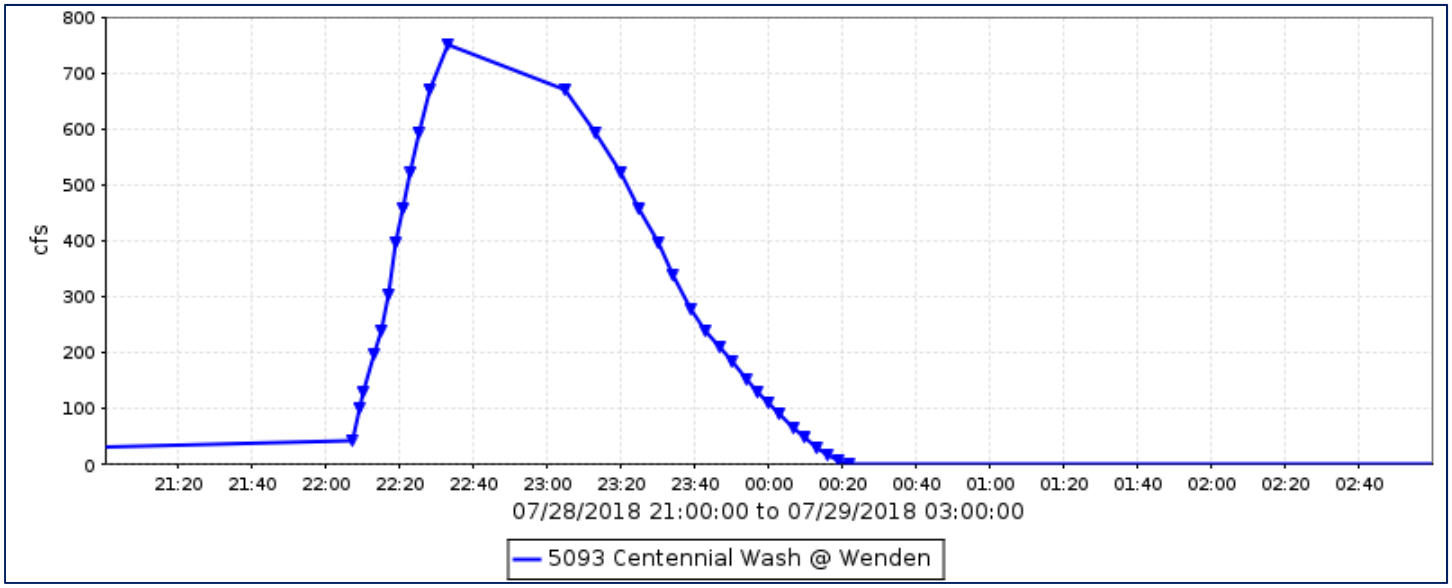




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
07/12/2018	0.37	35
07/13/2018	1.72	475
07/28/2018	2.09	751
07/30/2018	0.75	105

Hydrograph of peak WY 2018 flow event, 07/28/2018



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**
1,300	**6,010**	**12,300**	**21,200**	**37,600**	**53,700**

NOTE: These results are based on very limited data.

Centennial Wash at Wenden, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												---
11								---				---
12								---		1		
13								---		80		
14										1		
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28										39		
29					---					9		
30					---					12		
31		---			---		---		---			---
TOTAL	0	0	0	0	0	0	0	0	0	145	0	0
MEAN	0	0	0	0	0	0	0	0	0	5	0	0
MAX	0	0	0	0	0	0	0	0	0	751	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	287	0	0

WTR YR 2018 TOTAL 145 MEAN 0 MAX 751 MIN 0 AC_FT 287

Centennial Levee, ID #5123

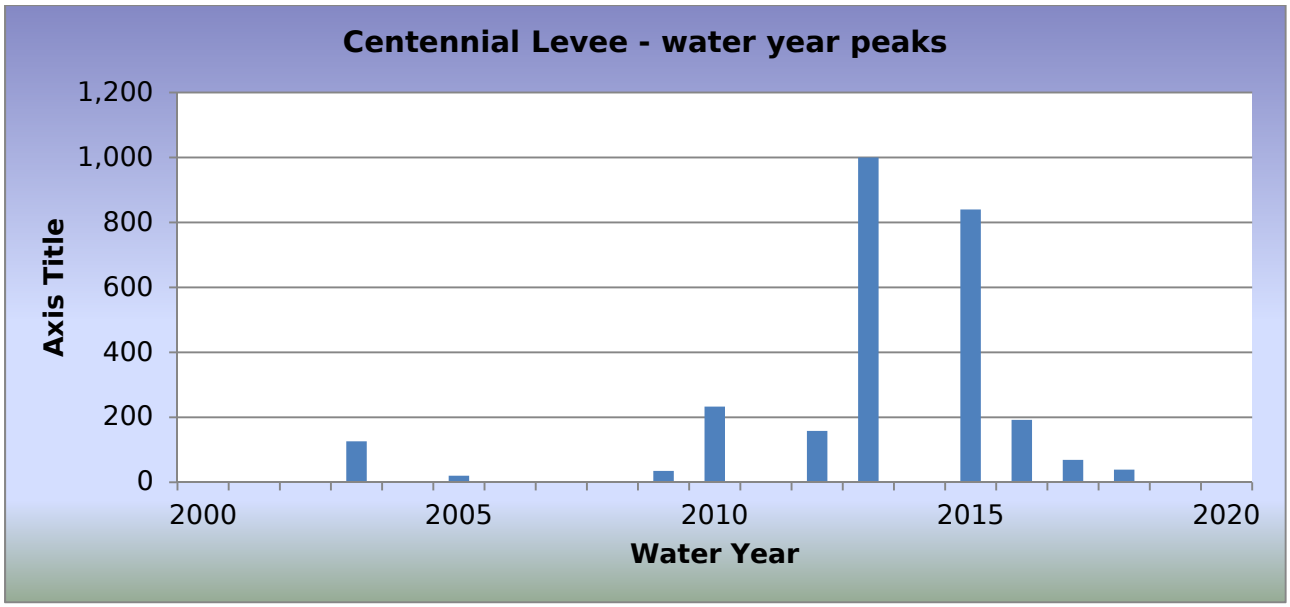


Site Data

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	15.23 Years | 5,563 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.65 feet Gage Height
STAFF GAGES	1
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

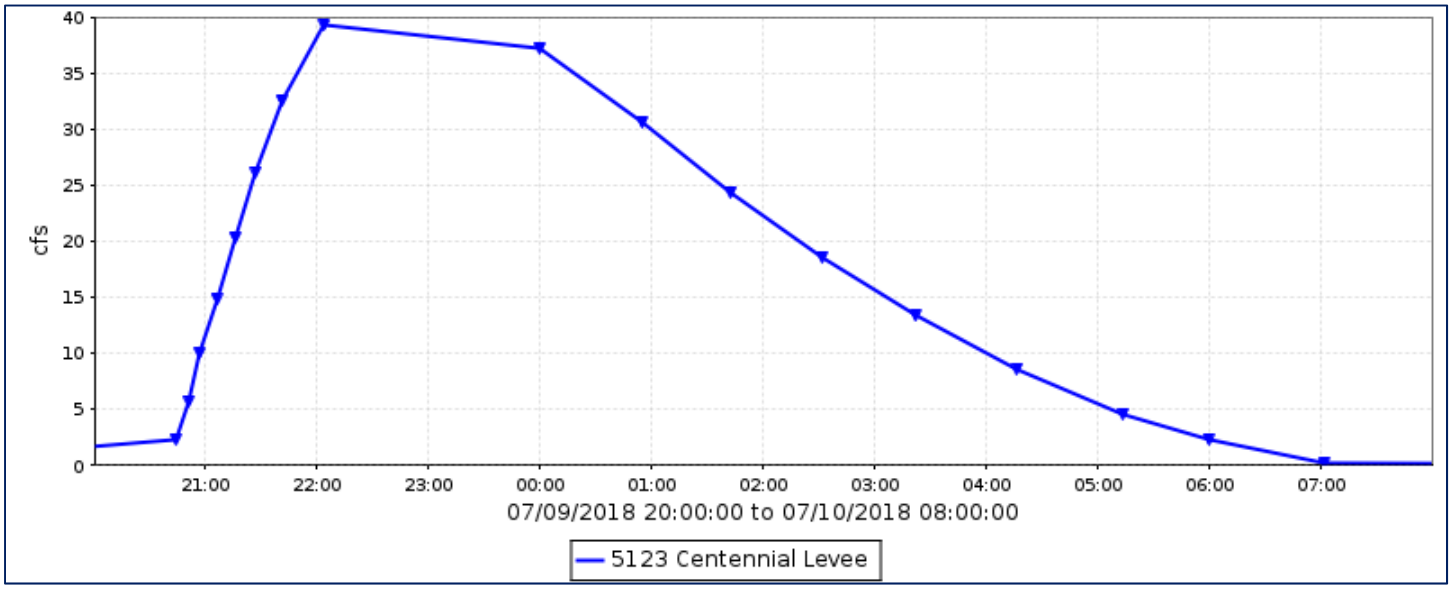




WY2018 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
07/09/2018	1.46	39

Hydrograph of peak WY 2018 flow event, 07/09/2018



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 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9										4		
10										5		
11					---							
12												
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23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	0	0	0	0	0	0	9	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	39	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	18	0	0

WTR YR 2018 TOTAL 10 MEAN 0 MAX 39 MIN 0 AC_FT 19

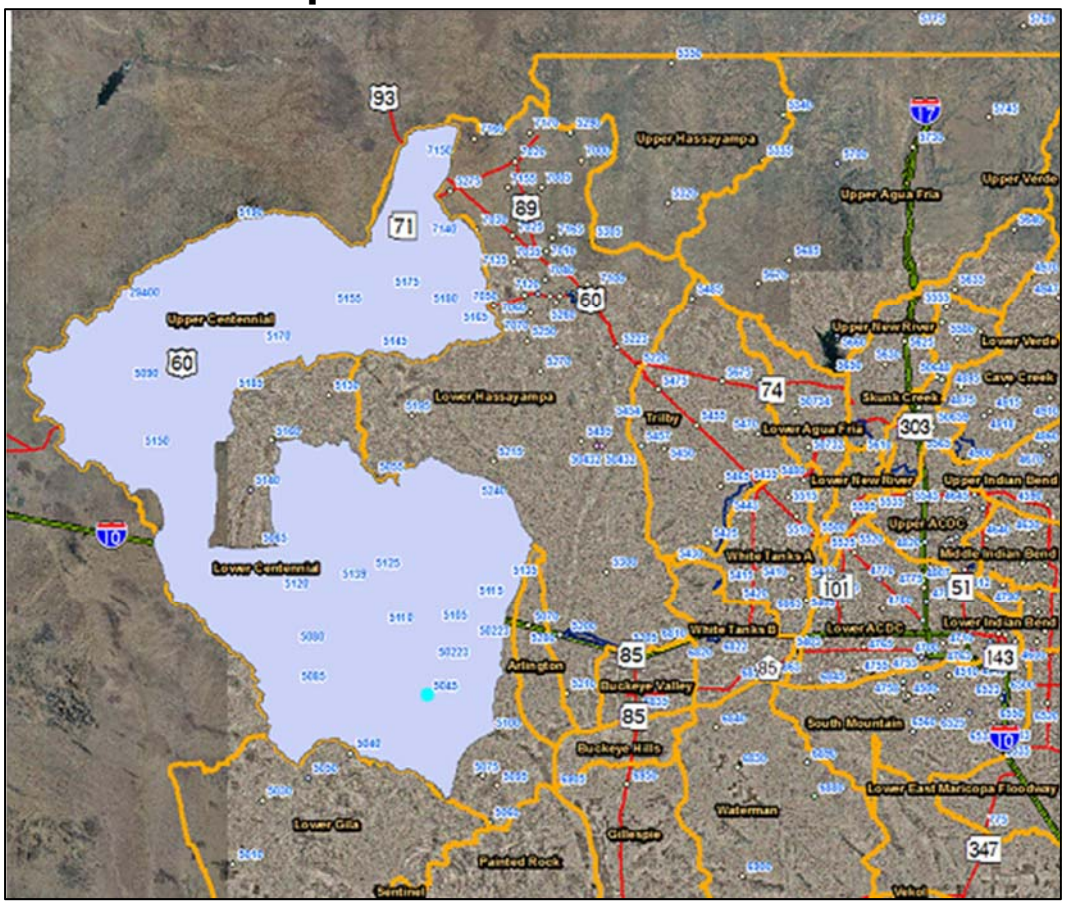
Centennial Wash at SPRR, ID #5103

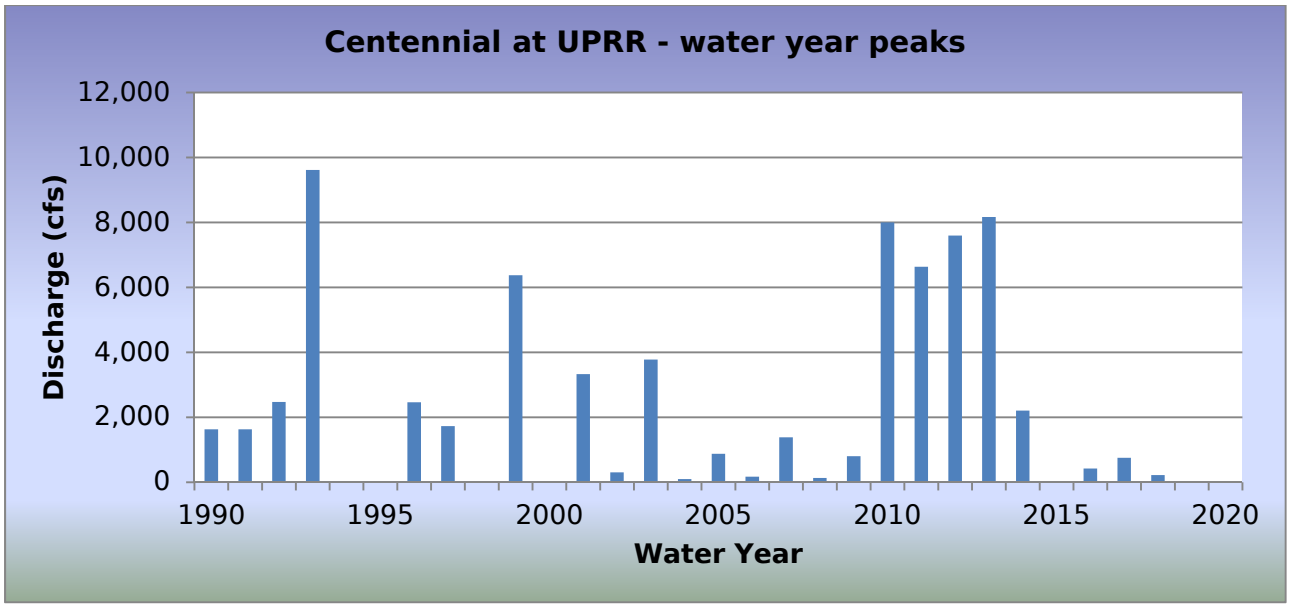


Site Data

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	28.64 Years | 10,461 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

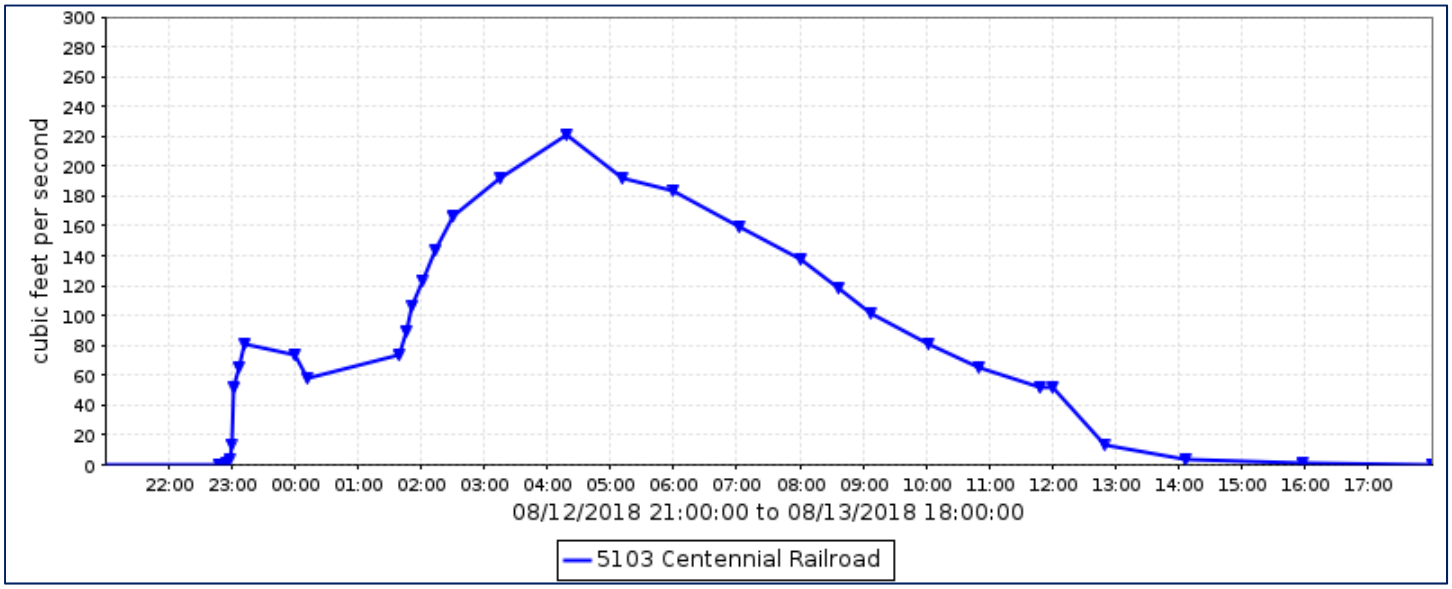




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
08/13/2018	6.20	221
08/15/2018	5.55	81

Hydrograph of peak WY 2018 flow event, 08/13/2018



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**
1,050	**3,920**	**7,380**	**12,100**	**20,400**	**28,400**

NOTE: These results are based on limited data.

Centennial Wash at SPRR, runoff data

Discharge, in cub, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12											3	
13											69	
14												
15											11	
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	83	0
MEAN	0	0	0	0	0	0	0	0	0	0	3	0
MAX	0	0	0	0	0	0	0	0	0	0	221	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	165	0

WTR YR 2018 TOTAL 83 MEAN 0 MAX 221 MIN 0 AC_FT 165

Centennial Tributary at Dobbins Road, ID #5049

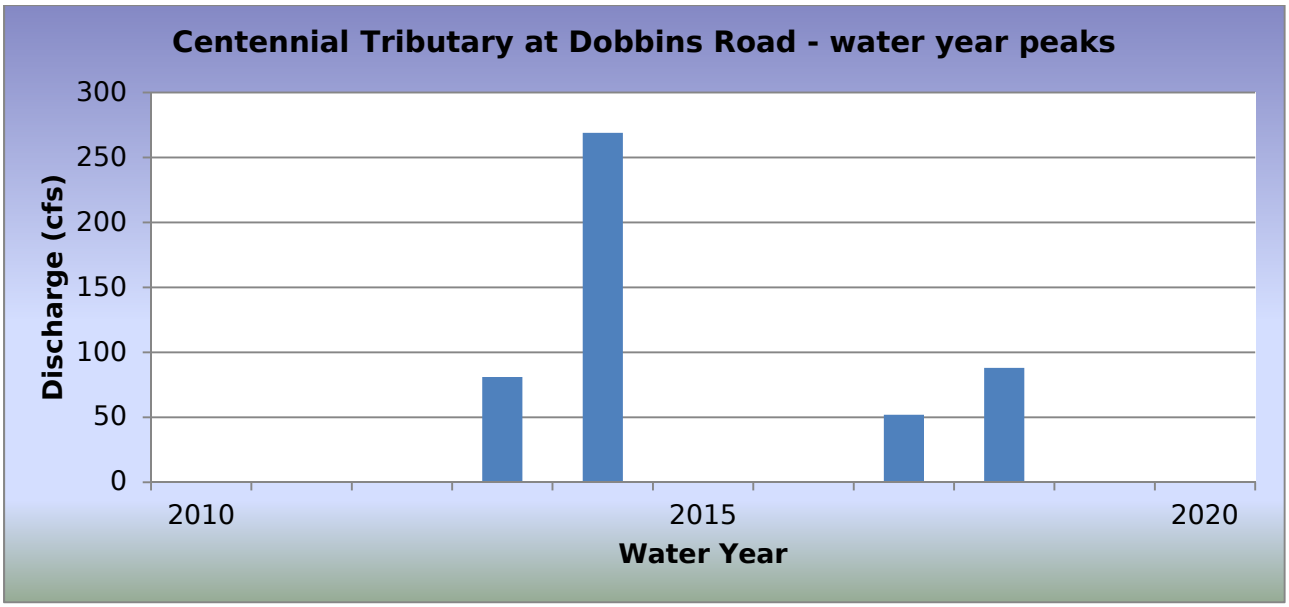


Site Data

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	6.00 Years | 2,191 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

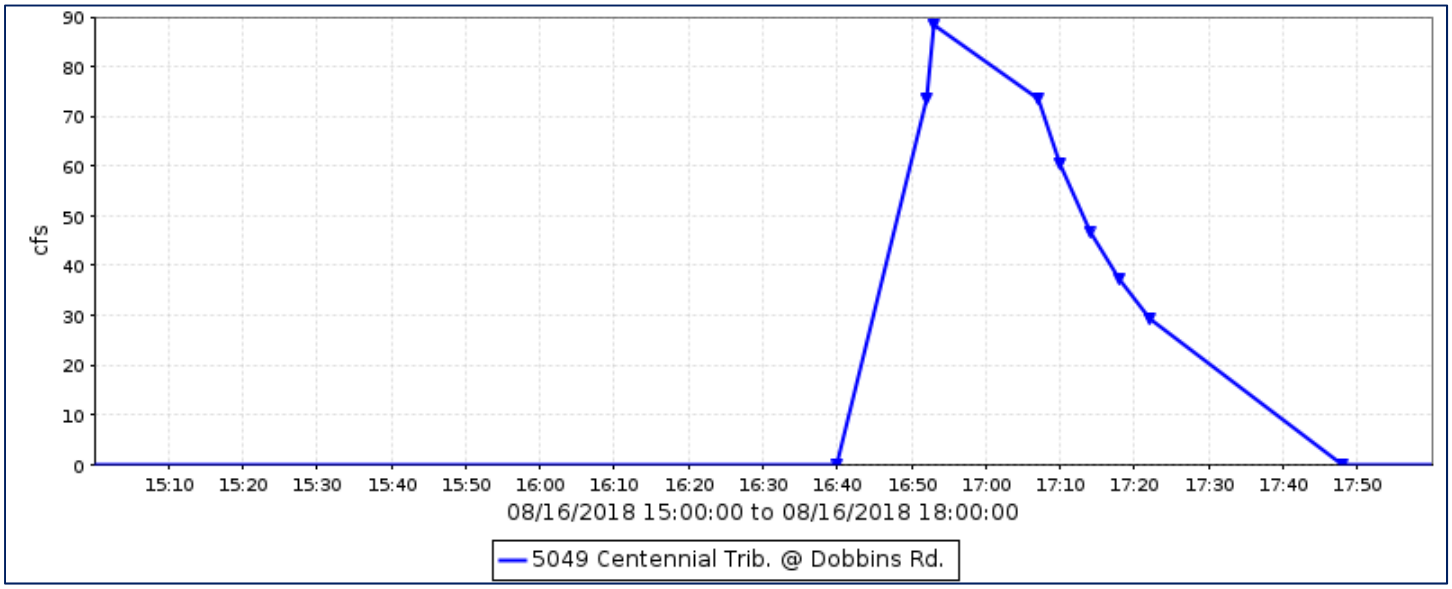




WY2018 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
07/08/2018	1.65	58
08/16/2018	1.87	88

Hydrograph of peak WY 2018 flow event, 08/16/2018



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 2017 to September 2018

Daily Mean Values

DAY	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											2	
17												
18												
19												
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22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	0	0	0	0	0	0	2	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	58	88	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	0	0	0	4	4	0

WTR YR 2018 TOTAL 4 MEAN 0 MAX 88 MIN 0 AC_FT 8

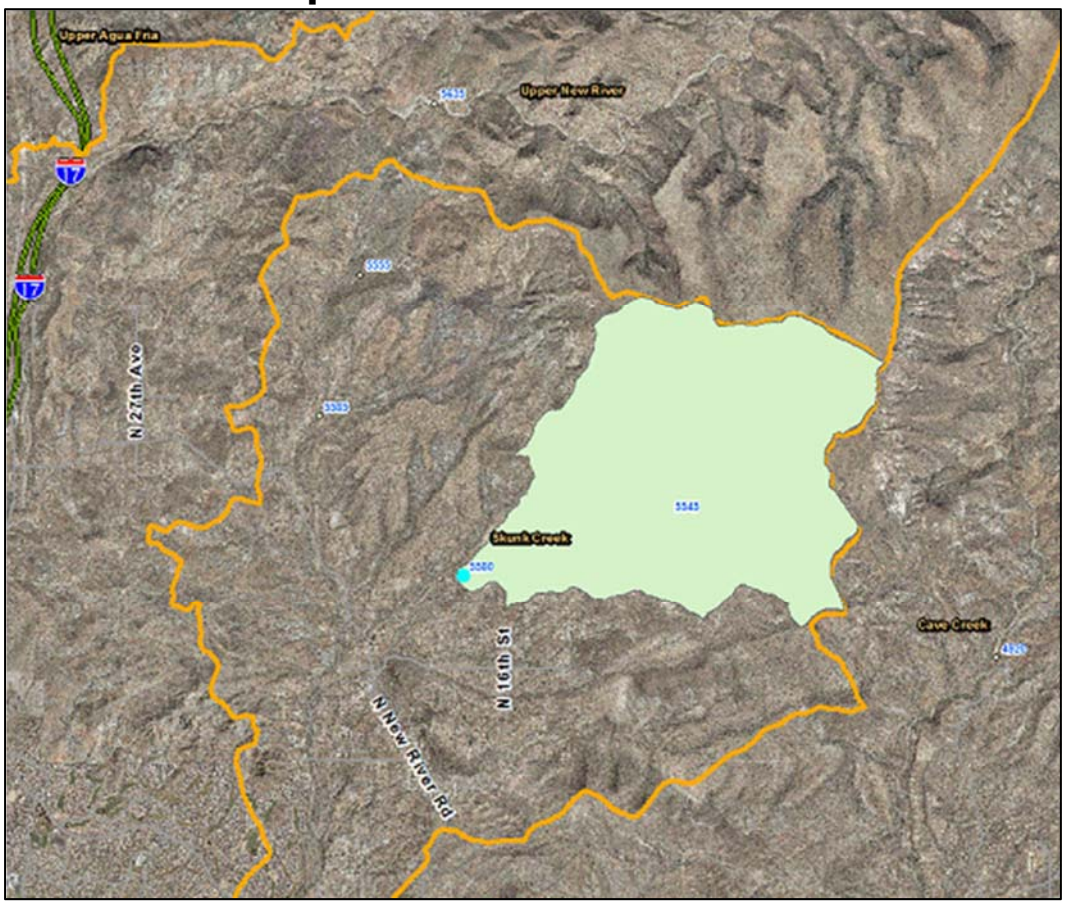
Cline Creek, ID #5583

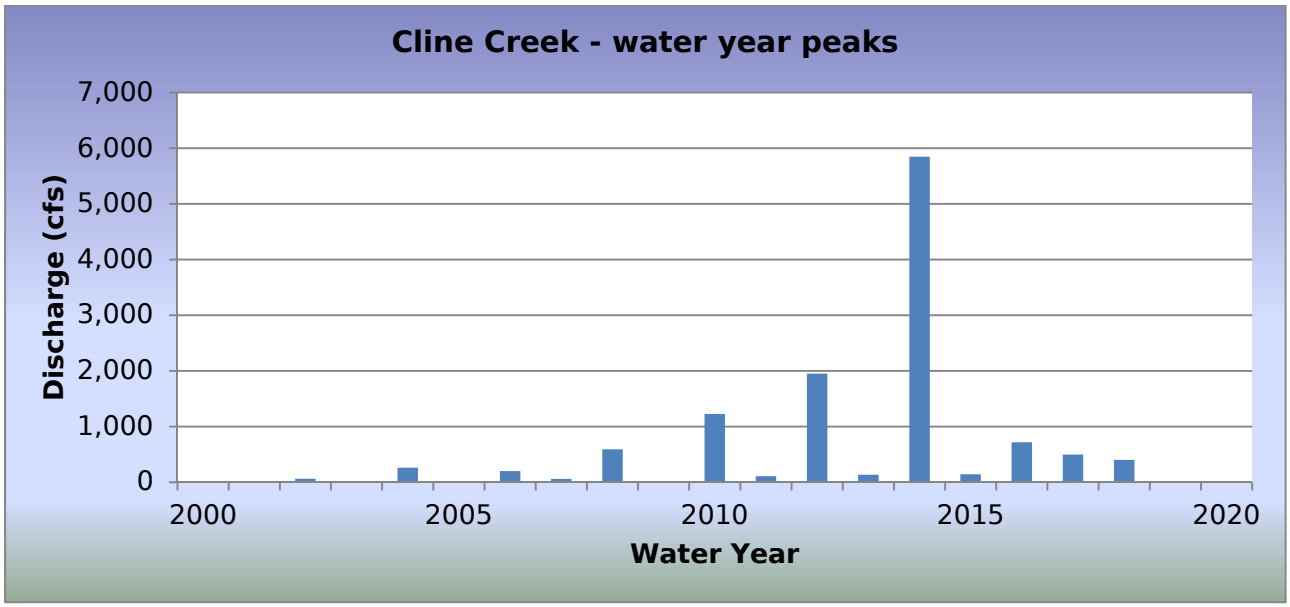


Site Data

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	16.86 Years | 6,159 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

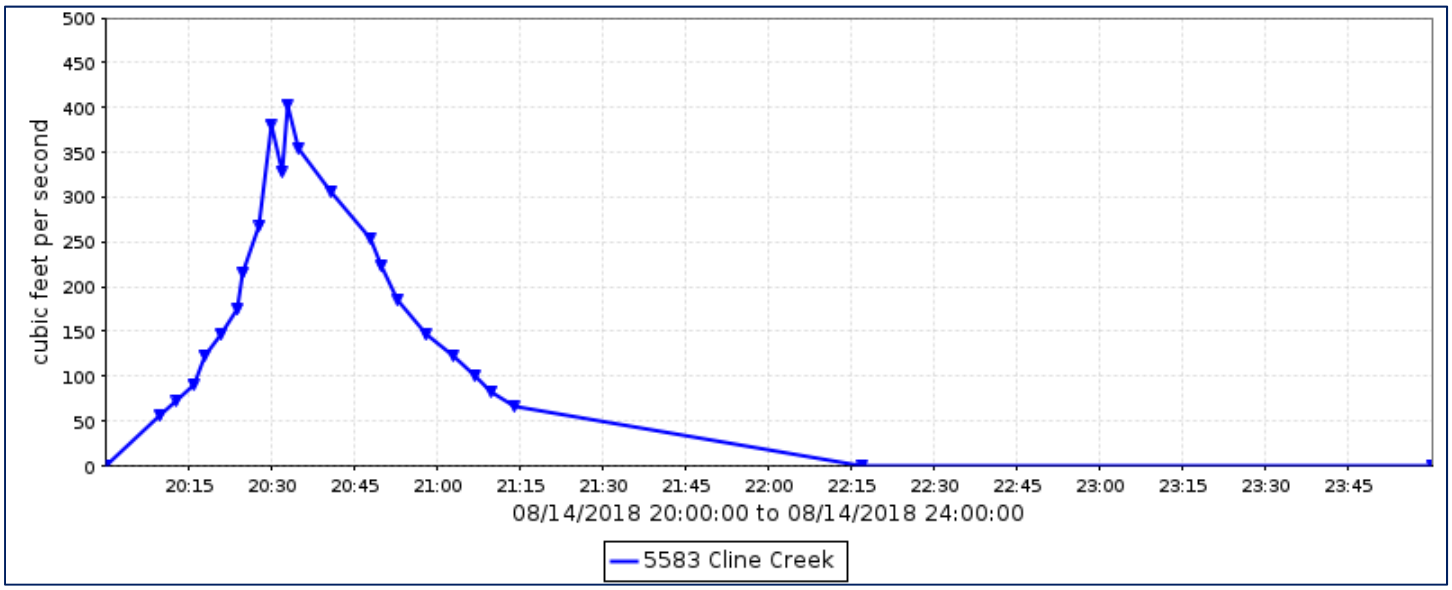




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
07/14/2018	1.54	117
08/14/2018	2.61	403

Hydrograph of peak WY 2018 flow event, 08/14/2018



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**
184	**1,010**	**2,280**	**4,330**	**8,570**	**13,200**

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

Cline Creek, runoff data

Discharge, in cub, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14										4	12	
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	4	12	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	0	0	0	0	0	0	117	403	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	8	23	0

WTR YR 2018 TOTAL 16 MEAN 0 MAX 403 MIN 0 AC_FT 31

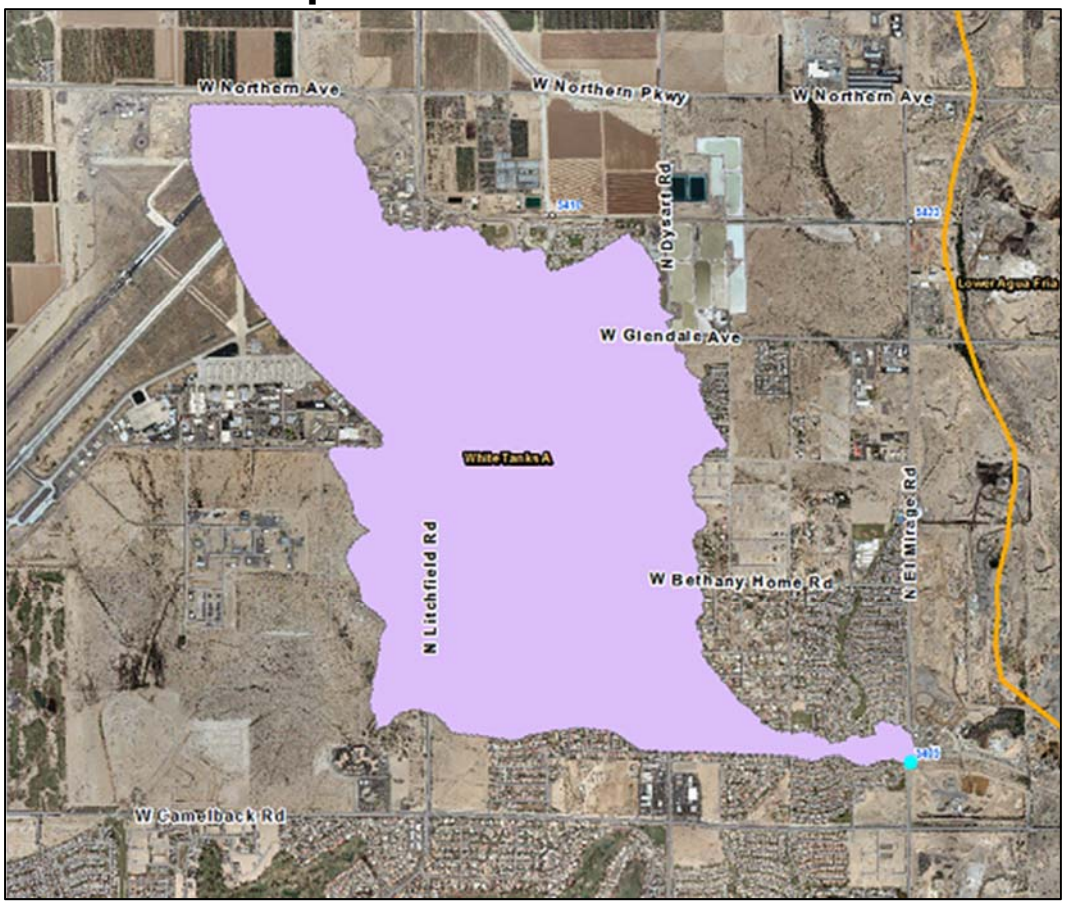
Colter Channel, ID #5408

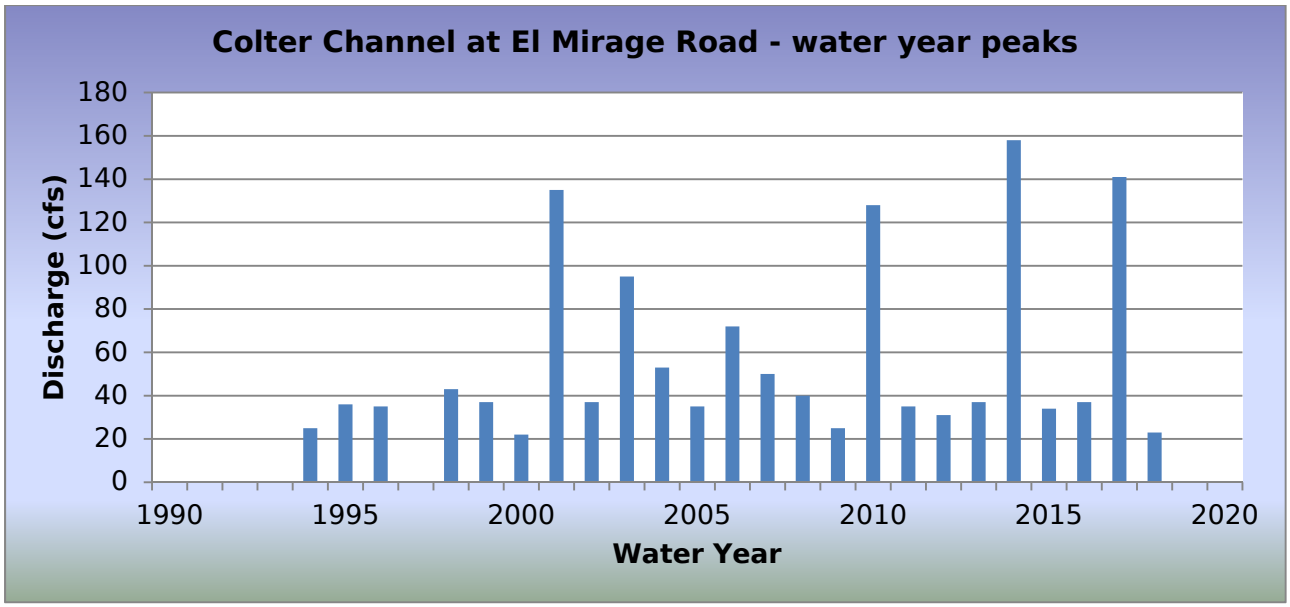


Site Data

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	24.26 Years | 8,860 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

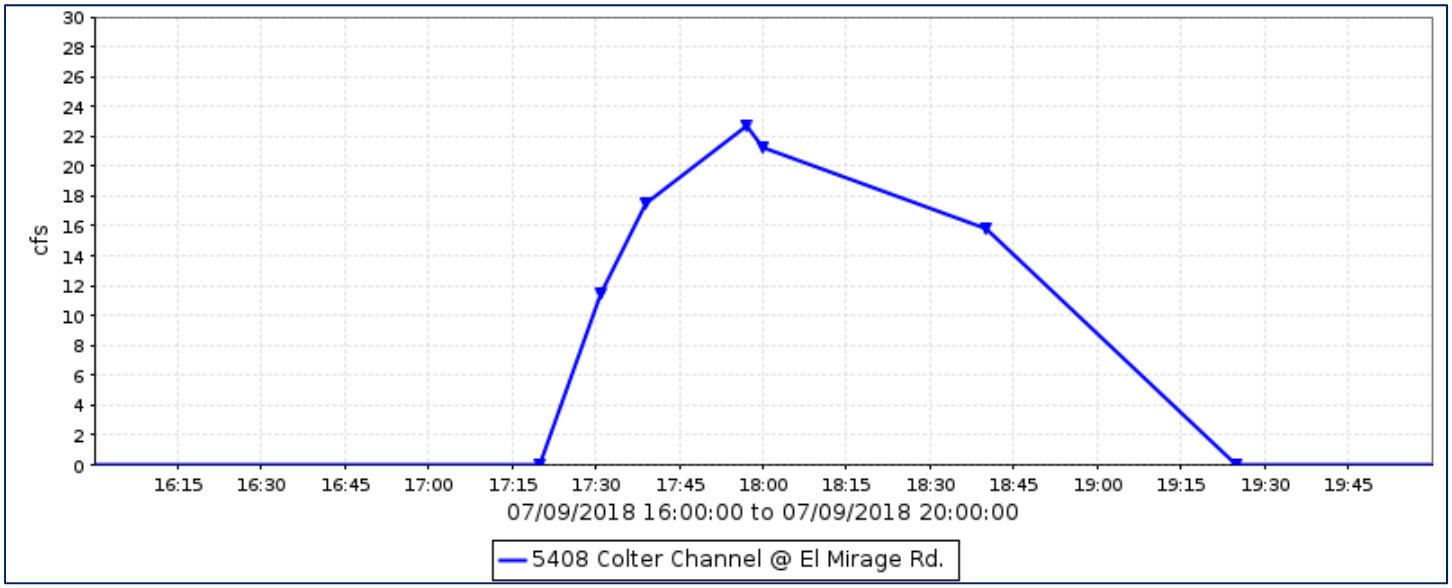




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
07/09/2018	0.42	23
08/08/2018	0.34	19
08/11/2018	0.34	19

Hydrograph of peak WY 2018 flow event, 07/09/2018



Flood Flow Frequency

Flood Flow Frequency N=25, HEC-WRC computation (based on 25 years of data)					
2-year	**5-year**	**10-year**	**20-year**	**50-year**	**100-year**
44	**74**	**101**	**131**	**179**	**222**

NOTE: These results are based on very limited data.

Colter Channel, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

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

WTR YR 2018 TOTAL 17 MEAN 0 MAX 39 MIN 0 AC_FT 35

Columbus Wash – ID #5013

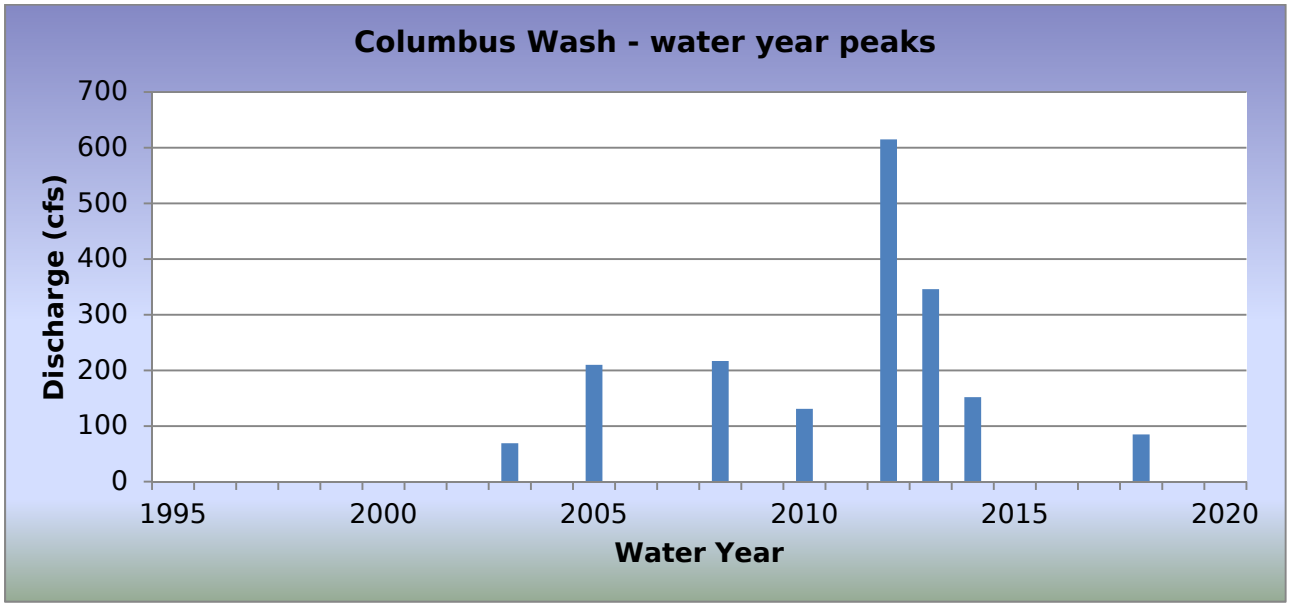


Site Data

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	19.03 Years | 6,949 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

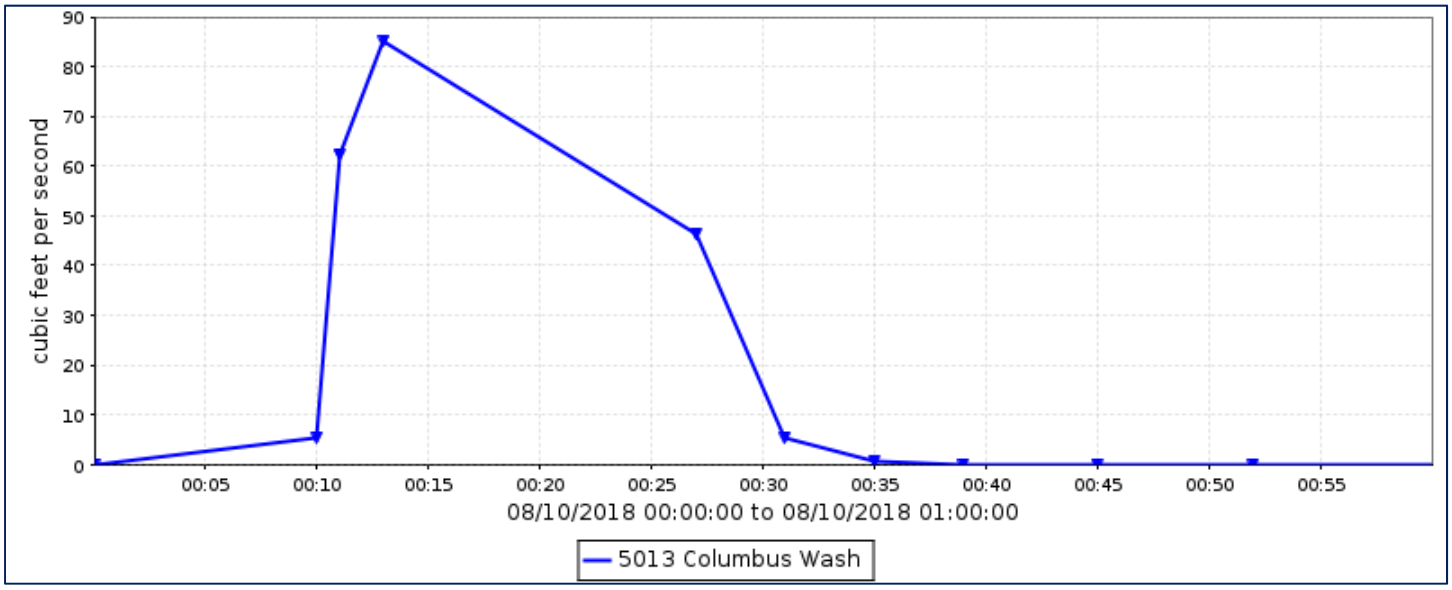




WY2018 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
08/10/2018	2.70	85
09/08/2018	2.58	66

Hydrograph of peak WY 2018 flow event



Flood Flow Frequency

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

Columbus Wash, runoff data

Discharge, in cub, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												4
9					---							
10					---						1	
11					---							
12												
13												
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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	1	4
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	0	0	0	0	0	0	0	85	66
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	2	8

WTR YR 2018 TOTAL 5 MEAN 0 MAX 85 MIN 0 AC_FT 10

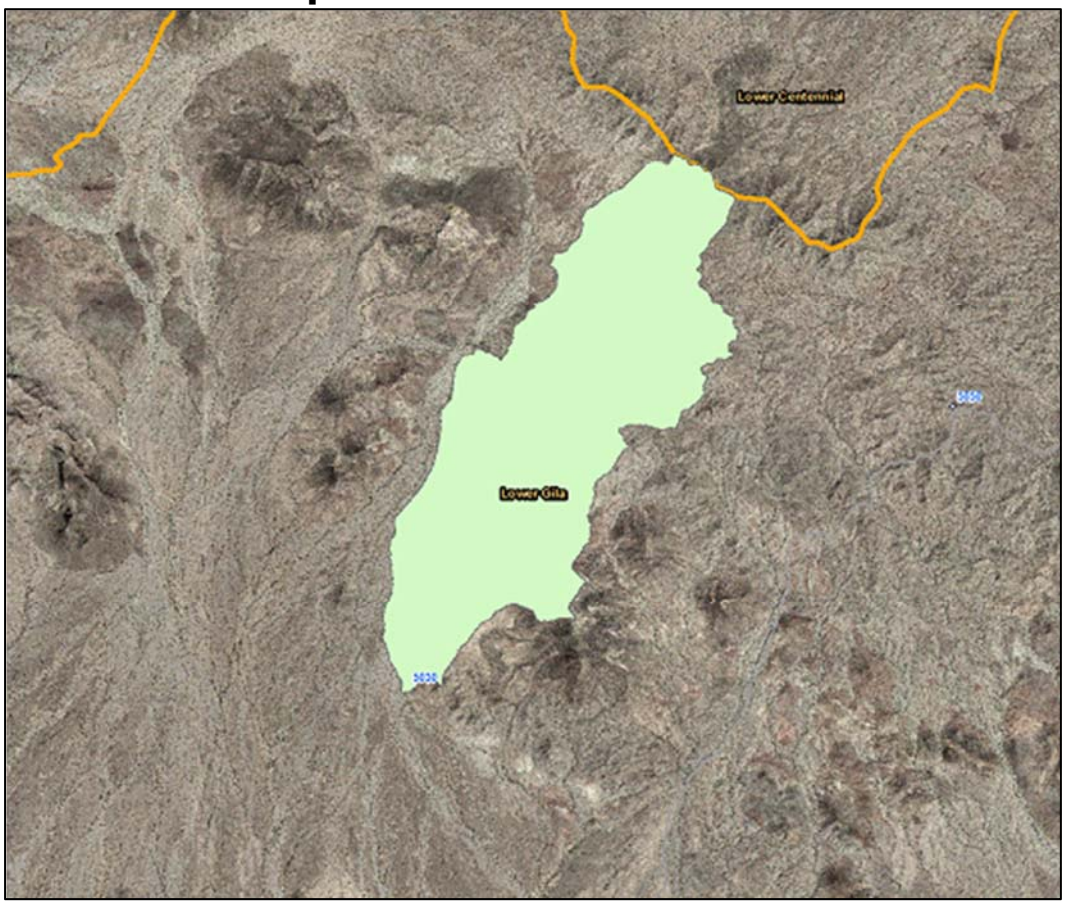
Copper Wash, ID #5033

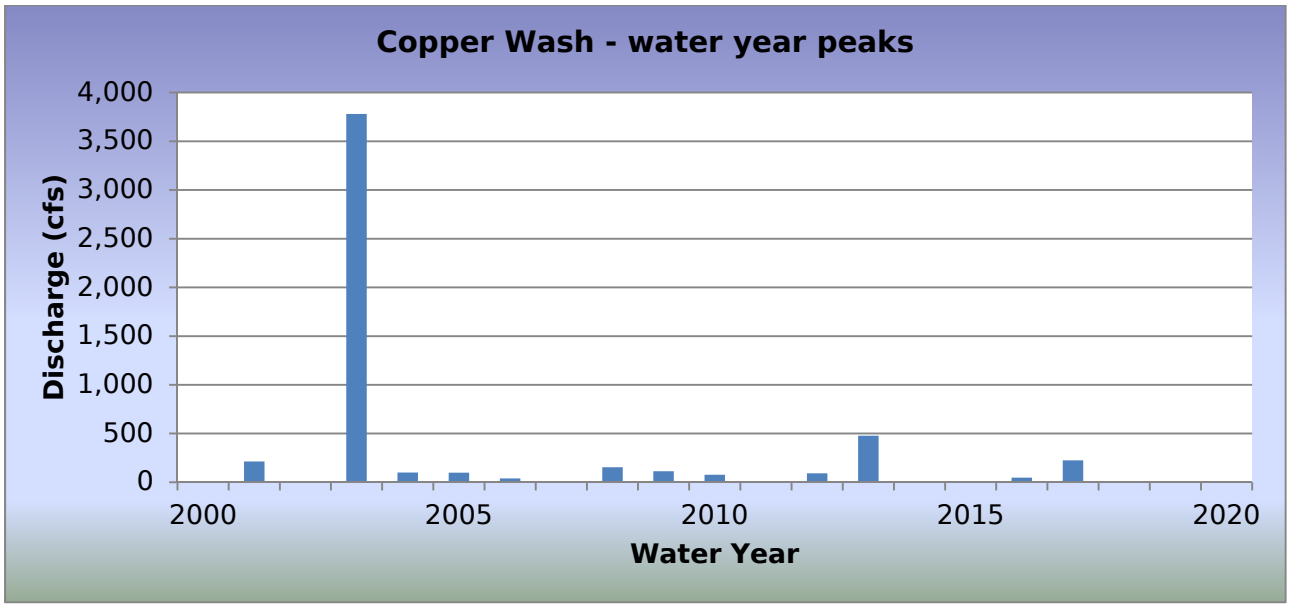


Site Data

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	17.61 Years | 6,432 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





WY2018 Events

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

Hydrograph of peak WY 2018 flow event,

No runoff events recorded during Water Year 2018.

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**
46	**288**	**703**	**1,420**	**3,030**	**4,910**

NOTE: These results are based on very limited data.

Copper Wash, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
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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 2018 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

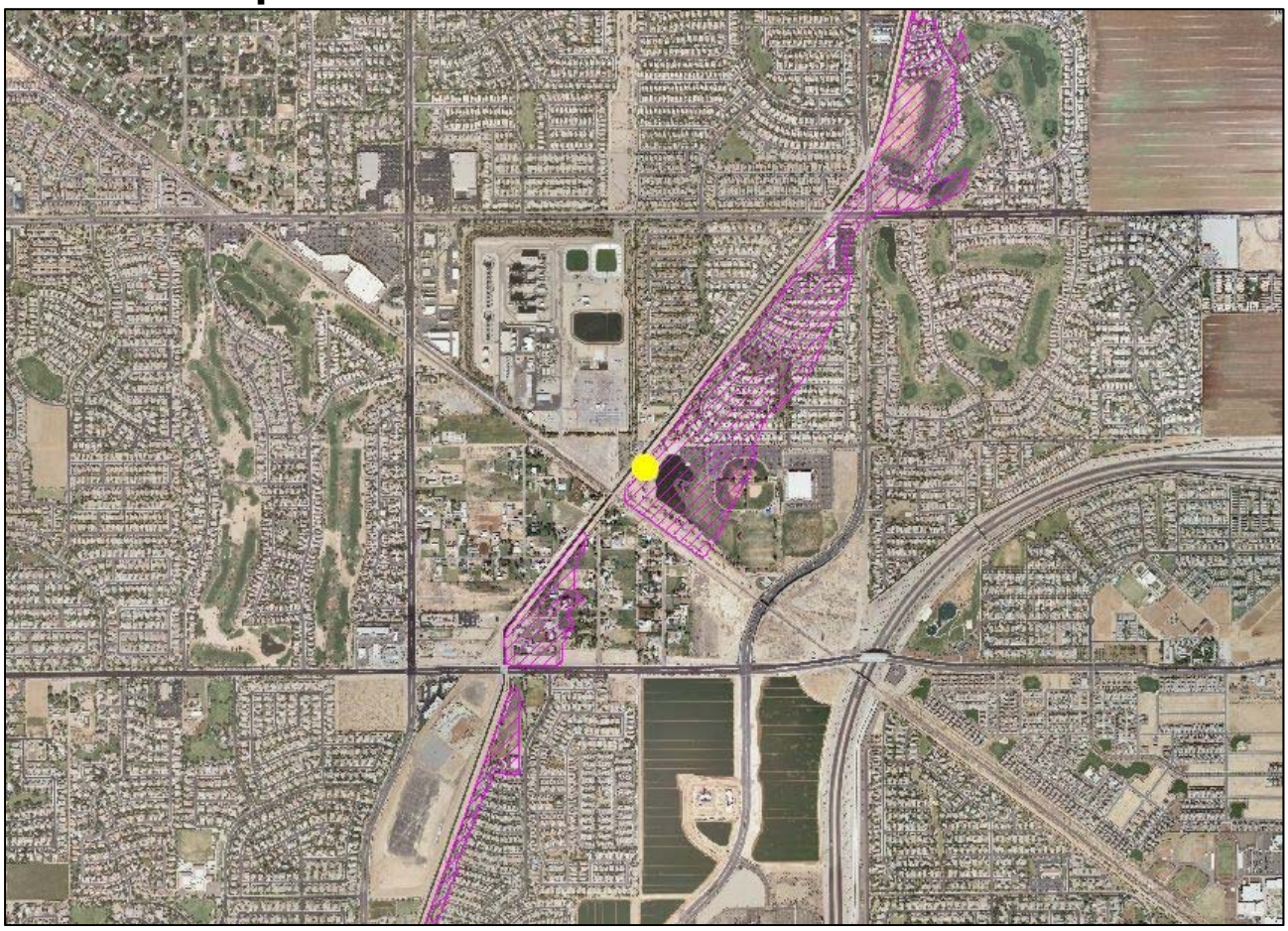
Crossroads Park Basin, ID #6623

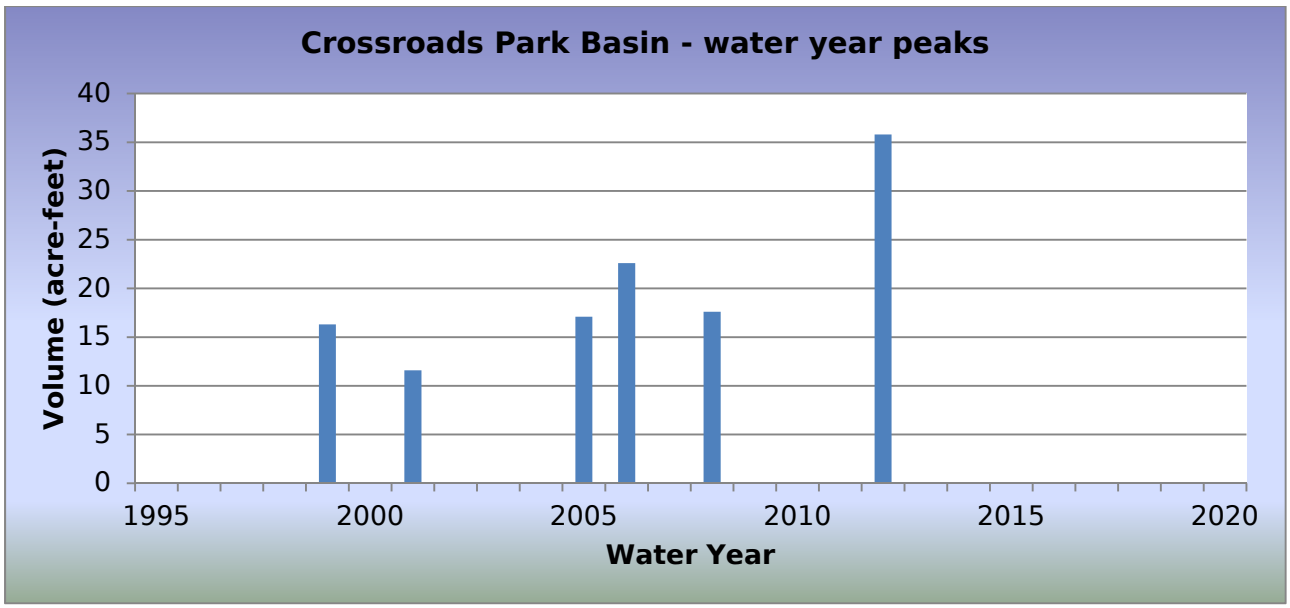


Site Data

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	22.79 Years | 8,323 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





WY2018 Events

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

Hydrograph of peak WY 2018 impoundment event

There were no impoundments above the base lake level recorded in Water Year 2018.

Crossroads Park, volume data

Volume, in acre-feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
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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 2018 MEAN 0 MAX 0 MIN 0

Crossroads Park Basin, stage data

Depth, in feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
2	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
4	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	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 2018 MEAN 1.33 MAX 1.33 MIN 1.33

Cruff Wash, ID #5078

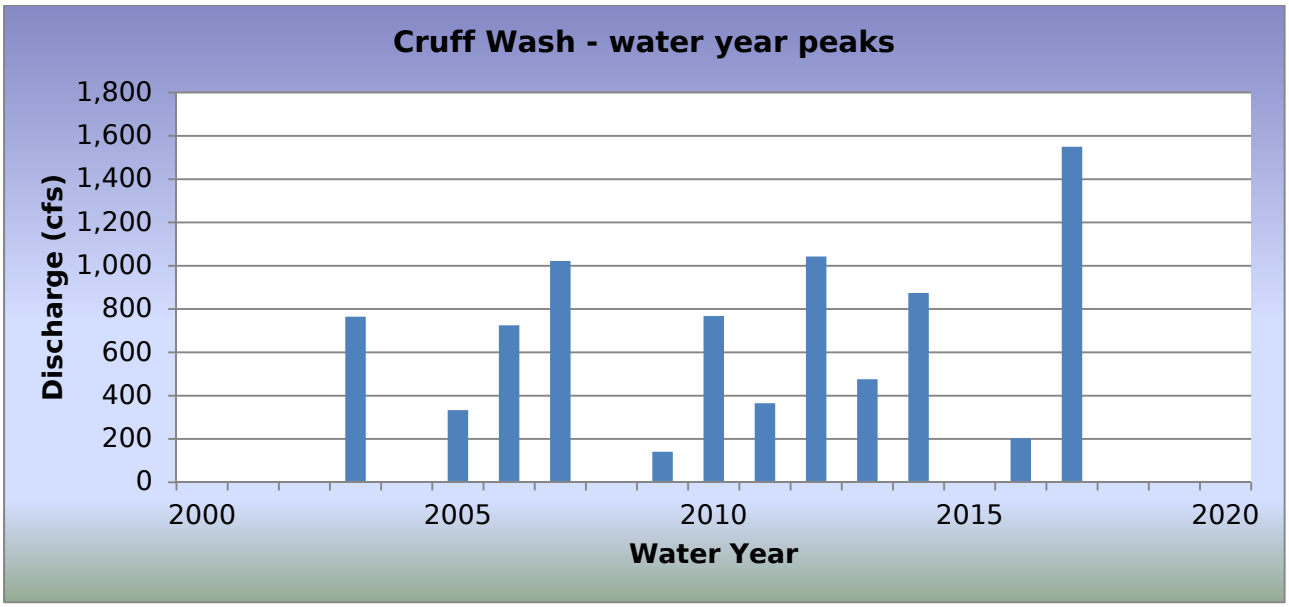


Site Data

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	16.38 Years | 5,984 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





WY2018 Events

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

Hydrograph of peak WY 2018 flow event

There were no recorded runoff events during Water Year 2018.

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**
370	**874**	**1,300**	**1,770**	**2,440**	**2,980**

NOTE: These results are based on very limited data.

Cruff Wash, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
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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 2018 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

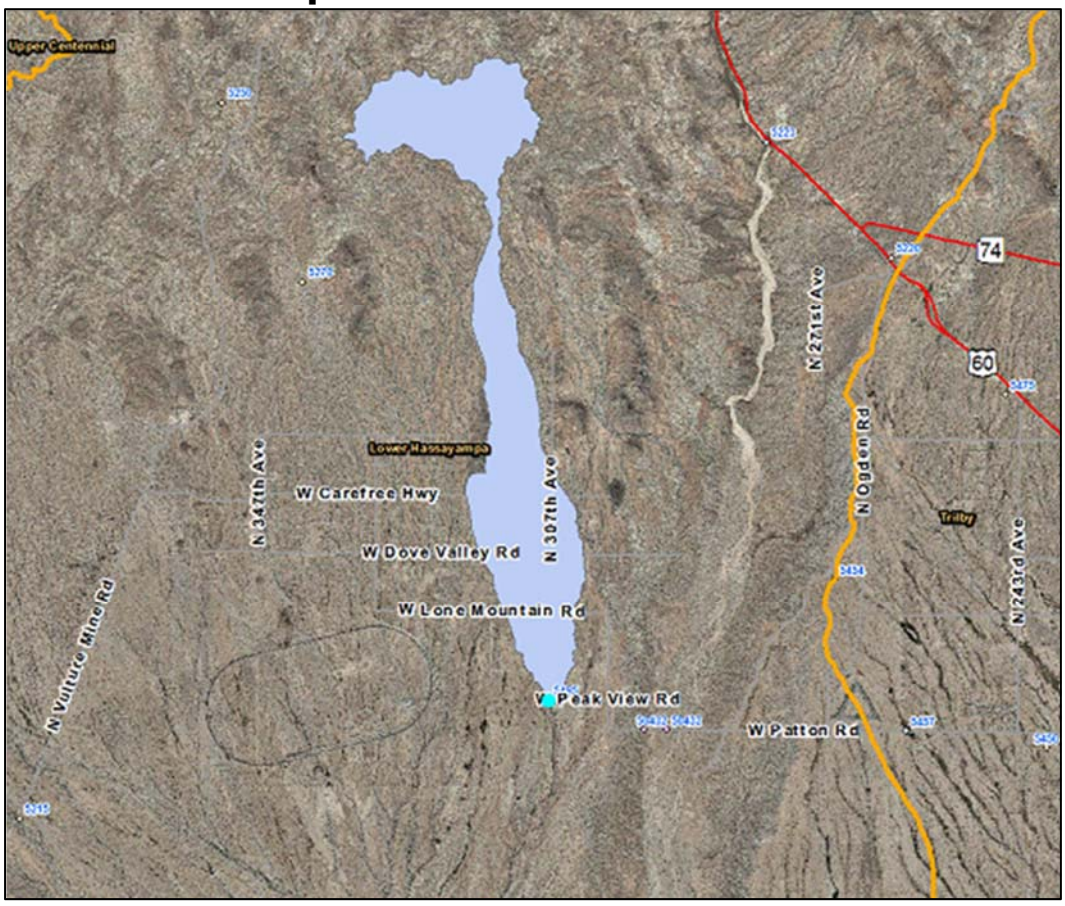
Daggs Wash, ID #5498

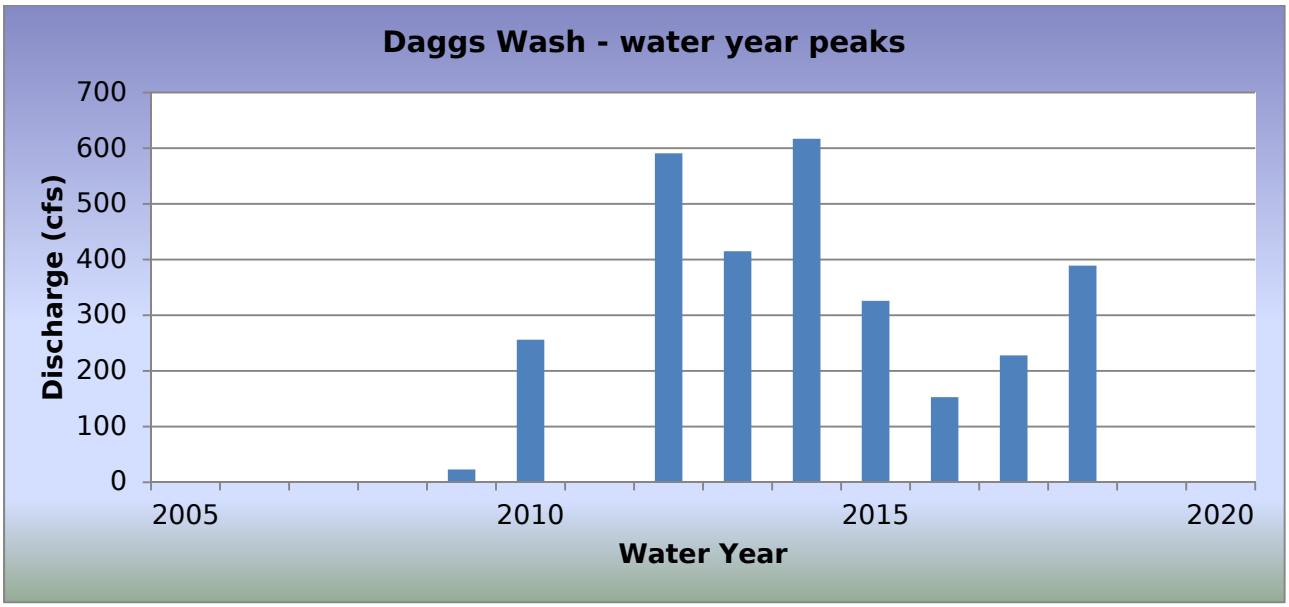


Site Data

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	10.90 Years | 3,980 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

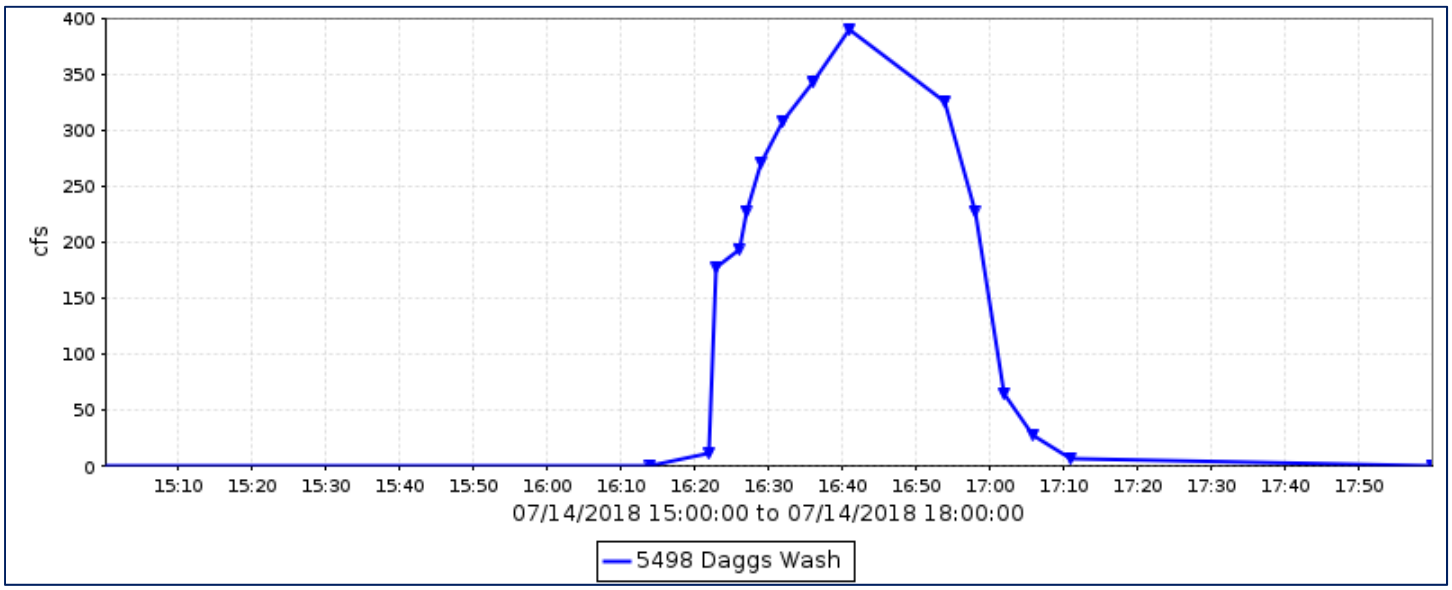




WY2018 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
07/11/2018	0.80	161
07/14/2018	1.45	389

Hydrograph of peak WY 2018 flow event, 07/14/2018



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 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11										6		
12												
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14										18		
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25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	0	0	0	0	0	0	15	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	389	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	29	0	0

WTR YR 2018 TOTAL 15 MEAN 0 MAX 389 MIN 0 AC_FT 29

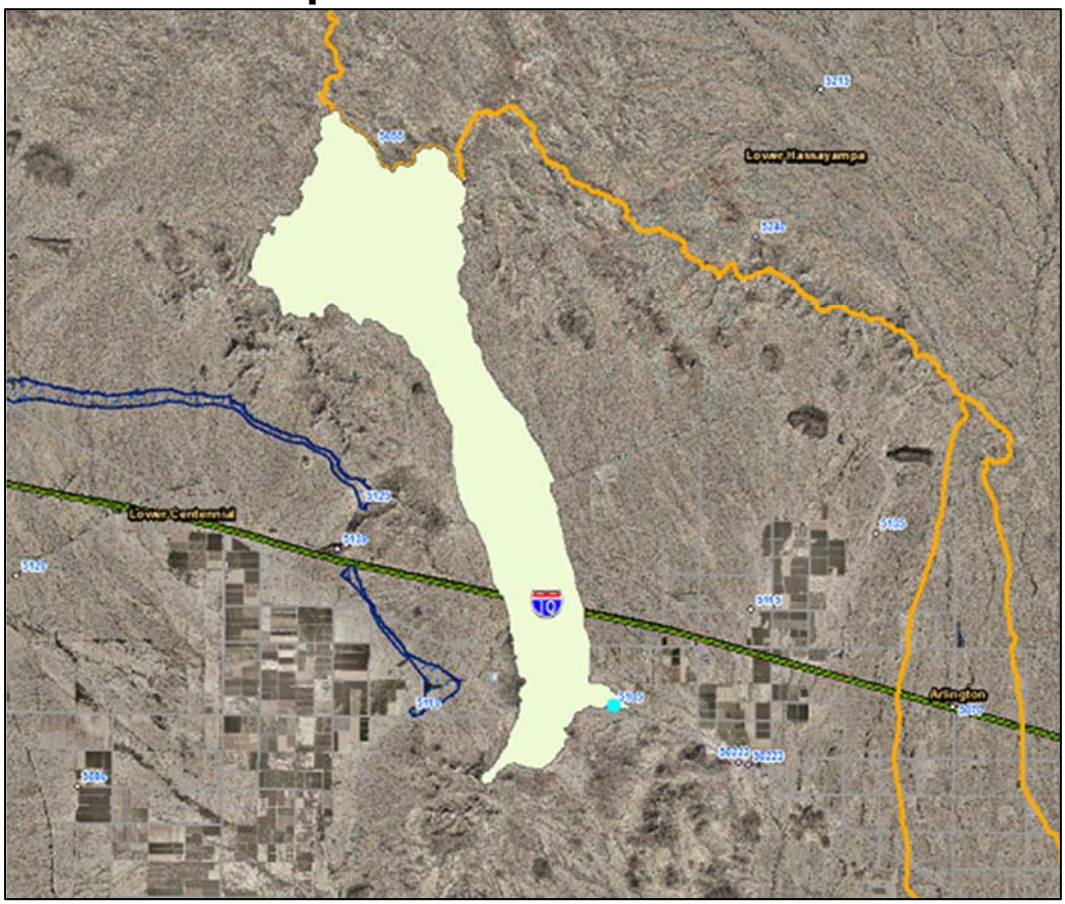
Delaney Wash – ID #5108

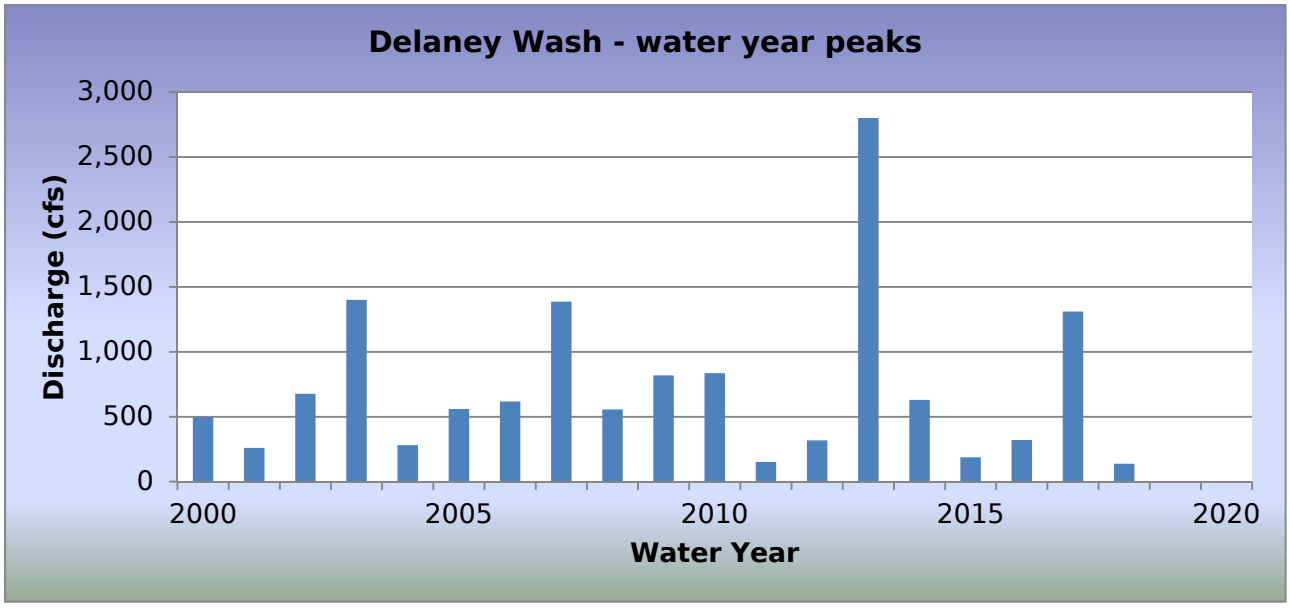


Site Data

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	18.78 Years | 6,858 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

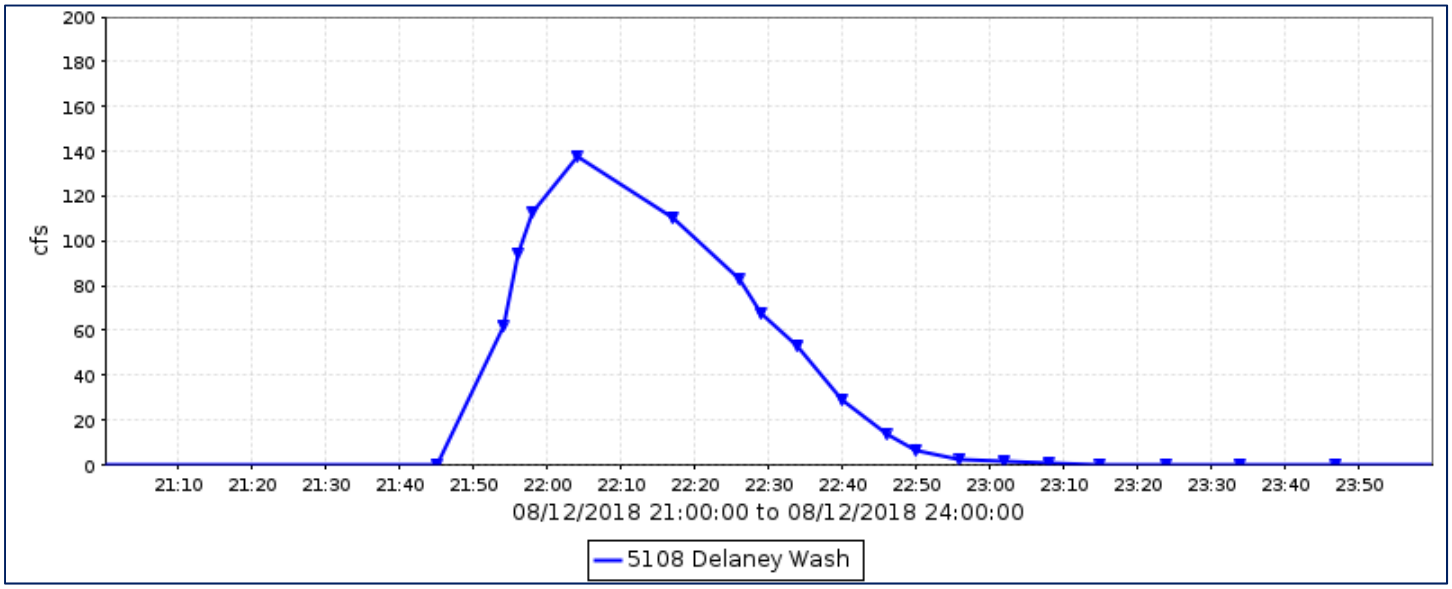




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
08/12/2018	2.01	138

Hydrograph of peak WY 2018 flow event, 08/12/2018



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**
531	**1,050**	**1,500**	**2,010**	**2,810**	**3,500**

NOTE: These results are based on very limited data.

Delaney Wash, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10			---									
11												
12											3	
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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	120	0	0	0	0	0	53	0	5	138	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	7	0

WTR YR 2018 TOTAL 4 MEAN 0 MAX 138 MIN 0 AC_FT 7

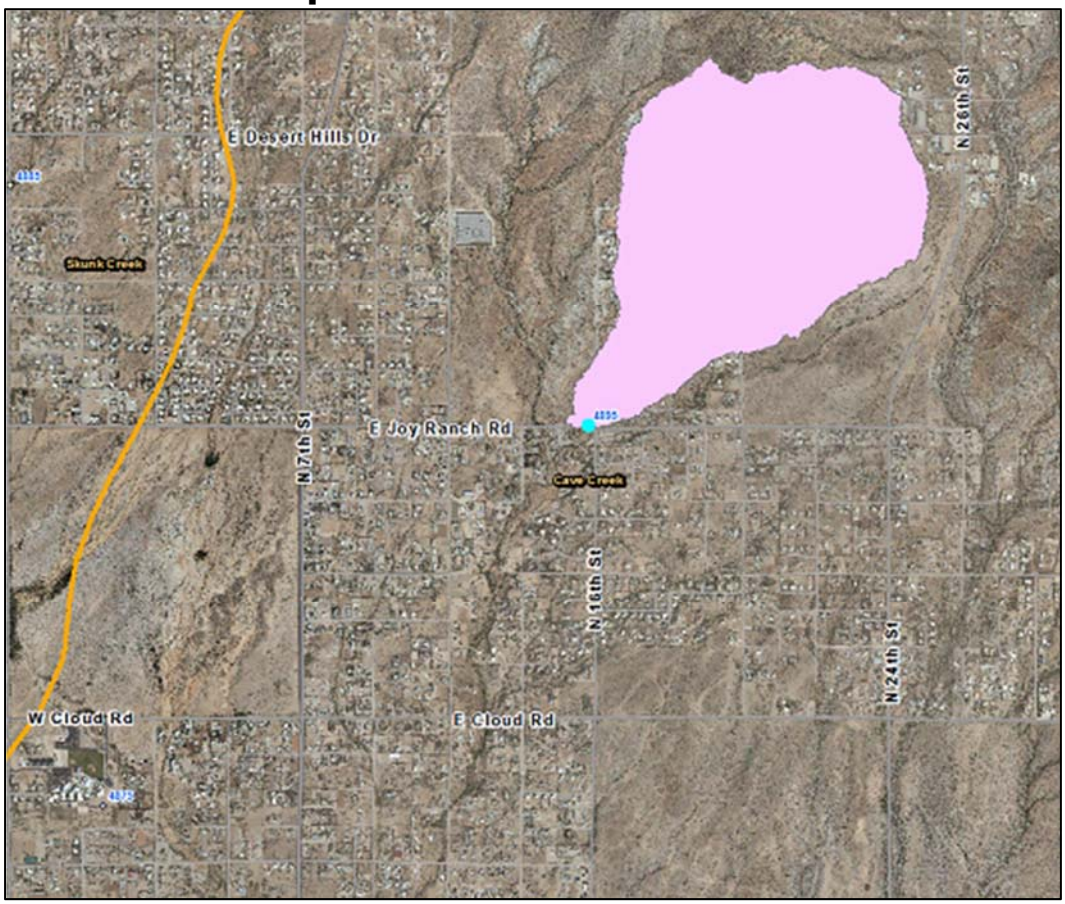
Desert Hills Wash, ID #4898

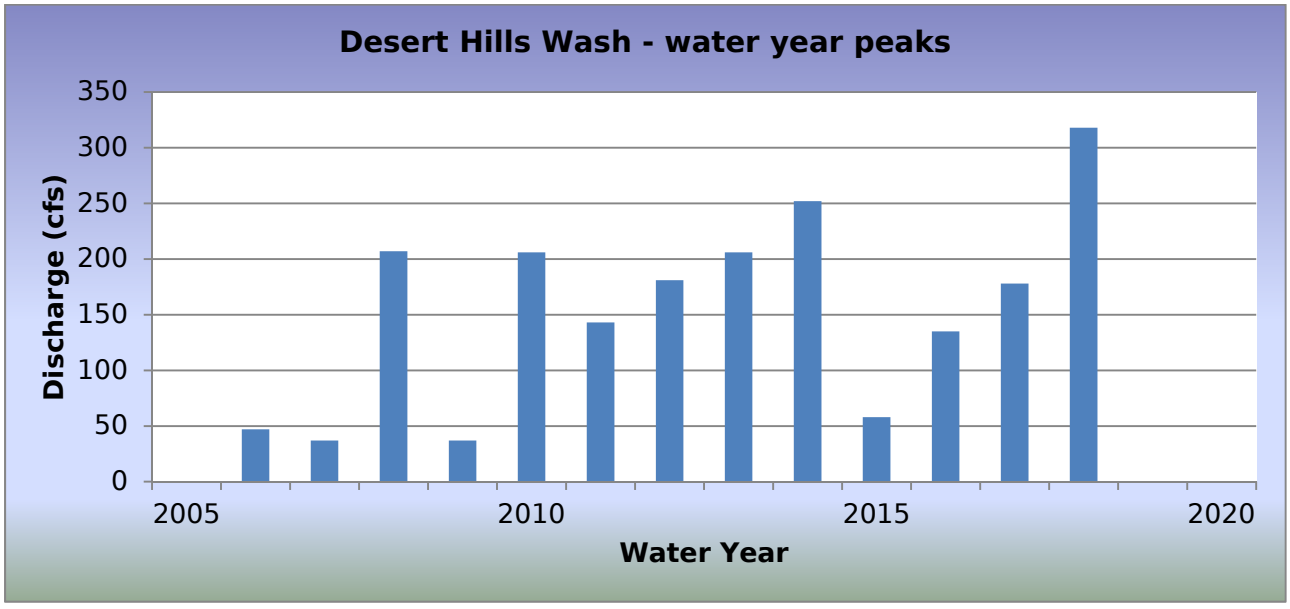


Site Data

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	12.58 Years | 4,596 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	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

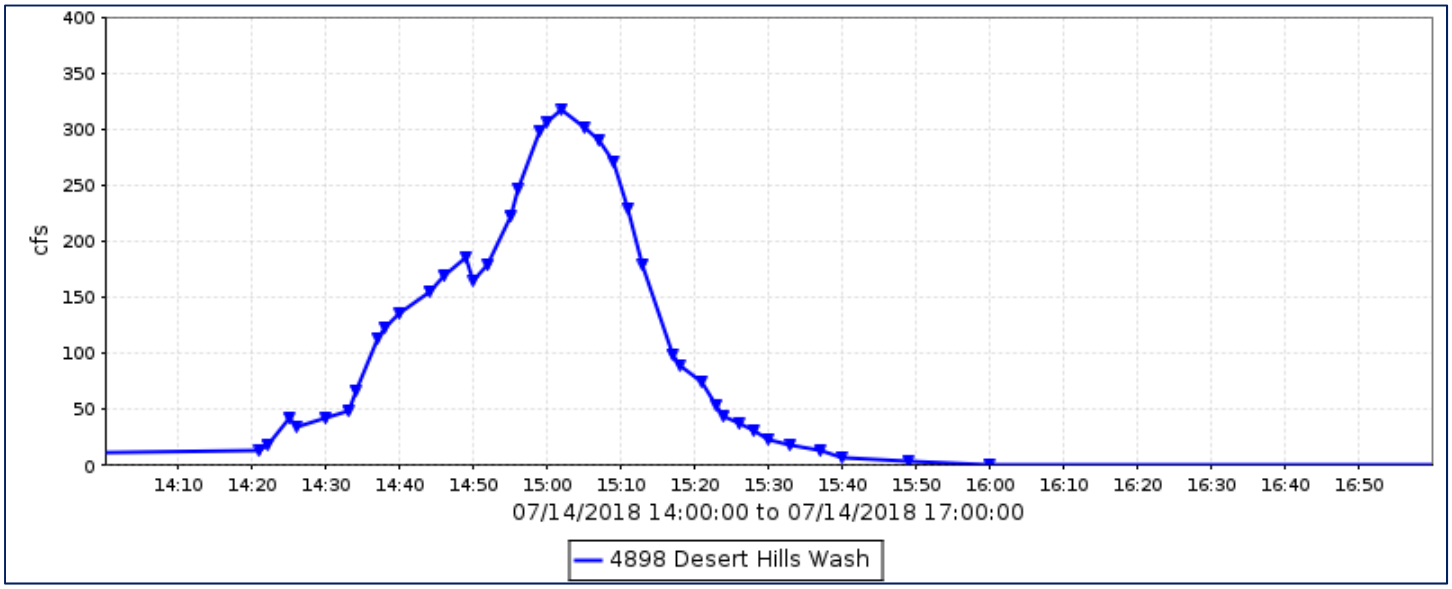




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
07/14/2018	5.82	318

Hydrograph of peak WY 2018 flow event, 07/14/2018



Flood Flow Frequency

Flood Flow Frequency N=13, HEC-WRC computation (based on 13 years of data)					
2-year	**5-year**	**10-year**	**20-year**	**50-year**	**100-year**
130	**237**	**316**	**396**	**502**	**584**

Desert Hills Wash, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14										7		
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	7	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	318	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	15	0	0

WTR YR 2018 TOTAL 7 MEAN 0 MAX 318 MIN 0 AC_FT 15

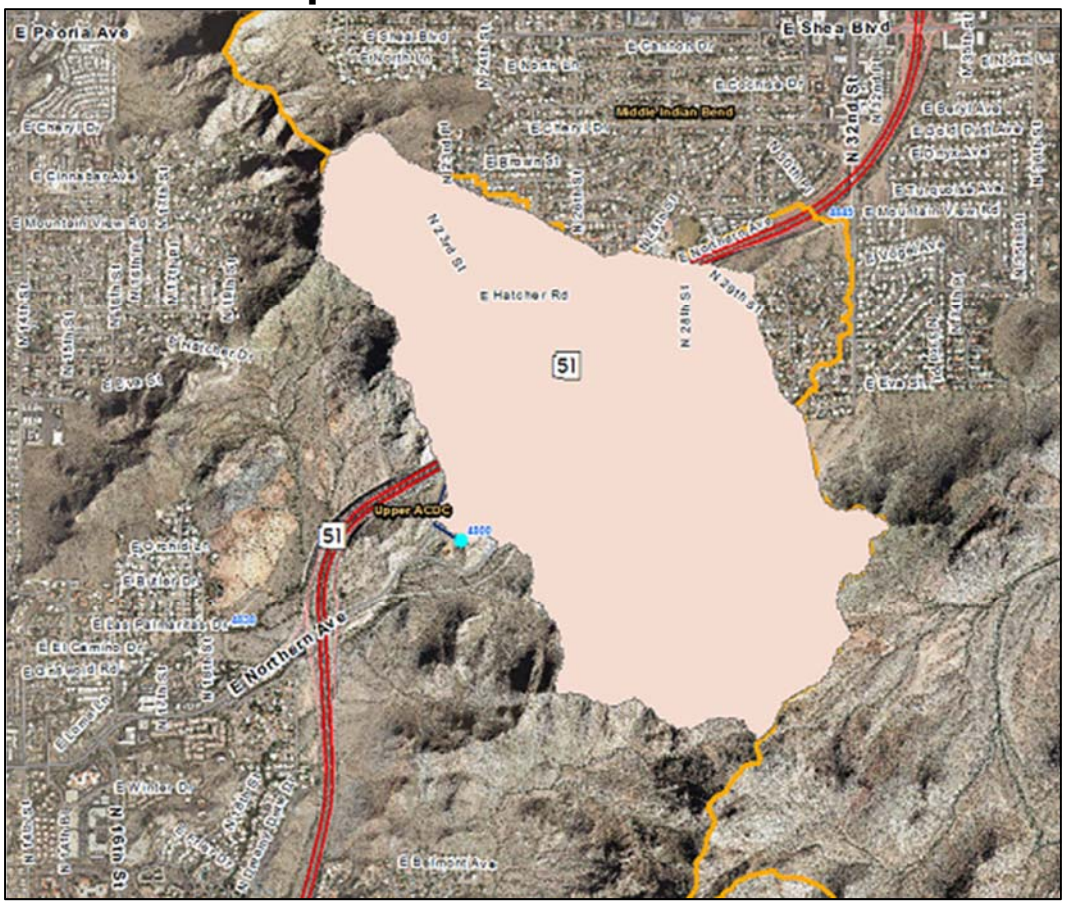
Dreamy Draw Dam, ID #4803

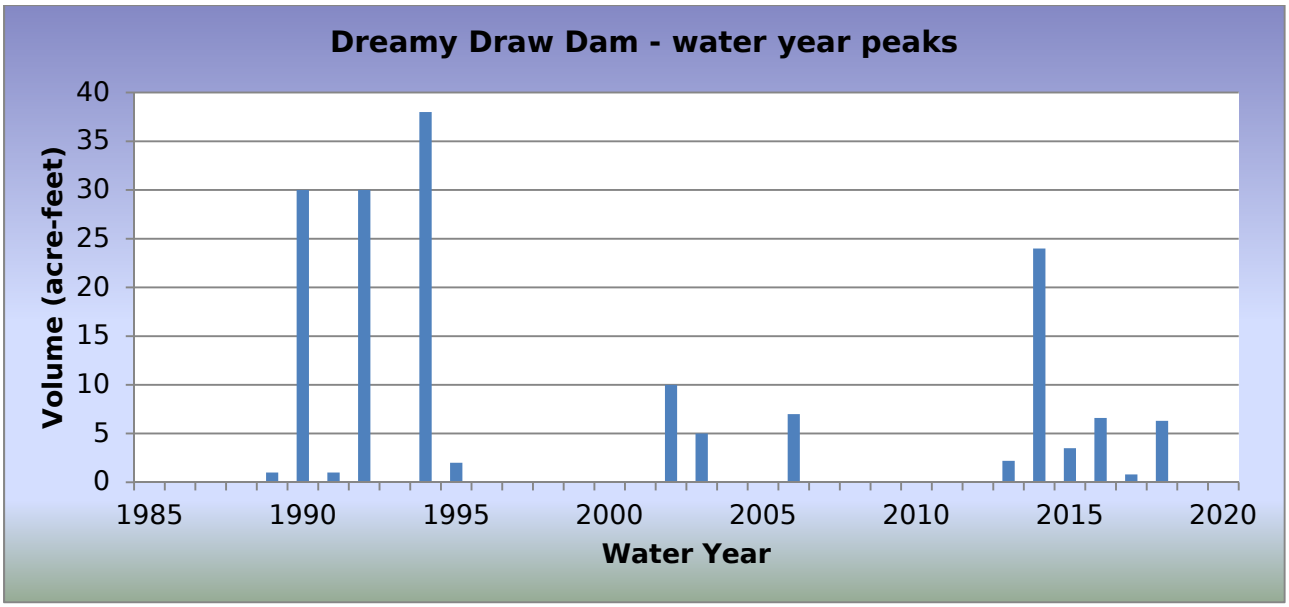


Site Data

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	30.09 Years | 10,990 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

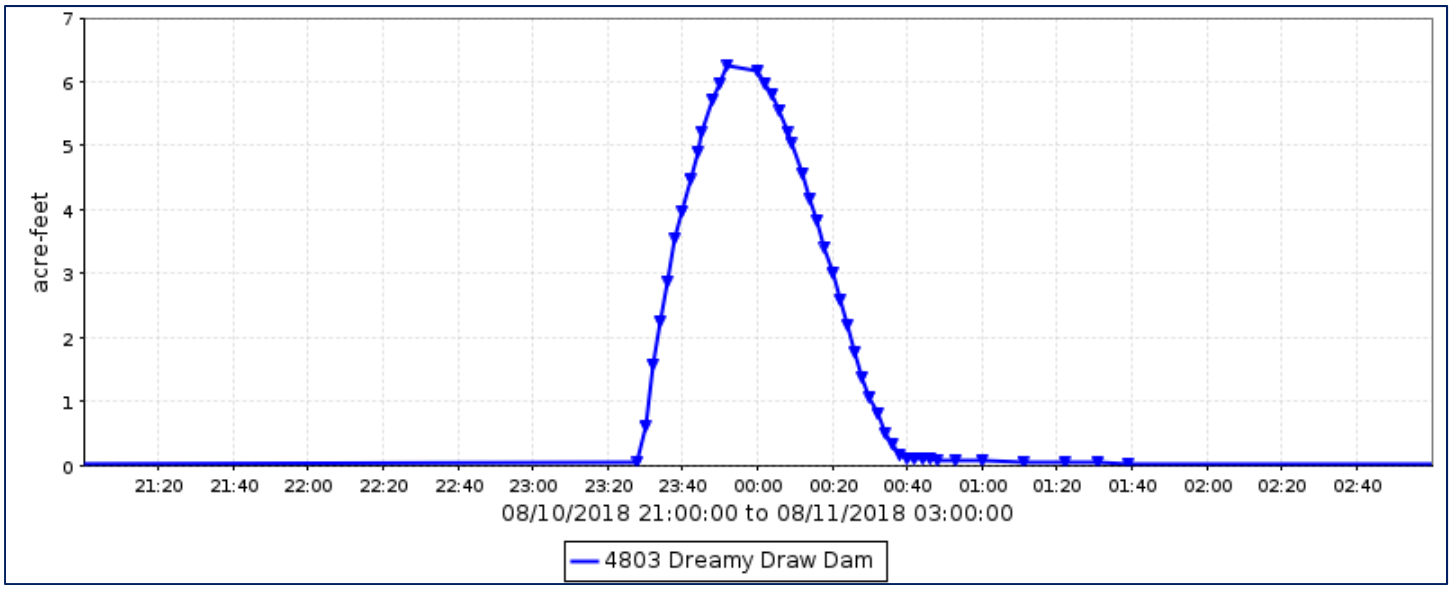




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
08/10/2018	10.67	6.3	1.9
08/23/2018	8.86	3.3	1.0

Hydrograph of peak WY 2018 impoundment event, 08/10/2018



Dreamy Draw Dam, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

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

WTR YR 2018 TOTAL 17 MEAN 0 MAX 129 MIN 0 AC_FT 34

Dreamy Draw Dam, volume data

Volume, in acre-feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
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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	6	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 2018 MEAN 0 MAX 6 MIN 0

Dreamy Draw Dam, stage data

Depth, in feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
4	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
6	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
7	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
8	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
9	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
10	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.3	0.1
11	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.7	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	0.6	0.1
24	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.3	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	0.2	0.1
MAX	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	10.7	0.1
MIN	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1

WTR YR 2018 MEAN 0.12 MAX 10.67 MIN 0.00

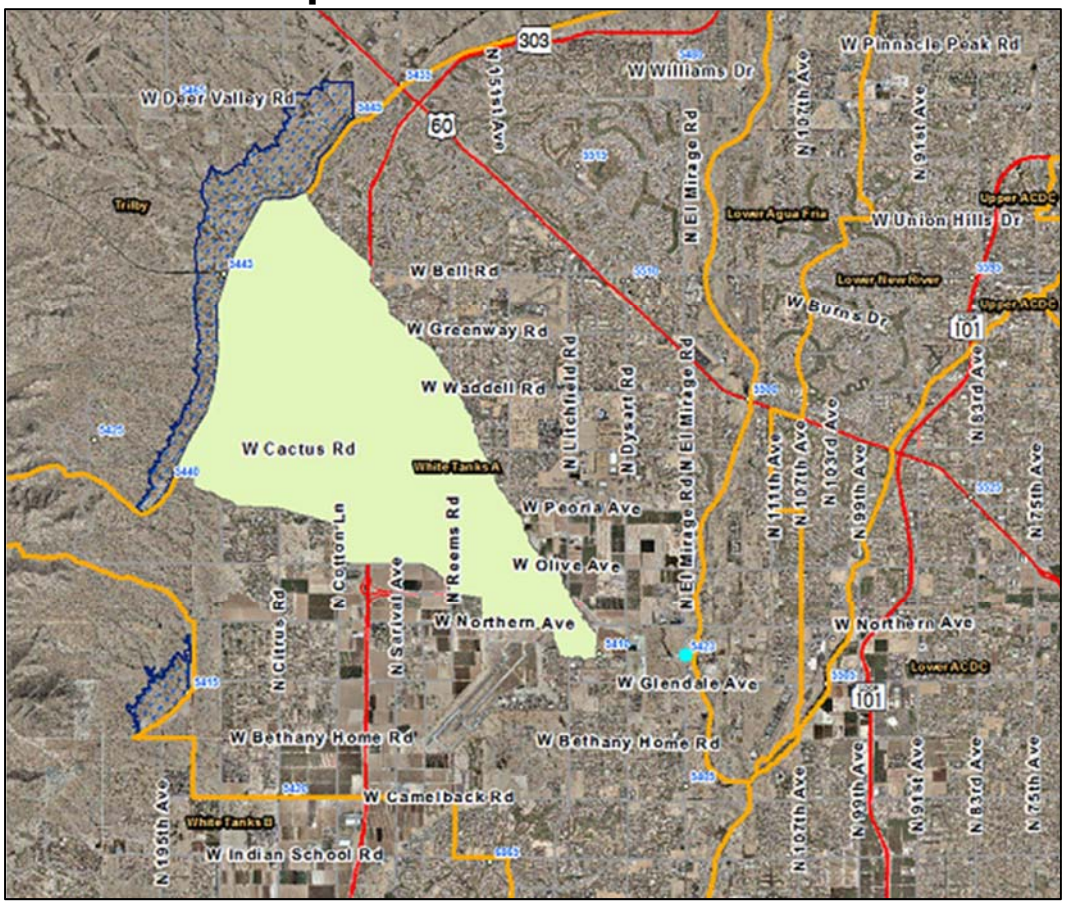
Dysart Drain at LAFB, ID #5413

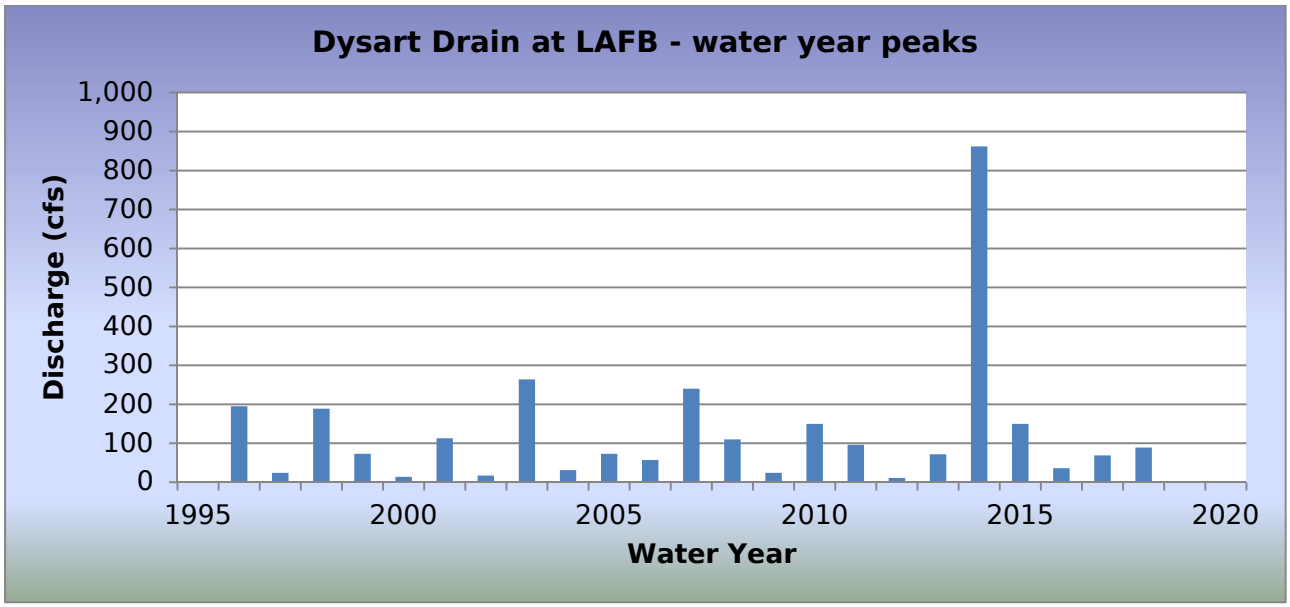


Site Data

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	22.11 Years | 8,075 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



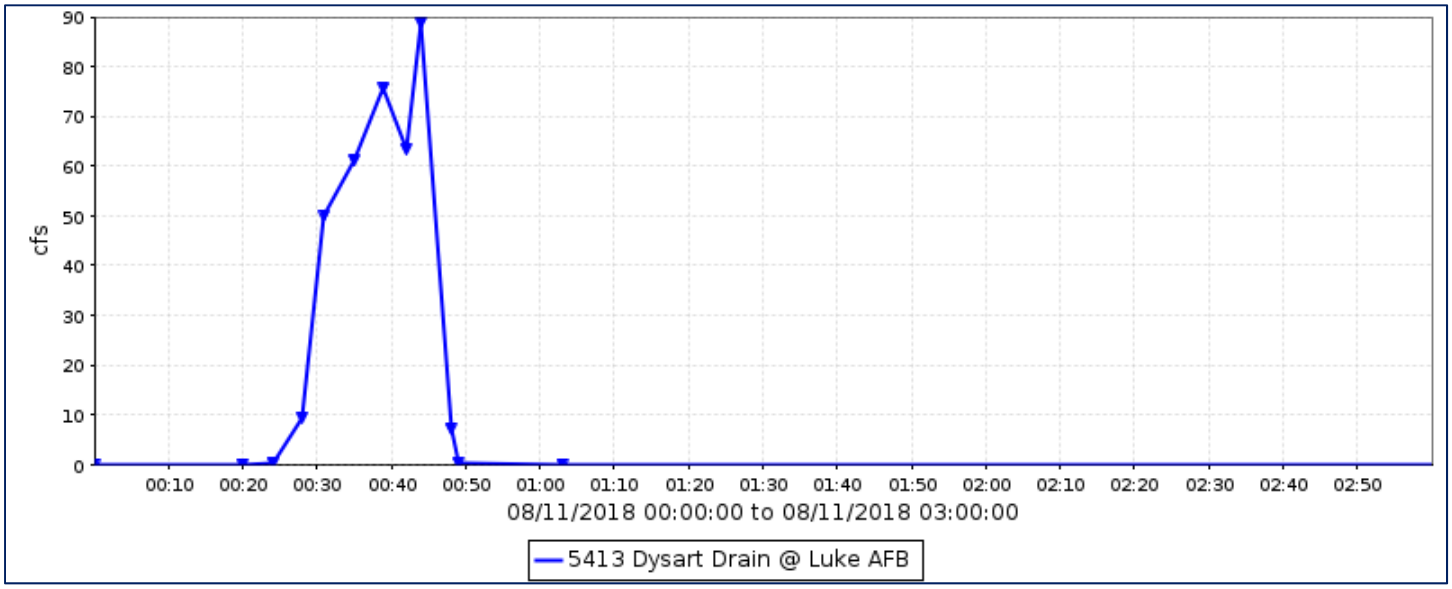


WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
08/11/2018	1.30	89

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

Hydrograph of peak WY 2018 flow event, 08/11/2018



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**
77	**180**	**284**	**413**	**632**	**841**

NOTE: These results are based on very limited data.

Dysart Drain at LAFB, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11											1	
12												
13												
14												
15												
16												
17												
18												
19								1				
20												
21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	0	0	0	0	1	0	0	1	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	0	0	0	0	96	0	2	89	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	0	2	0	0	2	0

WTR YR 2018 TOTAL 2 MEAN 0 MAX 96 MIN 0 AC_FT 4

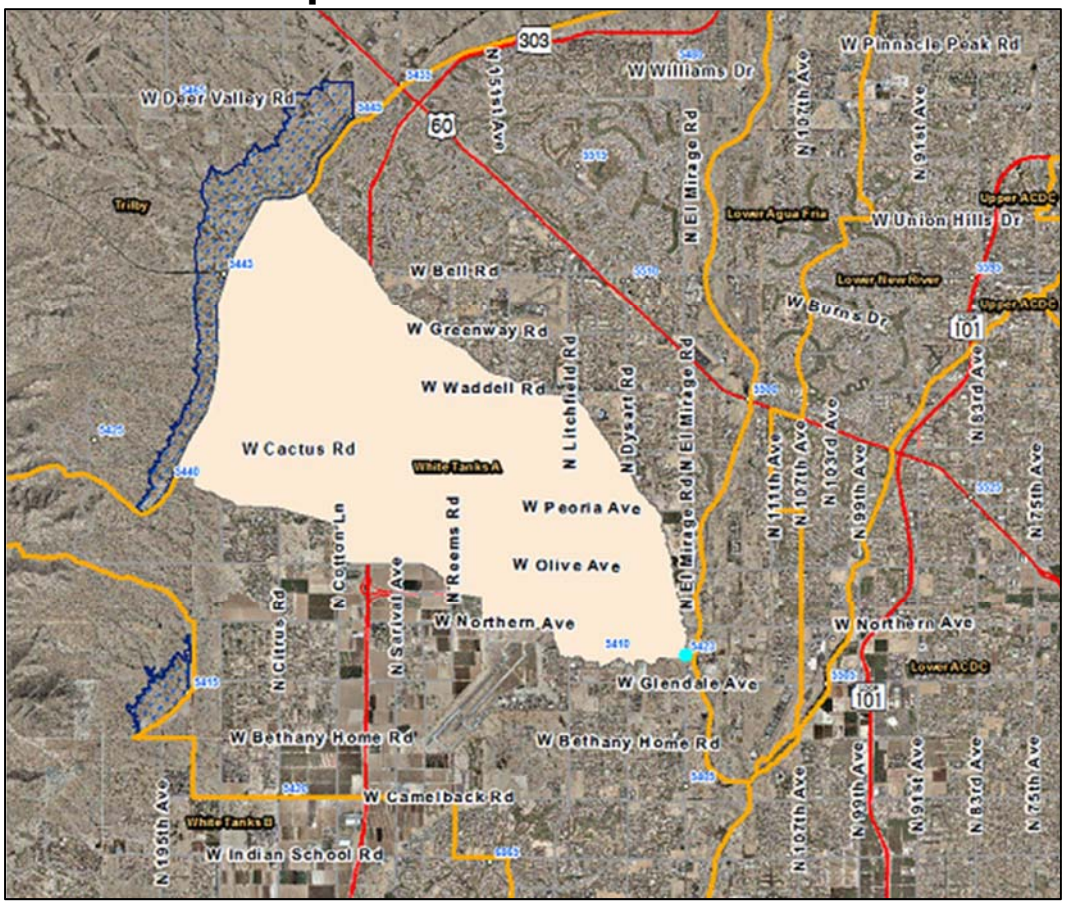
Dysart Drain at El Mirage Road, ID #5423

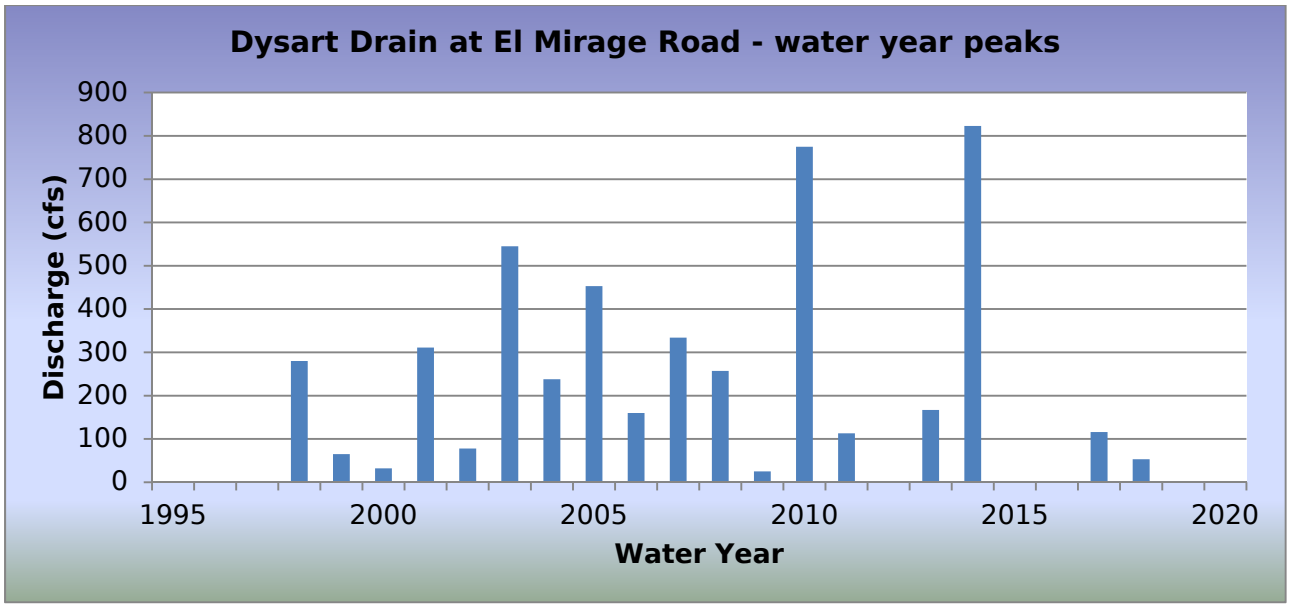


Site Data

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	21.57 Years | 7,878 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



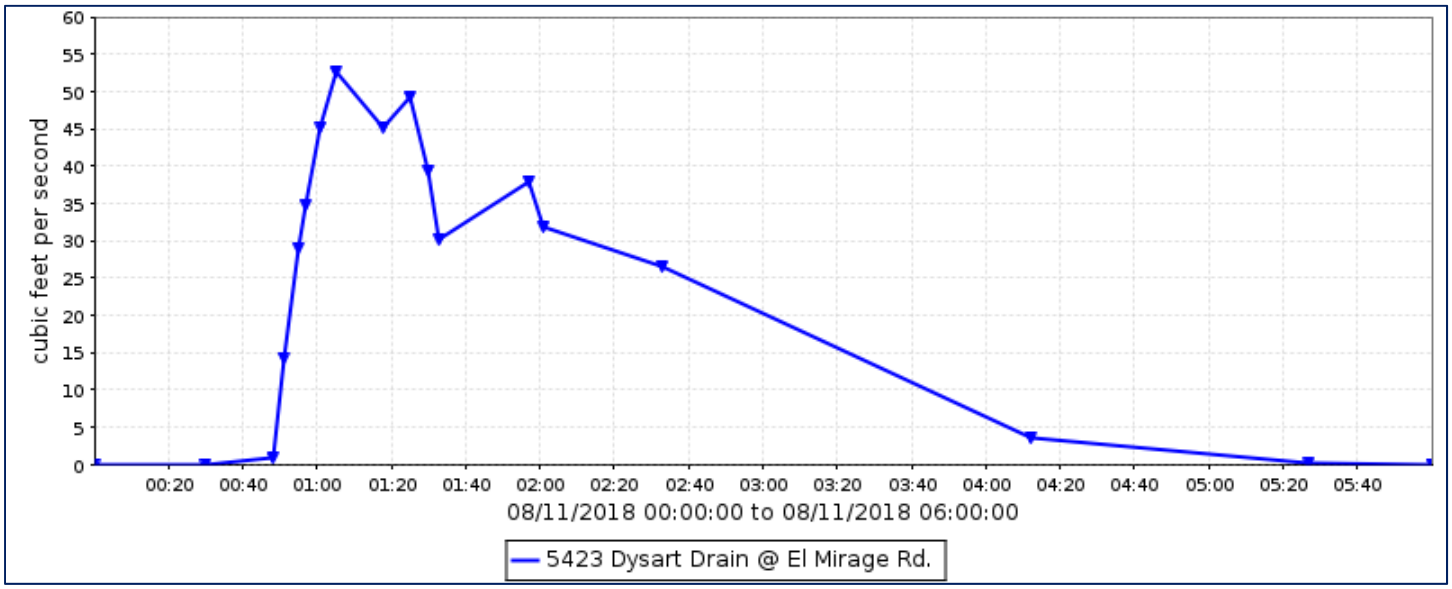


WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
07/11/2018	0.92	36
08/08/2018	0.75	26
08/11/2018	1.15	53
08/14/2018	0.75	26

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

Hydrograph of peak WY 2018 flow event, 08/11/2018



Flood Flow Frequency

Flood Flow Frequency N=25, HEC-WRC computation (based on 25 years of data)					
2-year	**5-year**	**10-year**	**20-year**	**50-year**	**100-year**
72	**313**	**626**	**1,070**	**1,890**	**2,700**

NOTE: These results are based on very limited data.

Dysart Drain at El Mirage Road, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	26	26									1	---
2	26	26									1	---
3	26	26										---
4	26	26										---
5	26	26										---
6	26	26										---
7	26	26										
8	29	26									1	
9	27	26										---
10	26	26										---
11	26	26								3	5	---
12	26	26										
13	26	26										
14	26	26									1	
15	26	26										
16	26	26										---
17	27	26										
18	26	26										
19	28	26										
20	28	26										
21	26	26										
22	26	26										
23	26	26										
24	26	26										
25	26	26										
26	26	26										
27	26	26										
28	26	26										
29	26				---							
30	26				---						---	
31	25	---			---		---		---		---	---
TOTAL	814	727	0	0	0	0	0	1	1	4	9	0
MEAN	26	24	0	0	0	0	0	0	0	0	0	0
MAX	30	27	0	0	0	0	0	1	1	41	53	0
MIN	25	0	0	0	0	0	0	0	0	0	0	0
AC_FT	1614	1441	0	0	0	0	0	2	2	8	18	0

WTR YR 2018 TOTAL 1556 MEAN 4 MAX 53 MIN 0 AC_FT 3086

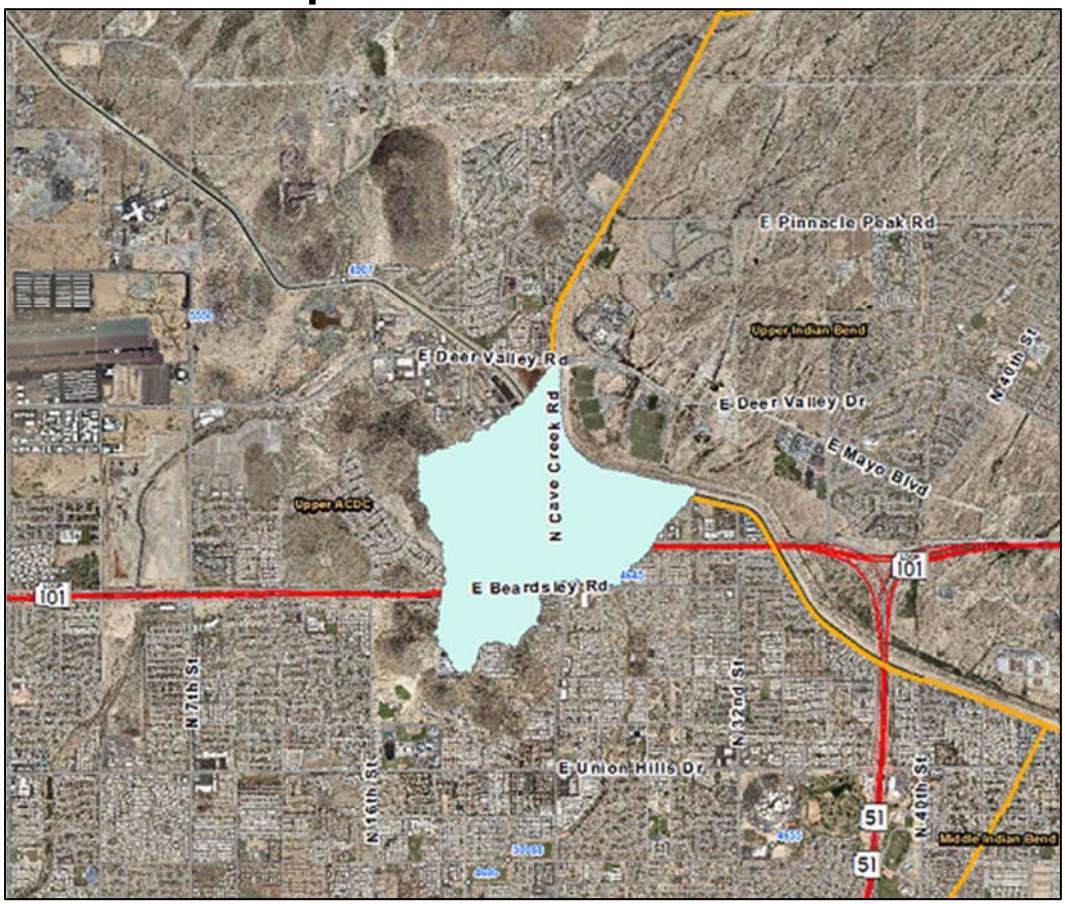
East Fork Cave Creek Basin #1, ID #4648

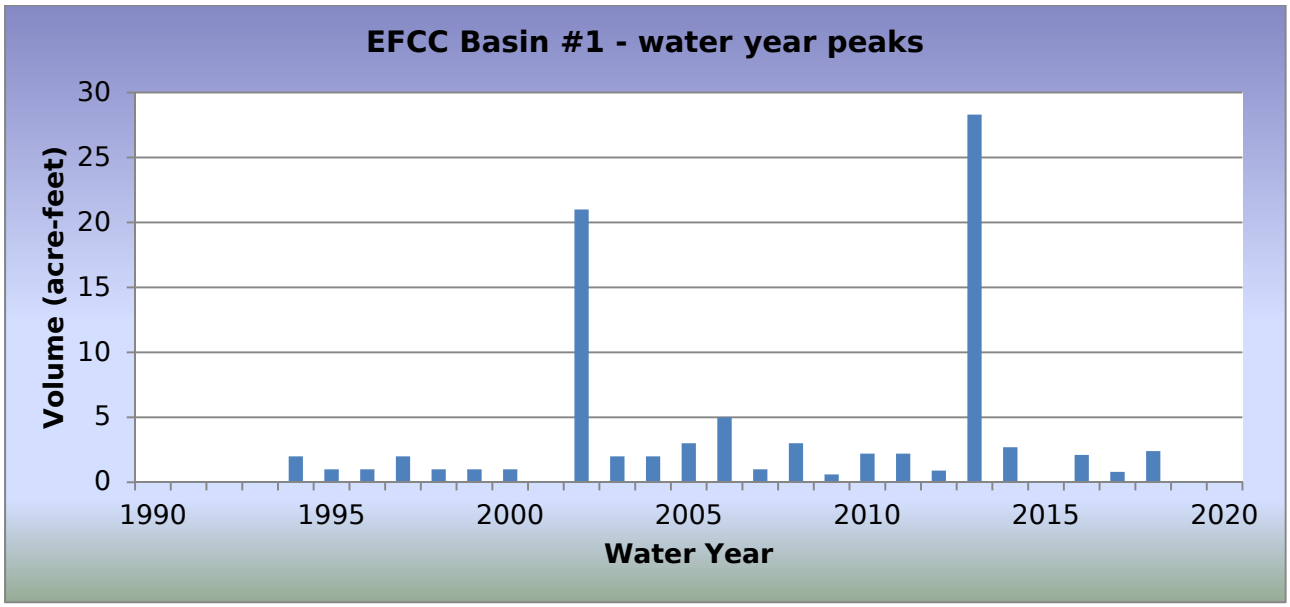


Site Data

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	24.58 Years | 8,979 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

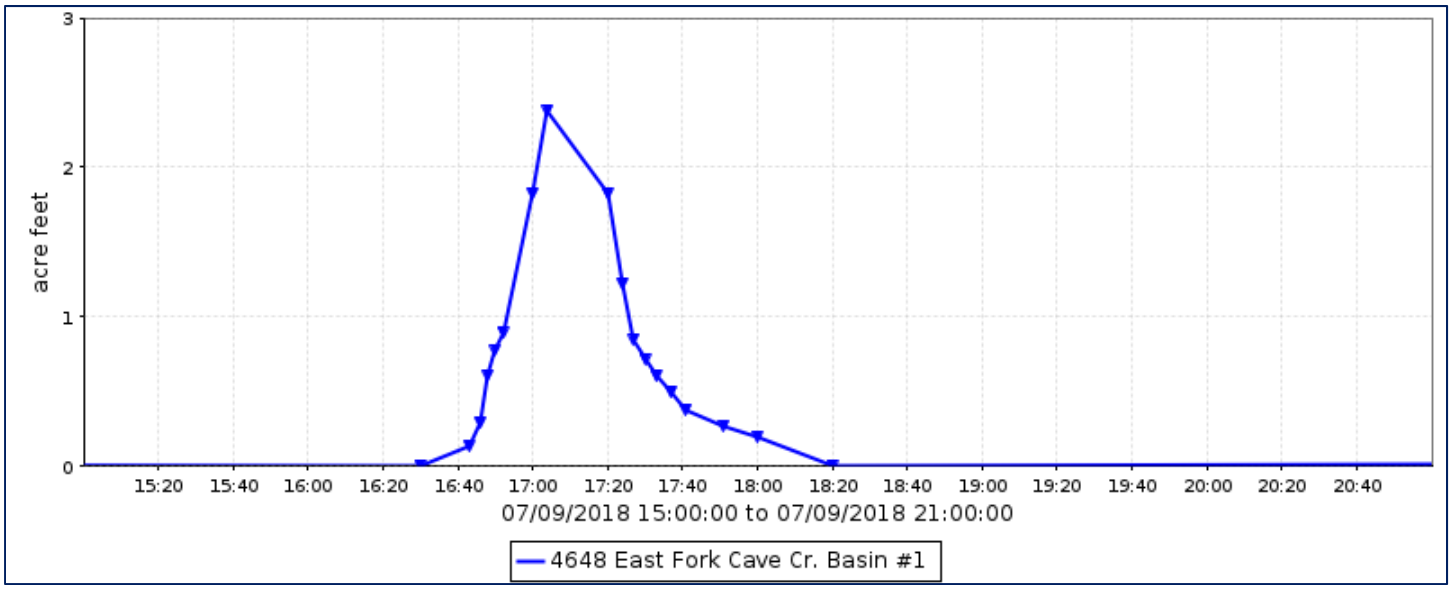




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
07/09/2018	1.52	2.4	4.1
07/11/2018	1.47	2.1	3.7

Hydrograph of peak WY 2018 impoundment event, 07/09/2018



East Fork Cave Creek Basin #1, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

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

WTR YR 2018 TOTAL 144 MEAN 0 MAX 19 MIN 0 AC_FT 286

East Fork Cave Creek Basin #1, volume data

Volume, in acre feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
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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	2	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 2018 MEAN 0 MAX 2 MIN 0

East Fork Cave Creek Basin #1, stage data

Depth, in feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
6	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
7	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
8	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
9	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	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	0.3	0.2	0.2
12	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2
13	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
14	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
15	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
16	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
17	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
18	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
19	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
20	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
21	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
22	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
23	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
24	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
25	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
26	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
27	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
28	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
29	0.2	0.2	0.2	0.2	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2
30	0.2	0.2	0.2	0.2	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2
31	0.2	---	0.2	0.2	---	0.2	---	0.2	---	0.2	0.2	---
MEAN	0.2	0.2	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	0.4	0.2	0.2	0.2	0.2	0.2	1.5	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 2018 MEAN 0.23 MAX 1.52 MIN 0.23

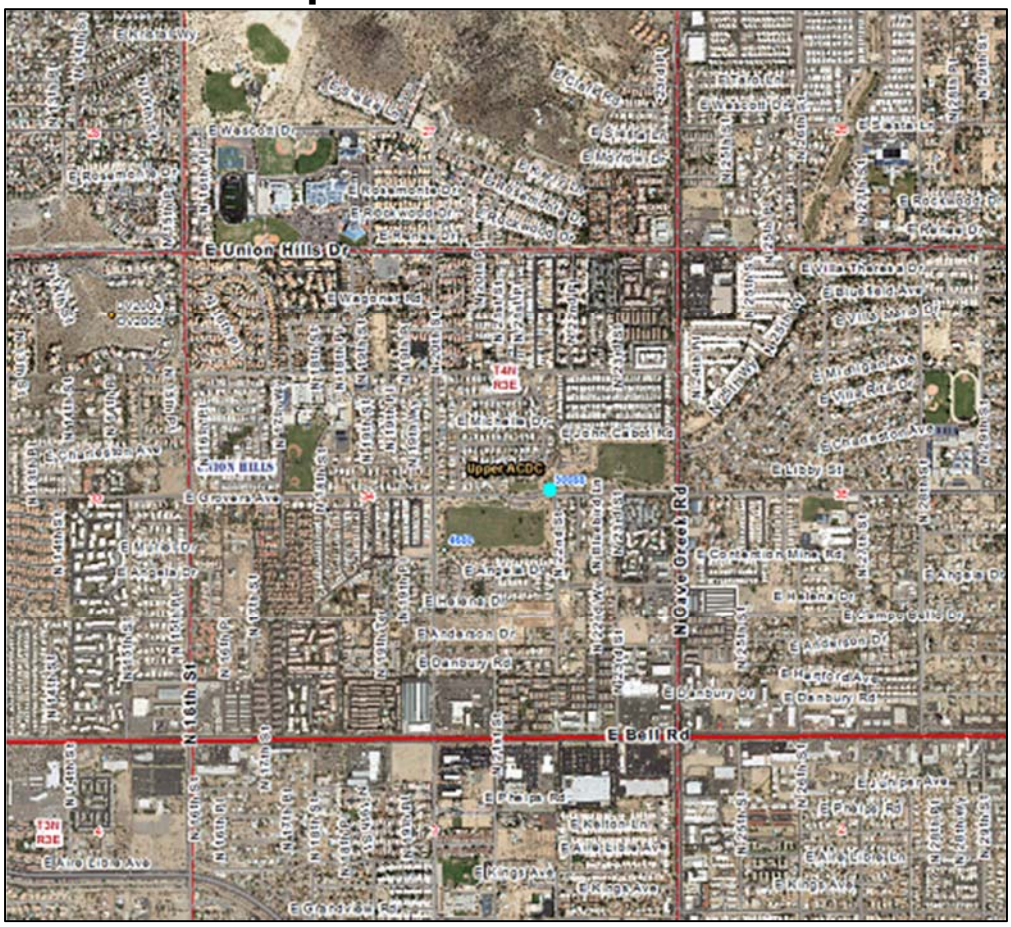
East Fork Cave Creek Basin #3A, ID #8807

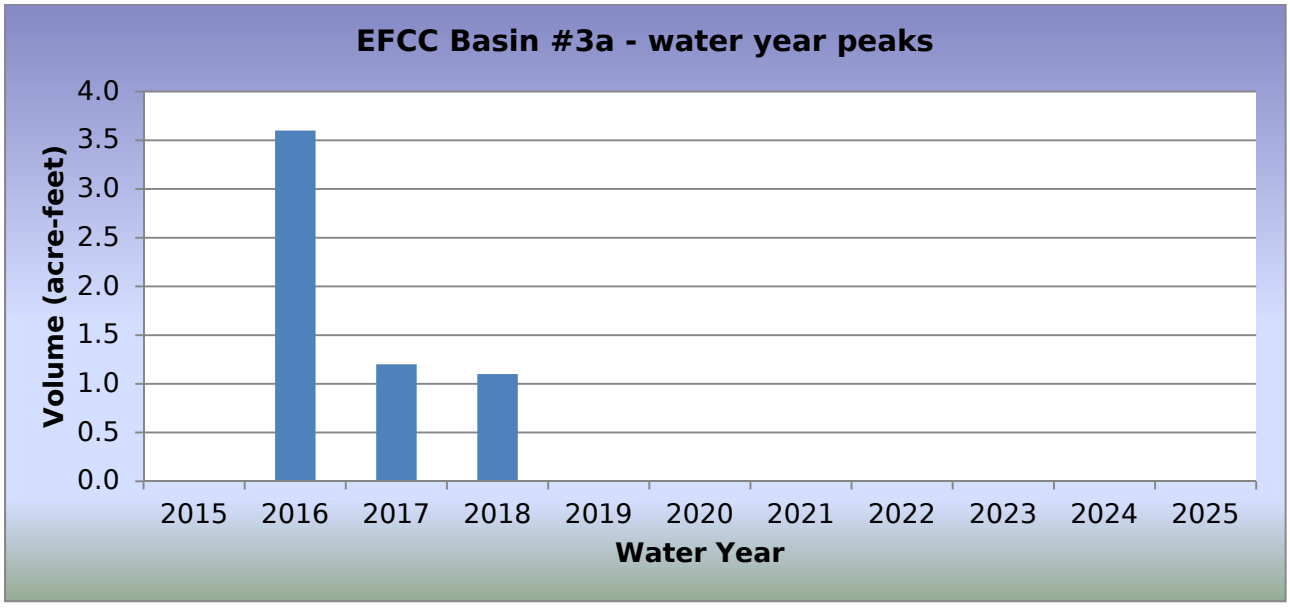


Site Data

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	2.97 Years | 1,083 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

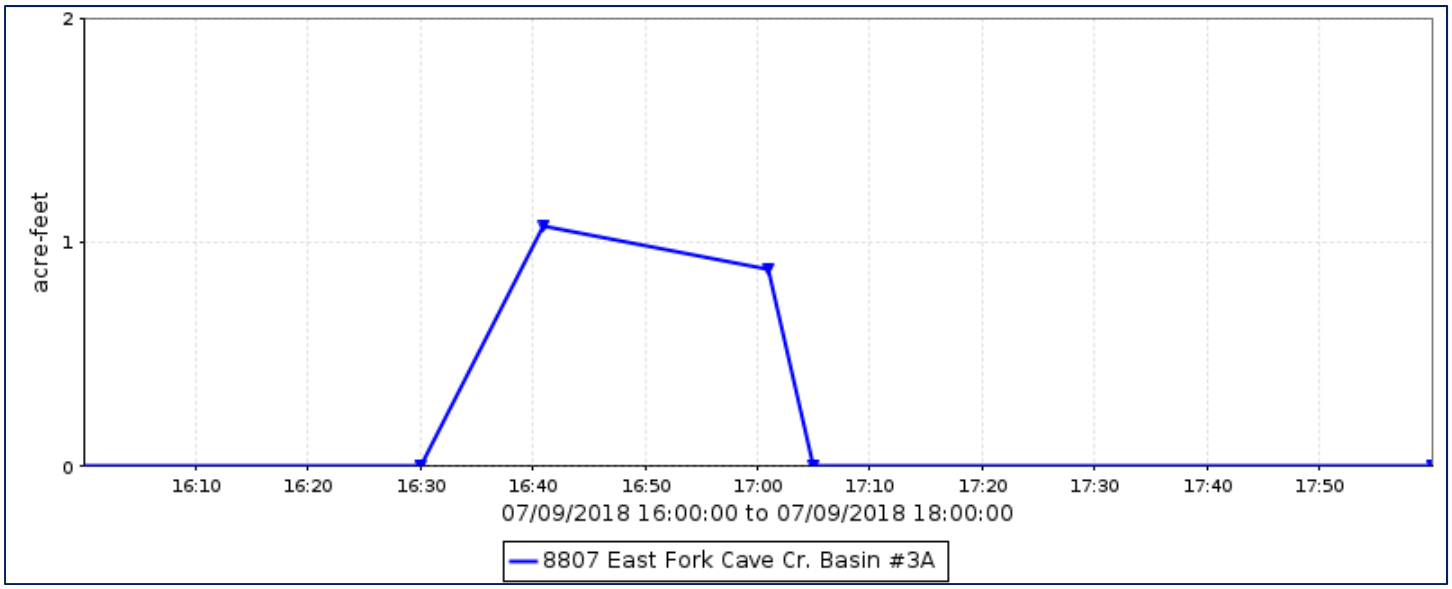




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
01/09/2018	0.98	1.0	0.9
07/09/2018	1.00	1.1	0.9

Hydrograph of peak WY 2018 impoundment event, 07/09/2018



EFCC Basin #3A, runoff data

Discharge, in cub, Water Year October 2017 to September 2018

Daily Mean Values

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

WTR YR 2018 TOTAL 10 MEAN 0 MAX 35 MIN 0 AC_FT 19

EFCC Basin #3A, volume data

Volume, in acre-feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
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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	1	0	0	0	0	0	1	1	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 2018 MEAN 0 MAX 1 MIN 0

EFCC Basin #3A, stage data

Depth, in feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	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	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	0.8	0.8	0.8	1.0	0.8	0.8	0.8	0.8	0.8	1.0	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 2018 MEAN 0.80 MAX 1.17 MIN 0.80

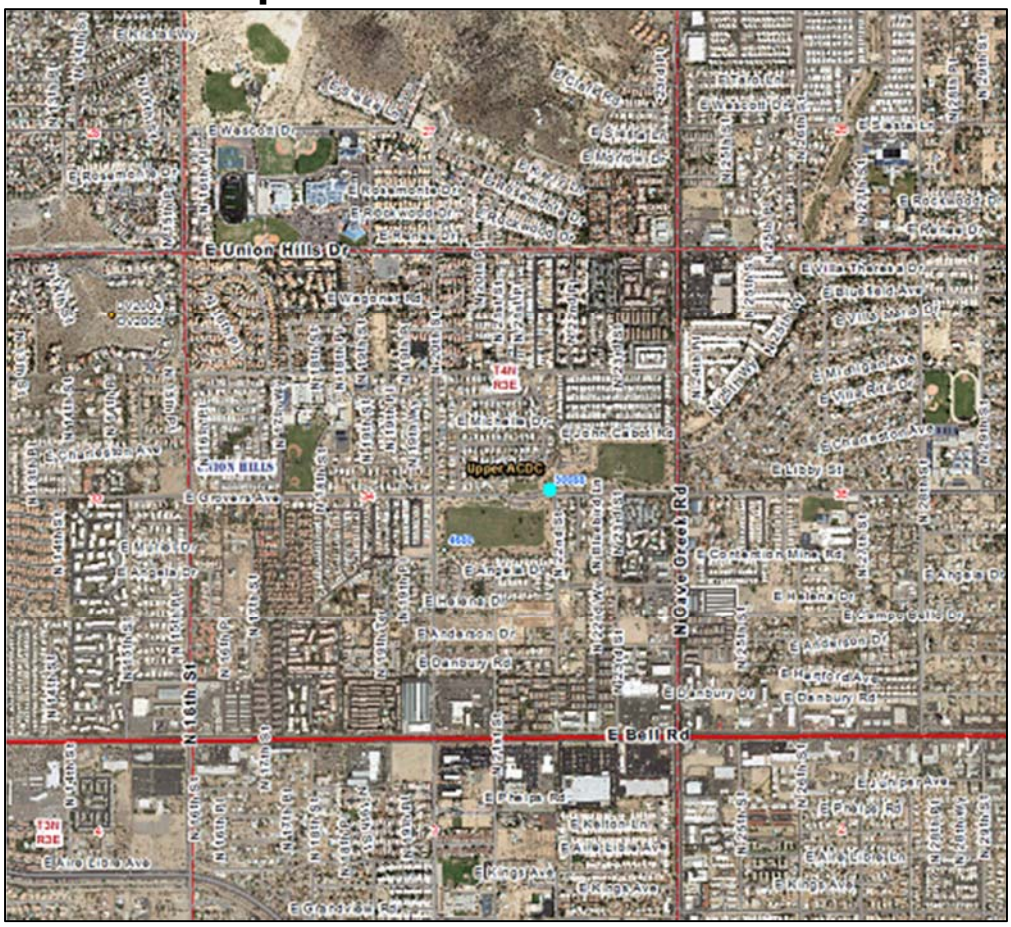
East Fork Cave Creek Basin #3B, ID #4683

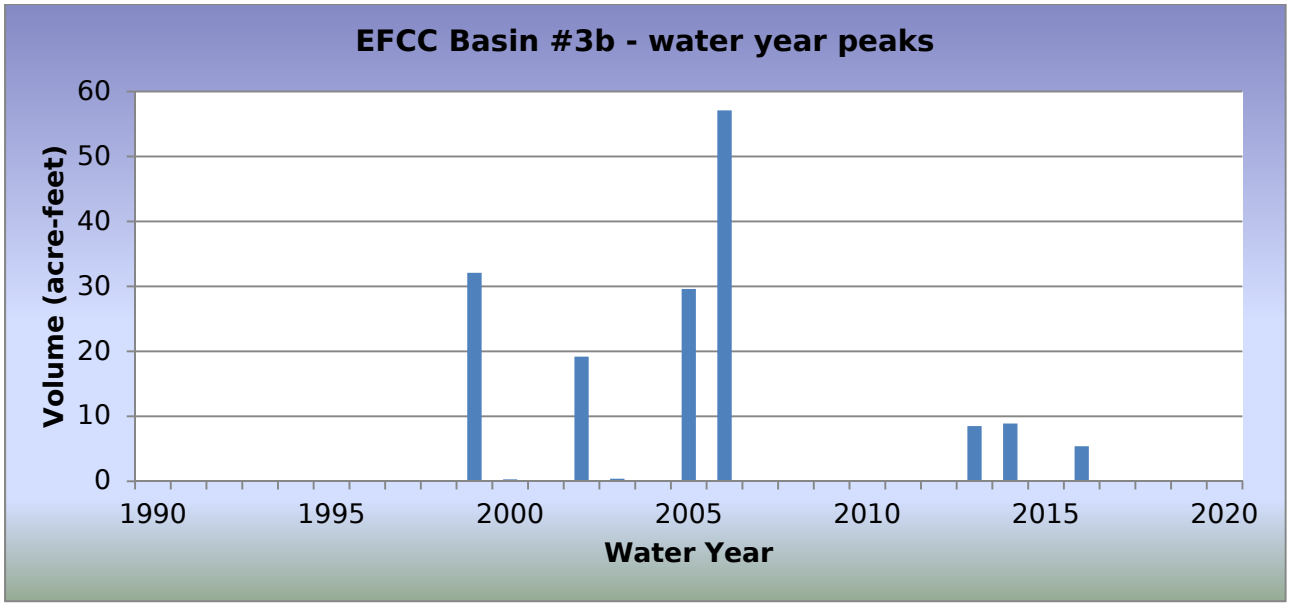


Site Data

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	24.05 Years | 8,784 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

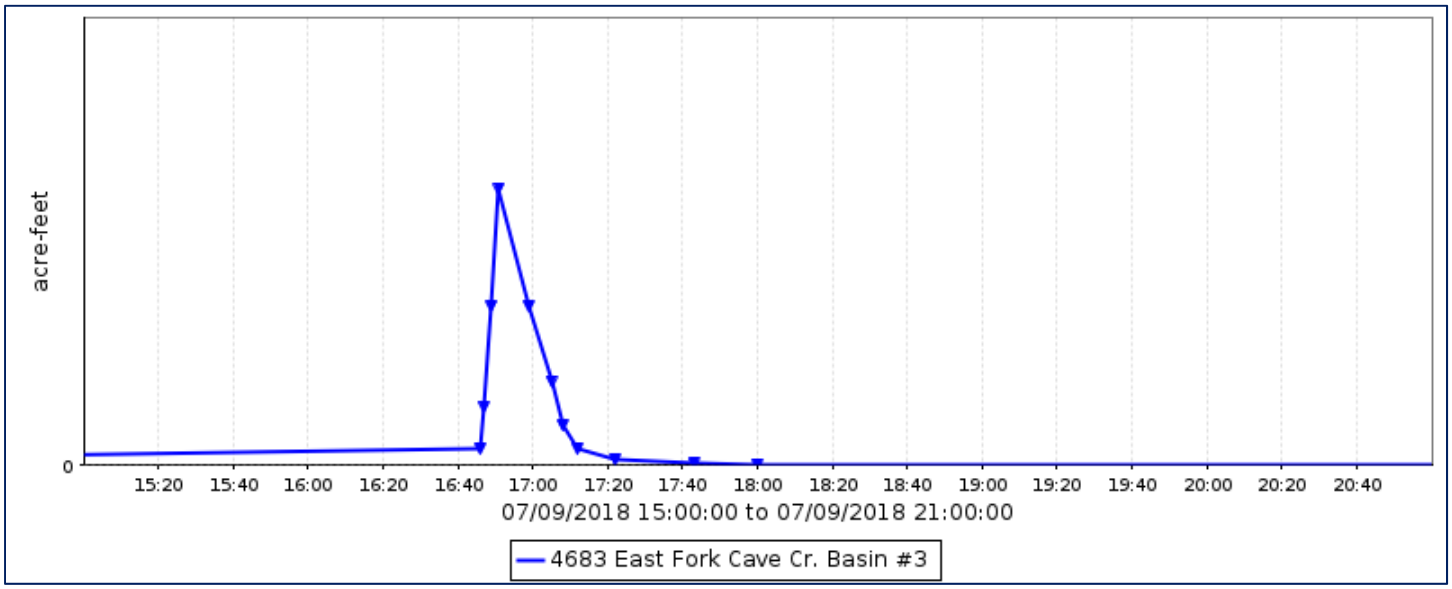




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
07/09/2018	0.81	0.1	0.0
08/23/2018	0.34	0.0	0.0

Hydrograph of peak WY 2018 impoundment event,



East Fork Cave Creek Basin #3B, runoff data

Discharge, in cub, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9			---									
10			---									
11												
12												
13												
14												
15												
16												
17												
18												
19												
20		---										
21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
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	9	6	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 2018 TOTAL 0 MEAN 0 MAX 9 MIN 0 AC_FT 0

East Fork Cave Creek Basin #3B, volume data

Volume, in acre-feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9			---									
10			---									
11												
12												
13												
14												
15												
16												
17												
18												
19												
20		---										
21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	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 2018 MEAN 0 MAX 0 MIN 0

East Fork Cave Creek Basin #3B, stage data

Depth, in feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
4	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
6	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1
7	0.1	0.1	0.1	0.1	0.1	0.2	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	0.2	0.1	0.1	0.1	0.2	0.1	0.1
10	0.1	0.1	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	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	0.2	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	0.2	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	0.2	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	0.2	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	0.2	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	0.1	0.2	0.2	0.1	0.1	0.2	0.2	0.1
MAX	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.8	0.8	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 2018 MEAN 0.15 MAX 0.81 MIN 0.15

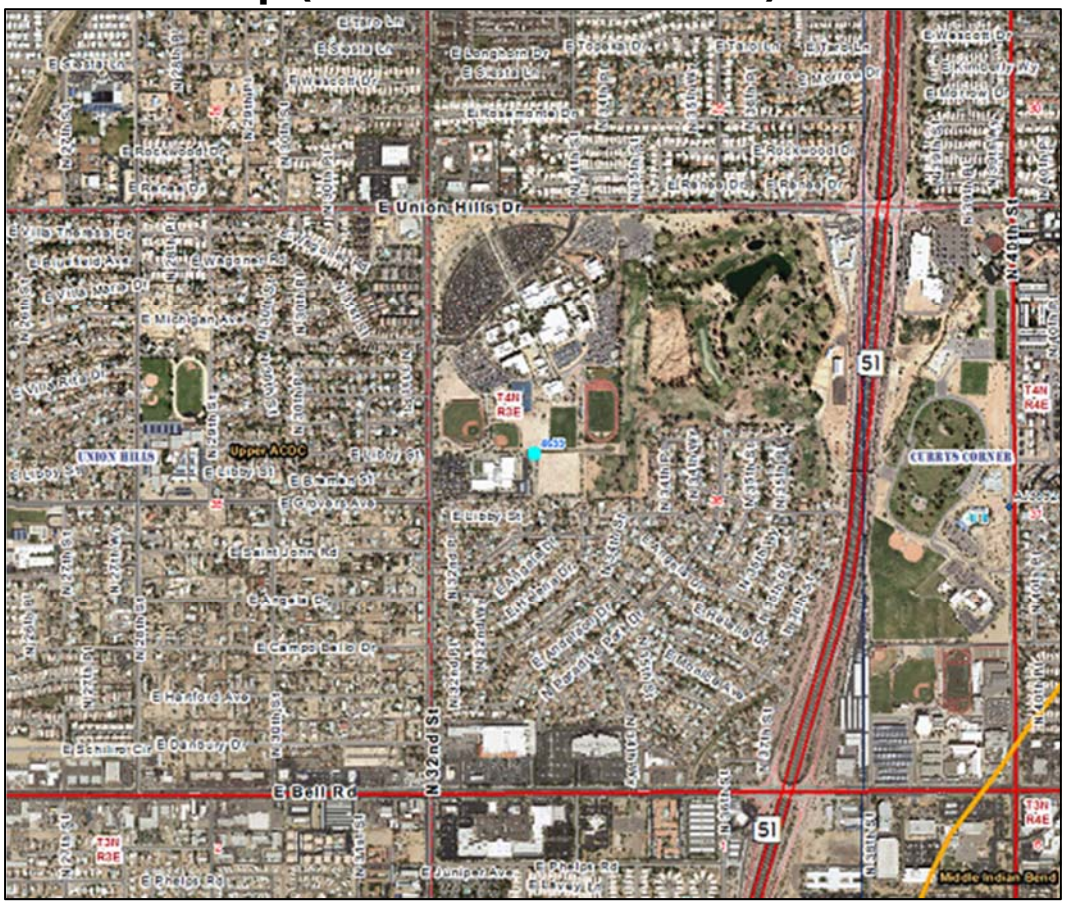
East Fork Cave Creek Basin #4 – ID #4658

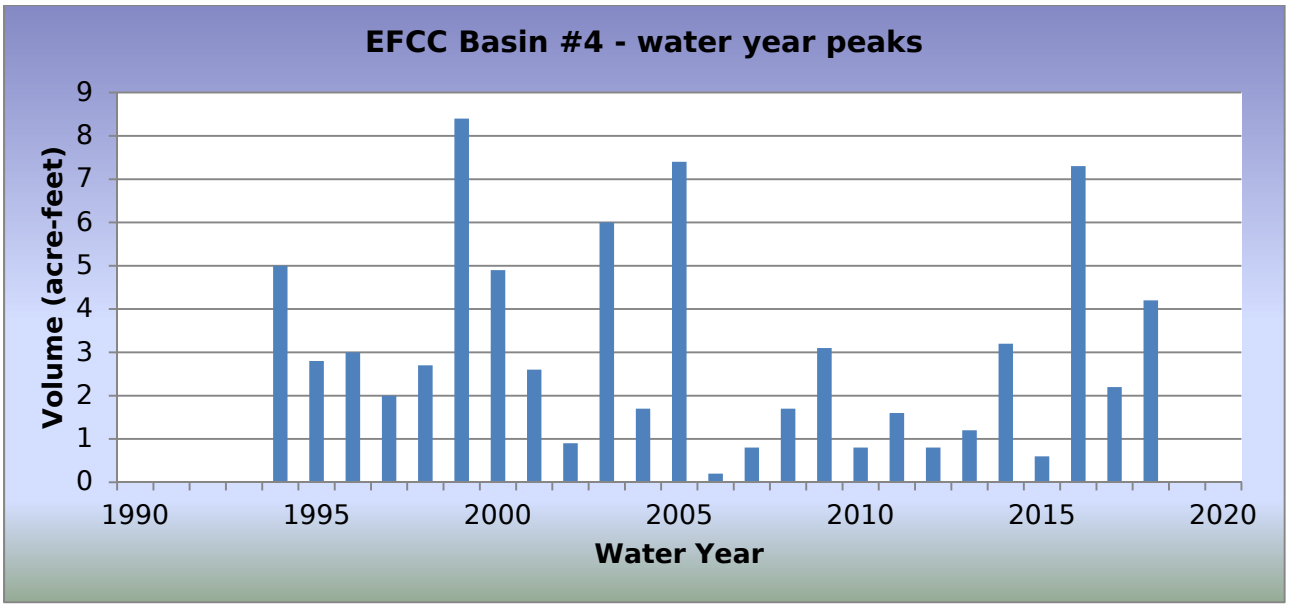


Site Data

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	24.70 Years | 9,022 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*)

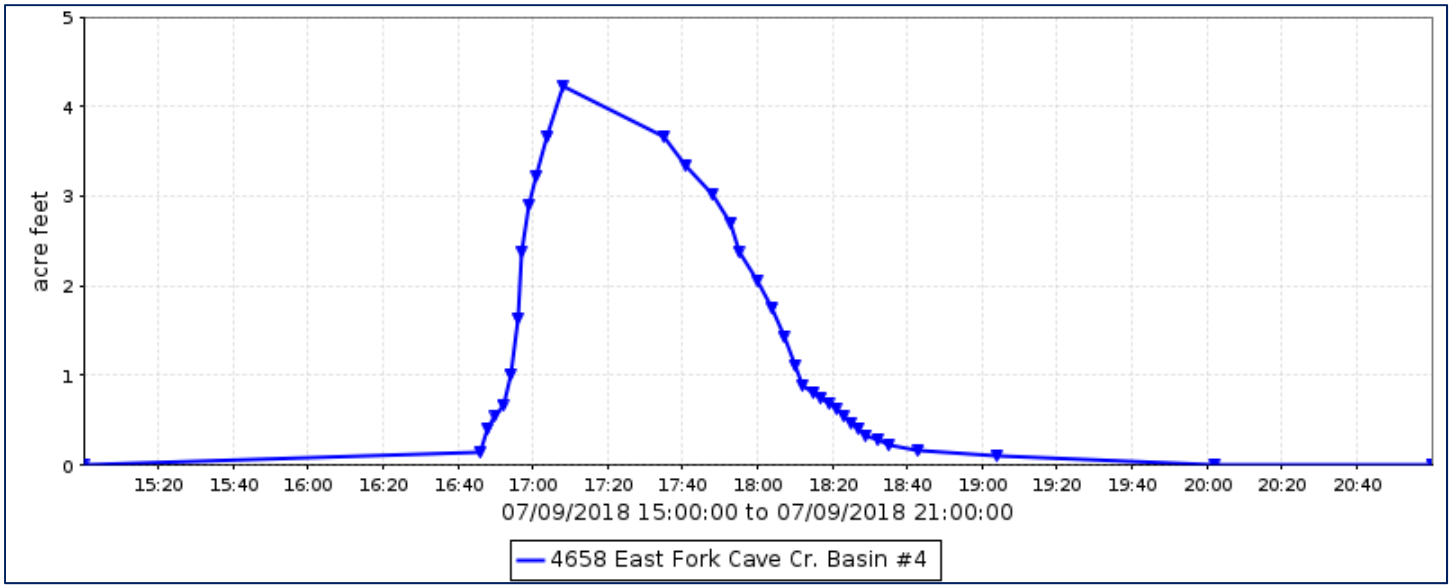




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
01/09/2018	1.10	0.4	0.6
07/09/2018	3.06	4.2	5.8
07/11/2018	1.81	0.8	1.4
07/30/2018	0.88	0.3	0.5
08/11/2018	1.44	0.6	0.9
08/23/2018	0.88	0.3	0.5

Hydrograph of peak WY 2018 impoundment event, 07/09/2018



East Fork Cave Creek Basin #4, runoff data

Volume, in acre feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
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14												
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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	4	1	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 2018 MEAN 0 MAX 4 MIN 0

East Fork Cave Creek Basin #4, volume data

Volume, in acre feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
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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	4	1	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 2018 MEAN 0 MAX 4 MIN 0

East Fork Cave Creek Basin #4, stage data

Depth, in feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
5	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
6	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
7	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
8	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
9	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.5	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	0.4	0.4	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	1.1	0.3	0.3	0.3	0.3	0.3	3.1	1.4	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 2018 MEAN 0.30 MAX 3.06 MIN 0.30

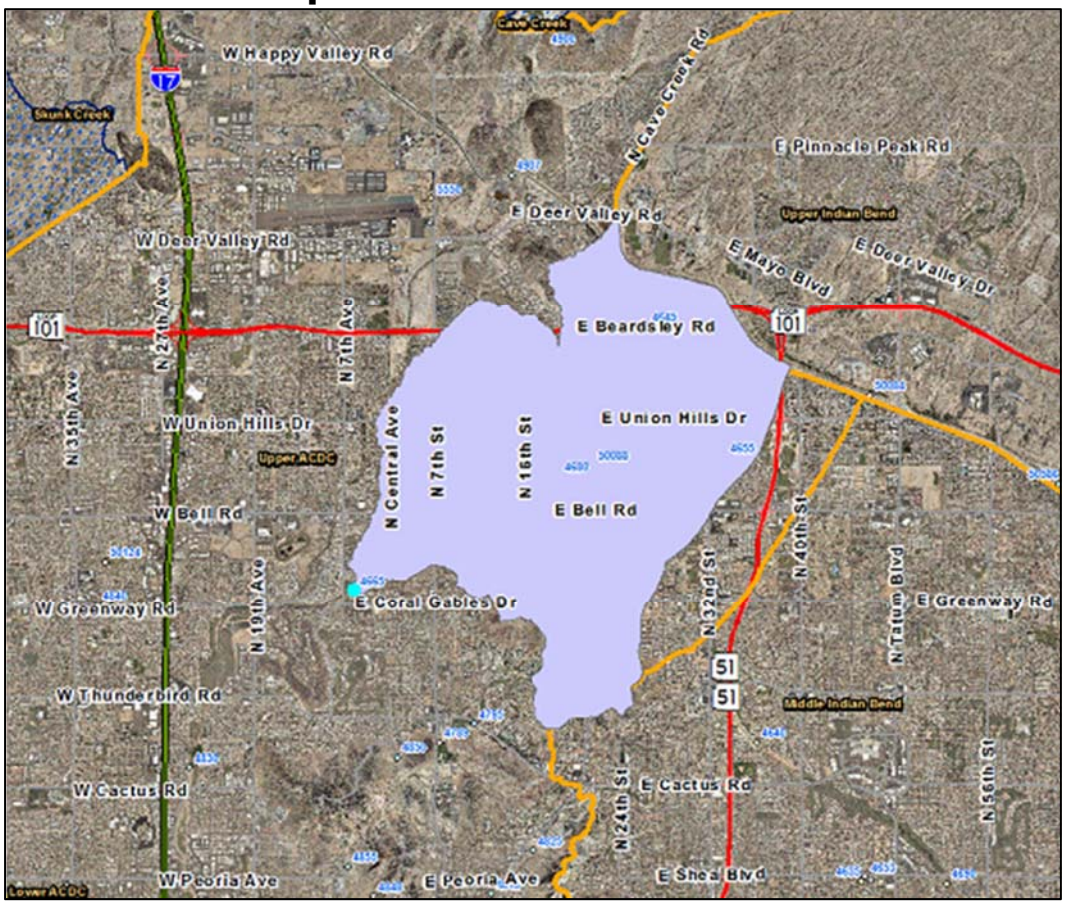
East Fork Cave Creek near 7th Avenue, ID #4668

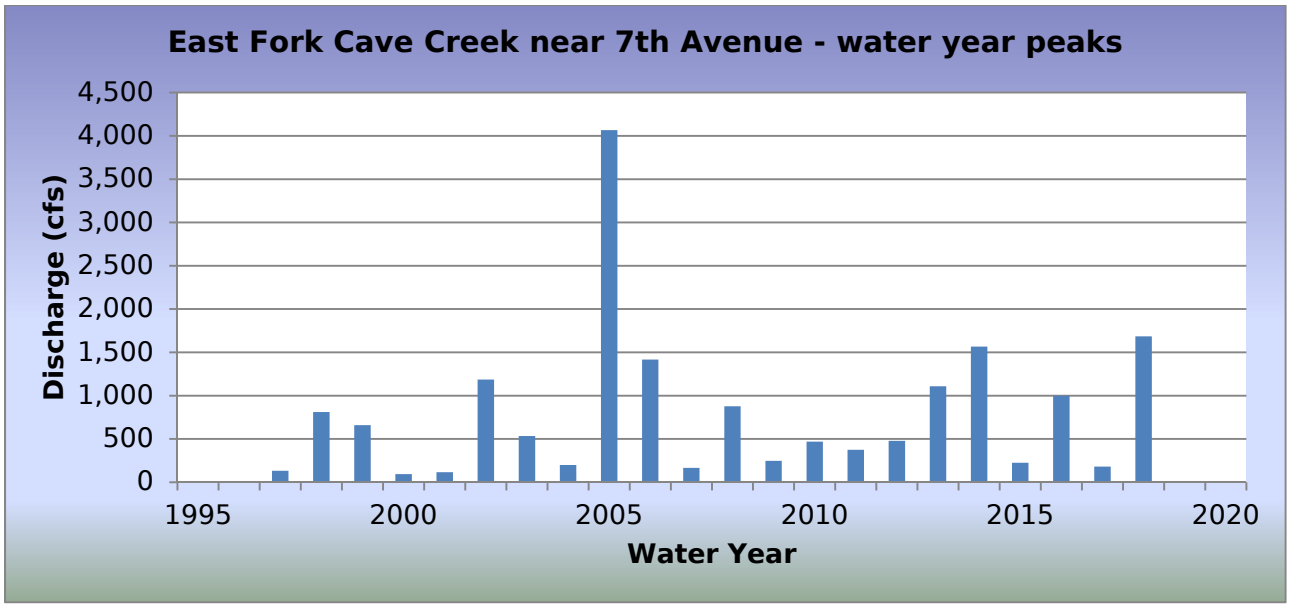


Site Data

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	21.40 Years | 7,816 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

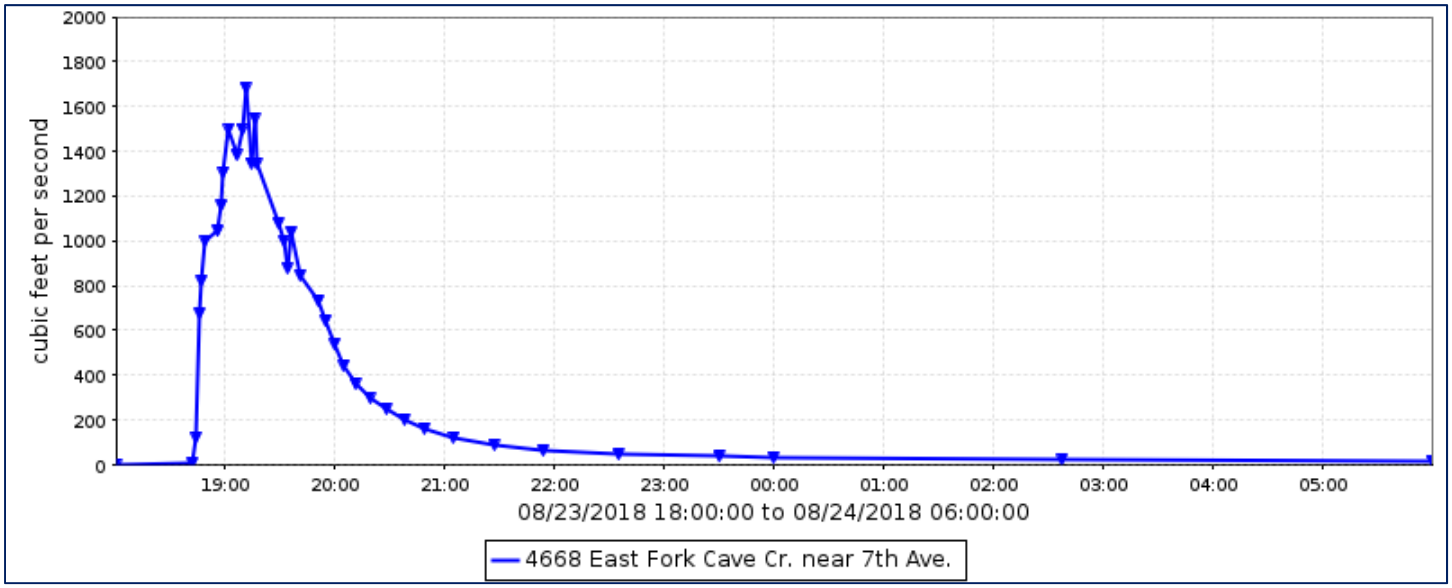




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
01/10/2018	0.87	13
07/09/2018	2.63	729
07/11/2018	1.99	396
07/31/2018	0.38	23
08/08/2018	2.04	419
08/11/2018	0.67	41
08/23/2018	4.00	1,685

Hydrograph of peak WY 2018 flow event, 08/23/2018



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**
497	**1,170**	**1,830**	**2,640**	**4,000**	**5,280**
FEMA FIS					
		5,500		**8,200**	**9,400**

East Fork Cave Creek near 7th Avenue, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8				2							20	
9				9						46	15	
10										2		
11										27	17	
12										31		
13										5		
14												
15												
16												
17												
18												
19												
20												
21												
22												
23											77	
24											18	
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---	15		---
TOTAL	0	0	0	10	0	0	0	0	0	125	147	0
MEAN	0	0	0	0	0	0	0	0	0	4	5	0
MAX	0	0	0	62	0	0	0	0	0	729	1685	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	21	0	0	0	0	0	249	291	0

WTR YR 2018 TOTAL 282 MEAN 1 MAX 1685 MIN 0 AC_FT 560

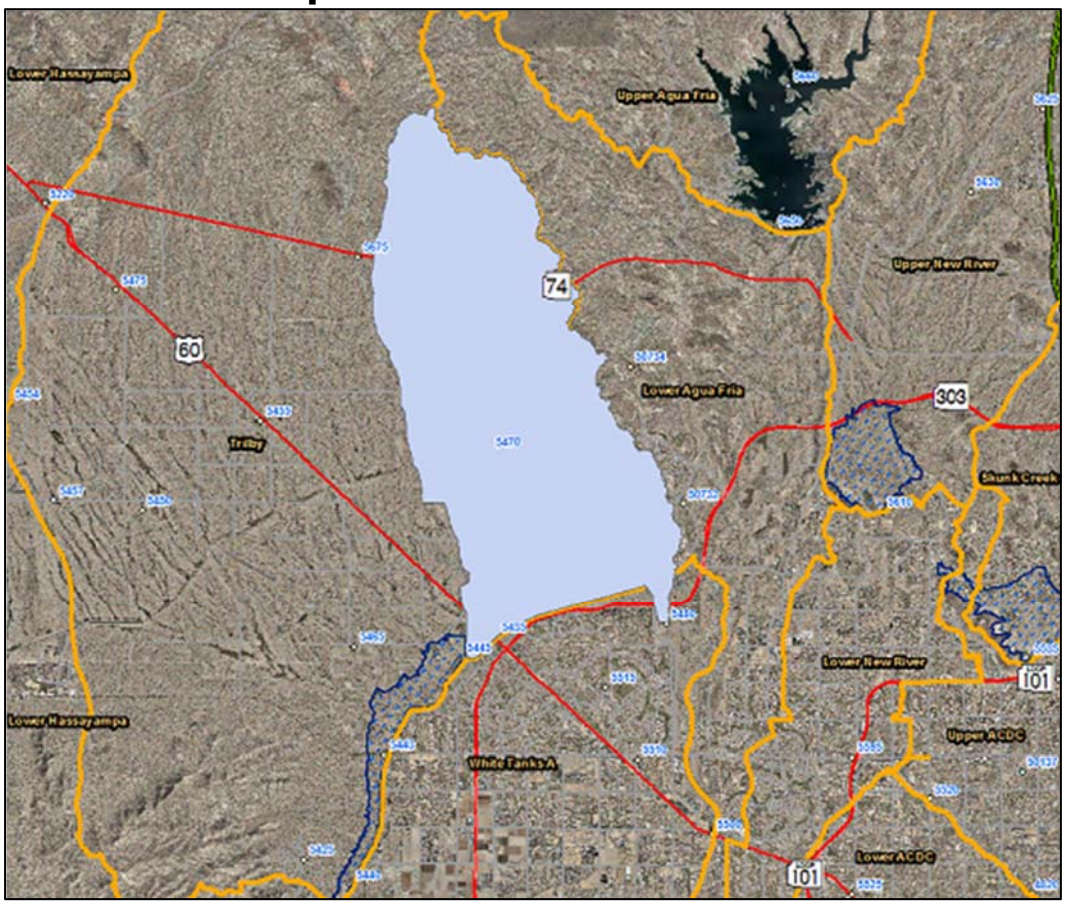
El Mirage Road Drain, ID #5483

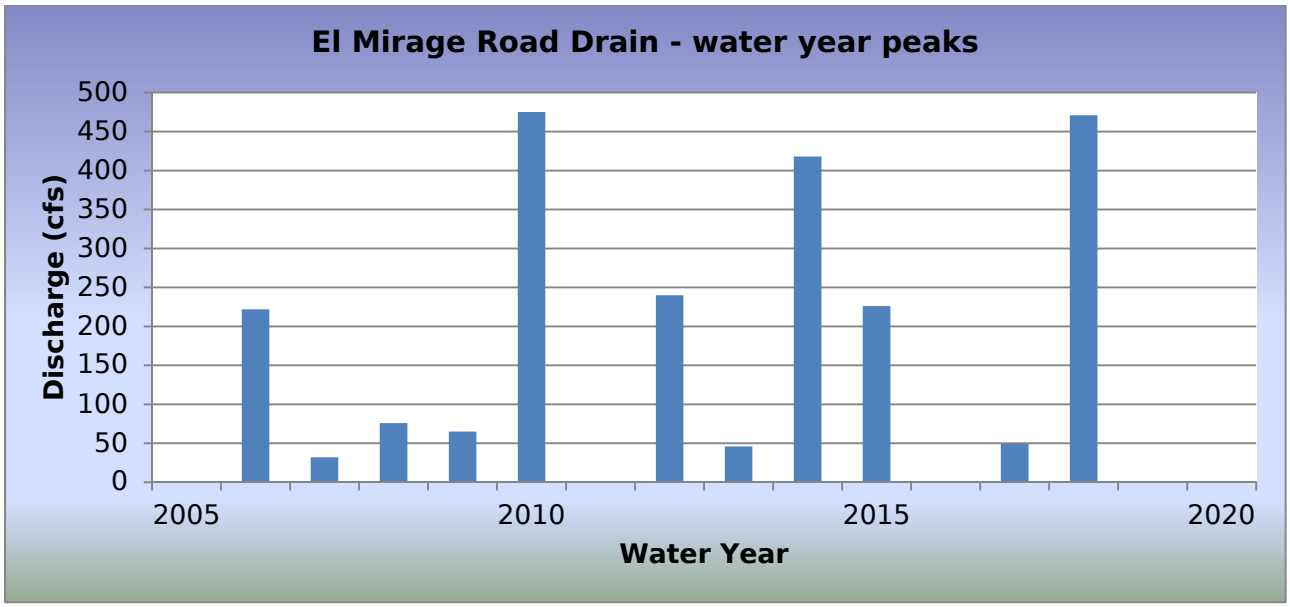


Site Data

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	12.62 Years | 4,610 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

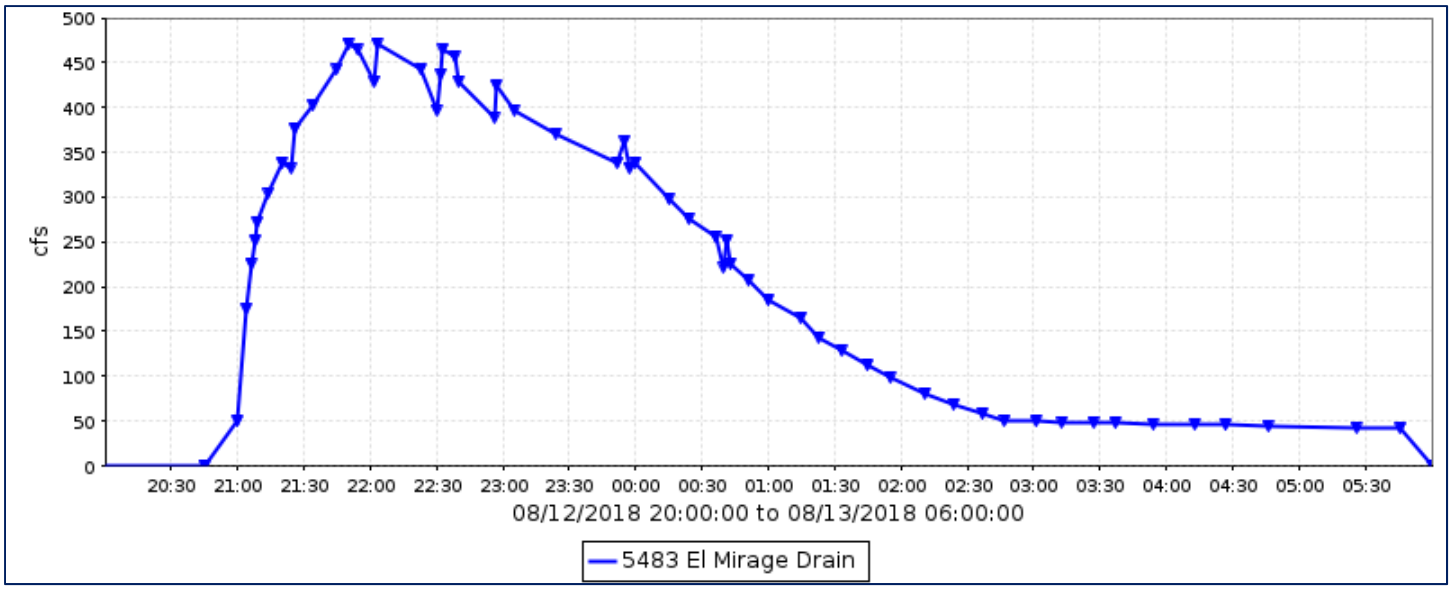




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
08/12/2018	4.99	471

Hydrograph of peak WY 2018 flow event



Flood Flow Frequency

Flood Flow Frequency N=13, HEC-WRC computation (based on 13 years of data)					
2-year	**5-year**	**10-year**	**20-year**	**50-year**	**100-year**
84	**354**	**692**	**1,160**	**1,990**	**2,790**

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 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12											49	
13											26	
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	75	0
MEAN	0	0	0	0	0	0	0	0	0	0	2	0
MAX	0	0	0	0	0	0	0	0	0	0	471	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	149	0

WTR YR 2018 TOTAL 75 MEAN 0 MAX 471 MIN 0 AC_FT 149

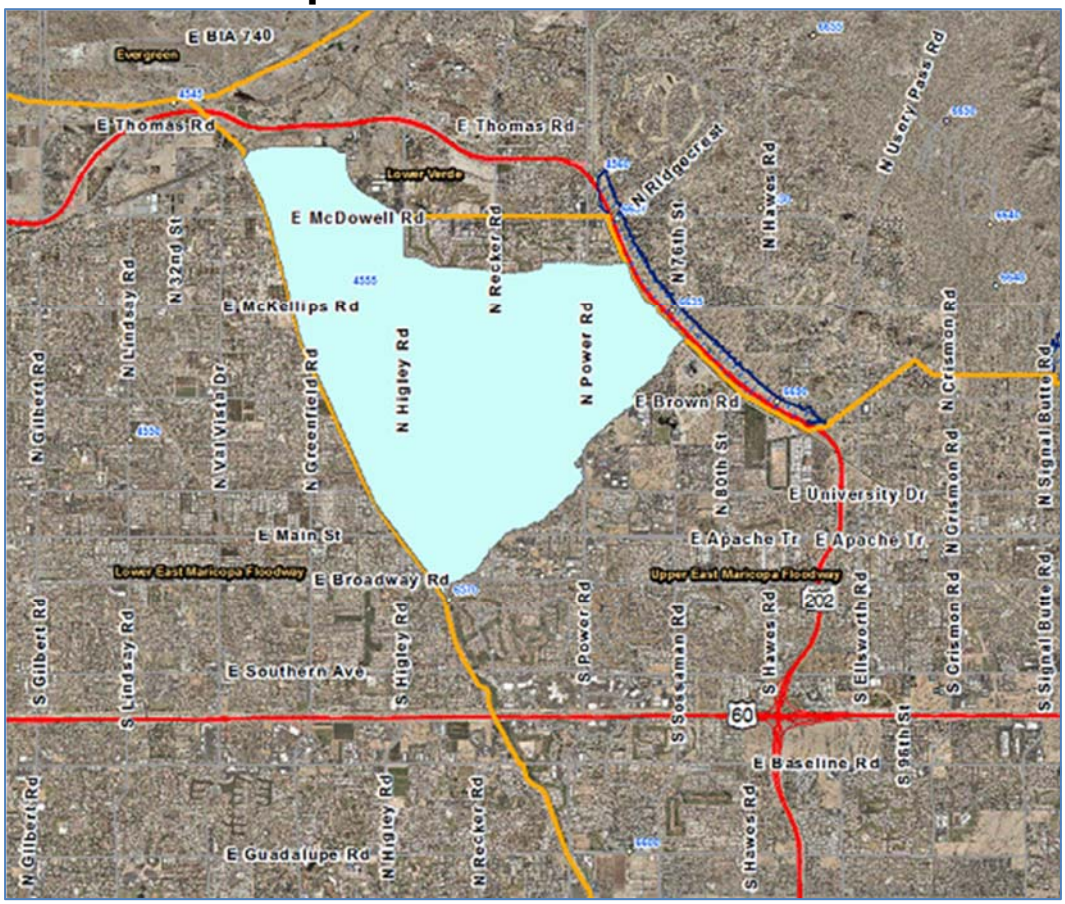
East Maricopa Floodway at Broadway Road, ID #6573

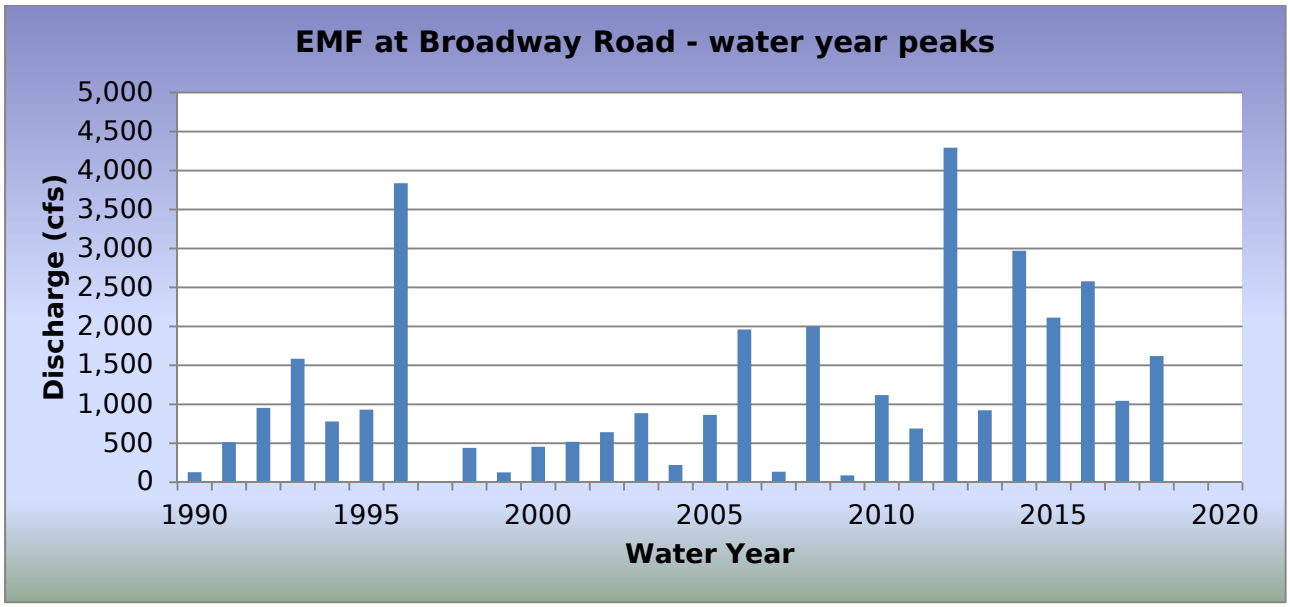


Site Data

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	28.08 Years | 10,255 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





WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
07/09/2018	1.42	364
08/10/2018	3.06	1,620

Hydrograph of peak WY 2018 flow event, 08/10/2018

Due to gage failure, hydrograph for event is unavailable.

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**
769	**1,800**	**2,730**	**3,780**	**5,370**	**6,720**

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

EMF at Broadway Road, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9										41		
10										2		
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	43	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	364	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	86	0	0

WTR YR 2018 TOTAL 43 MEAN 0 MAX 364 MIN 0 AC_FT 86

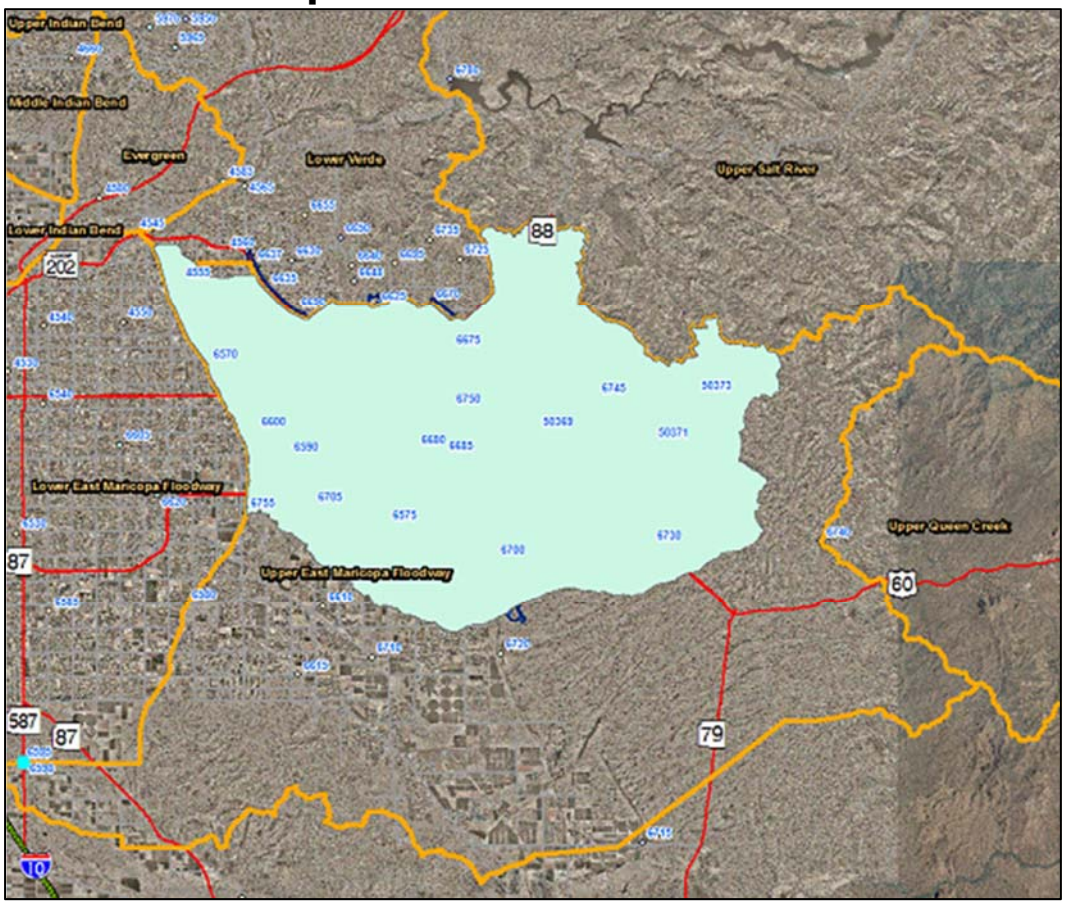
East Maricopa Fldwy below Powerline Floodway, ID #6758

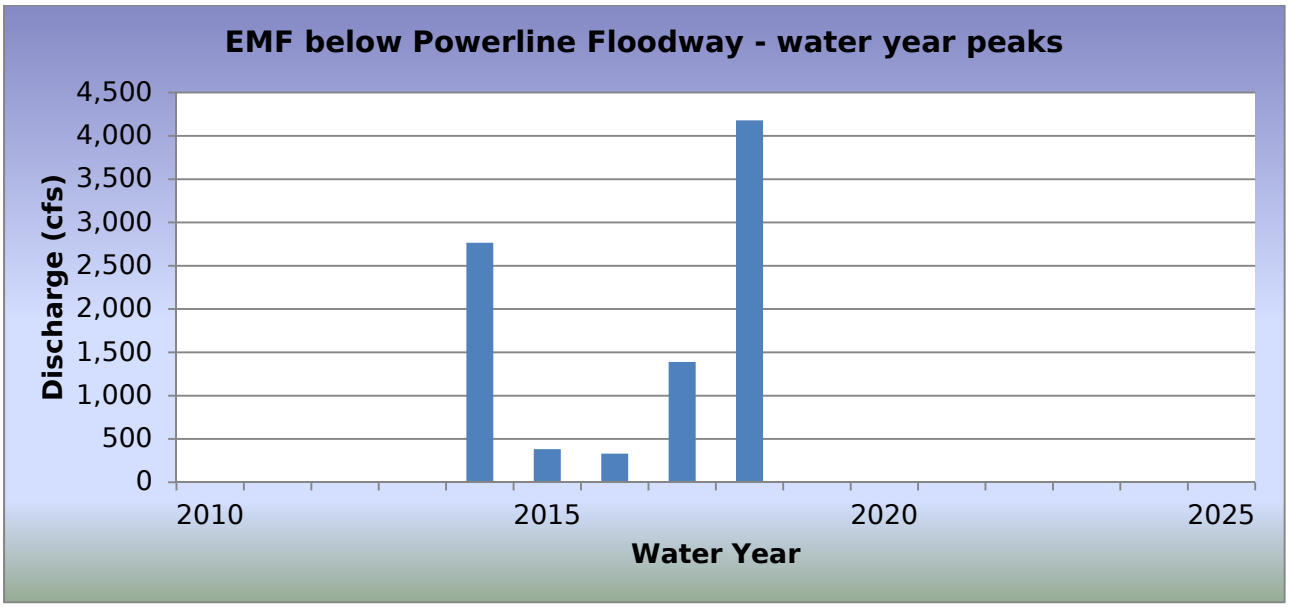


Site Data

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	4.46 Years | 1,630 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	3,372 cfs | 6.27 feet | 08/10/2018

Watershed Map

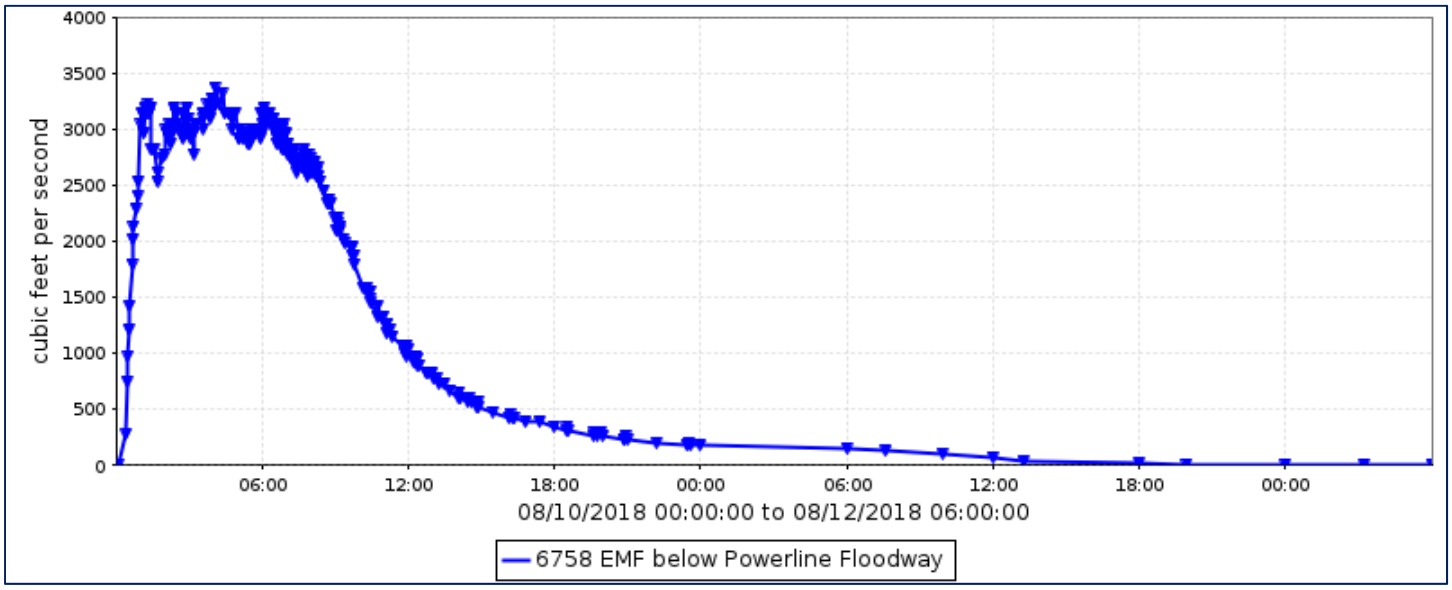




WY2018 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
08/10/2018	6.27	3,372
08/23/2018	1.77	339

Hydrograph of peak WY 2018 flow event, 08/10/2018



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 cub, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10											1417	
11											83	
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23											12	
24											191	
25											108	
26											8	
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	0	0	0	0	0	0	0	1819	0
MEAN	0	0	0	0	0	0	0	0	0	0	59	0
MAX	0	0	0	0	0	0	0	0	0	0	3372	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	3607	0

WTR YR 2018 TOTAL 1819 MEAN 5 MAX 3372 MIN 0 AC_FT 3607

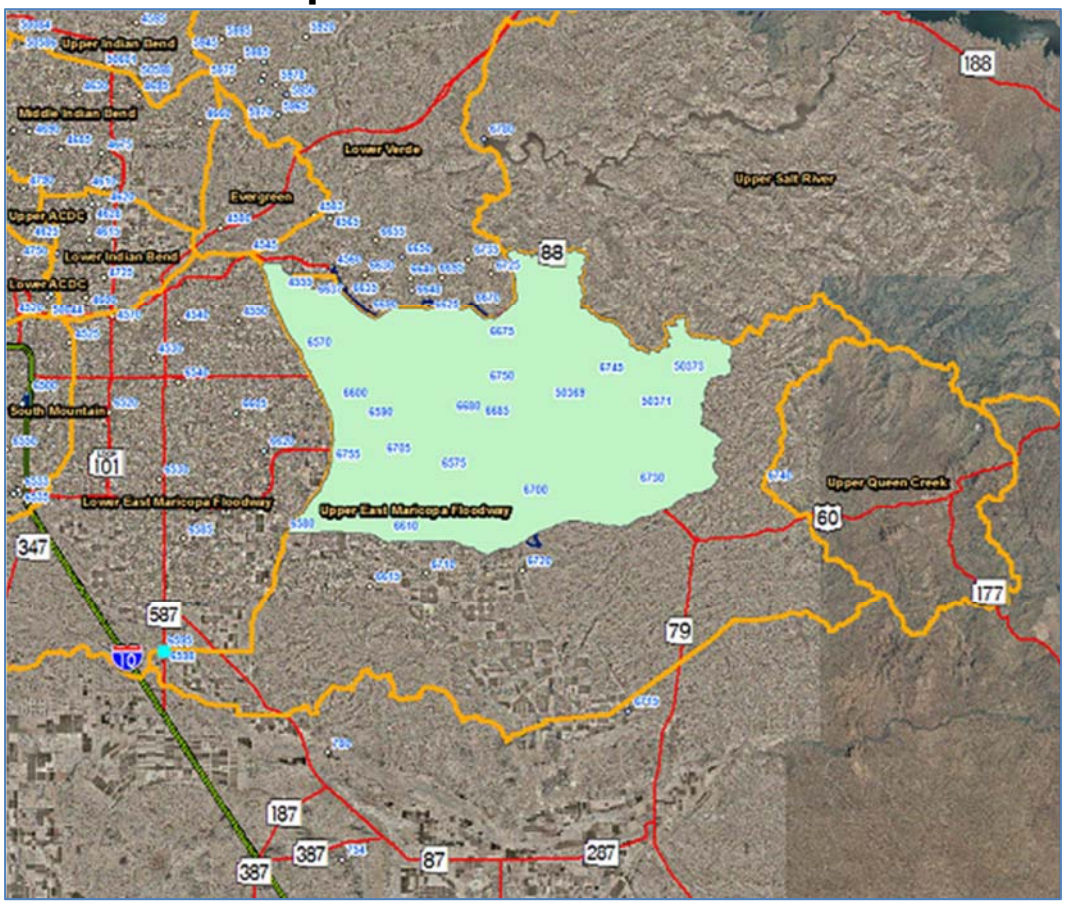
East Maricopa Floodway at Queen Creek Road, ID #6583

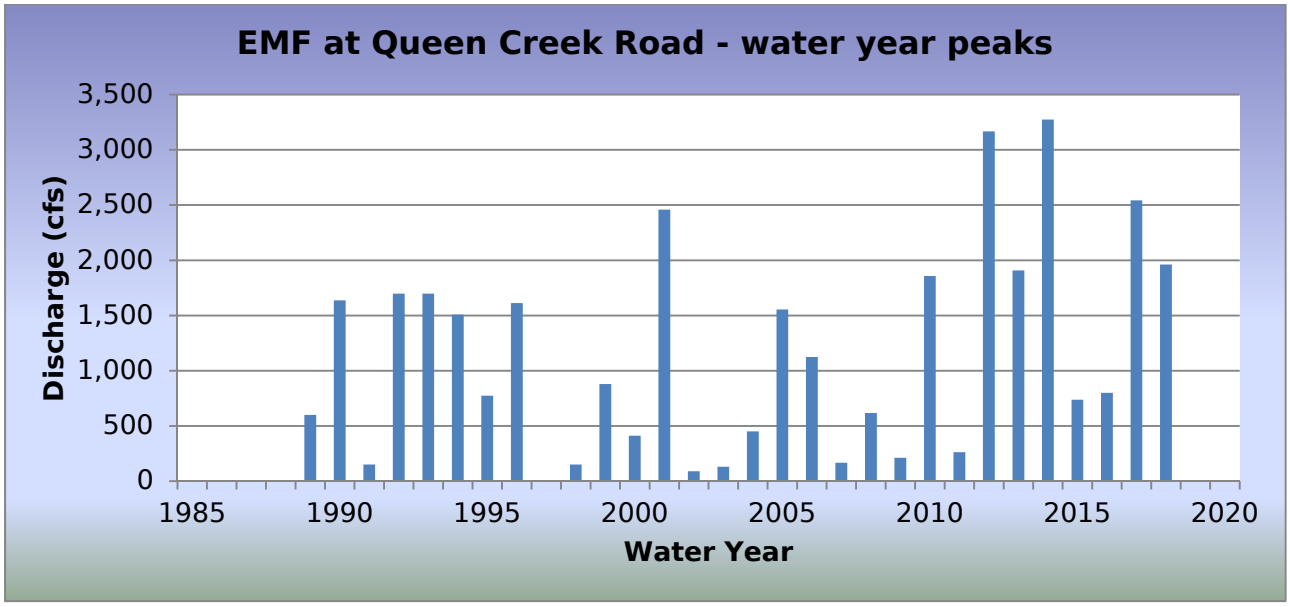


Site Data

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	29.70 Years | 10,848 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

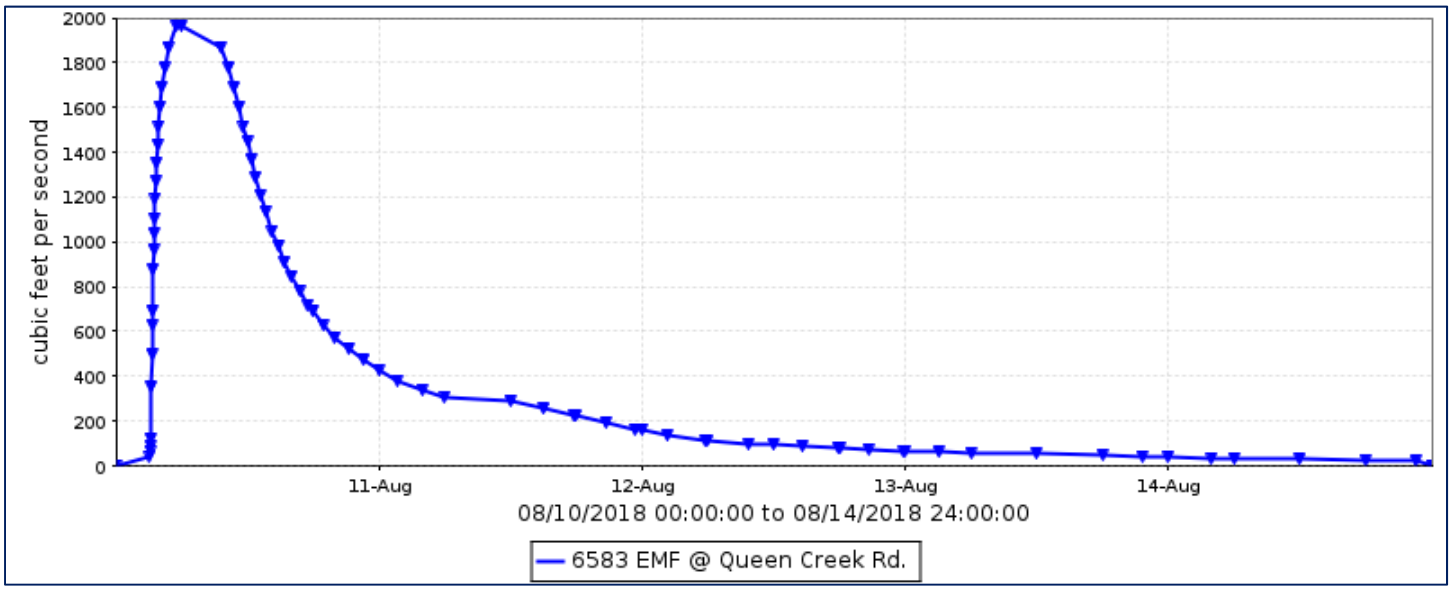




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
08/10/2018	3.73	1,962
08/24/2018	1.76	510

Hydrograph of peak WY 2018 flow event, 08/10/2018



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**
776	**1,970**	**3,040**	**4,230**	**5,980**	**7,410**

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

EMF at Queen Creek Road, runoff data

Discharge, in cub, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10											1050	
11											290	
12											104	
13											55	
14											30	
15												
16												
17												
18												
19												
20												
21												
22												
23												
24											270	
25											435	
26											303	
27											156	
28											74	
29					---						42	
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	0	0	0	0	0	0	0	2808	0
MEAN	0	0	0	0	0	0	0	0	0	0	91	0
MAX	0	0	0	0	0	0	0	0	0	0	1962	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	5569	0

WTR YR 2018 TOTAL 2808 MEAN 8 MAX 1962 MIN 0 AC_FT 5570

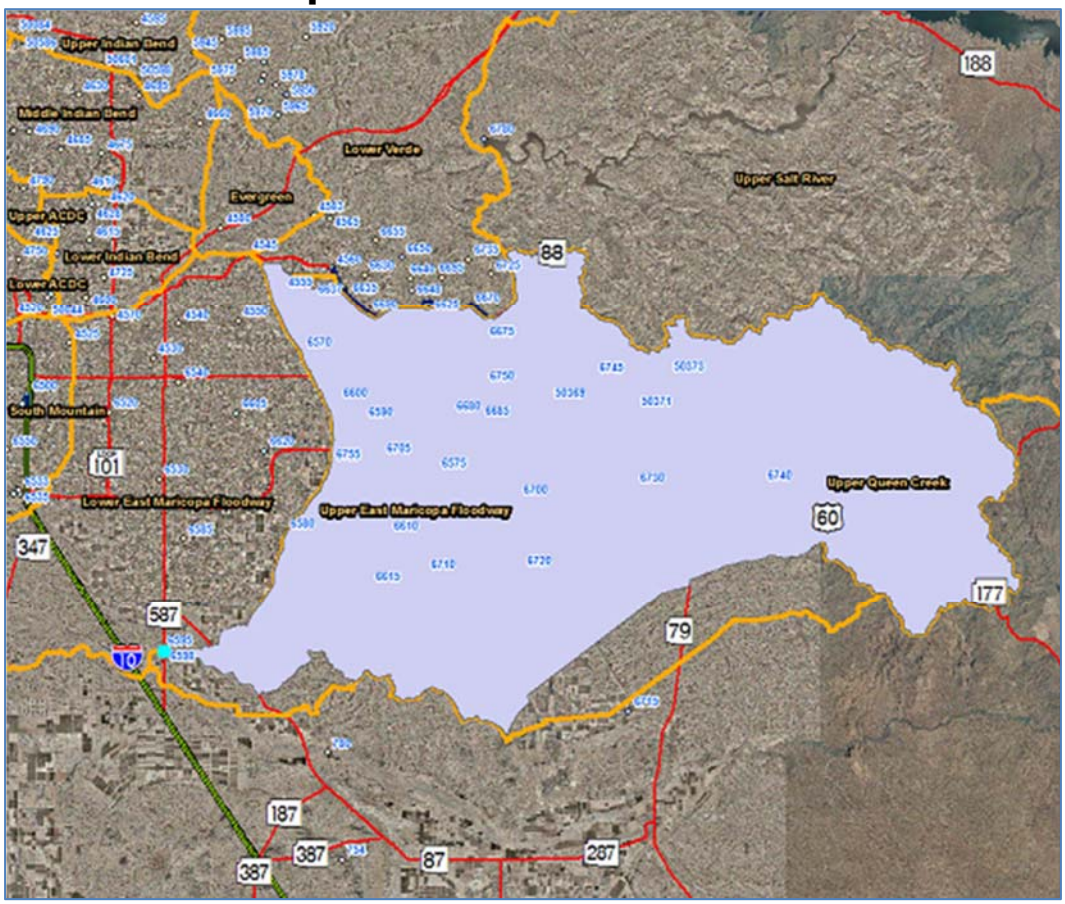
East Maricopa Floodway at Arizona Avenue, ID #6598

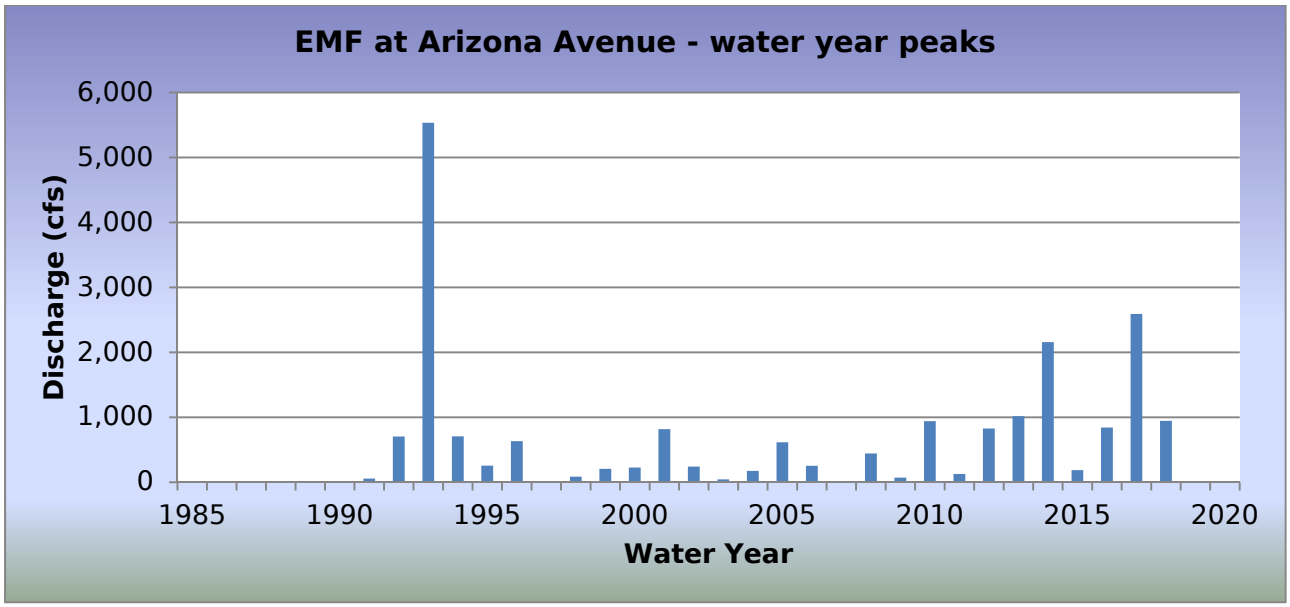


Site Data

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	29.64 Years | 10,825 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

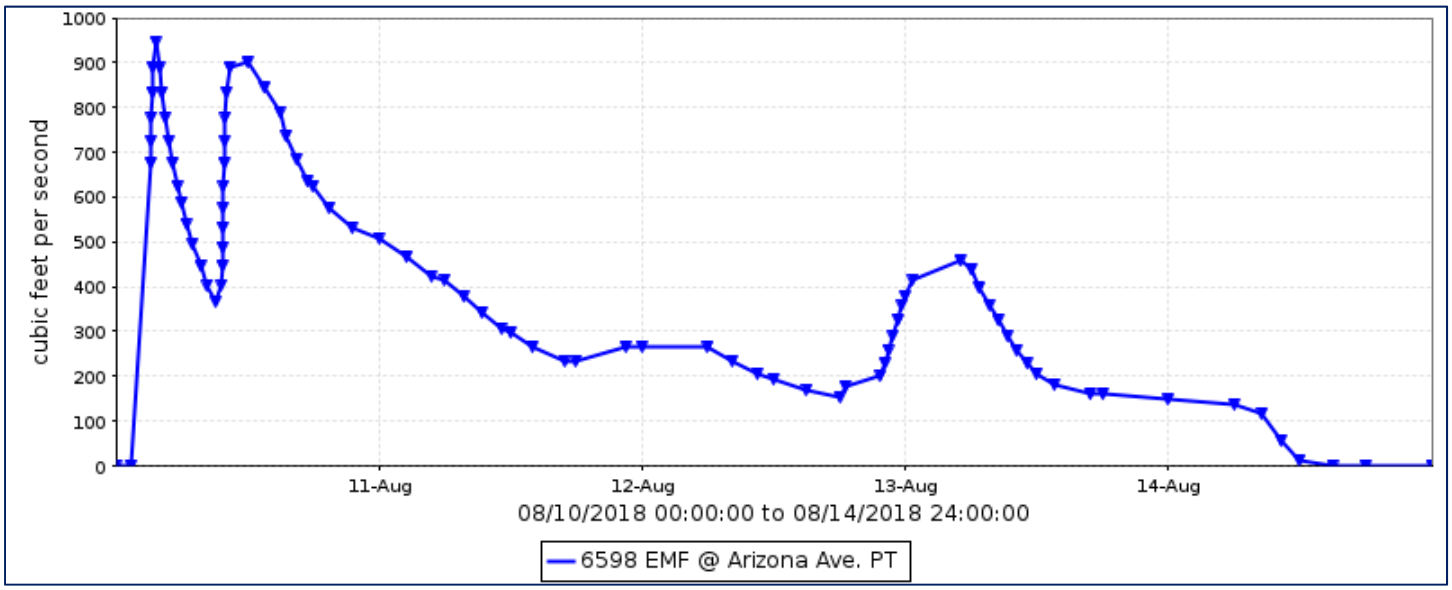




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
08/10/2018	2.37	946
08/26/2018	0.70	214

Hydrograph of peak WY 2018 flow event, 08/10/2018



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**
310	**986**	**1,760**	**2,790**	**4,650**	**6,470**

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

EMF at Arizona Avenue, runoff data

Discharge, in cub, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10											584	
11											339	
12											224	
13											271	
14											65	
15												
16												
17												
18												
19												
20												
21												
22			---									
23			---									
24			---									
25			---									
26											173	
27											154	
28											85	
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	0	0	0	0	0	0	0	1896	0
MEAN	0	0	0	0	0	0	0	0	0	0	61	0
MAX	0	0	0	0	0	0	0	0	0	0	946	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	3761	0

WTR YR 2018 TOTAL 1896 MEAN 5 MAX 946 MIN 0 AC_FT 3761

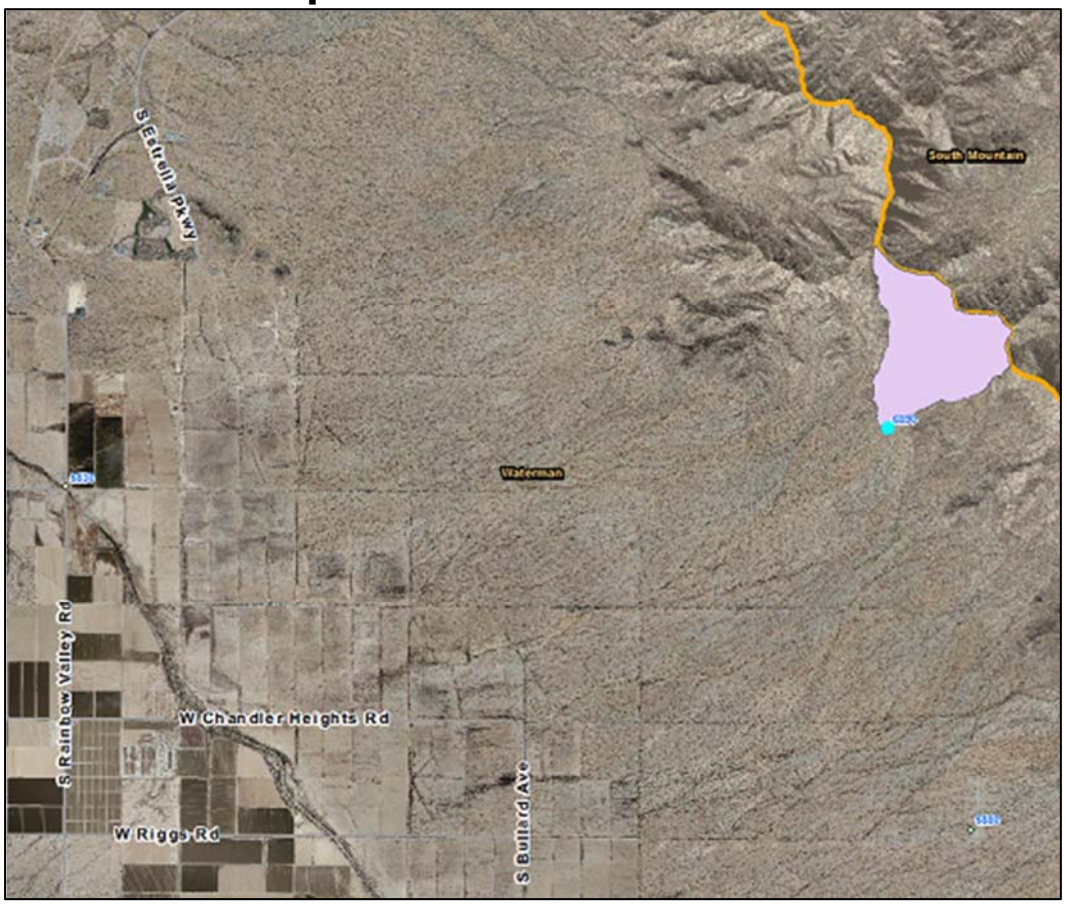
Estrella Fan, ID #6893

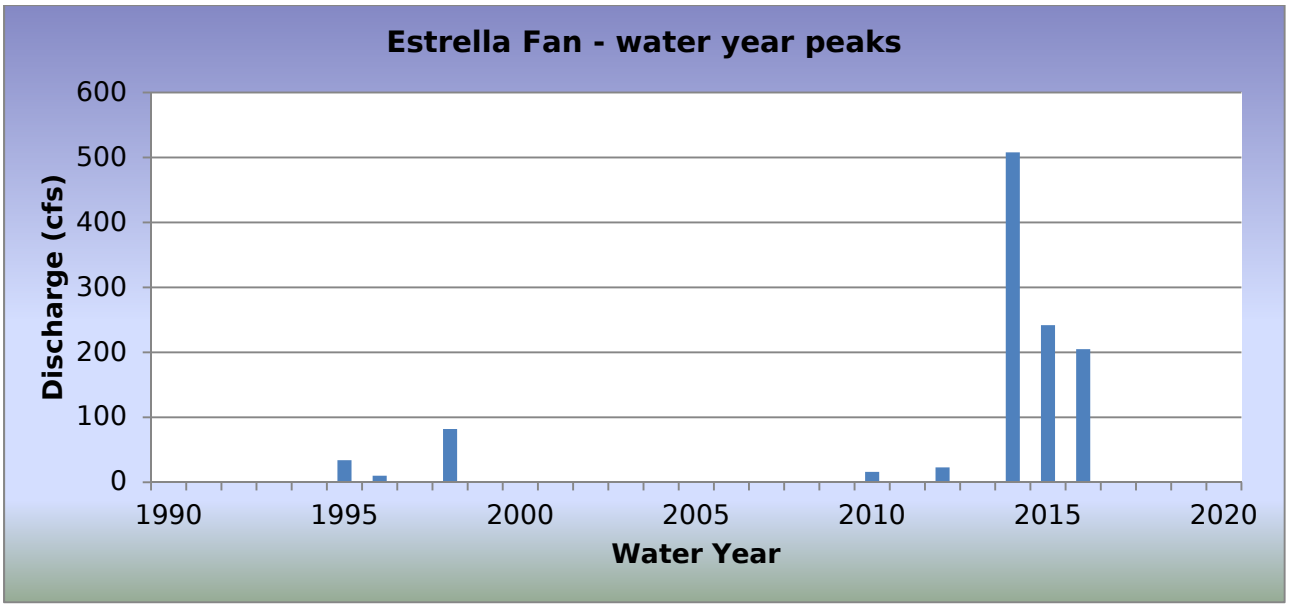


Site Data

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	25.42 Years | 9,285 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





WY2018 Events

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

Hydrograph of peak WY 2018 flow event,

No runoff events occurred in Water Year 2018.

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 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
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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 2018 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

Flying E Wash, ID #7083

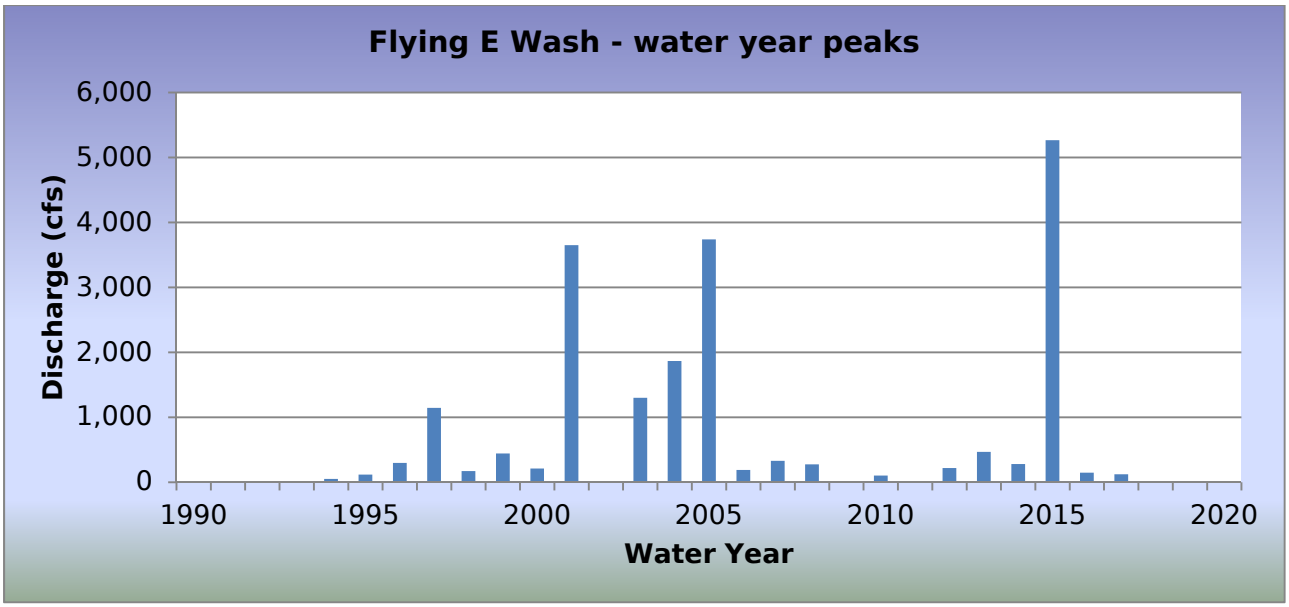


Site Data

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	24.22 Years | 8,847 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





WY2018 Events

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

Hydrograph of peak WY 2018 flow event,

No runoff events occurred in Water Year 2018.

Flood Flow Frequency

Flood Flow Frequency N=25, HEC-WRC computation (based on 25 years of data)					
2-year	**5-year**	**10-year**	**20-year**	**50-year**	**100-year**
266	**989**	**1,970**	**3,510**	**6,710**	**10,400**

NOTE: These results are based on limited data.

Flying E Wash, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
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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 2018 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

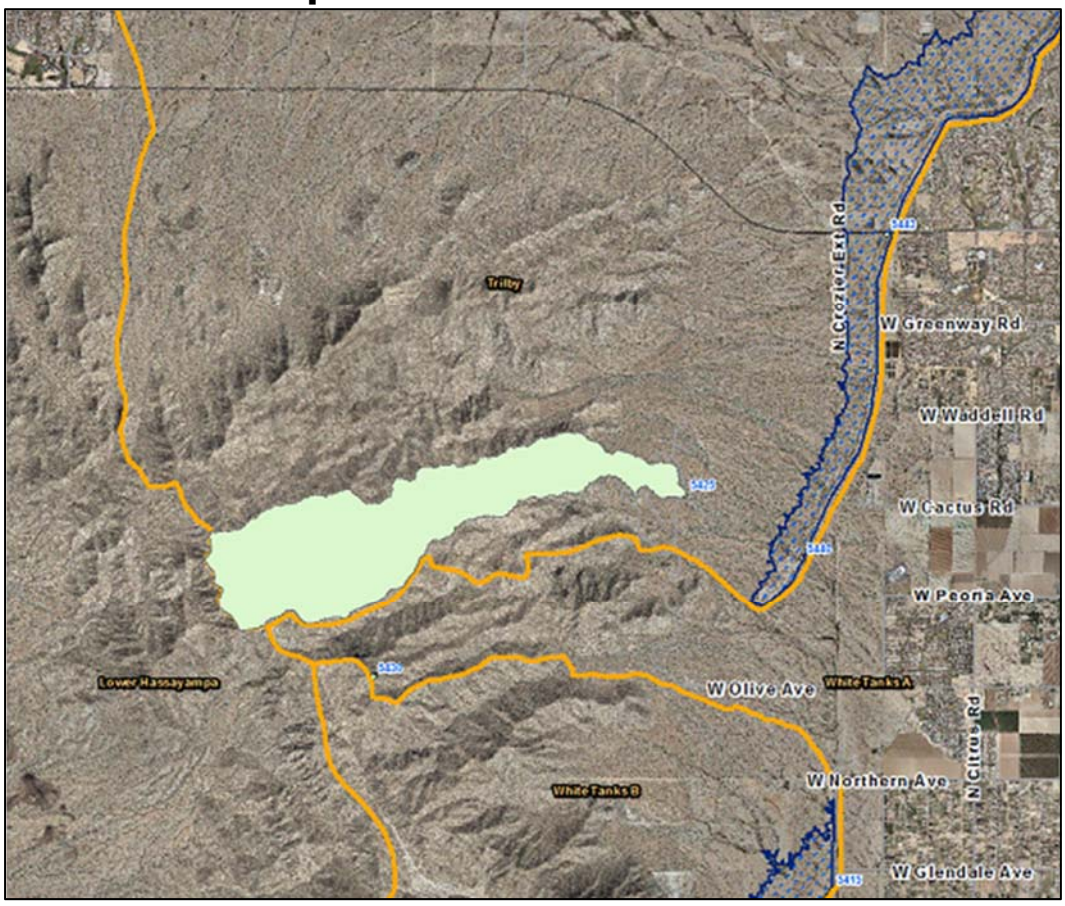
Ford Canyon Wash, ID #5428

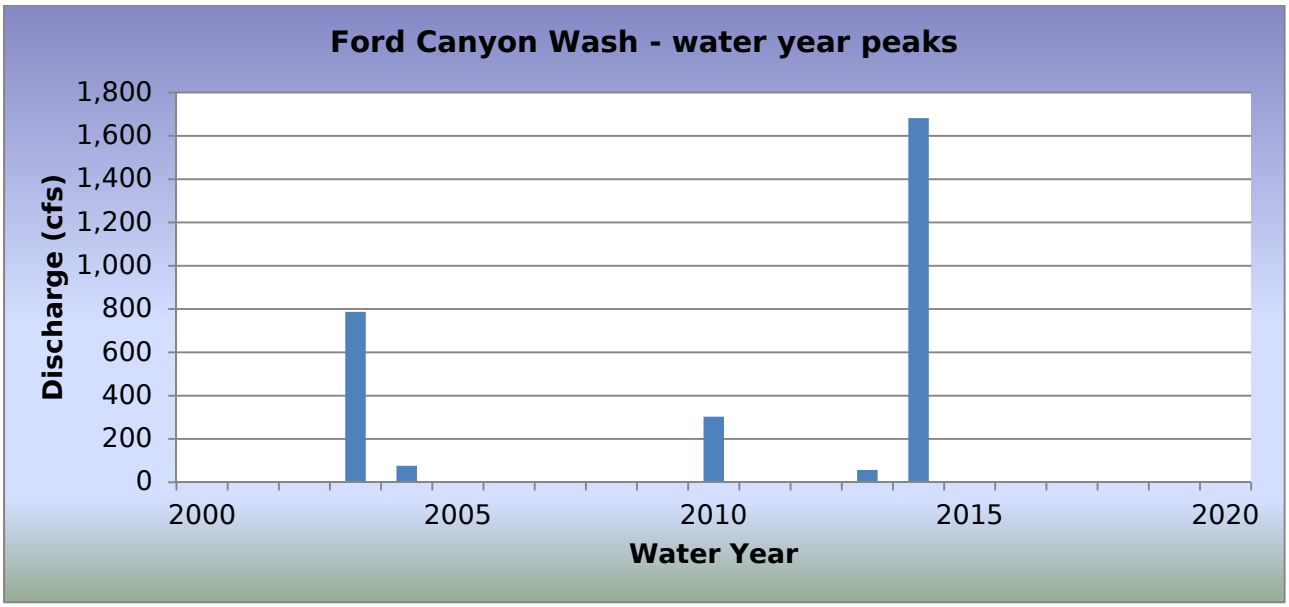


Site Data

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	16.65 Years | 6,082 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





WY2018 Events

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

Hydrograph of peak WY 2018 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 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18								8				
19								2				
20												
21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	0	0	0	0	10	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	110	0	0	0	1	0	290	1	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	20	1	0	0	0

WTR YR 2018 TOTAL 11 MEAN 0 MAX 290 MIN 0 AC_FT 22

Fourth of July Wash, ID #5043

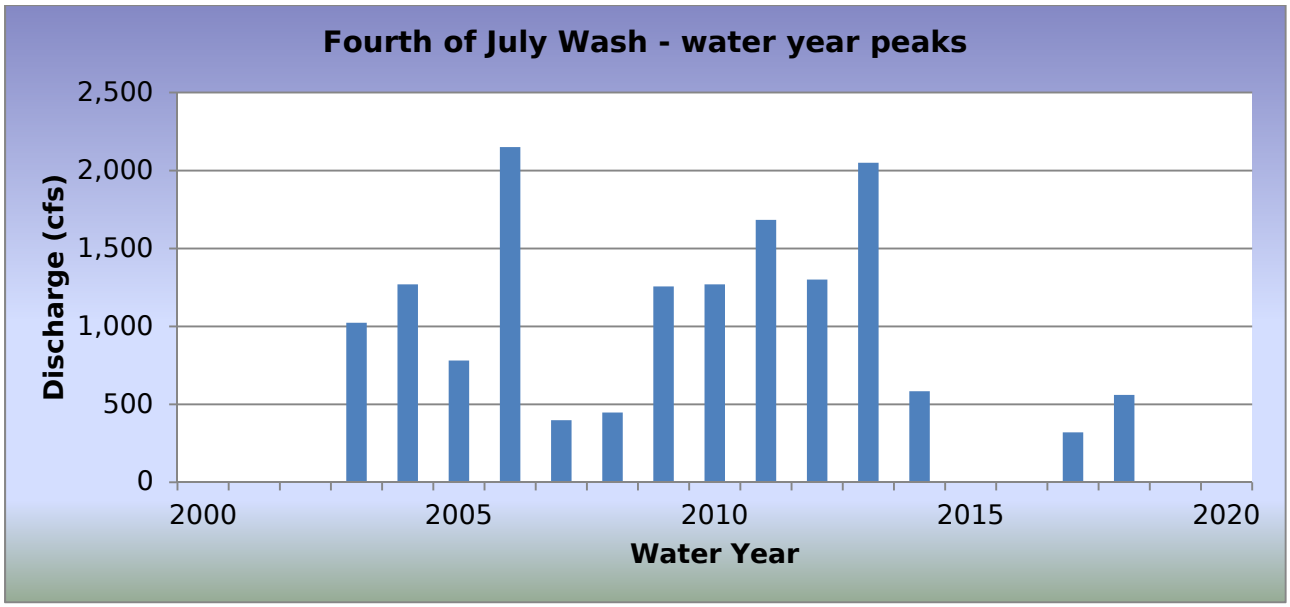


Site Data

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	16.55 Years | 6,045 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

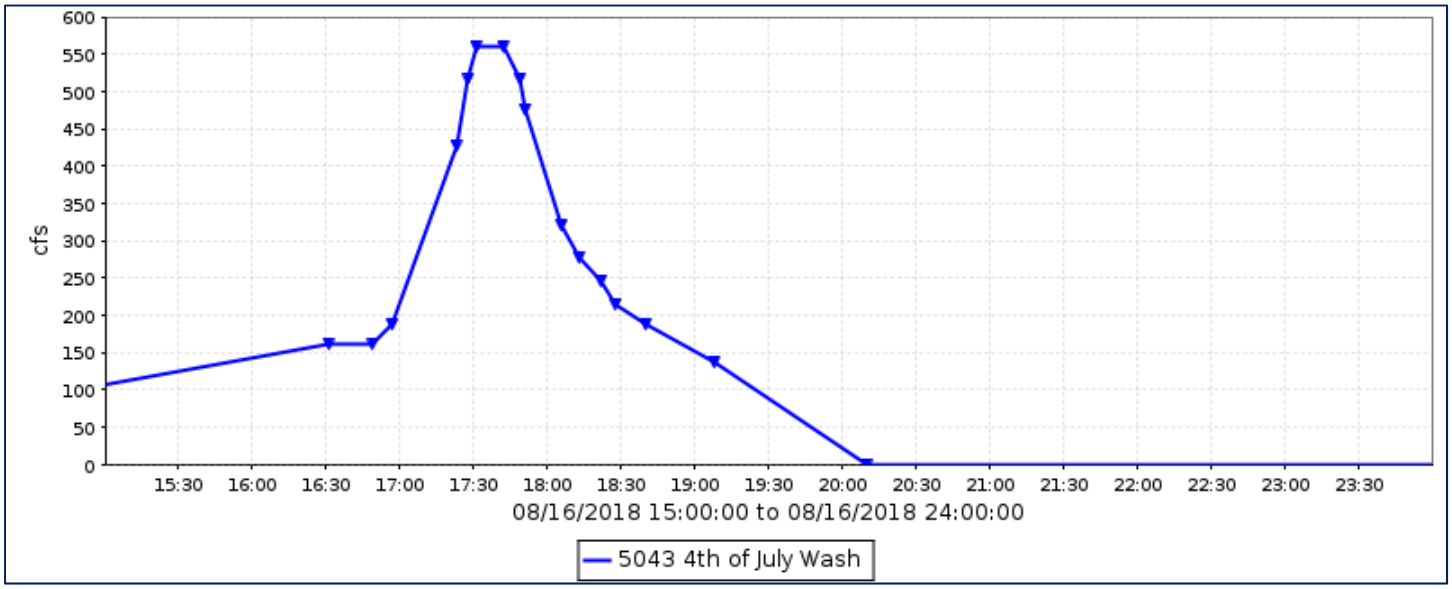




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
08/12/2018	1.35	408
08/16/2018	1.72	560

Hydrograph of peak WY 2018 flow event, 08/16/2018



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**
781	**1,410**	**1,880**	**2,360**	**3,030**	**3,550**

NOTE: These results are based on very limited data.

Fourth of July Wash, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												---
3												
4												
5												
6												
7												
8												---
9											---	---
10											---	
11											---	
12											242	
13											6	
14												---
15												---
16											37	
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	82	0
MEAN	0	0	0	0	0	0	0	0	0	0	3	0
MAX	0	0	0	0	0	0	0	0	0	0	560	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	163	0

WTR YR 2018 TOTAL 82 MEAN 0 MAX 560 MIN 0 AC_FT 163

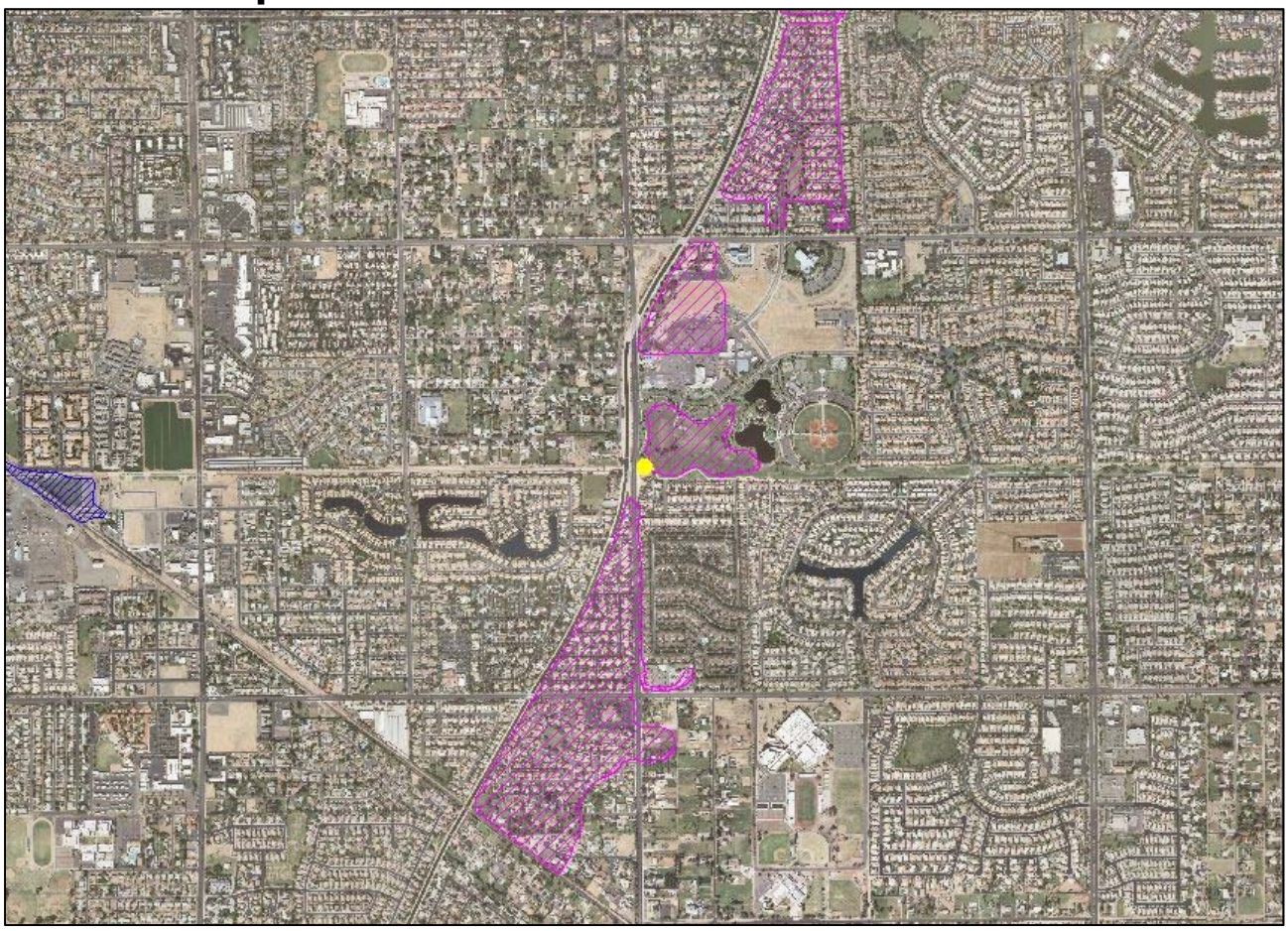
Freestone Basin, ID #6608

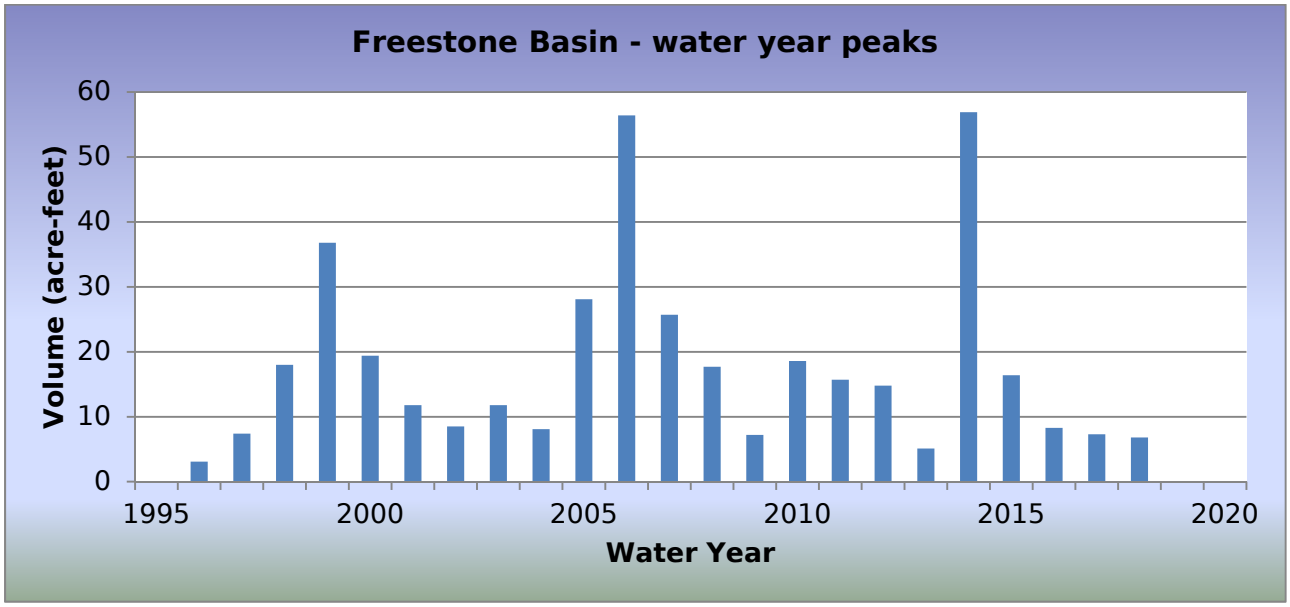


Site Data

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	22.78 Years | 8,322 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

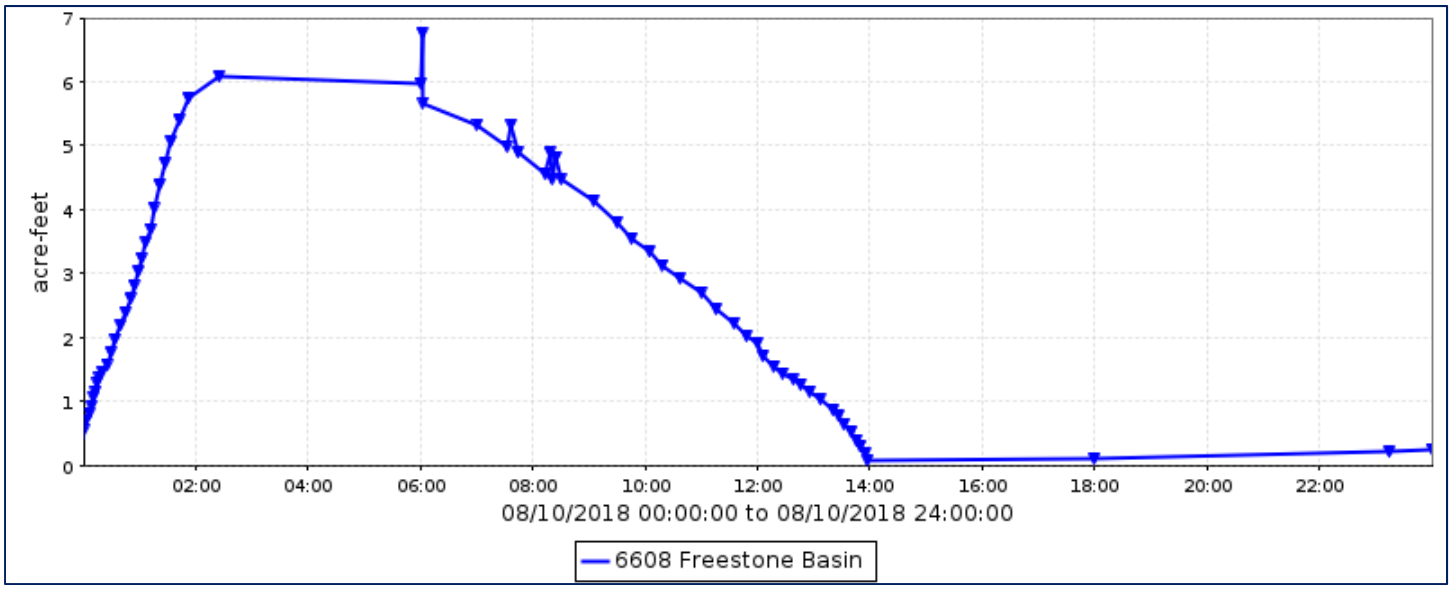




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
08/10/2018	6.40	6.8	6.8

Hydrograph of peak WY 2018 impoundment event, 08/10/2018



Freestone Basin, volume data

Volume, in acre feet, Water Year October 2017 to September 2018

Daily Mean Values

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

WTR YR 2018 MEAN 0 MAX 7 MIN 0

Freestone Basin, stage data

Depth, in feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.8	3.8	2.8	2.9
2	2.9	2.9	2.9	2.9	2.9	2.9	3.2	2.9	2.8	3.1	2.9	2.9
3	2.9	2.9	2.9	2.9	2.9	2.9	3.2	2.9	2.8	2.8	2.9	2.9
4	2.9	2.9	2.9	2.9	2.9	2.9	2.9	3.0	2.8	2.8	2.9	2.8
5	2.9	2.9	2.9	2.9	2.9	2.9	3.1	2.9	2.8	2.8	3.1	2.8
6	2.9	2.9	2.9	2.9	2.9	2.9	3.2	3.3	2.8	2.8	2.9	2.8
7	2.9	2.9	2.9	2.9	2.9	2.9	2.9	3.0	2.8	2.8	2.8	2.8
8	2.9	2.9	2.9	2.9	2.9	2.9	2.9	3.0	2.8	3.1	2.8	3.1
9	2.9	2.9	2.9	3.0	2.9	2.9	3.2	2.9	2.8	3.2	2.8	3.0
10	2.9	2.9	2.9	5.1	2.9	2.9	3.3	2.9	2.8	3.1	4.4	2.9
11	2.9	2.9	2.9	4.8	2.9	2.9	3.3	2.9	2.8	3.0	3.0	2.8
12	2.9	2.9	2.9	4.6	2.9	2.9	3.2	2.9	2.8	3.7	2.8	2.8
13	2.9	2.9	2.9	4.4	2.9	2.9	2.9	3.2	2.8	2.9	2.8	2.8
14	2.9	3.4	2.9	4.2	3.1	2.9	2.9	3.0	2.8	2.8	2.8	2.8
15	2.9	3.2	2.9	4.0	3.4	2.9	3.0	2.9	2.8	3.2	2.8	2.8
16	2.9	2.9	2.9	3.9	2.9	2.9	3.2	2.9	2.8	2.8	2.8	3.3
17	2.9	2.9	3.5	3.8	2.9	3.0	3.2	3.0	2.8	2.8	2.8	3.0
18	2.9	2.9	3.0	3.7	3.3	2.9	2.9	2.8	2.8	2.8	3.1	2.8
19	2.9	2.9	2.9	3.6	3.4	3.0	3.1	2.8	2.8	2.8	3.0	3.3
20	2.9	2.9	2.9	3.5	3.0	2.9	3.1	2.8	2.8	2.8	2.9	3.2
21	2.9	2.9	2.9	3.4	2.9	2.9	2.9	2.8	2.8	2.8	2.8	2.8
22	2.9	2.9	2.9	3.3	2.9	2.9	2.9	2.8	2.8	3.3	2.8	2.8
23	2.9	2.9	2.9	3.2	2.9	2.9	3.1	2.8	2.8	3.0	2.8	2.8
24	2.9	3.0	2.9	3.0	2.9	2.9	3.2	2.8	2.9	2.8	2.9	2.8
25	2.9	2.9	2.9	3.2	2.9	3.3	2.9	2.8	2.8	2.8	3.2	2.8
26	2.9	2.9	2.9	3.0	2.9	2.9	3.1	2.8	2.8	2.8	3.5	2.8
27	2.9	2.9	2.9	2.9	2.9	2.9	3.0	2.8	2.8	2.8	2.8	2.8
28	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.8	2.8	2.8	2.8
29	2.9	2.9	2.9	2.9	---	2.9	2.9	2.8	2.9	3.2	2.8	2.8
30	3.0	2.9	2.9	2.9	---	3.1	2.9	2.8	3.3	3.1	2.8	3.1
31	3.0	---	2.9	2.9	---	2.9	---	2.8	---	3.0	2.8	---
MEAN	2.9	2.9	2.9	3.4	2.9	2.9	3.0	2.9	2.9	3.0	3.0	2.9
MAX	3.4	4.0	4.8	5.1	4.6	4.0	4.2	3.8	3.7	5.3	6.4	4.2
MIN	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.8	2.8	2.8	2.8	2.8

WTR YR 2018 MEAN 2.96 MAX 6.40 MIN 2.83

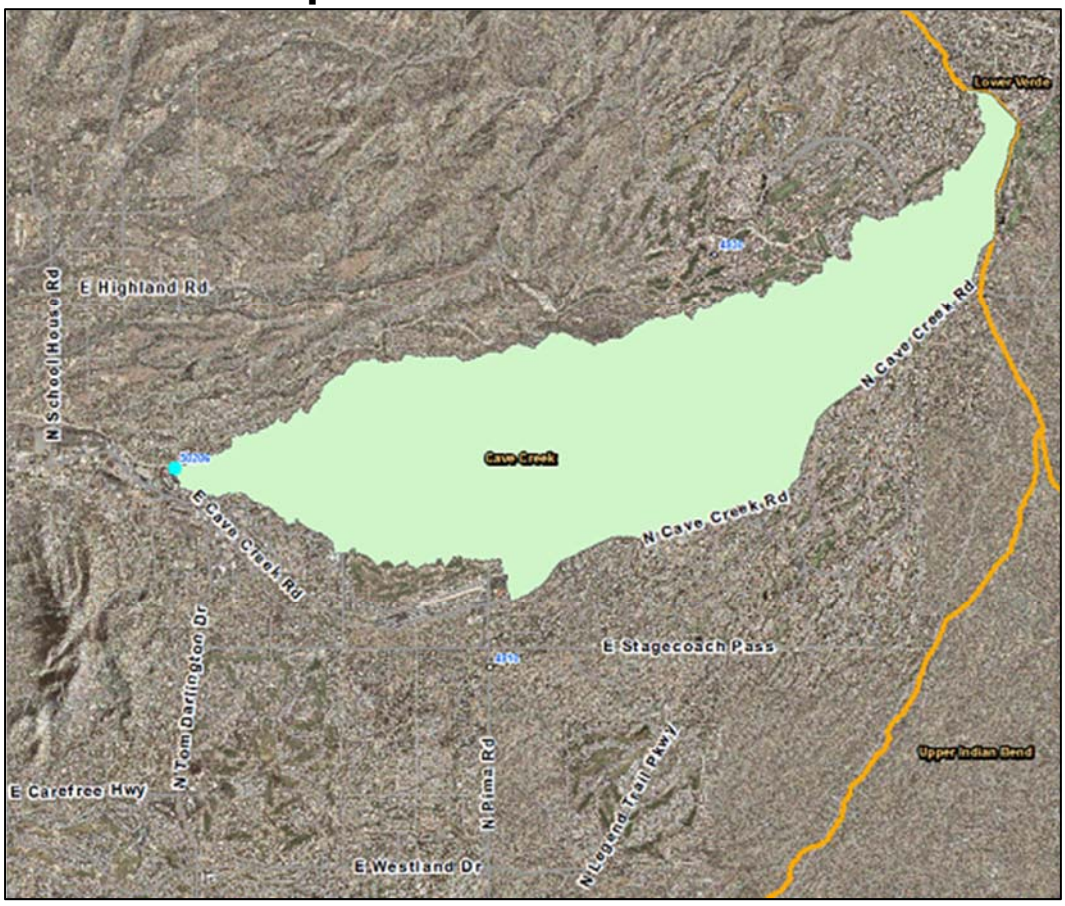
Galloway Wash at Galloway Road, ID #20607

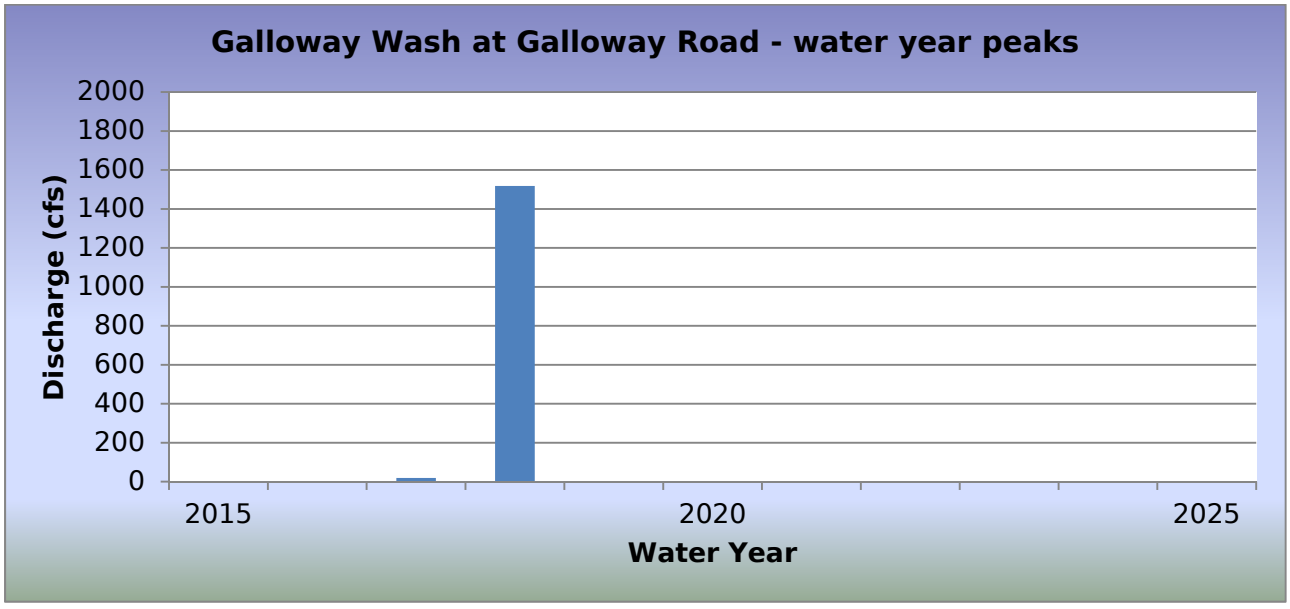


Site Data

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	2.12 Years | 776 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.15 feet Gage Height
STAFF GAGES	1
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	2,285.00 feet NAVD88
POINT OF ZERO FLOW	0.1 feet Gage Height
EXTREME FOR PERIOD OF RECORD	1,518 cfs | 2.52 feet GH | 08/23/2018

Watershed Map

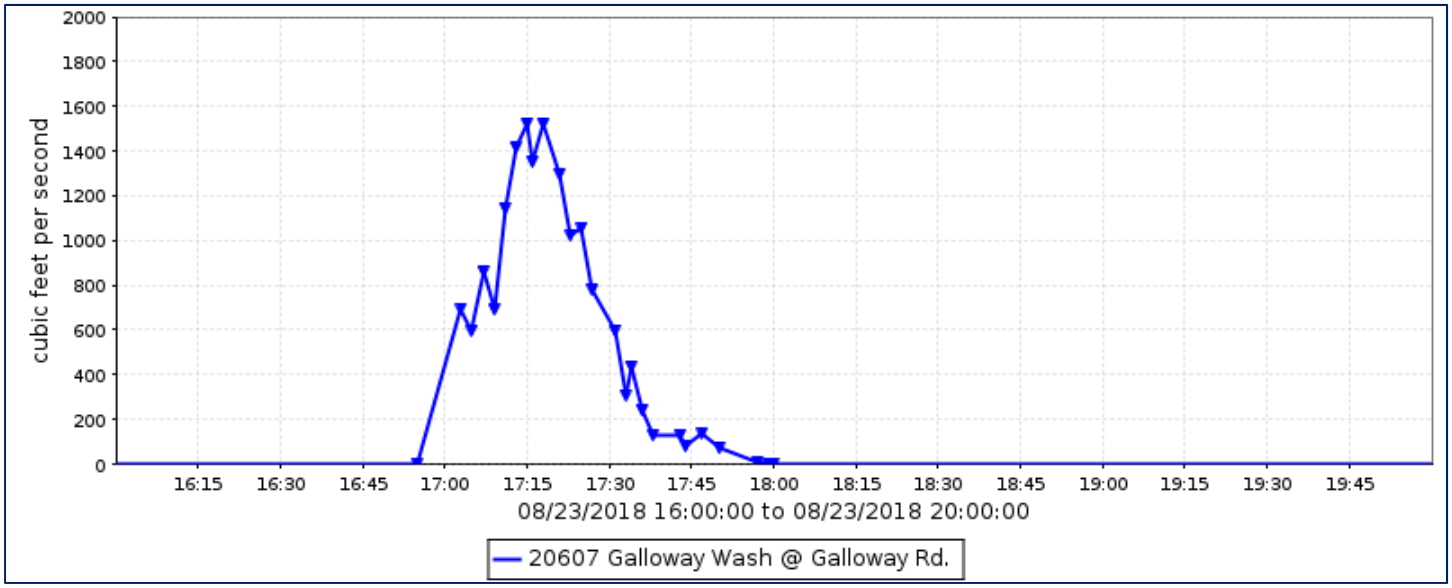




WY2018 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
08/23/2018	2.52	1,518

Hydrograph of peak WY 2018 flow event, 08/23/2018



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 cub, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23											24	
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	0	0	0	0	0	0	0	24	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	1521	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	47	0

WTR YR 2018 TOTAL 24 MEAN 0 MAX 1521 MIN 0 AC_FT 47

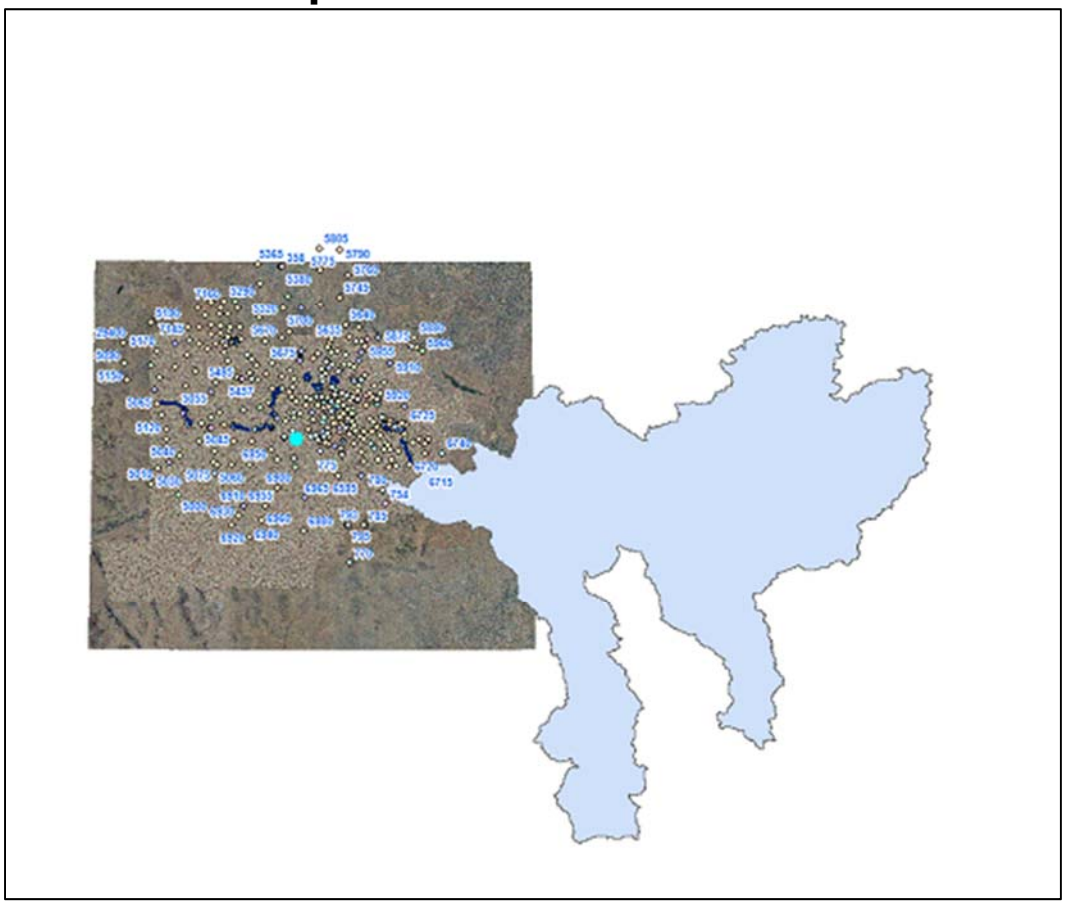
Gila River at Olberg Road, ID #0783

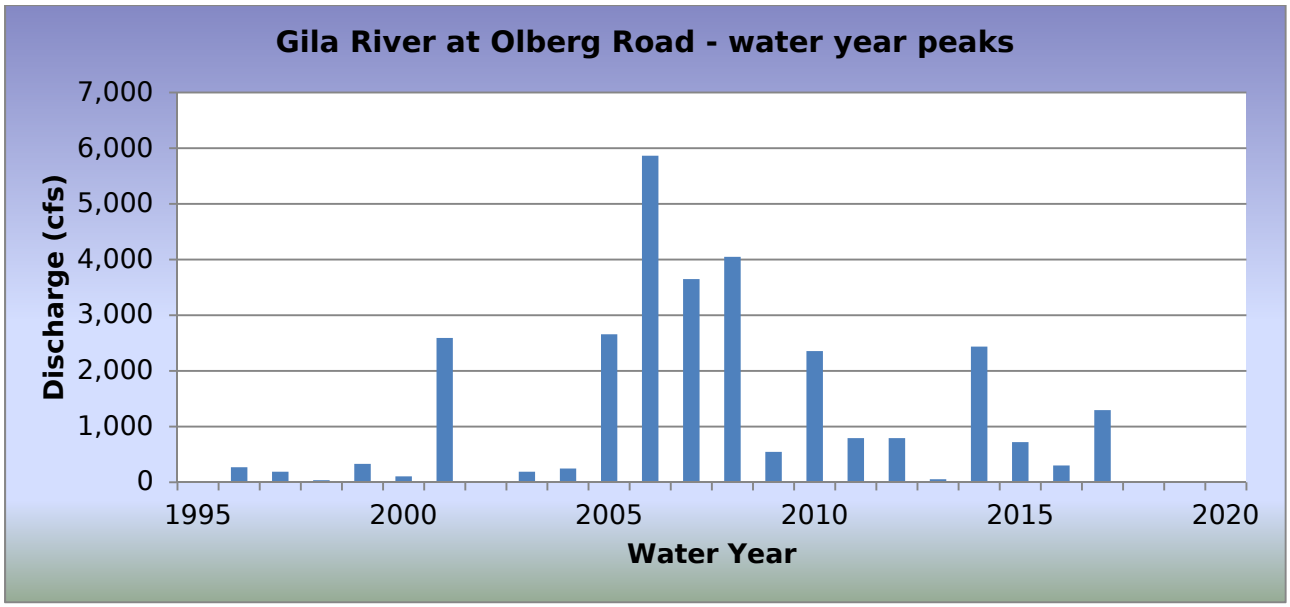


Site Data

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	23.47 Years | 8,573 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





WY2018 Events

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

Hydrograph of peak WY 2018 flow event,

No recorded runoff during Water Year 2018.

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**
435	**1,530**	**2,890**	**4,800**	**8,370**	**12,000**

Gila River at Olberg Road, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22			---									
23			---									
24			---									
25			---									
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
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 2018 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

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

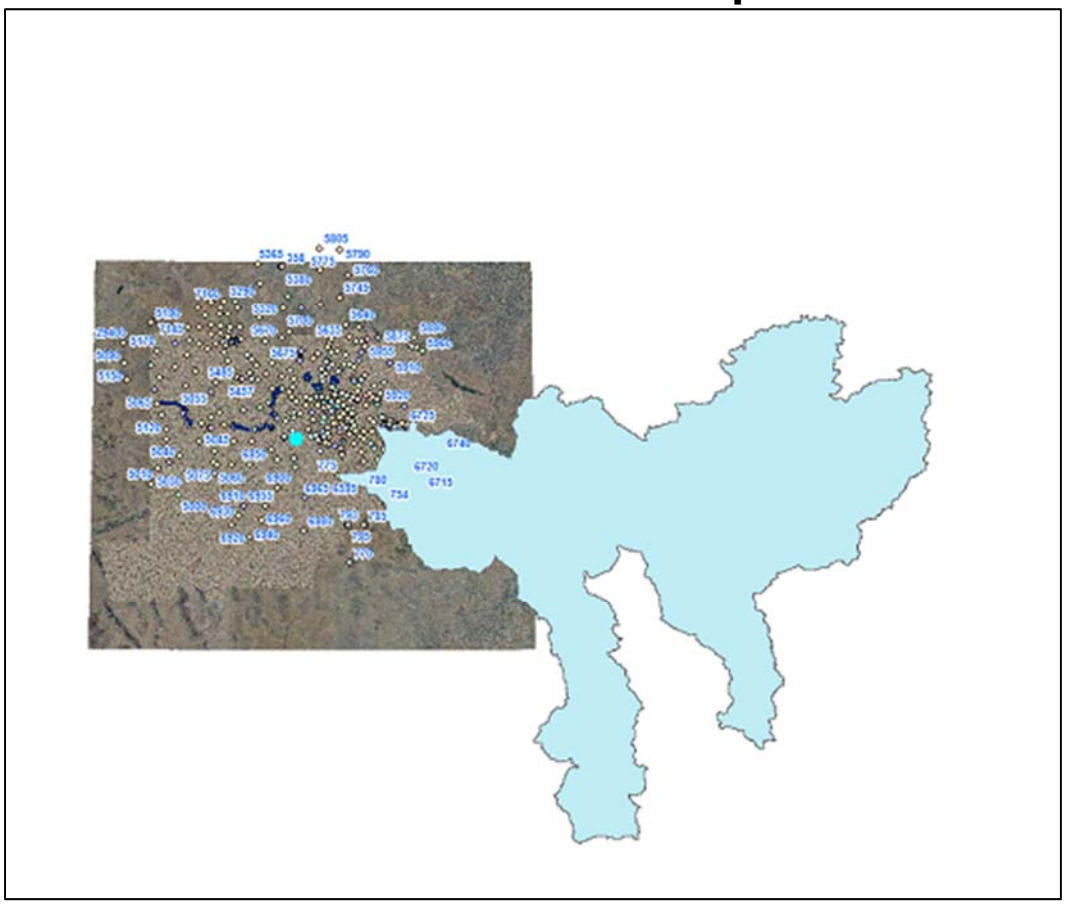
Gila River at Maricopa Road, ID #0778

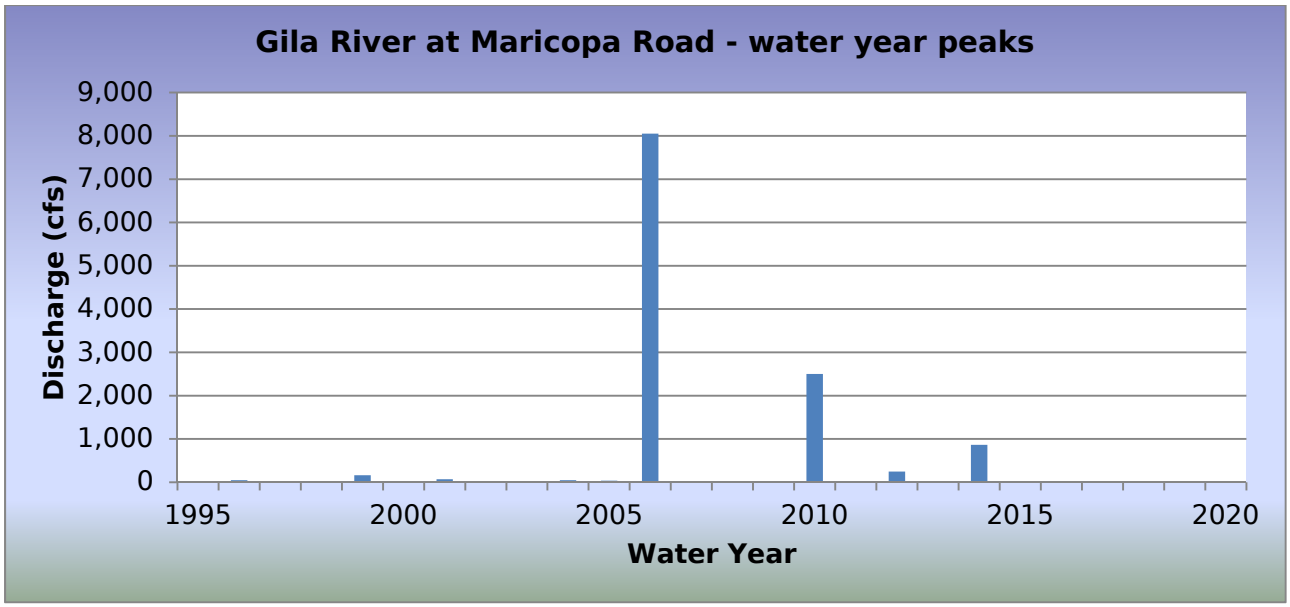


Site Data

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	23.48 Years | 8,576 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





WY2018 Events

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

Hydrograph of peak WY 2018 flow event,

There were no runoff events in water year 2018.

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 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10											34	
11												
12												
13											16	
14											2	
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	52	0
MEAN	0	0	0	0	0	0	0	0	0	0	2	0
MAX	0	0	0	0	0	0	0	0	0	0	249	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	103	0

WTR YR 2018 TOTAL 52 MEAN 0 MAX 249 MIN 0 AC_FT 103

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.

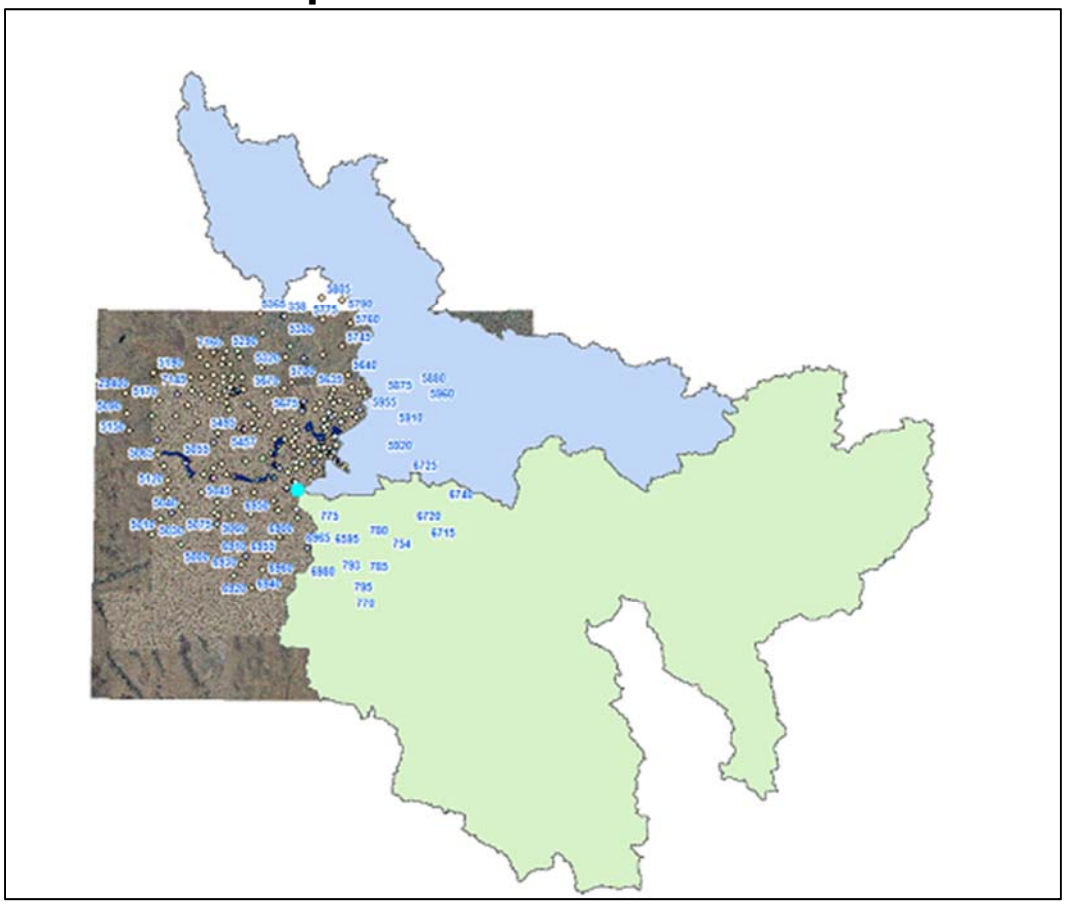
Gila River at 116th Avenue, ID #6848

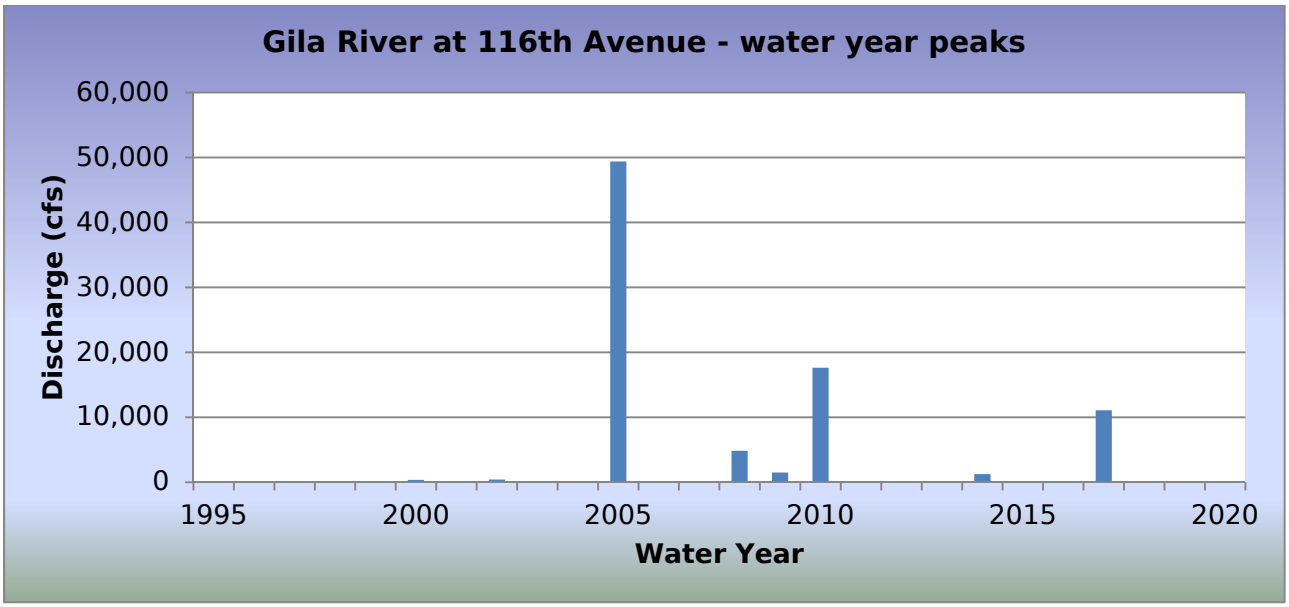


Site Data

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	929.74 feet NAVD88
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





WY2018 Events

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

Hydrograph of peak WY 2018 flow event,

There was no recorded runoff during Water Year 2018.

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 cub, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3											---	57
4			19								---	161
5			243								---	155
6			100									186
7			137									158
8			155									156
9			214									151
10			100									178
11			130									155
12			246									156
13			145									163
14			132									154
15		17	61									133
16			169									124
17			125							---		152
18			43					32				153
19			163					201				272
20			215									174
21			235									185
22			148									169
23			204									189
24			132									164
25			172									160
26			128									162
27			159									166
28			165									170
29					---							186
30					---					---		235
31		---			---		---		---			---
TOTAL	0	17	3740	0	0	0	0	233	0	0	0	4624
MEAN	0	1	121	0	0	0	0	8	0	0	0	154
MAX	0	292	314	0	0	0	0	400	0	0	0	301
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	34	7418	0	0	0	0	462	0	0	0	9172

WTR YR 2018 TOTAL 8614 MEAN 24 MAX 400 MIN 0 AC_FT 17086

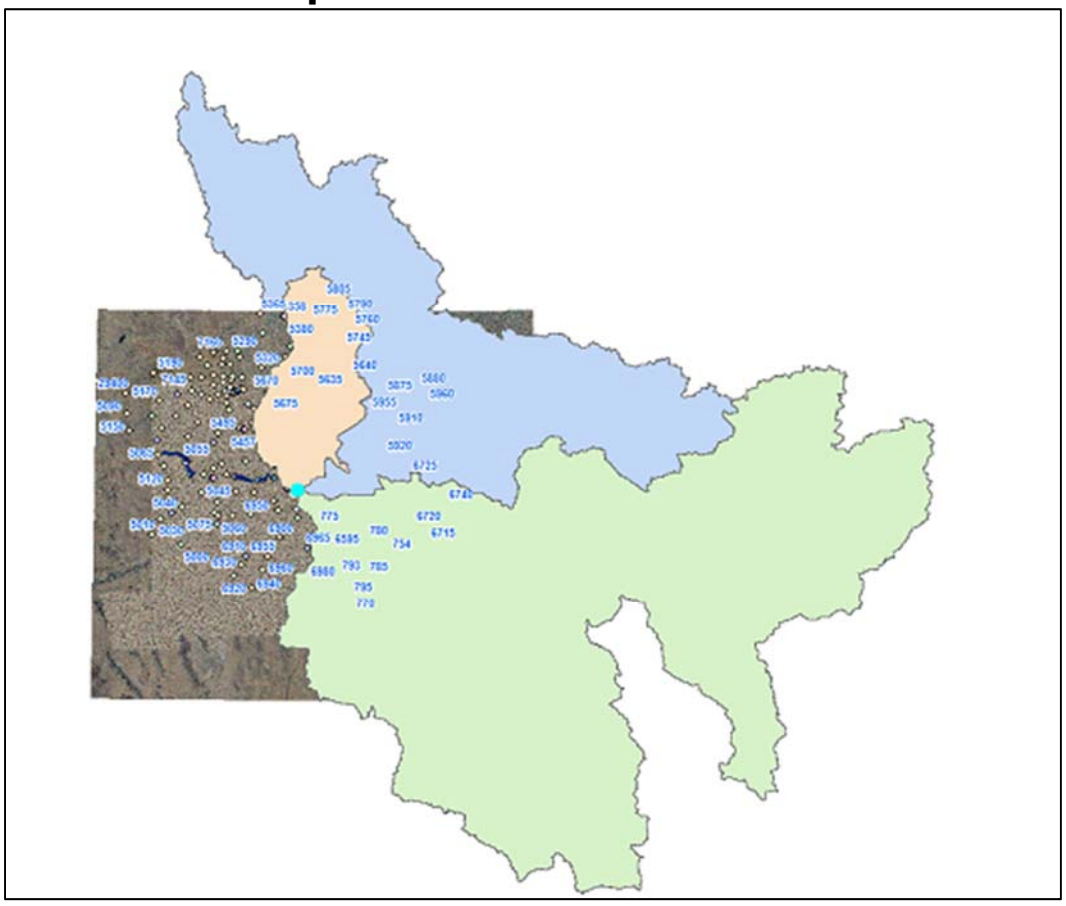
Gila River at Estrella Parkway, ID #6853

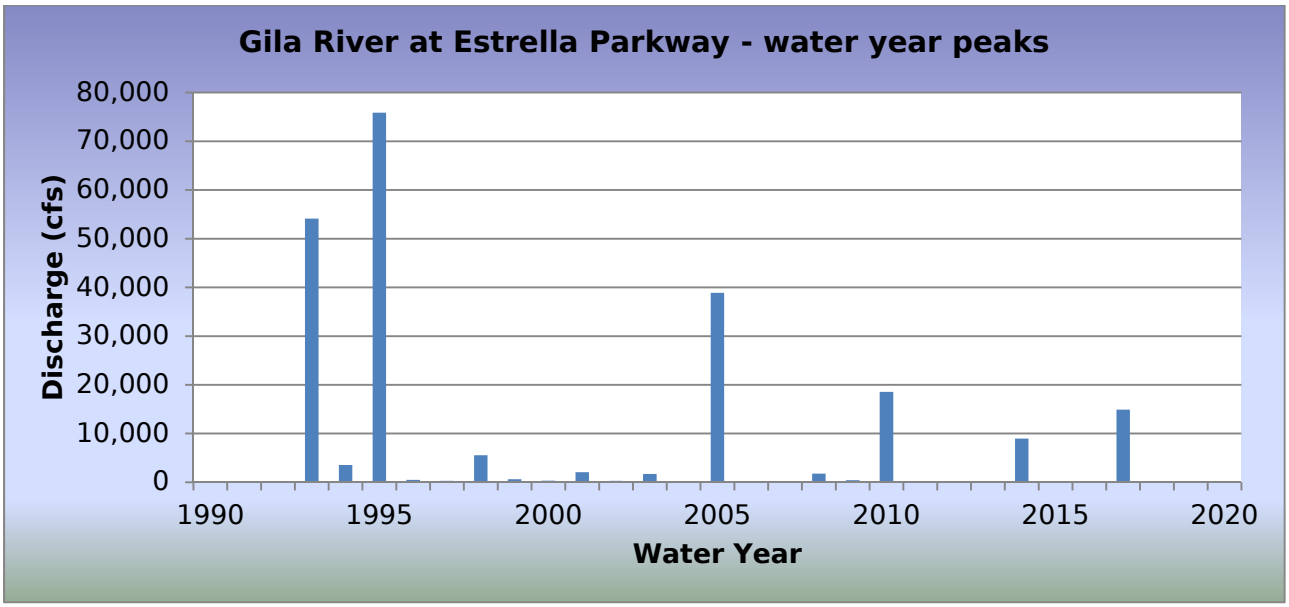


Site Data

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	25.83 Years | 9,434 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	885.59 feet NAVD88
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





WY2018 Events

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

Hydrograph of peak WY 2018 flow event,

No runoff recorded during Water Year 2018.

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 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21										---		
22										---		
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
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 2018 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

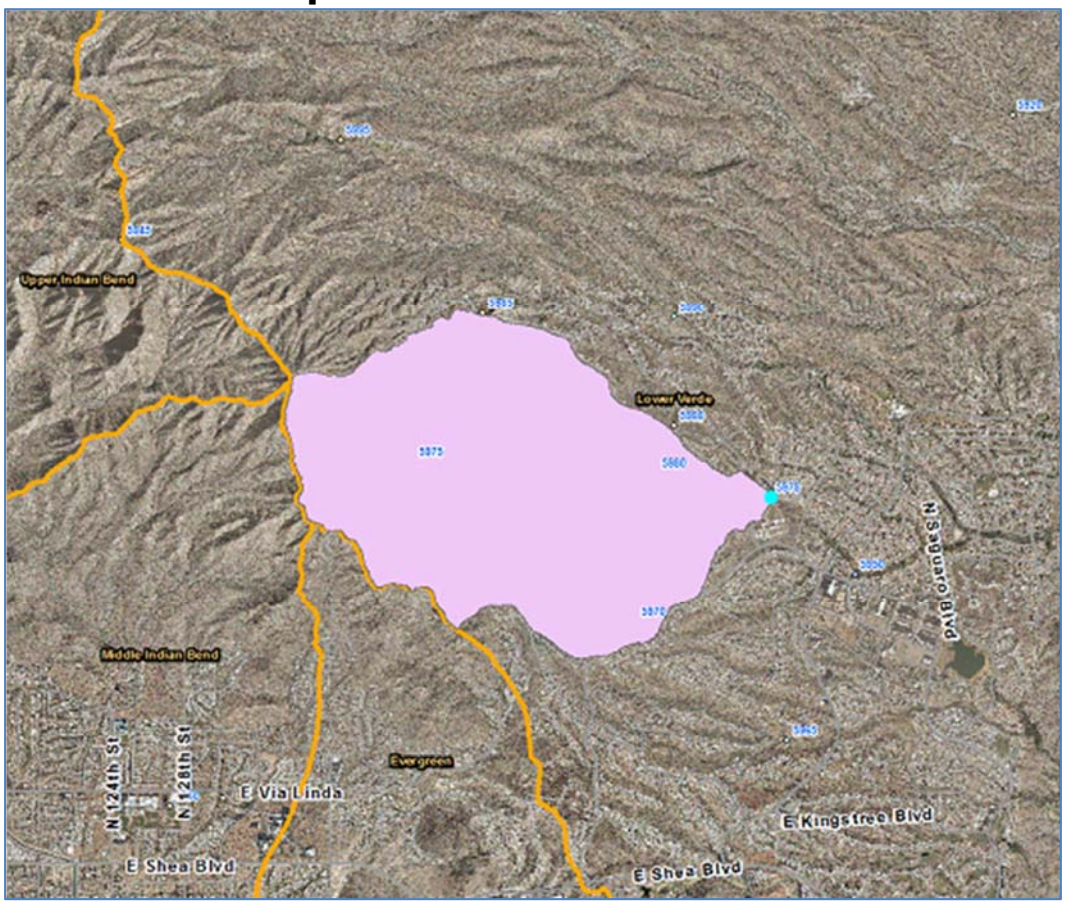
Golden Eagle Park Dam, ID #5978

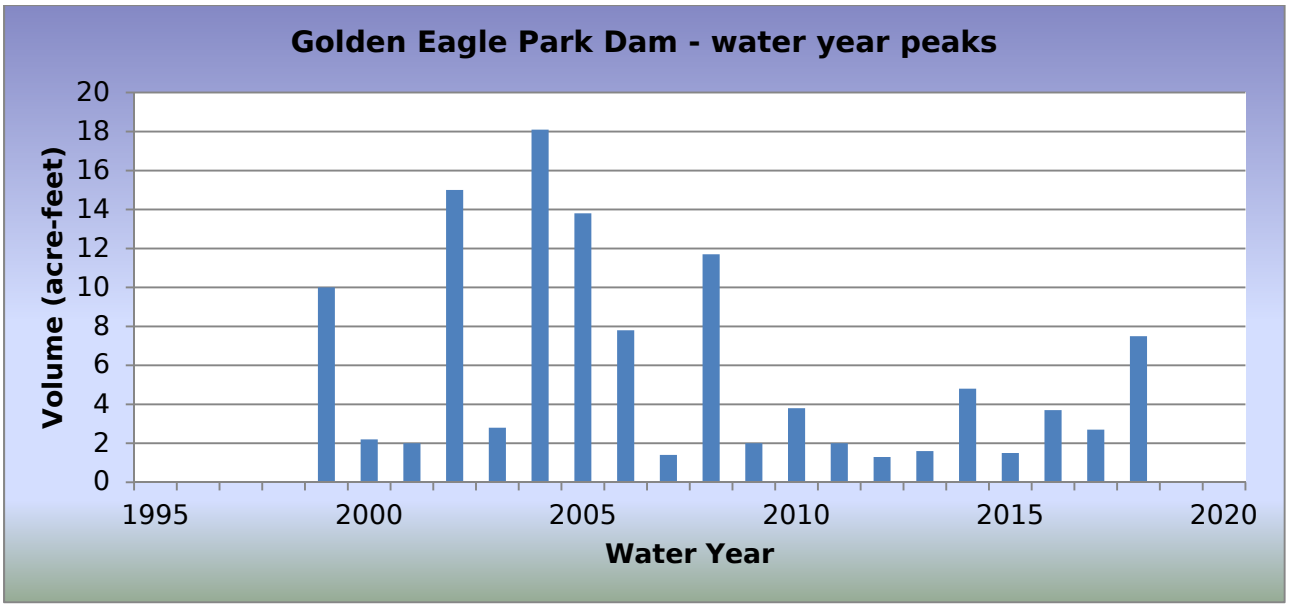


Site Data

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	21.80 Years | 7,963 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	1,696.75 feet NAVD88
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

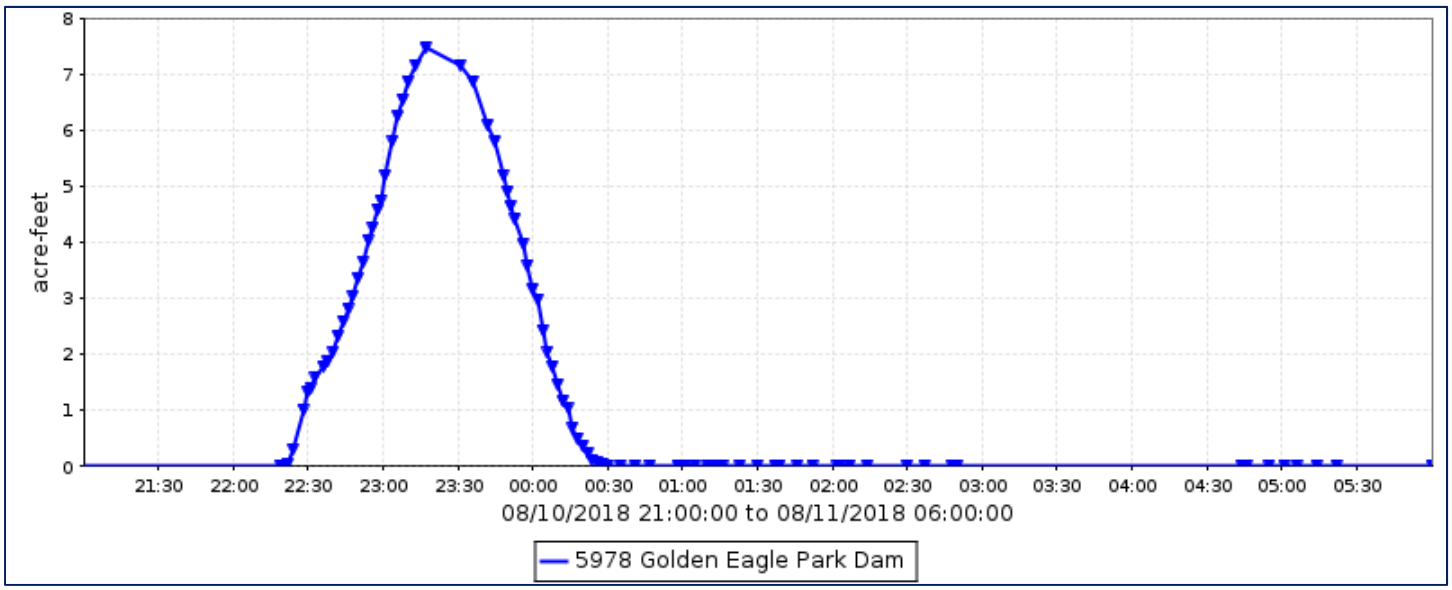




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
06/16/2018	5.49	0.1	0.2
07/09/2018	6.14	0.4	0.4
07/14/2018	4.67	0.0	0.0
08/08/2018	10.86	6.1	6.5
08/10/2018	11.32	7.5	8.3
08/12/2018	4.82	0.0	0.0
08/14/2018	4.06	0.0	0.0

Hydrograph of peak WY 2018 impoundment event, 08/10/2018



Golden Eagle Park Dam, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8											82	
9			---							28		
10			---								54	
11											41	
12											14	
13												
14										13	15	
15												
16									12			
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	0	0	0	0	0	12	41	206	0
MEAN	0	0	0	0	0	0	0	0	0	1	7	0
MAX	0	0	0	0	0	0	0	0	421	486	889	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	0	0	24	81	408	0

WTR YR 2018 TOTAL 259 MEAN 1 MAX 889 MIN 0 AC_FT 514

Golden Eagle Park Dam, volume data

Volume, in acre-feet, Water Year October 2017 to September 2018

Daily Mean Values

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

WTR YR 2018 MEAN 0 MAX 7 MIN 0

Golden Eagle Park Dam, stage data

Station Number: 5978 Name: Golden Eagle Park Da

Depth, in feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.7	2.7	2.7	2.7	2.7	2.7	2.7	3.0	3.0	3.0	3.0	3.0
2	2.7	2.7	2.7	2.7	2.7	2.7	2.7	3.0	3.0	3.0	3.0	3.0
3	2.7	2.7	2.7	2.7	2.7	2.7	2.7	3.0	3.0	3.0	3.0	3.0
4	2.7	2.7	2.7	2.7	2.7	2.7	2.7	3.0	3.0	3.0	3.0	3.0
5	2.7	2.7	2.7	2.7	2.7	2.7	2.7	3.0	3.0	3.0	3.0	3.0
6	2.7	2.7	2.7	2.7	2.7	2.7	2.7	3.0	3.0	3.0	3.0	3.0
7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	3.0	3.0	3.0	3.0	3.0
8	2.7	2.7	2.7	2.7	2.7	2.7	2.7	3.0	3.0	3.0	3.6	3.0
9	2.7	2.7	---	2.7	2.7	2.7	2.7	3.0	3.0	3.2	3.0	3.0
10	2.7	2.7	---	2.7	2.7	2.7	2.7	3.0	3.0	3.0	3.5	3.0
11	2.7	2.7	2.7	2.7	2.7	2.7	2.7	3.0	3.0	3.0	3.2	3.0
12	2.7	2.7	2.7	2.7	2.7	2.7	2.7	3.0	3.0	3.0	3.1	3.0
13	2.7	2.7	2.7	2.7	2.7	2.7	2.7	3.0	3.0	3.0	3.0	3.0
14	2.7	2.7	2.7	2.7	2.7	2.7	2.7	3.0	3.0	3.1	3.1	3.0
15	2.7	2.7	2.7	2.7	2.7	2.7	2.7	3.0	3.0	3.0	3.0	3.0
16	2.7	2.7	2.7	2.7	2.7	2.7	2.7	3.0	3.1	3.0	3.0	3.0
17	2.7	2.7	2.7	2.7	2.7	2.7	2.7	3.0	3.0	3.0	3.0	3.0
18	2.7	2.7	2.7	2.7	2.7	2.7	2.7	3.0	3.0	3.0	3.0	3.0
19	2.7	2.7	2.7	2.7	2.7	2.7	2.7	3.0	3.0	3.0	3.0	3.0
20	2.7	2.7	2.7	2.7	2.7	2.7	2.7	3.0	3.0	3.0	3.0	3.0
21	2.7	2.7	2.7	2.7	2.7	2.7	2.7	3.0	3.0	3.0	3.0	3.0
22	2.7	2.7	2.7	2.7	2.7	2.7	2.7	3.0	3.0	3.0	3.0	3.0
23	2.7	2.7	2.7	2.7	2.7	2.7	2.7	3.0	3.0	3.0	3.0	3.0
24	2.7	2.7	2.7	2.7	2.7	2.7	2.7	3.0	3.0	3.0	3.0	3.0
25	2.7	2.7	2.7	2.7	2.7	2.7	2.7	3.0	3.0	3.0	3.0	3.0
26	2.7	2.7	2.7	2.7	2.7	2.7	2.9	3.0	3.0	3.0	3.0	3.0
27	2.7	2.7	2.7	2.7	2.7	2.7	3.0	3.0	3.0	3.0	3.0	3.0
28	2.7	2.7	2.7	2.7	2.7	2.7	3.0	3.0	3.0	3.0	3.0	3.0
29	2.7	2.7	2.7	2.7	---	2.7	3.0	3.0	3.0	3.0	3.0	3.0
30	2.7	2.7	2.7	2.7	---	2.7	3.0	3.0	3.0	3.0	3.0	3.0
31	2.7	---	2.7	2.7	---	2.7	---	3.0	---	3.0	3.0	---
MEAN	2.7	2.7	2.7	2.7	2.7	2.7	2.8	3.0	3.1	3.1	3.1	3.0
MAX	2.7	2.7	2.7	2.7	2.7	2.7	3.0	3.0	5.5	6.1	11.3	3.0
MIN	2.7	2.7	2.7	2.7	2.7	2.7	2.7	3.0	3.0	3.0	3.0	3.0

WTR YR 2018 MEAN 2.85 MAX 11.32 MIN 2.70

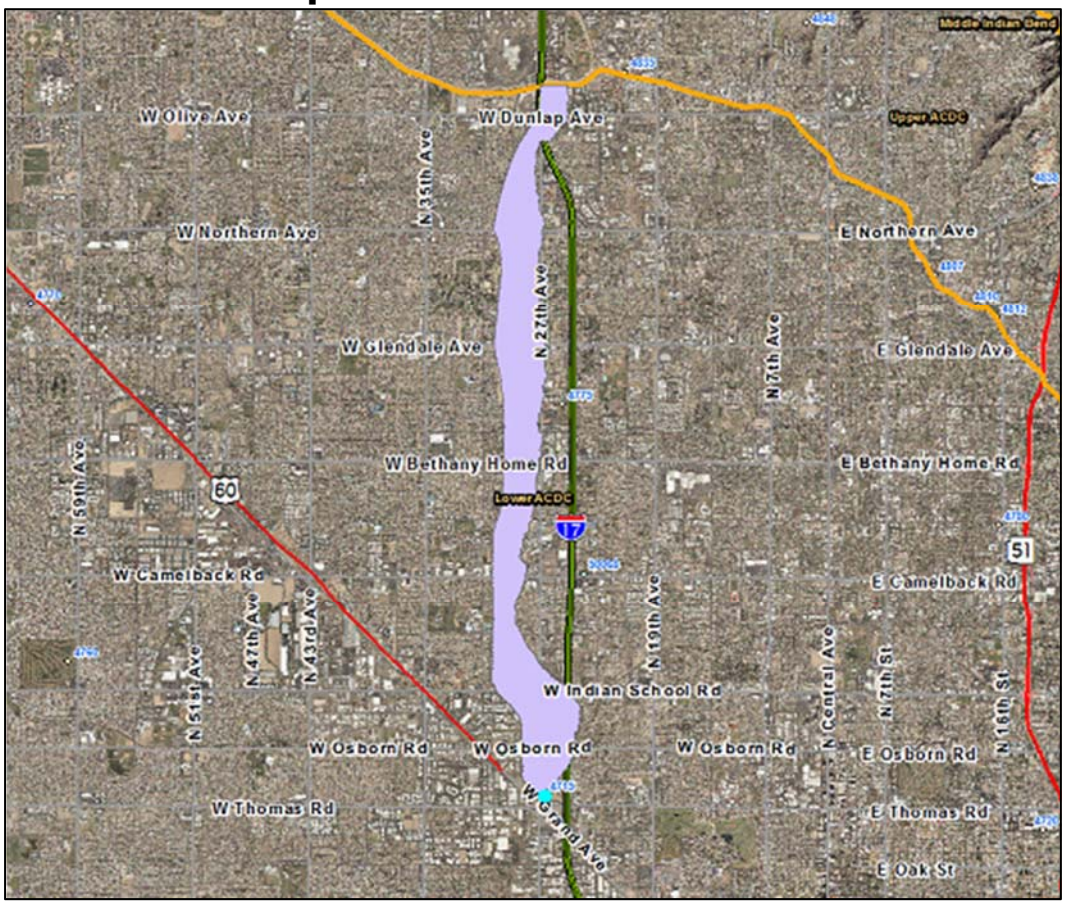
Grand Avenue at 27th Avenue Basin, ID #3807

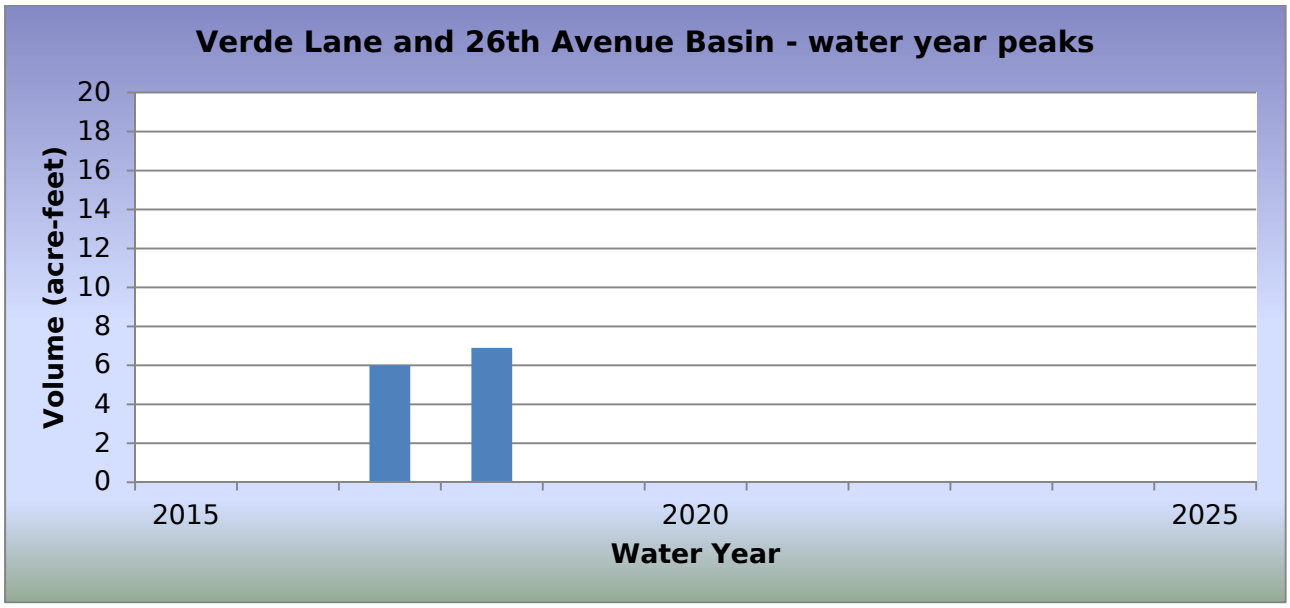


Site Data

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	2.99 Years | 1,091 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

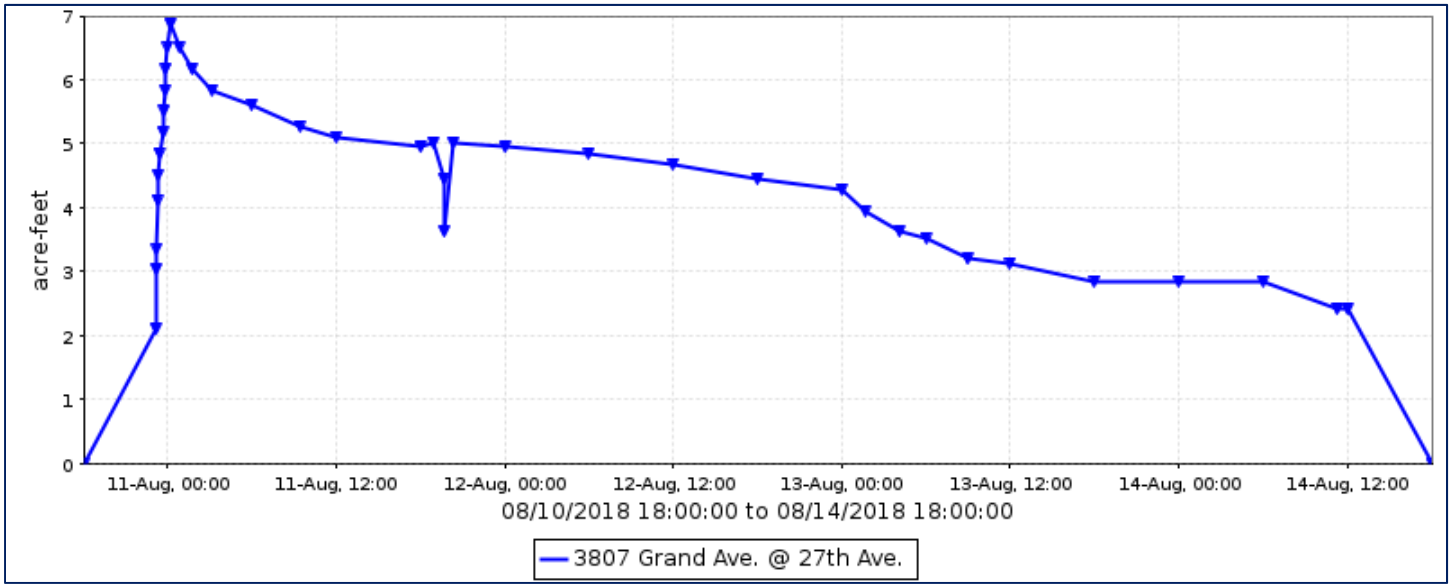




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
01/09/2018	1.78	5.5	14.7
07/09/2018	1.74	5.3	14.3
08/08/2018	1.34	4.0	10.9
08/11/2018	2.19	6.9	18.4
08/23/2018	1.77	5.4	14.6
09/19/2018	1.49	4.5	12.2

Hydrograph of peak WY 2018 impoundment event, 08/11/2018



Grand Avenue at 27th Avenue Basin, runoff data

Discharge, in cub, Water Year October 2017 to September 2018

Daily Mean Values

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

WTR YR 2018 TOTAL 37 MEAN 0 MAX 3 MIN 0 AC_FT 74

Grand Avenue at 27th Avenue Basin, volume data

Volume, in acre-feet, Water Year October 2017 to September 2018

Daily Mean Values

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

WTR YR 2018 MEAN 0 MAX 7 MIN 0

Grand Avenue at 27th Avenue Basin, stage data

Depth, in feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	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	0.6	0.5
9	0.5	0.5	0.5	0.6	0.5	0.5	0.5	0.5	0.5	0.8	0.6	0.5
10	0.5	0.5	0.5	1.3	0.5	0.5	0.5	0.5	0.5	1.4	0.5	0.5
11	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.3	1.8	0.5
12	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.4	1.6	0.5
13	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.2	1.1	0.5
14	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.1	0.8	0.5
15	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.9	0.5	0.5
16	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.8	0.5	0.5
17	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.8	0.5	0.5
18	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	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	0.8
20	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.9
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	0.8	0.5
24	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.7	0.5
25	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.5	0.5
26	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.1	0.5
27	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.5
28	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	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	0.6	0.7	0.5
MAX	0.5	0.5	0.5	1.8	0.5	0.5	0.5	0.5	0.5	1.7	2.2	1.5
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 2018 MEAN 0.49 MAX 2.19 MIN 0.45

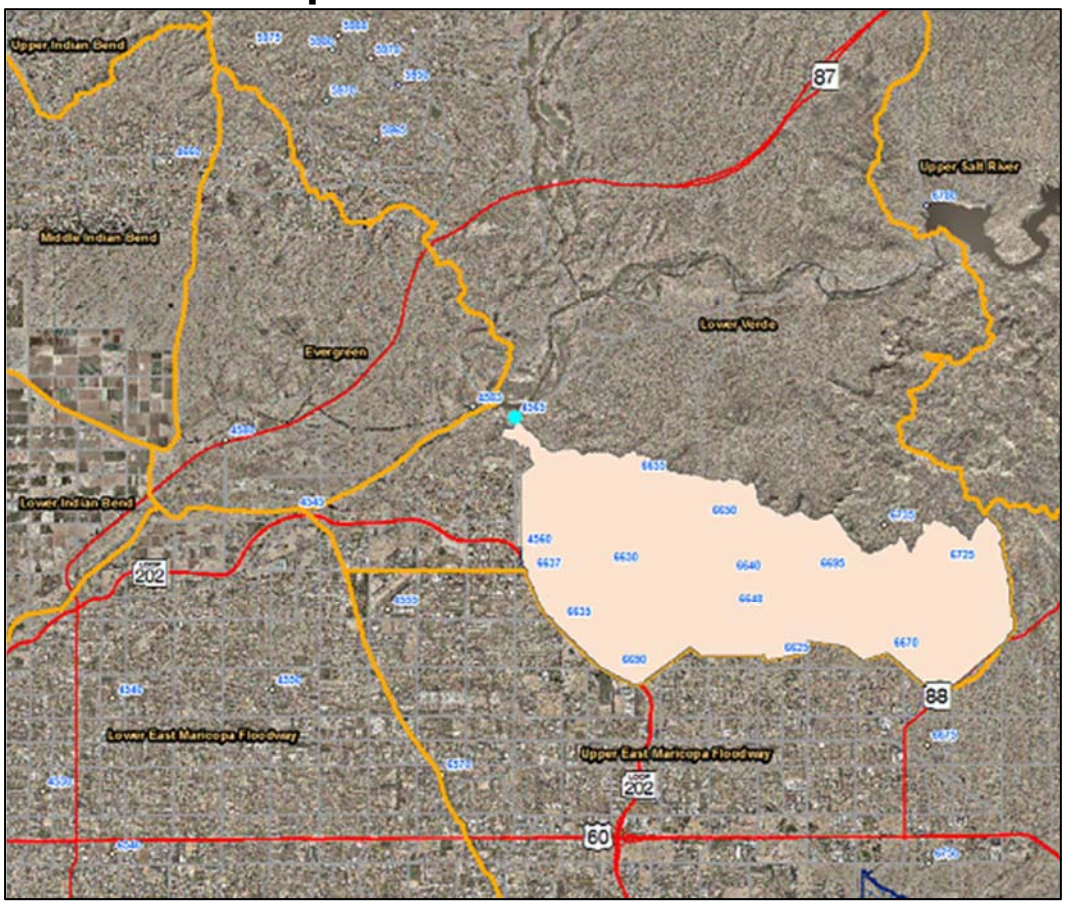
Granite Reef Diversion, ID #4568

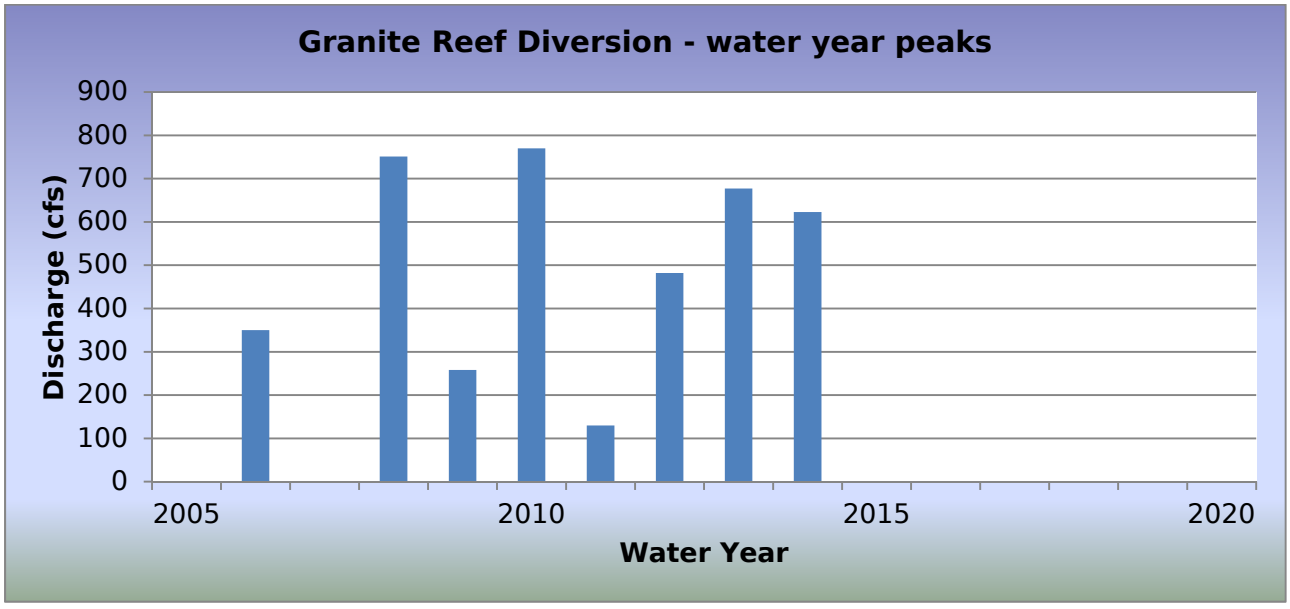


Site Data

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	13.20 Years | 4,820 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





WY2018 Events

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

Hydrograph of peak WY 2018 flow event,

There were no runoff events in water year 2018.

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 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9				---								
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23				---								
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
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 2018 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

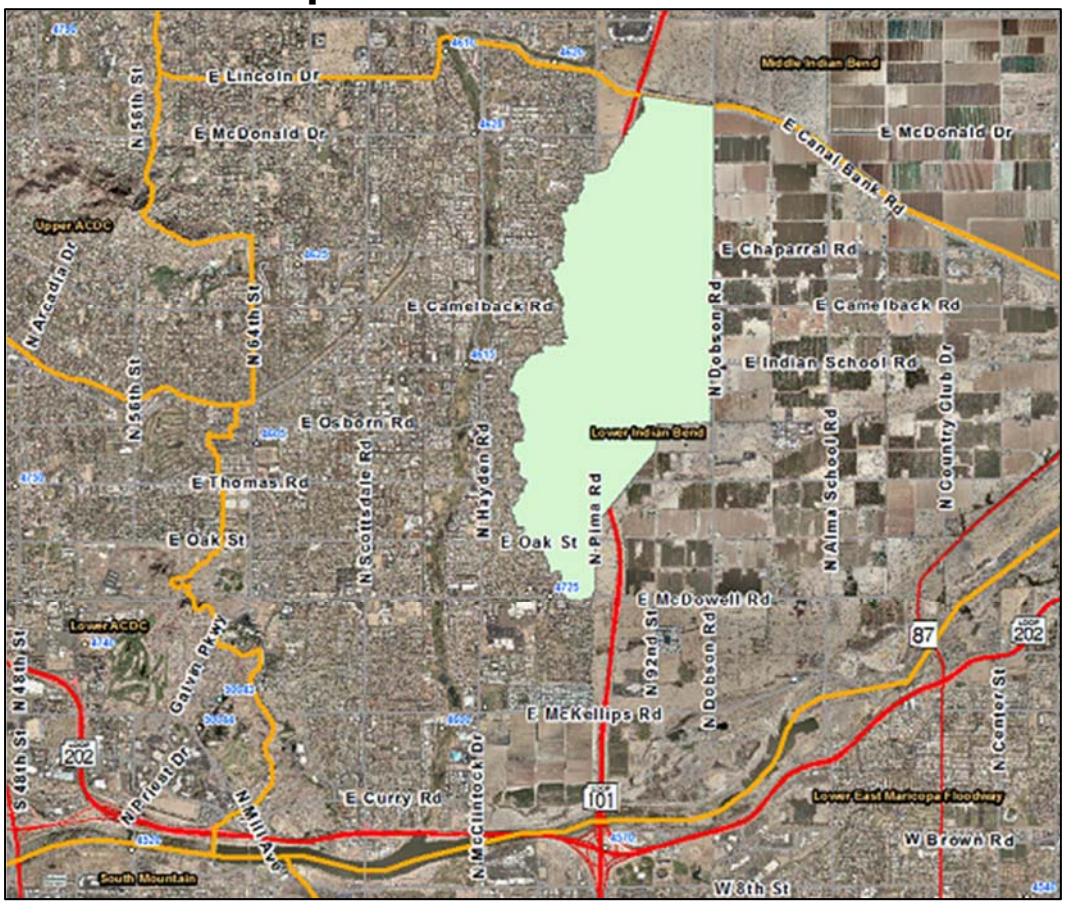
Granite Reef Wash, ID #4728

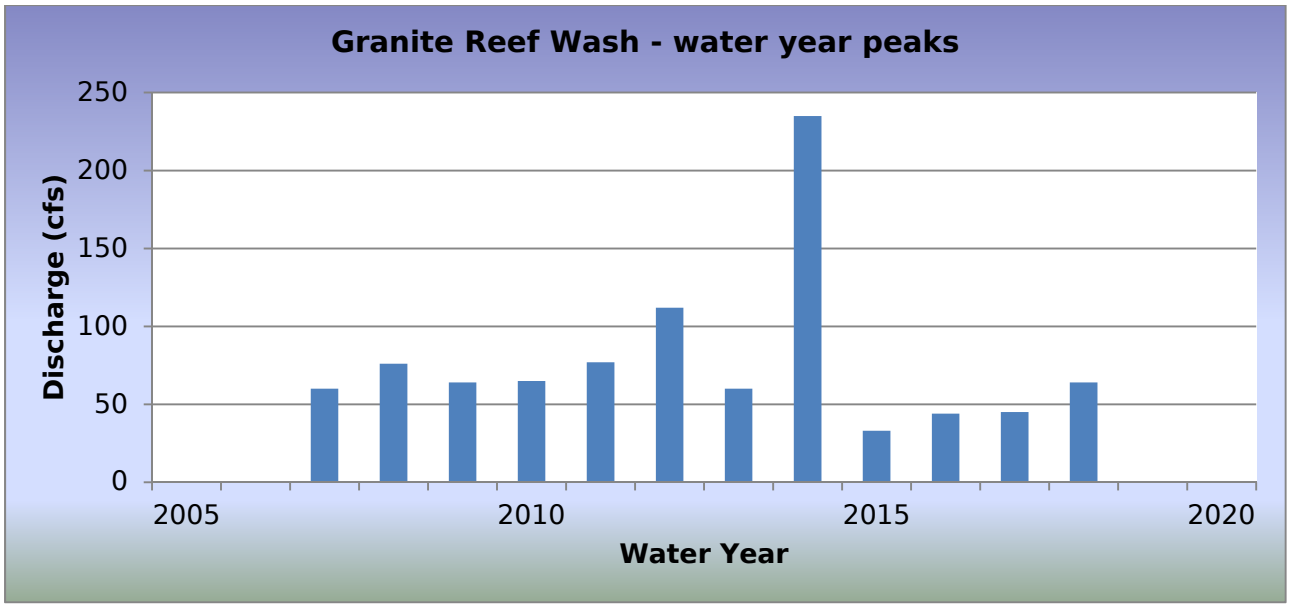


Site Data

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	11.27 Years | 4,115 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

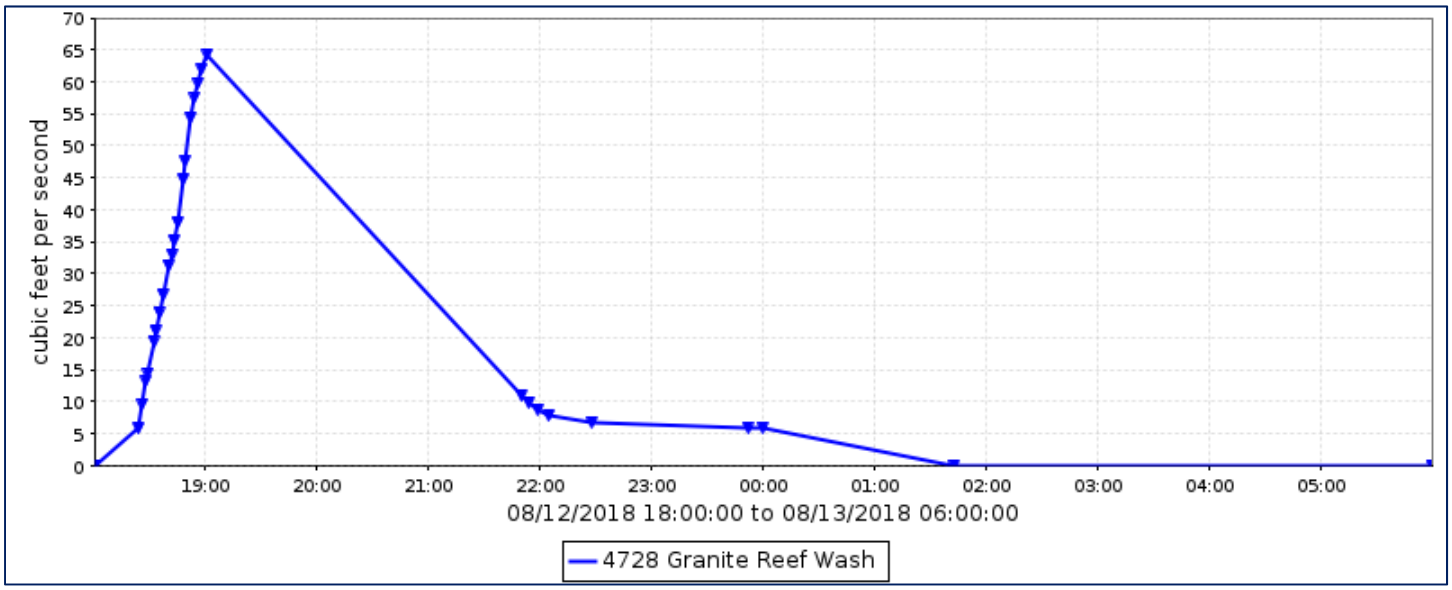




WY2018 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
01/09/2018	1.95	10
08/08/2018	2.67	17
08/10/2018	5.44	55
08/11/2018	2.97	20
08/12/2018	5.99	64
08/21/2018	2.72	17

Hydrograph of peak WY 2018 flow event, 08/12/2018



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	**101**	**131**	**164**	**212**	**253**

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

Granite Reef Wash, runoff data

Discharge, in cub, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8											2	
9				1								
10				1							6	
11											2	
12											9	
13												
14												
15												
16												
17												
18												
19												
20												
21											2	
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	1	0	0	0	0	0	0	22	0
MEAN	0	0	0	0	0	0	0	0	0	0	1	0
MAX	0	0	0	10	0	0	0	0	0	0	64	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	3	0	0	0	0	0	0	44	0

WTR YR 2018 TOTAL 24 MEAN 0 MAX 64 MIN 0 AC_FT 47

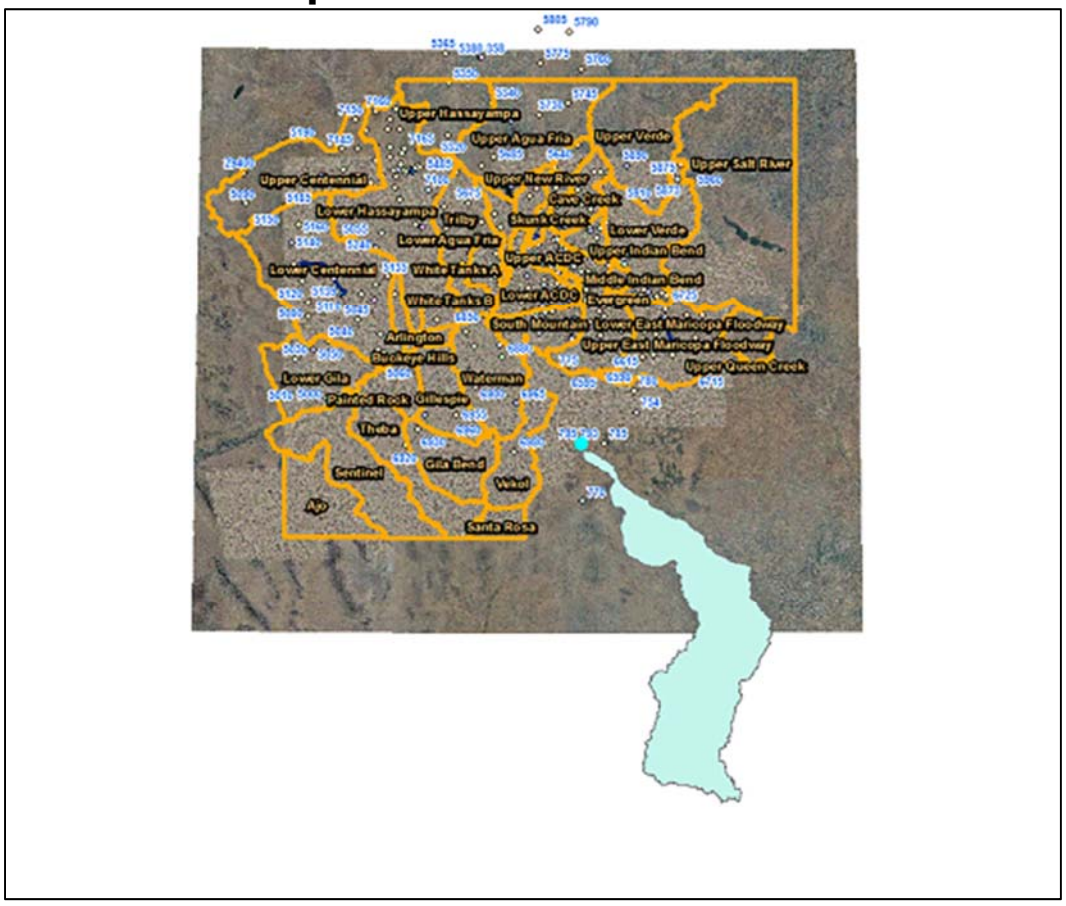
Greene Wash at SR84 – ID #0793

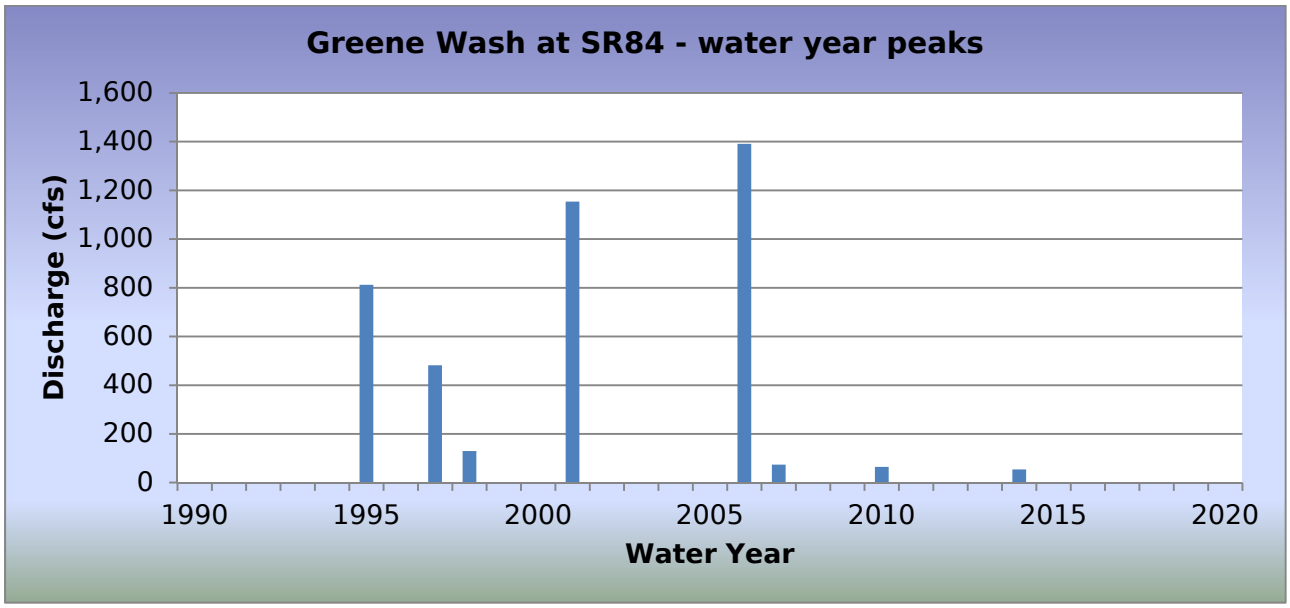


Site Data

LOCATION	On SR 84 between Stanfield and Casa Grande
DRAINAGE AREA	1,729 mi2
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	24.53 Years | 8,958 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





WY2018 Events

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

Hydrograph of peak WY 2018 flow event,

There were no runoff events in water year 2018.

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 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22			---									
23			---									
24			---									
25			---									
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
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 2018 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

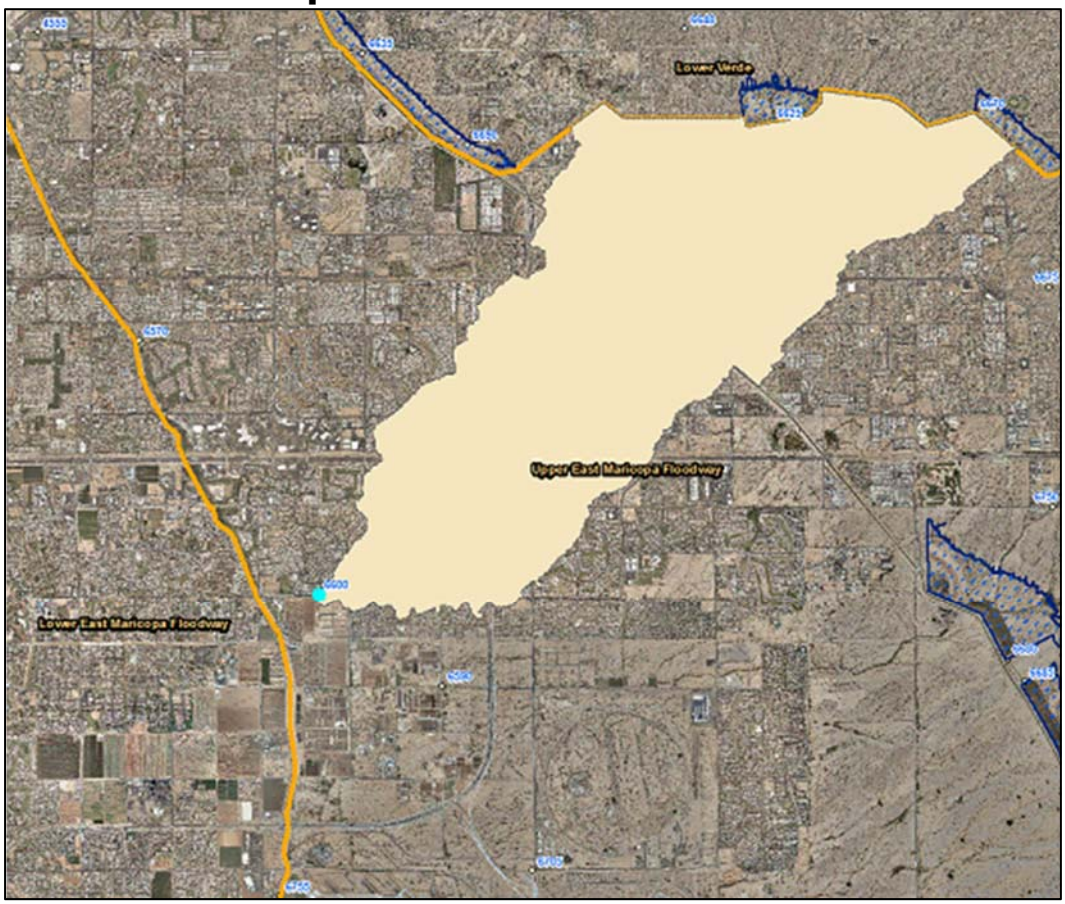
Guadalupe Road Channel, ID #6603

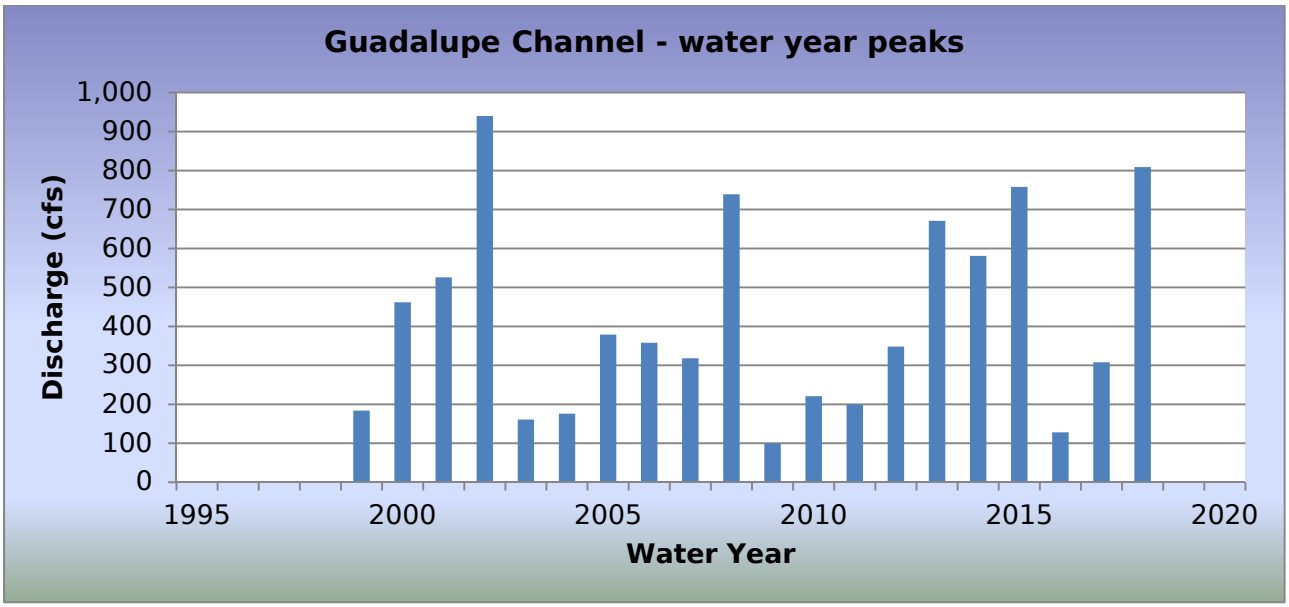


Site Data

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	20.15 Years | 7,360 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

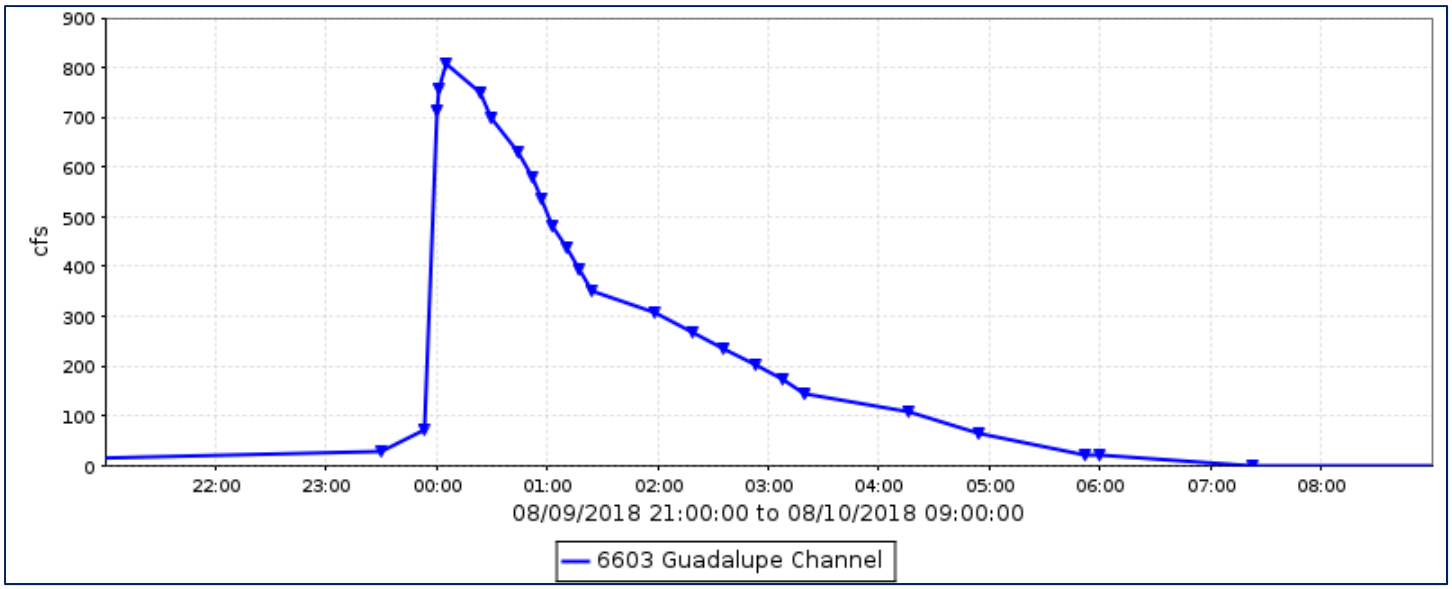




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
07/09/2018	0.99	158
08/10/2018	2.60	809
08/12/2018	0.88	125
08/25/2018	0.65	30

Hydrograph of peak WY 2018 flow event, 08/10/2018



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**
336	**587**	**778**	**976**	**1,250**	**1,470**

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

Guadalupe Road Channel, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9										12	1	
10											72	
11												
12											3	
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25											1	
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	0	0	1	0	0	0	12	77	0
MEAN	0	0	0	0	0	0	0	0	0	0	2	0
MAX	0	0	0	0	0	2	0	0	0	158	809	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	24	152	0

WTR YR 2018 TOTAL 90 MEAN 0 MAX 809 MIN 0 AC_FT 179

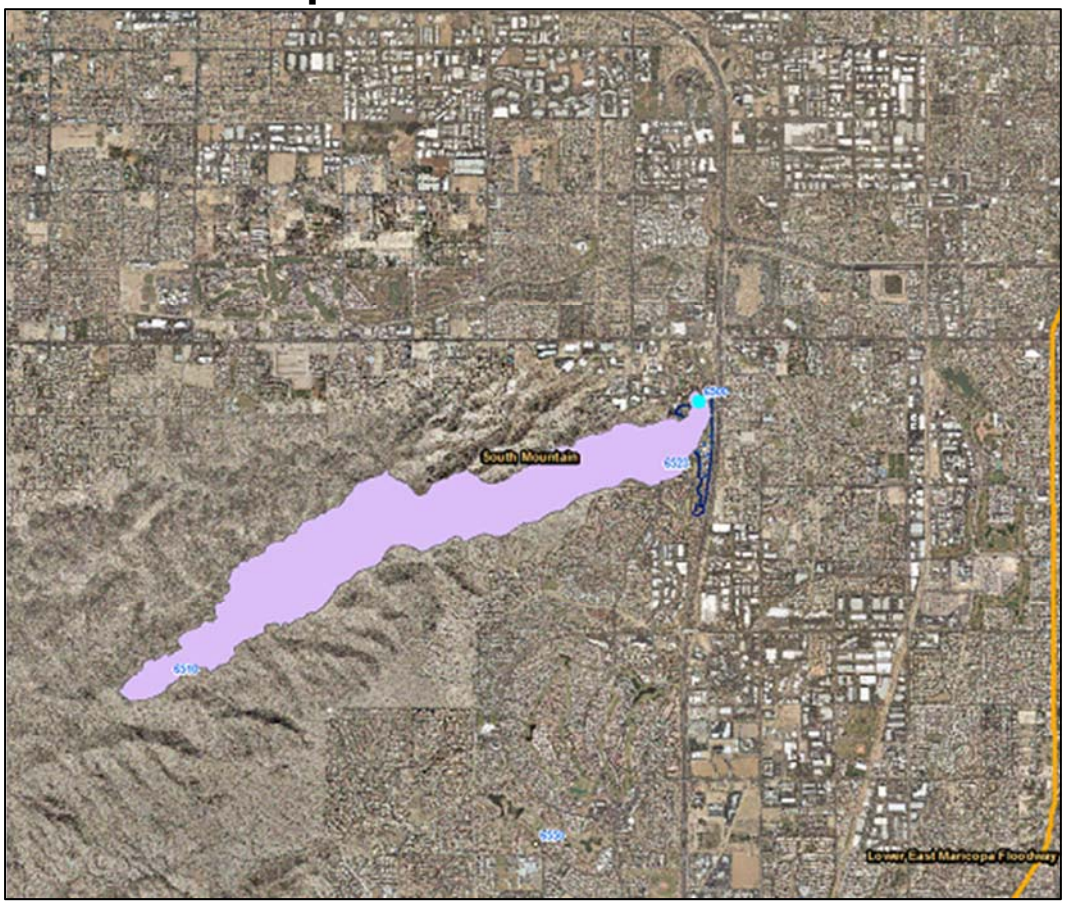
Guadalupe FRS, ID #6503

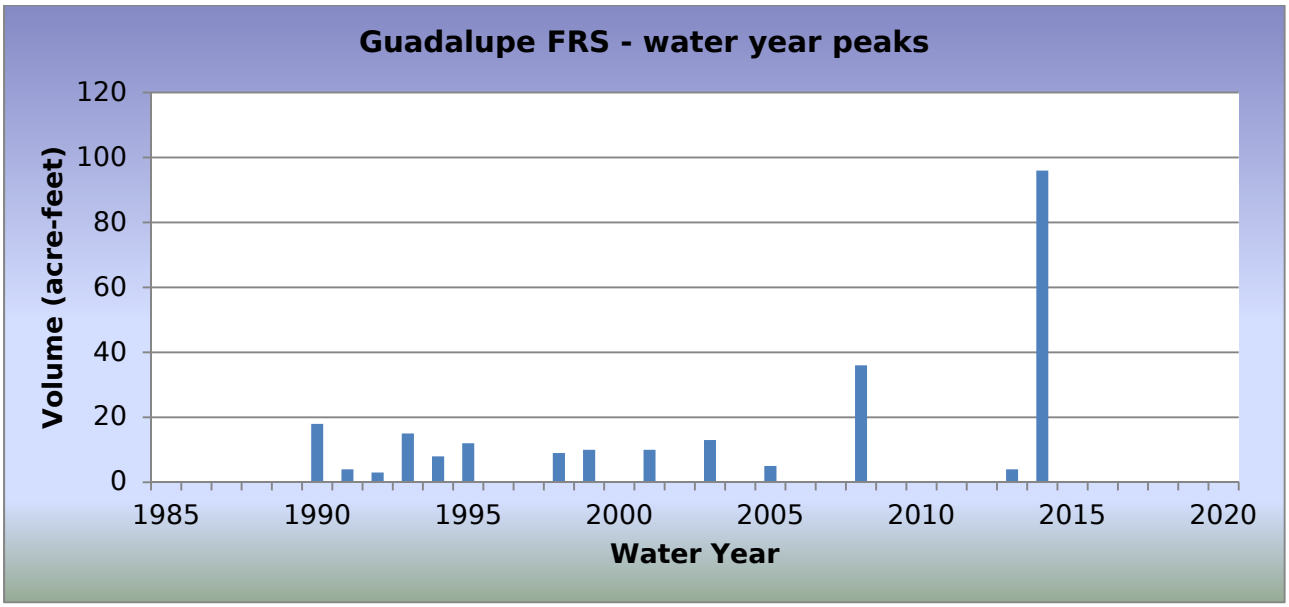


Site Data

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	29.26 Years | 10,686 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





WY2018 Events

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

Hydrograph of peak WY 2018 impoundment event

There were no recorded impoundments during Water Year 2018.

Guadalupe FRS, runoff data

Discharge, in cub, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
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10												
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13			---									
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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 2018 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

Guadalupe FRS, volume data

Volume, in acre-feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13			---									
14												
15												
16												
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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 2018 MEAN 0 MAX 0 MIN 0

Guadalupe FRS, stage data

Depth, in feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
5	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
6	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
7	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
8	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
9	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
10	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
11	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
12	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
13	0.3	0.3	---	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
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
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 2018 MEAN 0.26 MAX 0.31 MIN 0.26

Harquahala FRS, ID #5128

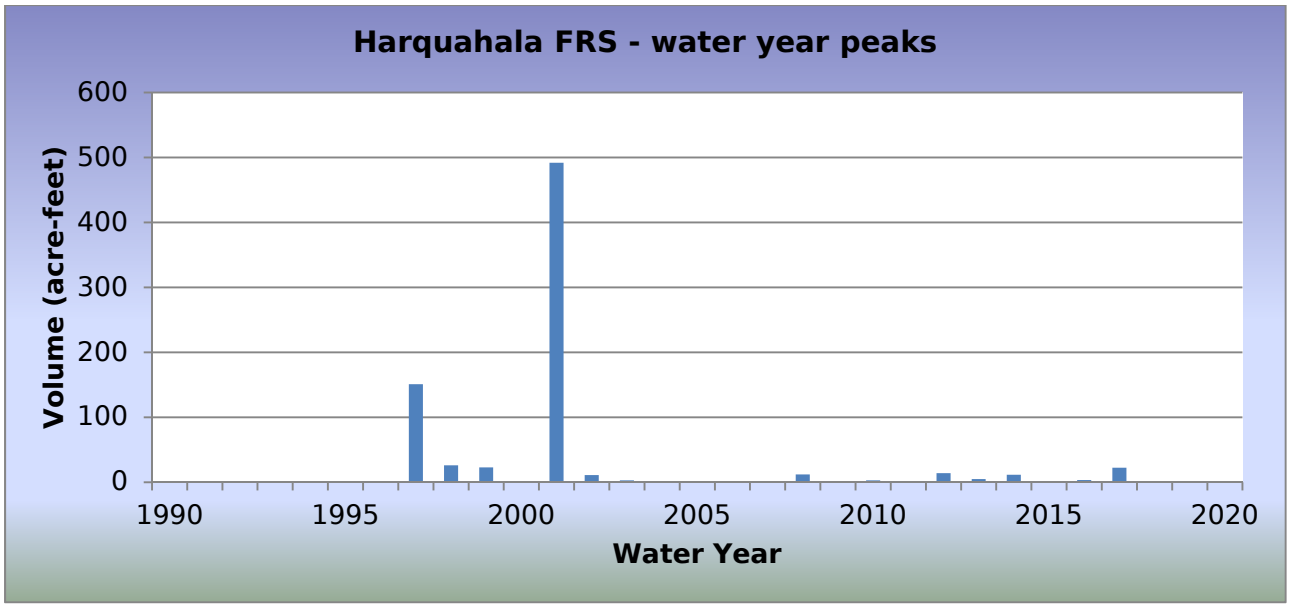


Site Data

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	24.59 Years | 8,980 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





WY2018 Events

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

Hydrograph of peak WY 2018 impoundment event,

No impoundments recorded during Water Year 2018.

Harquahala FRS, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
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 2018 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

Harquahala FRS, volume data

Volume, in acre feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	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 2018 MEAN 0 MAX 0 MIN 0

Harquahala FRS, stage data

Depth, in feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
2	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
6	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
7	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
8	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
9	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
10	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
11	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
12	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
13	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
14	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
15	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
16	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	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	0.4	0.4	0.4
29	0.4	0.4	0.4	0.4	---	0.4	0.4	0.4	0.4	0.4	0.4	0.4
30	0.4	0.4	0.4	0.4	---	0.4	0.4	0.4	0.4	0.4	0.4	0.4
31	0.4	---	0.4	0.4	---	0.4	---	0.4	---	0.4	0.4	---
MEAN	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
MAX	0.4	0.4	0.4	0.4	0.4	0.4	0.8	0.4	0.4	0.6	0.4	0.6
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 2018 MEAN 0.38 MAX 0.77 MIN 0.38

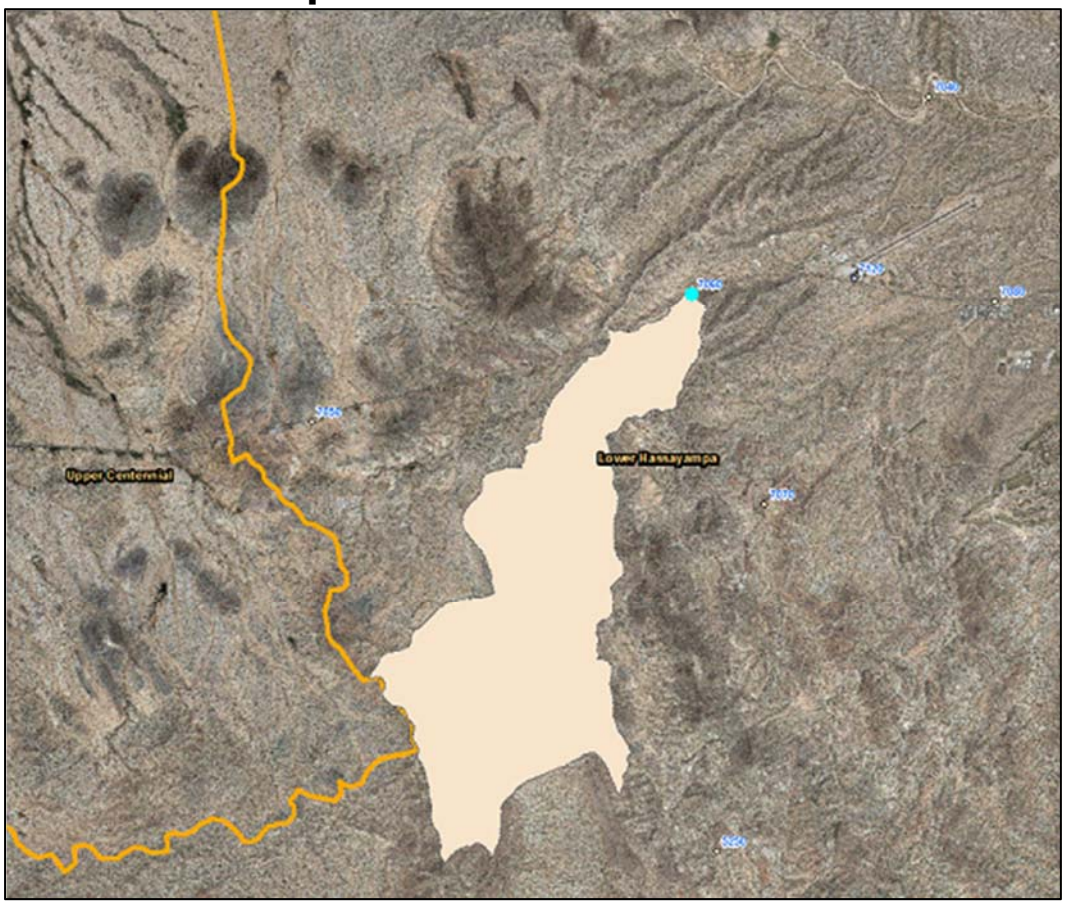
Hartman Wash, ID #7063

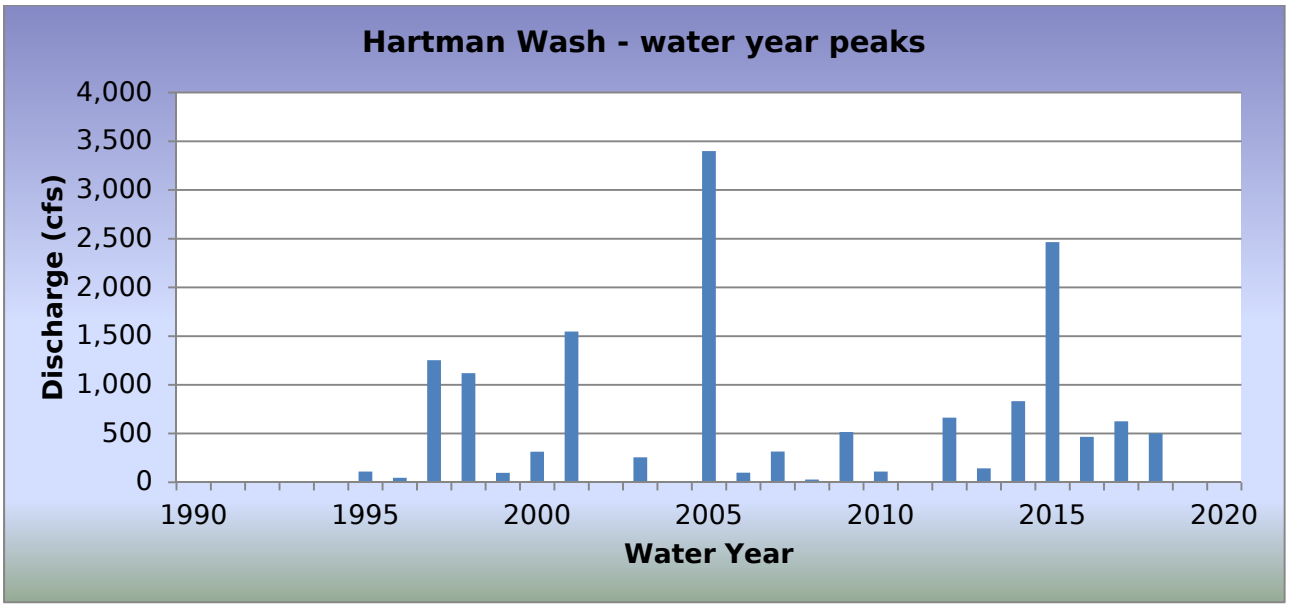


Site Data

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 RECOD	07/06/1994 - Current
LENGTH OF AVAILABLE POR DATA	24.24 Years | 8,853 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

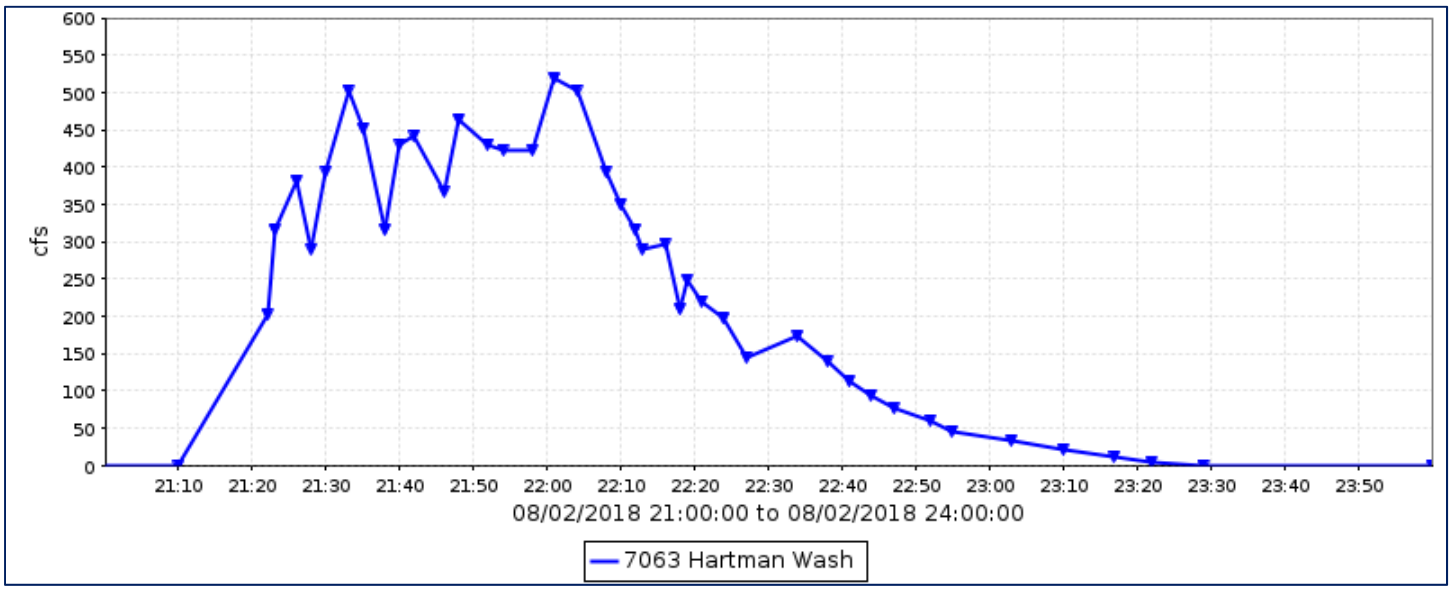




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
08/02/2018	2.31	503
08/23/2018	0.86	103

Hydrograph of peak WY 2018 flow event, 08/02/2018



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**
263	**1,070**	**2,010**	**3,220**	**5,210**	**6,970**

NOTE: These results are based on limited data.

Hartman Wash, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2											20	
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21								---				
22								---				
23											2	
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	0	0	0	0	0	0	0	22	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	518	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	43	0

WTR YR 2018 TOTAL 22 MEAN 0 MAX 518 MIN 0 AC_FT 43

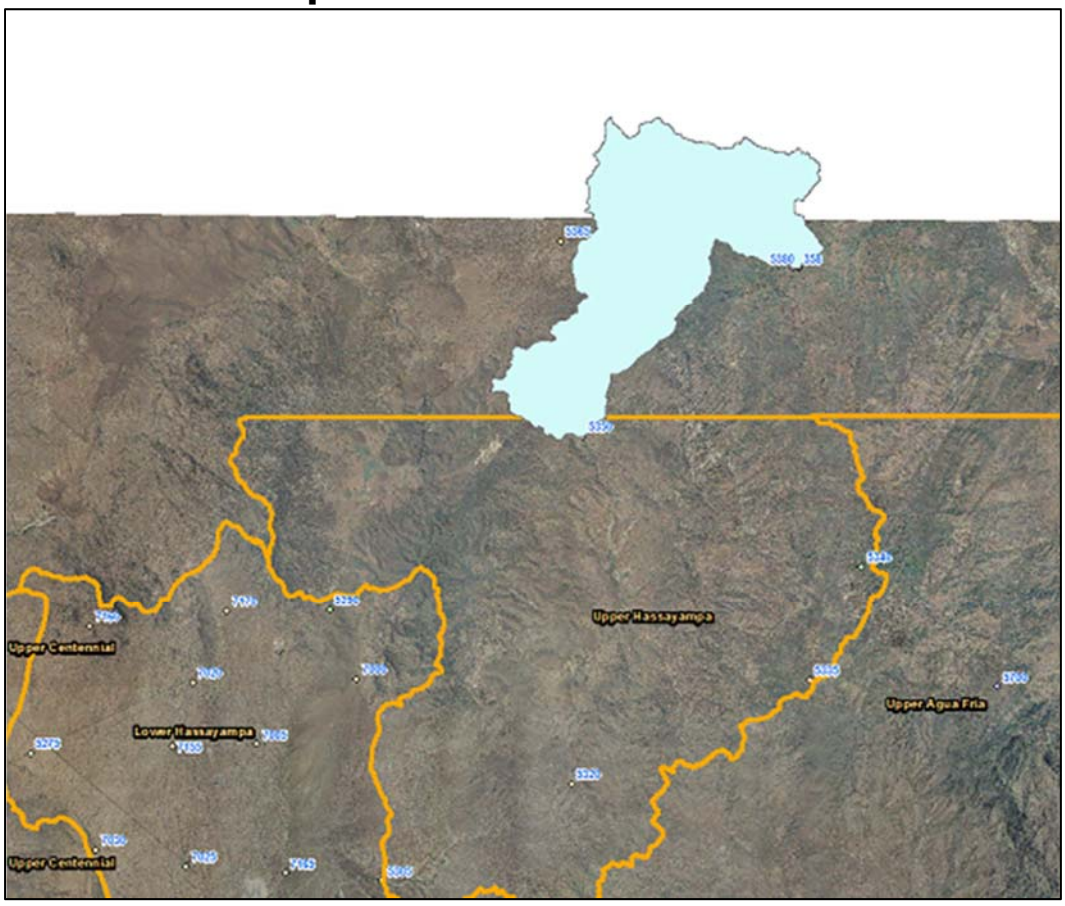
Hassayampa River at Wagoner, ID #5352

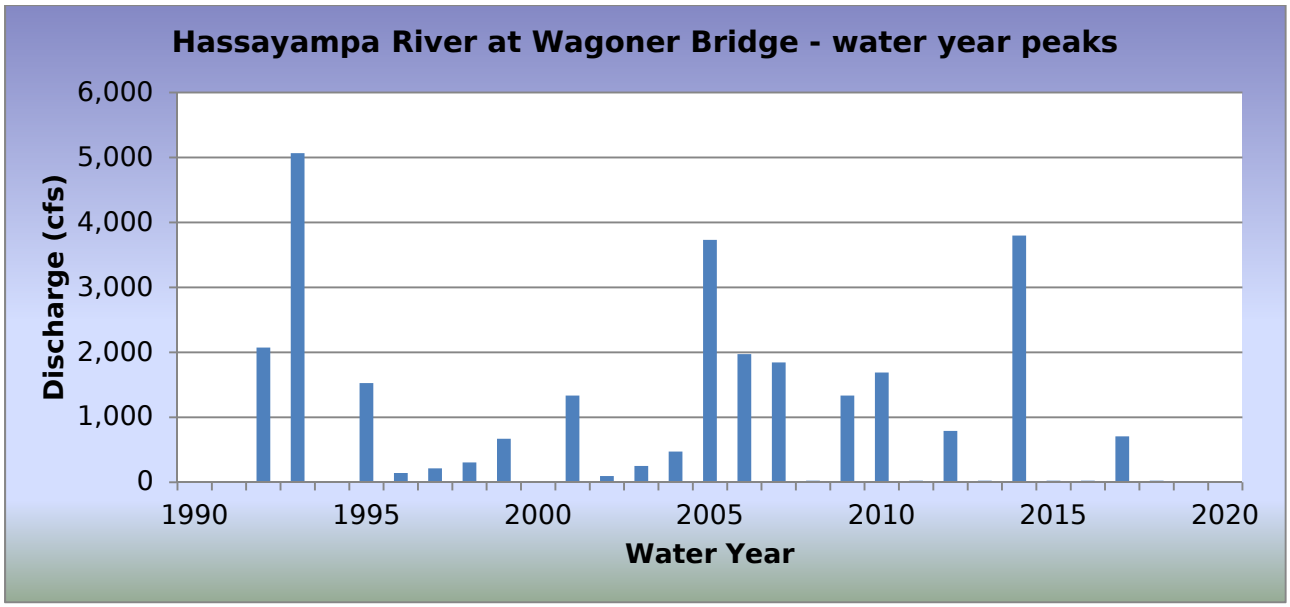


Site Data

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	26.84 Years | 9.805 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





WY2018 Events

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

Hydrograph of peak WY 2018 flow event,

No recorded runoff during Water Year 2018.

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**
373	**1,700**	**3,580**	**6,450**	**12,200**	**18,400**

NOTE: These results are based on limited data.

Hassayampa River at Wagoner, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
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 2018 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

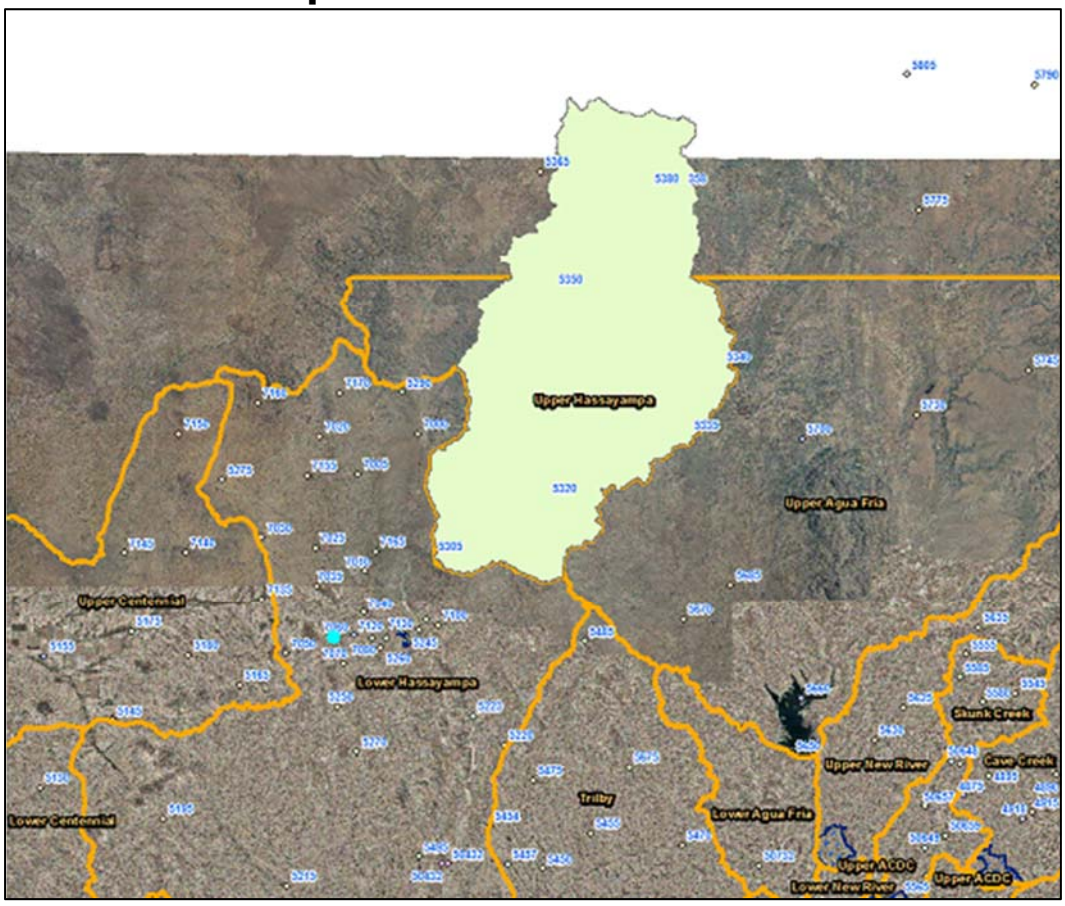
Hassayampa River at Box Canyon, ID #5308

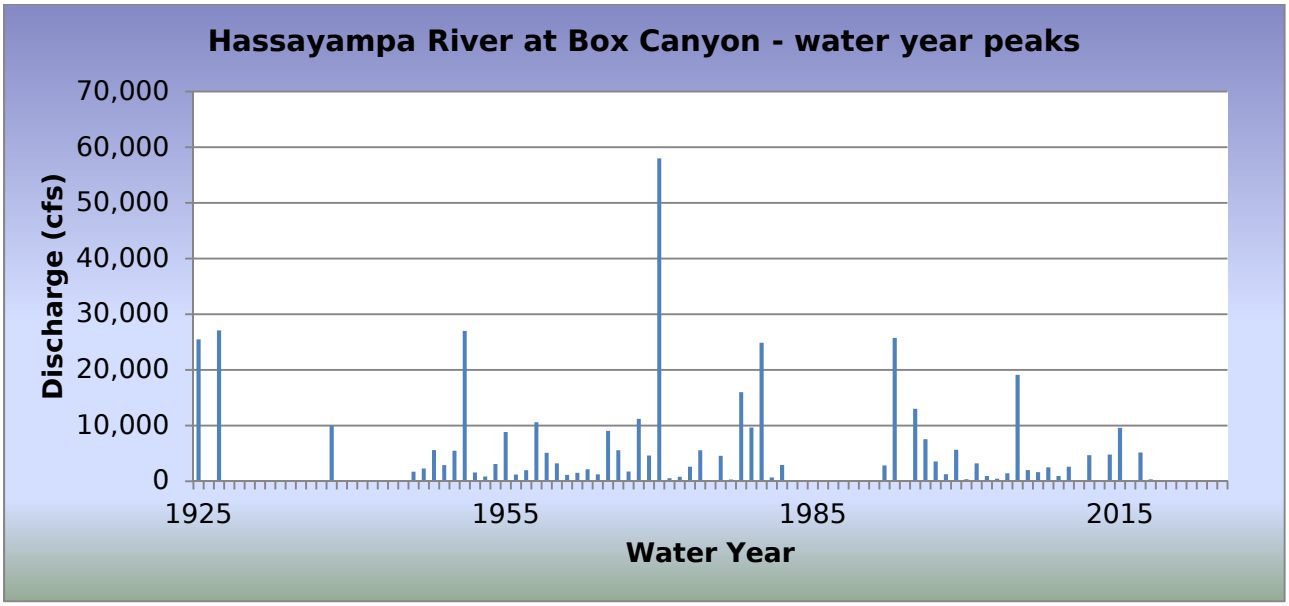


Site Data

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	26.96 Years | 9,847 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	2,238.01 feet NAVD88
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

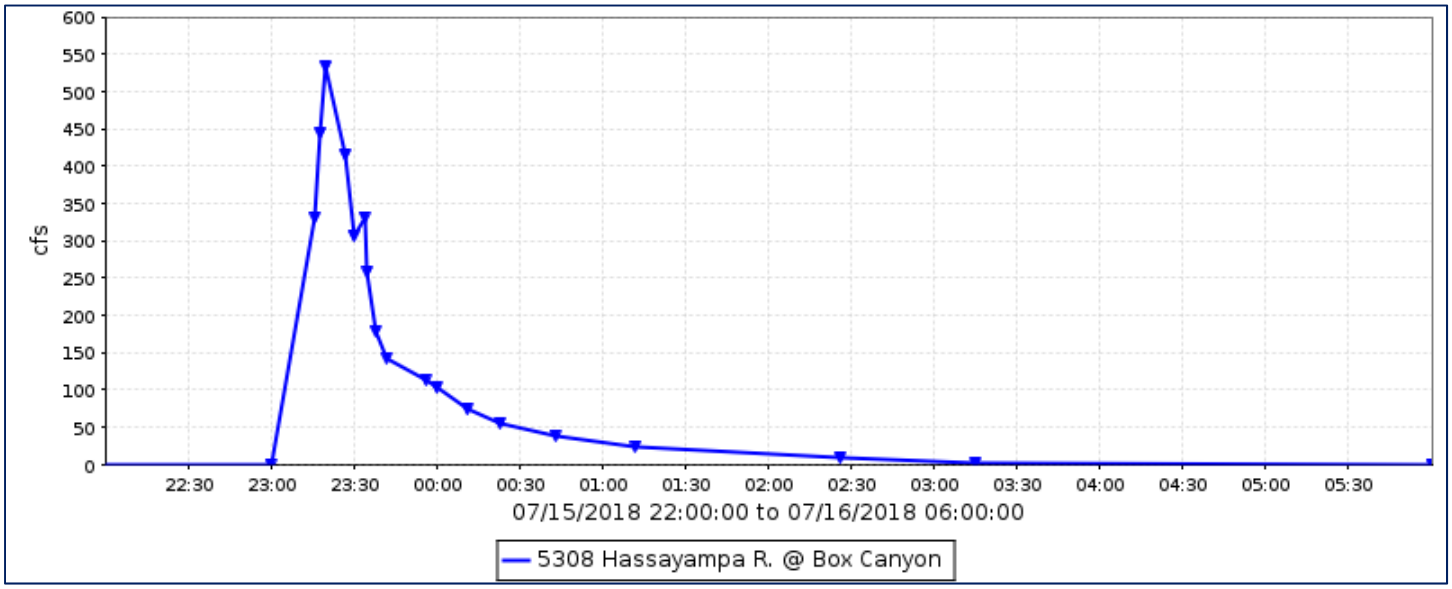




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
07/15/2018	4.47	331
08/25/2018	4.42	306

Hydrograph of peak WY 2018 flow event,



Flood Flow Frequency

Flood Flow Frequency N=68, HEC-WRC computation (based on 68 years of data)					
2-year	**5-year**	**10-year**	**20-year**	**50-year**	**100-year**
3,160	**10,000**	**17,700**	**27,800**	**45,200**	**61,900**

NOTE: These results are based on available data.

Hassayampa River at Box Canyon, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15										8		
16										5		
17												
18												
19												
20												
21												
22											1	
23										1	3	
24												
25											13	
26												
27												
28											1	
29					---					2		
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	0	0	0	0	0	0	16	19	0
MEAN	0	0	0	0	0	0	0	0	0	1	1	0
MAX	0	0	0	0	0	0	0	0	0	532	306	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	31	37	0

WTR YR 2018 TOTAL 34 MEAN 0 MAX 532 MIN 0 AC_FT 68

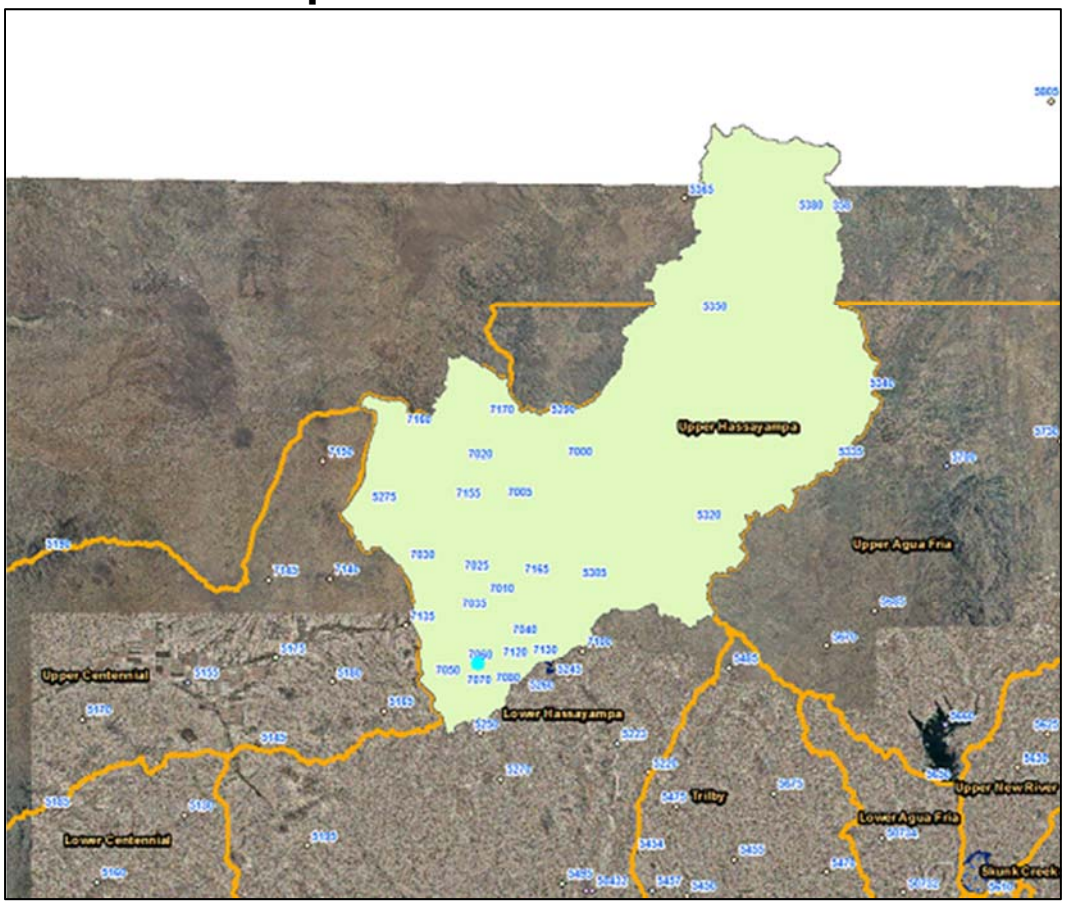
Hassayampa River at US60, ID #5228

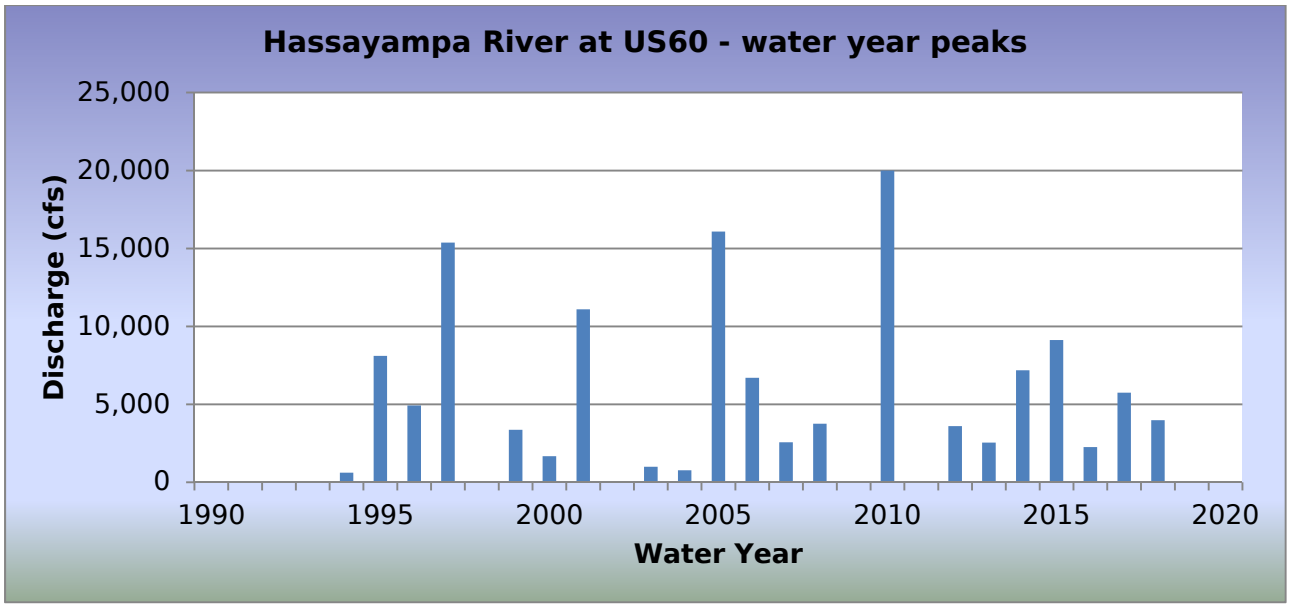


Site Data

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	24.55 Years | 8,967 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

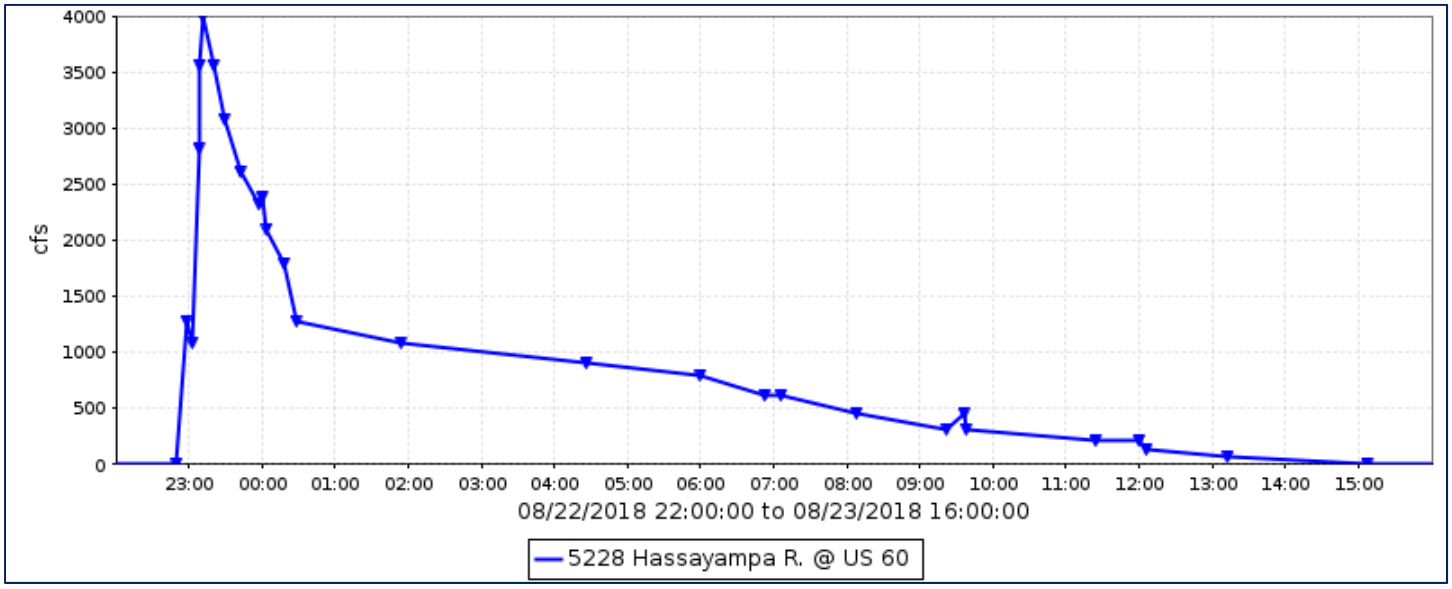




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
07/12/2018	1.47	935
07/16/2018	0.90	121
07/29/2018	1.40	792
08/15/2018	1.67	1,319
08/16/2018	1.45	893
08/17/2018	2.12	2,460
08/22/2018	2.54	3,986
08/25/2018	2.07	2,318

Hydrograph of peak WY 2018 flow event, 08/22/2018



Flood Flow Frequency

Flood Flow Frequency N=25, HEC-WRC computation (based on 25 years of data)					
2-year	**5-year**	**10-year**	**20-year**	**50-year**	**100-year**
2,960	**10,600**	**18,800**	**28,600**	**43,900**	**56,800**

NOTE: These results are based on very limited data.

Hassayampa River at US60, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12										56		
13												
14											23	
15											144	
16										2	129	
17											143	
18											60	
19												
20												
21												
22											122	
23											415	
24												
25											241	
26												
27												
28												
29					---					42		
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	0	0	0	0	0	0	100	1277	0
MEAN	0	0	0	0	0	0	0	0	0	3	41	0
MAX	0	0	0	0	0	0	0	0	0	935	3986	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	198	2533	0

WTR YR 2018 TOTAL 1377 MEAN 4 MAX 3986 MIN 0 AC_FT 2730

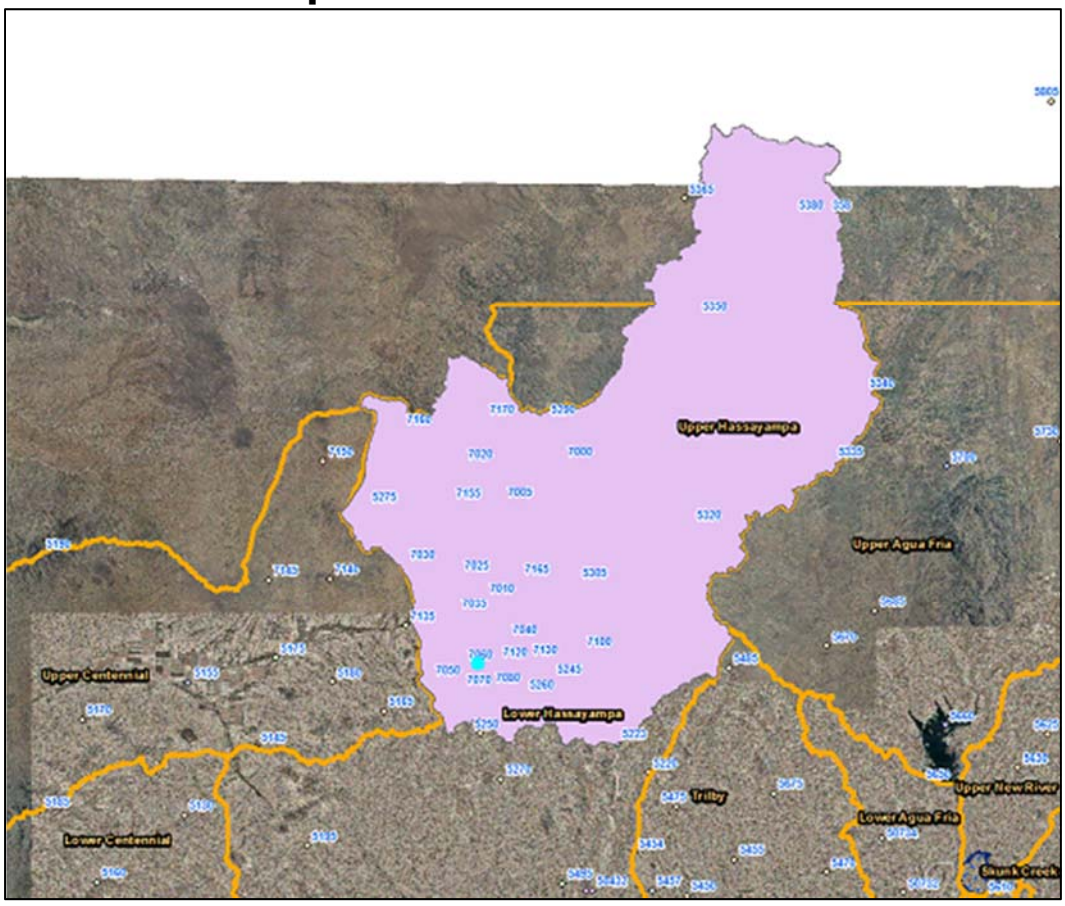
Hassayampa River near Morristown, ID #5223

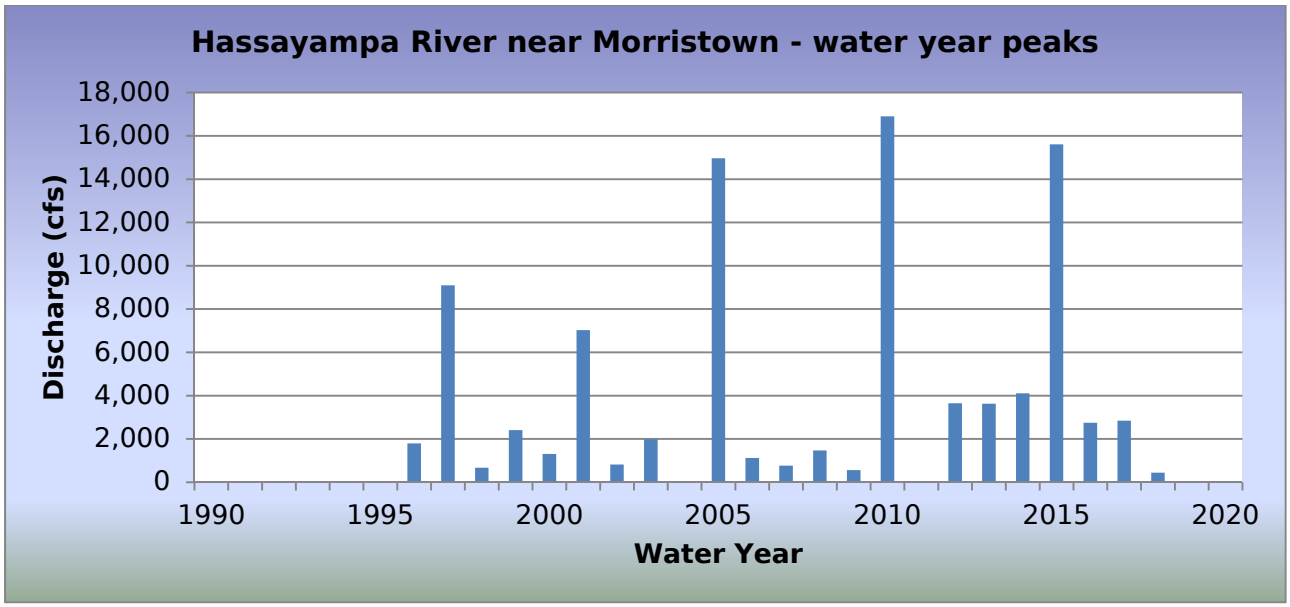


Site Data

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	22.40 Years | 8,182 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	1,832.62 feet NAVD88
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

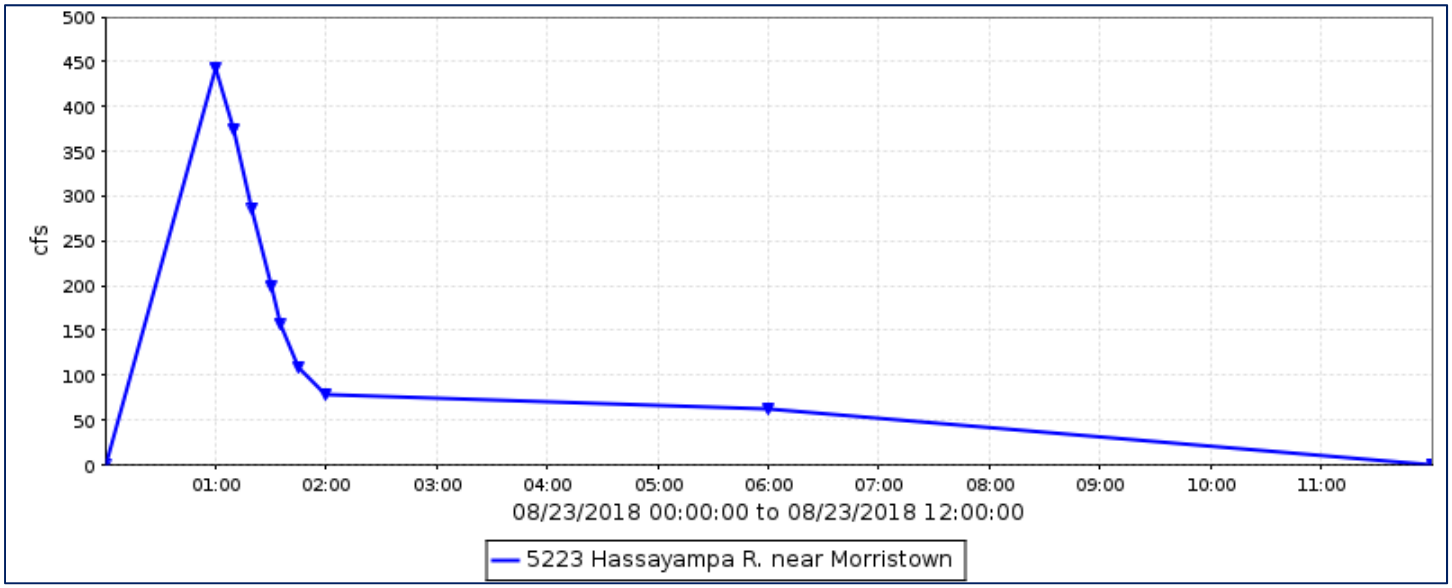




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
08/17/2018	7.75	125
08/23/2018	8.36	442
08/25/2018	8.08	272

Hydrograph of peak WY 2018 flow event, 08/23/2018



Flood Flow Frequency

Flood Flow Frequency N=65, HEC-WRC computation (based on 65 years of data)					
2-year	**5-year**	**10-year**	**20-year**	**50-year**	**100-year**
2,970	**9,370**	**15,200**	**21,600**	**30,200**	**36,700**

NOTE: These results are based on available data.

Hassayampa River near Morristown, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16			---									
17			---								13	
18			---					3				
19								61				
20												
21												
22												
23											39	
24												
25											24	
26											44	
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	0	0	0	0	64	0	0	120	0
MEAN	0	0	0	0	0	0	0	2	0	0	4	0
MAX	0	0	0	0	0	0	0	1037	0	0	442	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	0	128	0	0	237	0

WTR YR 2018 TOTAL 184 MEAN 1 MAX 1037 MIN 0 AC_FT 365

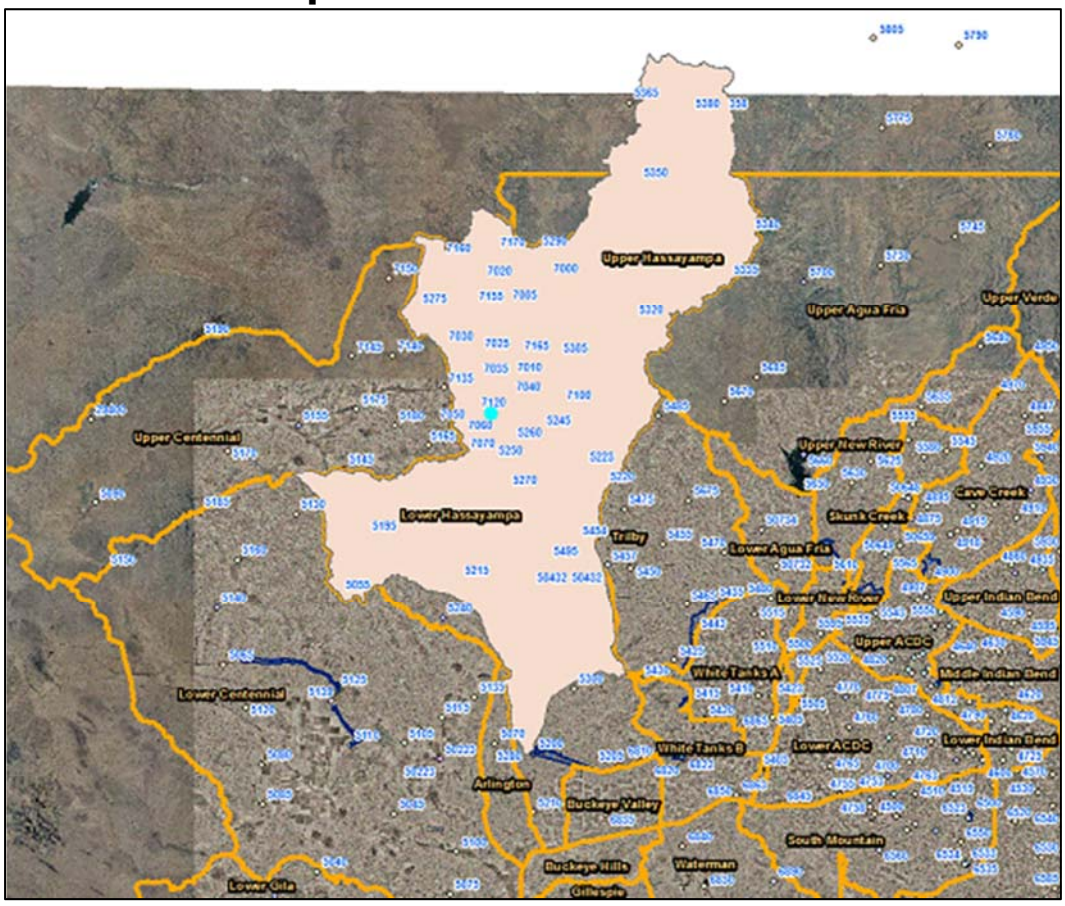
Hassayampa River at I-10, ID #5283

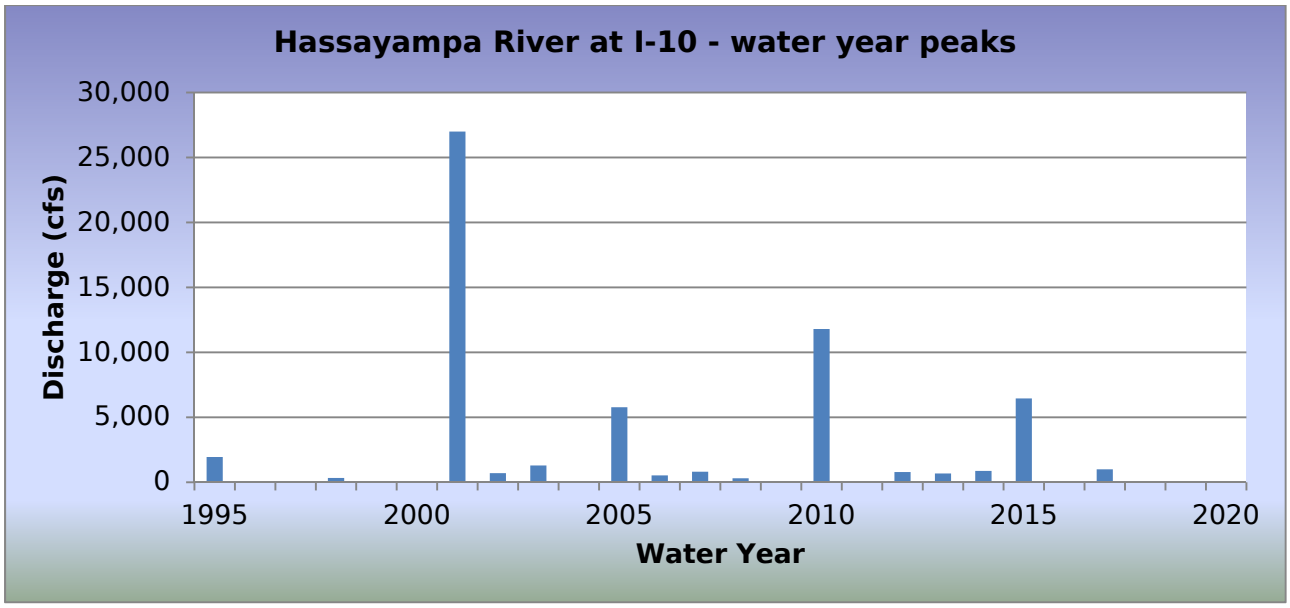


Site Data

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	23.89 Years | 8,727 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





WY2018 Events

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

Hydrograph of peak WY 2018 flow event,

No runoff events recorded in Water Year 2018.

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**
838	**3,840**	**8,020**	**14,300**	**26,700**	**39,600**

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 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
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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 2018 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

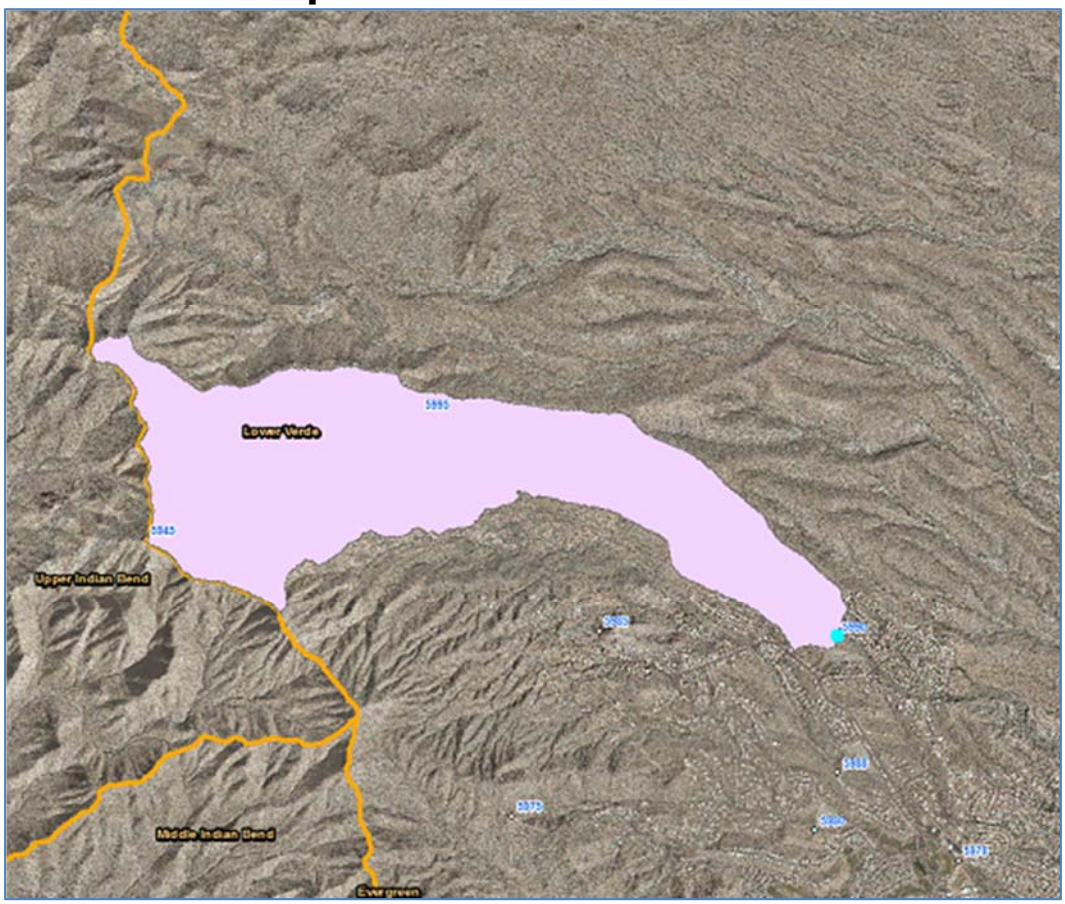
Hesperus Dam, ID #5993

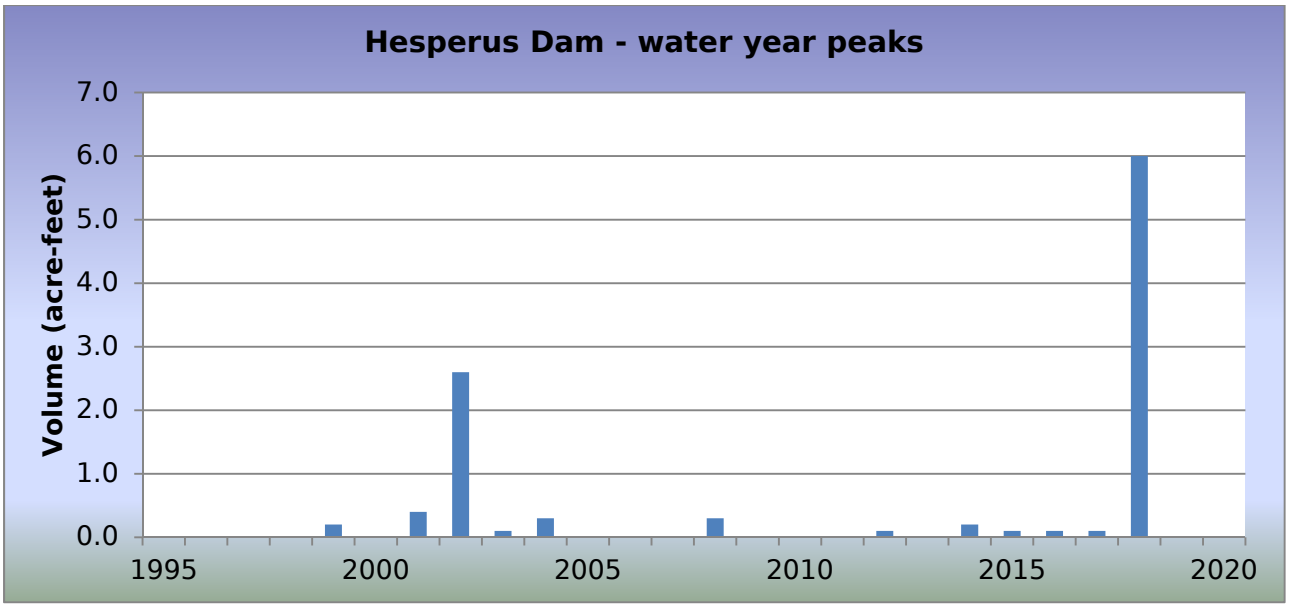


Site Data

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	21.79 Years | 7,957 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	1.03 feet Gage Height
STAFF GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,855.61 feet NAVD88
POINT OF ZERO FLOW	0.00 feet Gage Height
SPILLWAY CREST ELEVATION	35.2 feet Gage Height
TOP OF DAM ELEVATION	41.1 feet Gage Height

Watershed Map

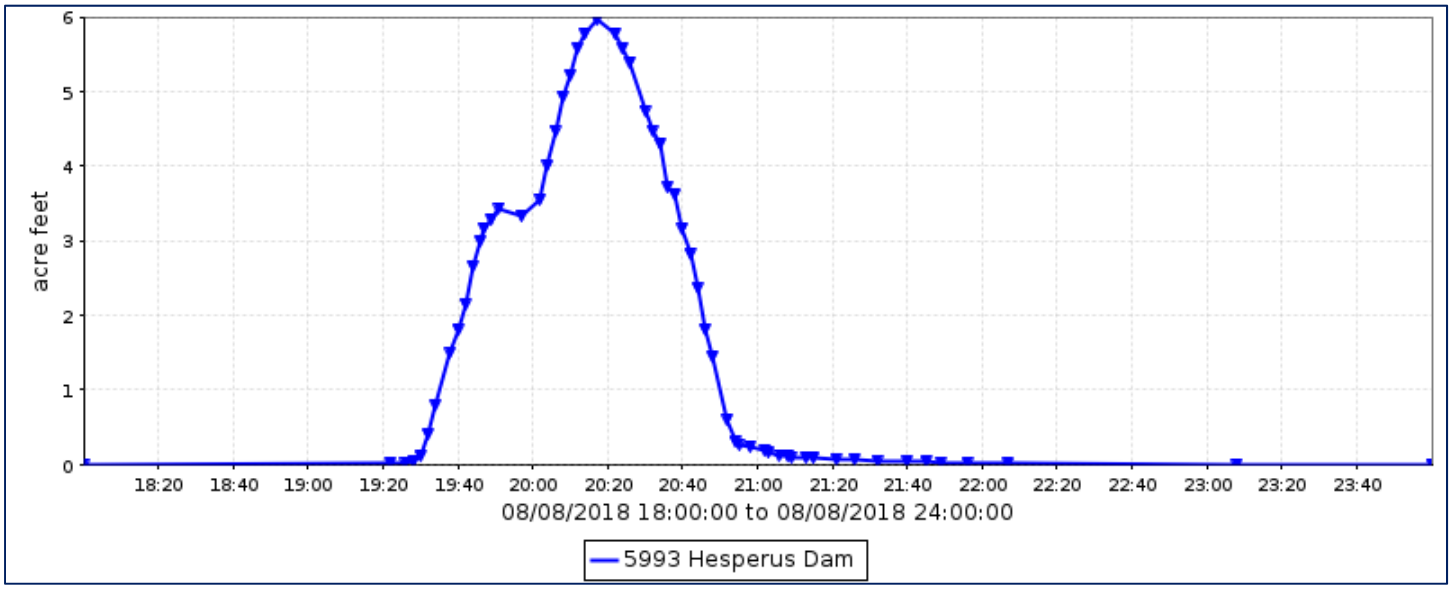




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
07/14/2018	4.16	0.5	0.2
08/08/2018	9.25	6.0	2.2
08/14/2018	1.52	0.1	0.0

Hydrograph of peak WY 2018 impoundment event, 08/08/2018



Hesperus Dam, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8											12	
9												
10												
11												
12												
13												
14										4	1	
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	4	12	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	0	0	0	0	0	0	107	181	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	8	25	0

WTR YR 2018 TOTAL 16 MEAN 0 MAX 181 MIN 0 AC_FT 33

Hesperus Dam, volume data

Volume, in acre feet, Water Year October 2017 to September 2018

Daily Mean Values

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

WTR YR 2018 MEAN 0 MAX 6 MIN 0

Hesperus Dam, stage data

Depth, in feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	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	1.2	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	0.8	0.8
14	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	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	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	4.2	9.2	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 2018 MEAN 0.79 MAX 9.25 MIN 0.79

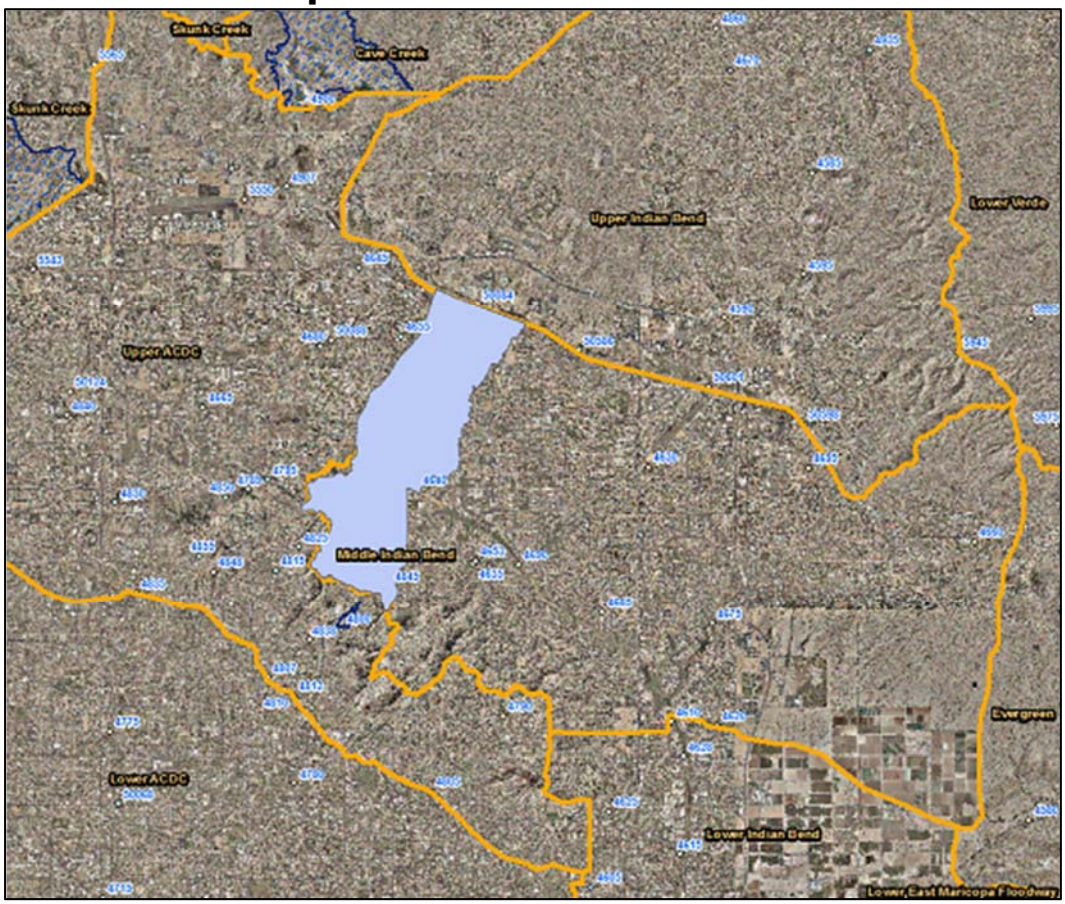
Indian Bend Wash at Sweetwater Avenue – ID #4643

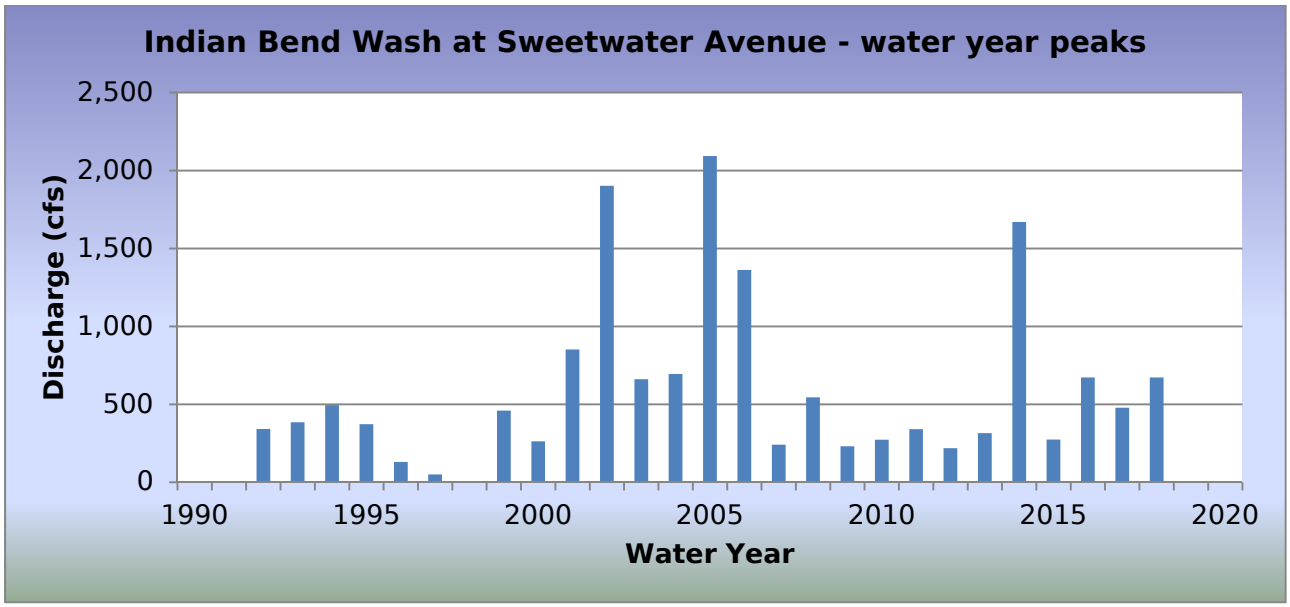


Site Data

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	26.51 Years | 9,684 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

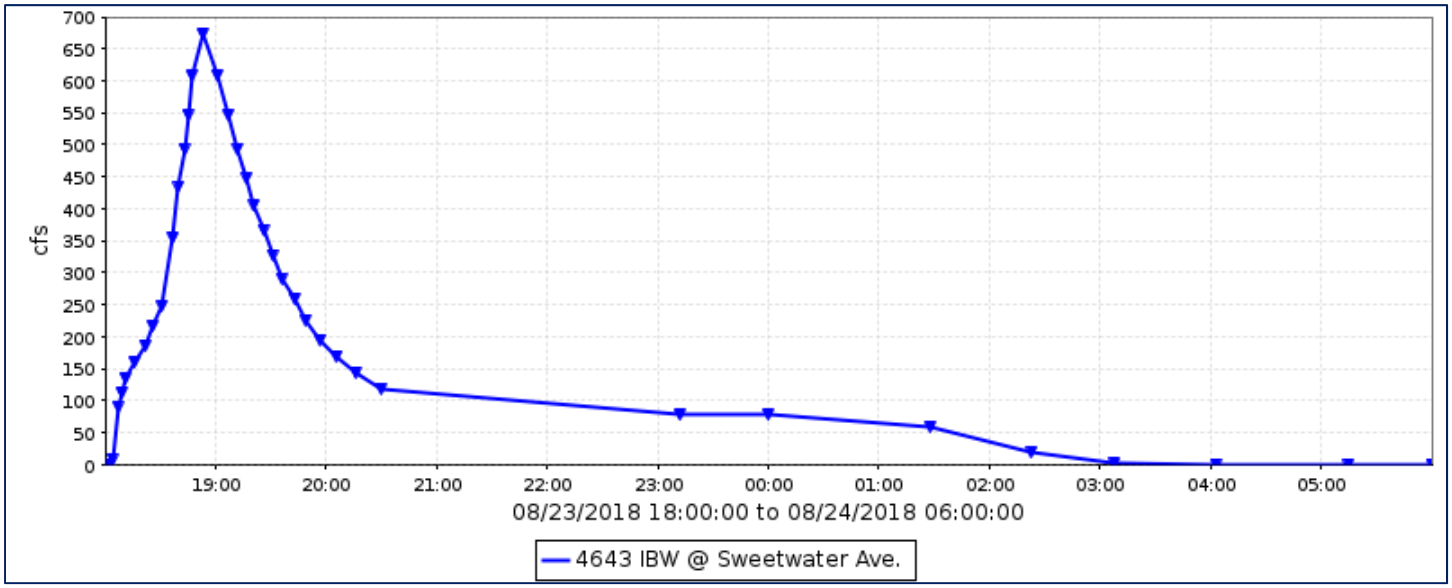




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
01/09/2018	0.97	69
07/09/2018	1.57	160
07/11/2018	1.18	98
07/30/2018	1.42	135
08/08/2018	1.08	84
08/11/2018	1.27	111
08/23/2018	3.38	672

Hydrograph of peak WY 2018 flow event, 08/23/2018



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**
432	**871**	**1,240**	**1,660**	**2,280**	**2,800**
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 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8											3	
9			---	3						10		
10			---	5							1	
11										5	15	
12										4		
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23											48	
24											8	
25												
26												
27												
28												
29					---							
30					---					16		
31		---			---		---		---	4		---
TOTAL	0	0	0	8	0	0	0	0	0	37	74	0
MEAN	0	0	0	0	0	0	0	0	0	1	2	0
MAX	0	0	0	69	0	0	0	0	0	160	672	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	15	0	0	0	0	0	74	147	0

WTR YR 2018 TOTAL 119 MEAN 0 MAX 672 MIN 0 AC_FT 236

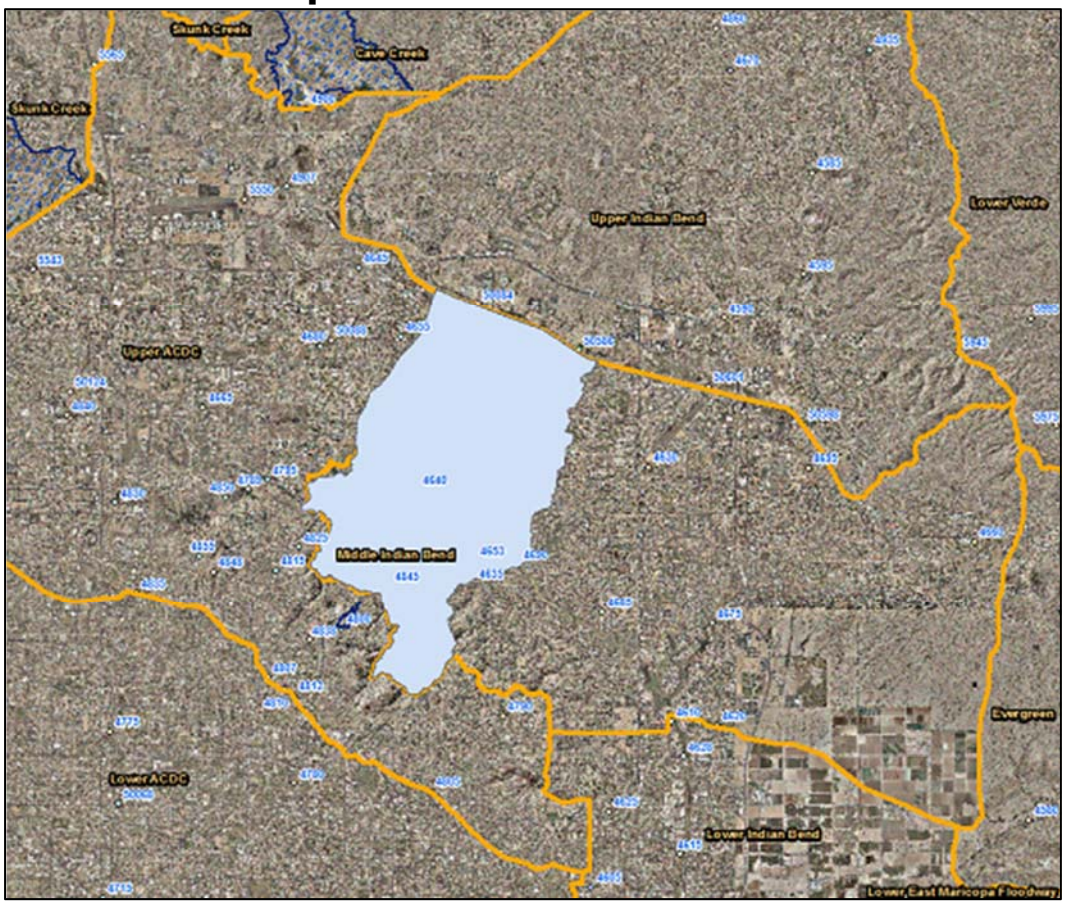
Indian Bend Wash at Shea Boulevard, ID #4693

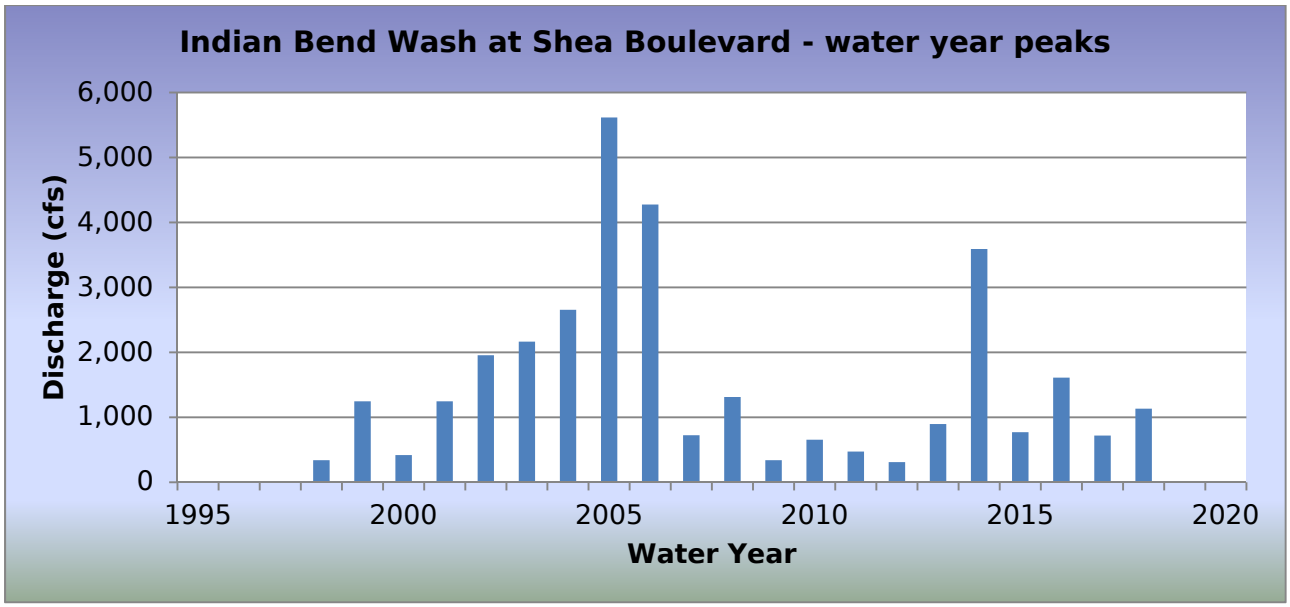


Site Data

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	20.31 Years | 7,419 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

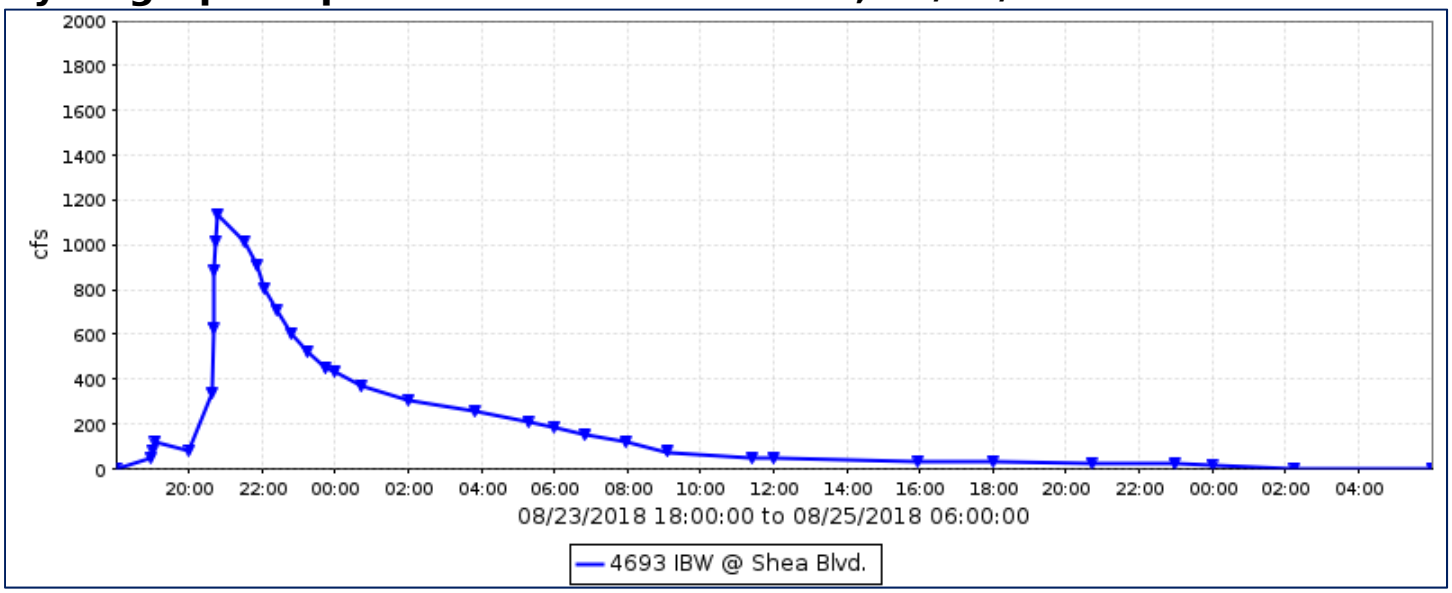




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
01/09/2018	1.17	167
02/14/2018	0.85	53
02/28/2018	0.94	83
07/09/2018	1.47	308
07/11/2018	1.49	319
07/30/2018	1.47	308
08/09/2018	0.89	65
08/10/2018	1.89	602
08/23/2018	2.41	1,134
09/19/2018	0.57	25

Hydrograph of peak WY 2018 flow event, 08/23/2018



Flood Flow Frequency

Flood Flow Frequency N=30, HEC-WRC computation (based on 30 years of data, USGS and FCDMC data)					
2-year	**5-year**	**10-year**	**20-year**	**50-year**	**100-year**
1,160	**2,330**	**3,320**	**4,500**	**6,360**	**8,030**

NOTE: These results are based on limited data.

Inidan Bend Wash at Shea Boulevard, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1											9	
2												
3												
4												
5												
6												
7												
8											4	
9			---	10						50	39	
10			---	87						68	14	
11				5						34	189	
12										101	18	
13										18		
14					11							
15					4							
16												
17			42									
18			18									
19												3
20												
21												
22												
23											119	
24											122	
25											2	
26												
27												
28					17							
29					---							
30					---					22		
31		---			---		---		---	74		---
TOTAL	0	0	61	102	32	0	0	0	0	366	516	3
MEAN	0	0	2	3	1	0	0	0	0	12	17	0
MAX	0	0	116	167	83	0	0	0	0	319	1134	25
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	120	202	63	0	0	0	0	725	1023	5

WTR YR 2018 TOTAL 1078 MEAN 3 MAX 1134 MIN 0 AC_FT 2139

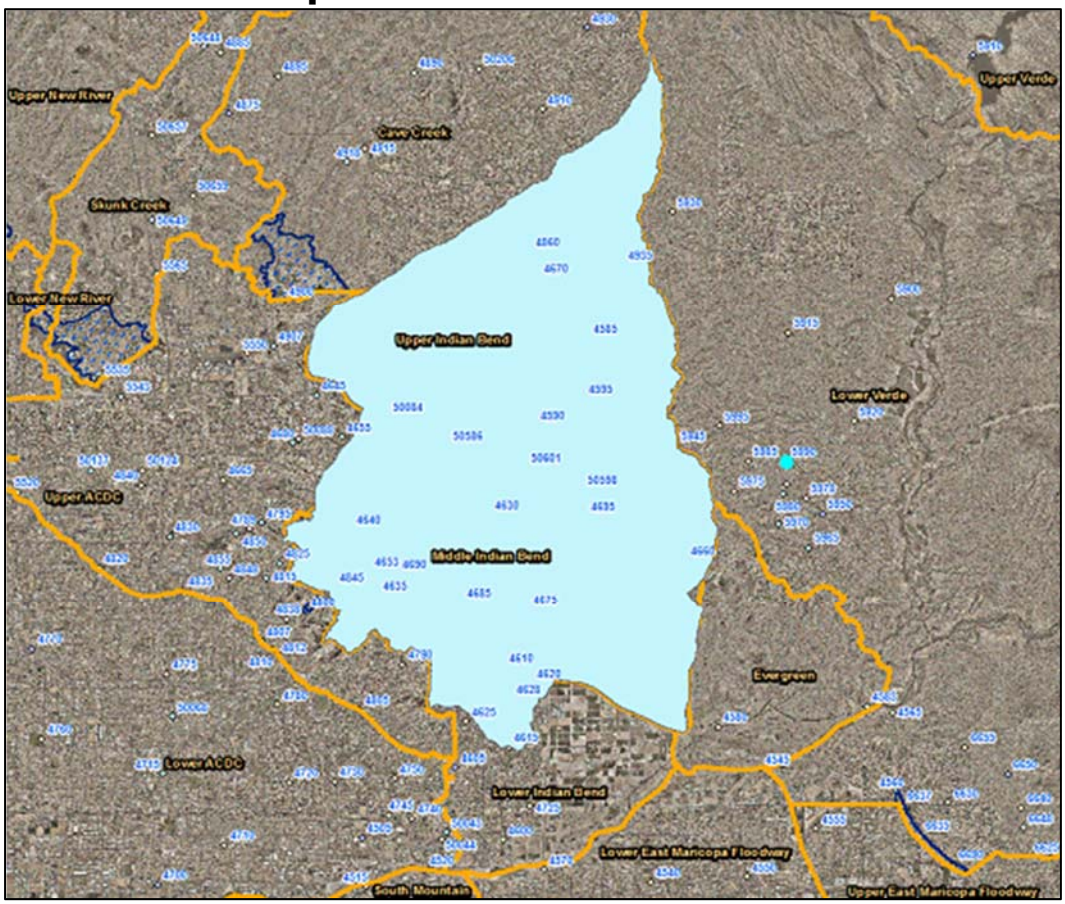
Indian Bend Wash near Indian Bend Road – ID #4613

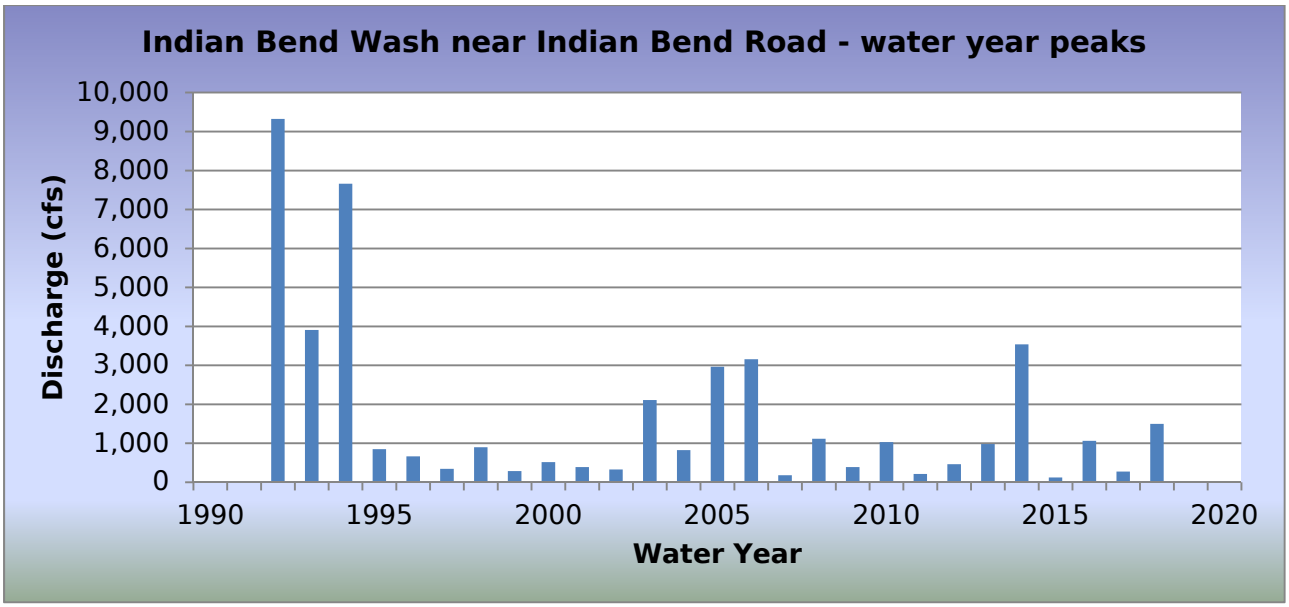


Site Data

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	26.51 Years | 9,684 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

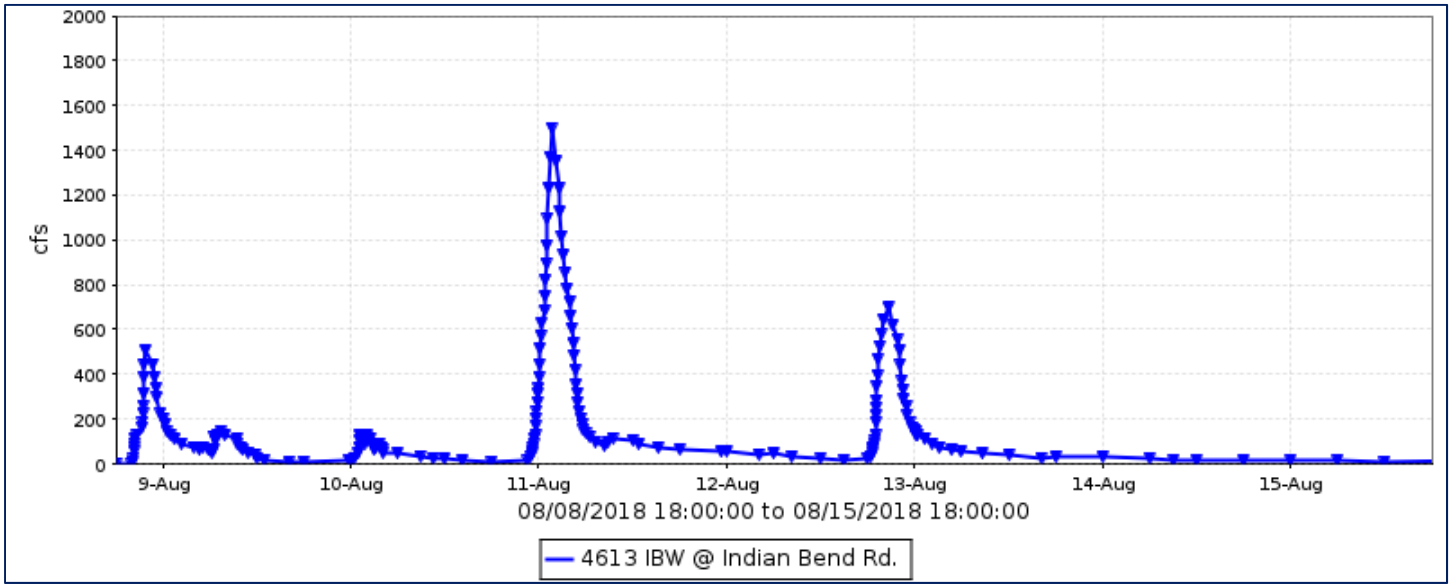




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
06/16/2018	0.77	37
07/09/2018	0.57	19
07/12/2018	0.69	29
08/08/2018	2.84	504
08/09/2018	1.66	146
08/10/2018	1.54	126
08/11/2018	4.41	1,500
08/12/2018	3.26	696

Hydrograph of peak WY 2018 flow event, 08/11/2018



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**
882	**2,360**	**4,040**	**6,370**	**10,700**	**15,300**

Indian Bend Wash near Indian Bend Road, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8											48	
9			---							3	55	
10			---							1	38	
11											264	
12										8	125	
13										9	51	
14											20	
15											13	
16									4		11	
17											12	
18											6	
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	0	0	0	0	0	4	20	642	0
MEAN	0	0	0	0	0	0	0	0	0	1	21	0
MAX	0	0	0	0	0	0	0	0	37	29	1500	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	0	0	9	39	1274	0

WTR YR 2018 TOTAL 666 MEAN 2 MAX 1500 MIN 0 AC_FT 1322

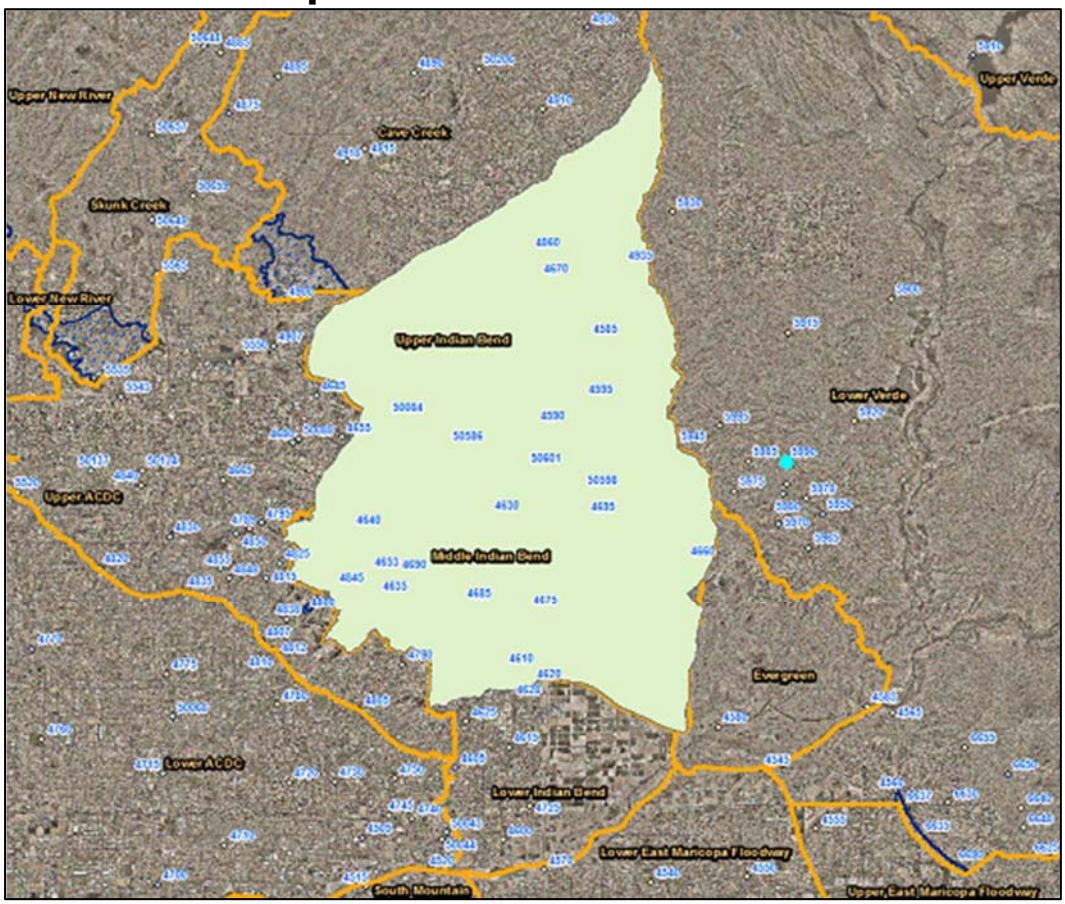
Indian Bend Wash at McDonald Drive – ID #4628

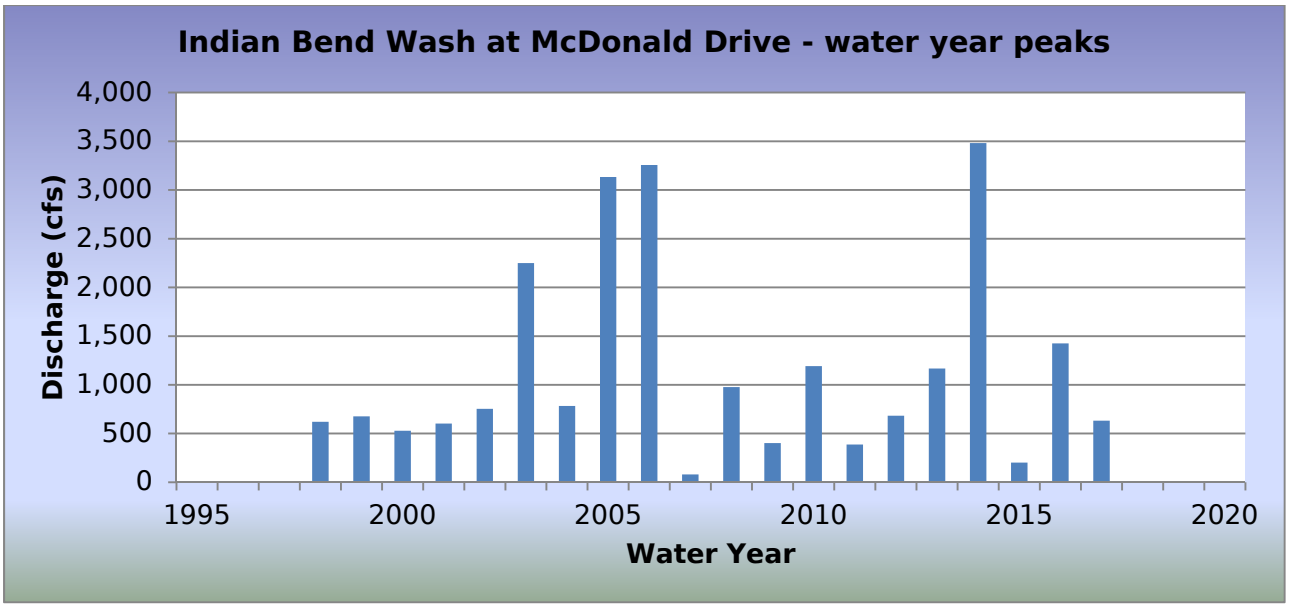


Site Data

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	20.85 Years | 7,616 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

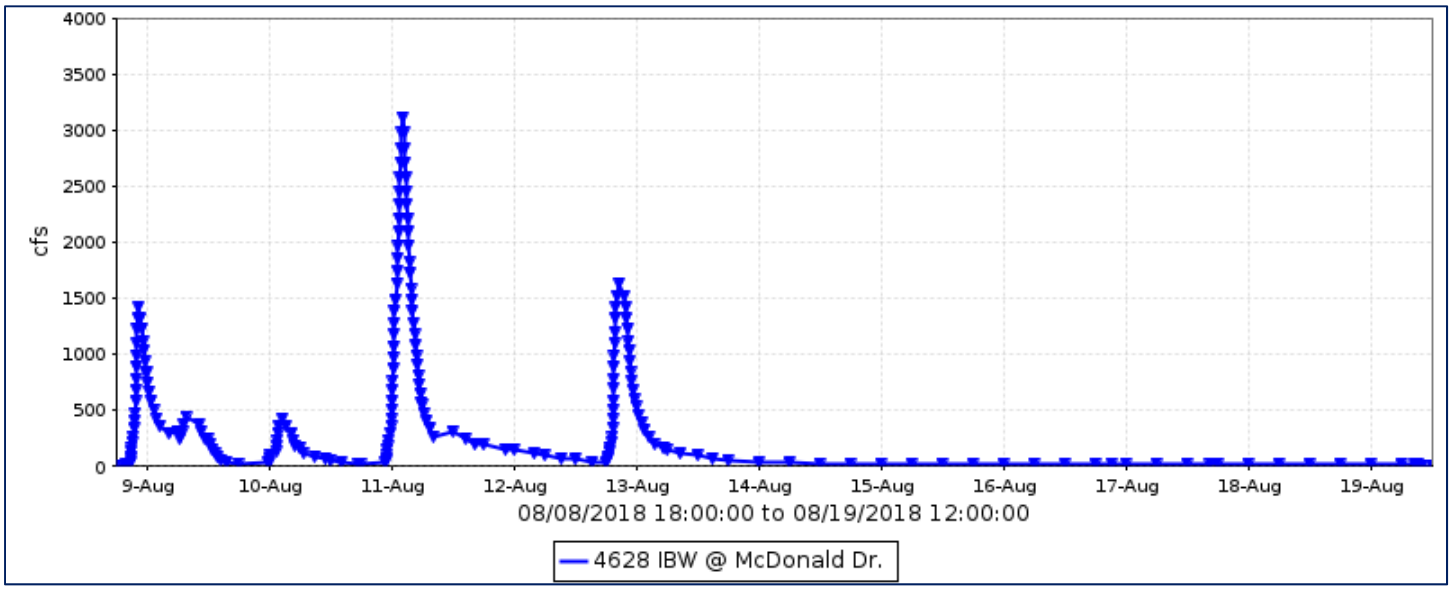




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
06/16/2018	-0.19	100
07/10/2018	-0.86	17
07/13/2018	-0.68	20
08/08/2018	1.96	1,417
08/10/2018	0.56	422
08/11/2018	3.70	3,110
08/12/2018	2.21	1,627

Hydrograph of peak WY 2018 flow event, 08/11/2018



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**
920	**1,880**	**2,740**	**3,760**	**5,400**	**6,880**

Indian Bend Wash at McDonald Drive, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8											113	
9											226	
10			---							8	107	
11										1	607	
12										2	297	
13										16	135	
14										3	23	
15											19	
16									14		18	
17									2		19	
18											17	
19											6	
20		1										
21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	5	0	0	0	0	0	0	15	31	1586	0
MEAN	0	0	0	0	0	0	0	0	1	1	51	0
MAX	0	1	0	0	0	0	0	0	100	20	3110	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	9	0	0	0	0	0	0	31	61	3145	0

WTR YR 2018 TOTAL 1637 MEAN 4 MAX 3110 MIN 0 AC_FT 3246

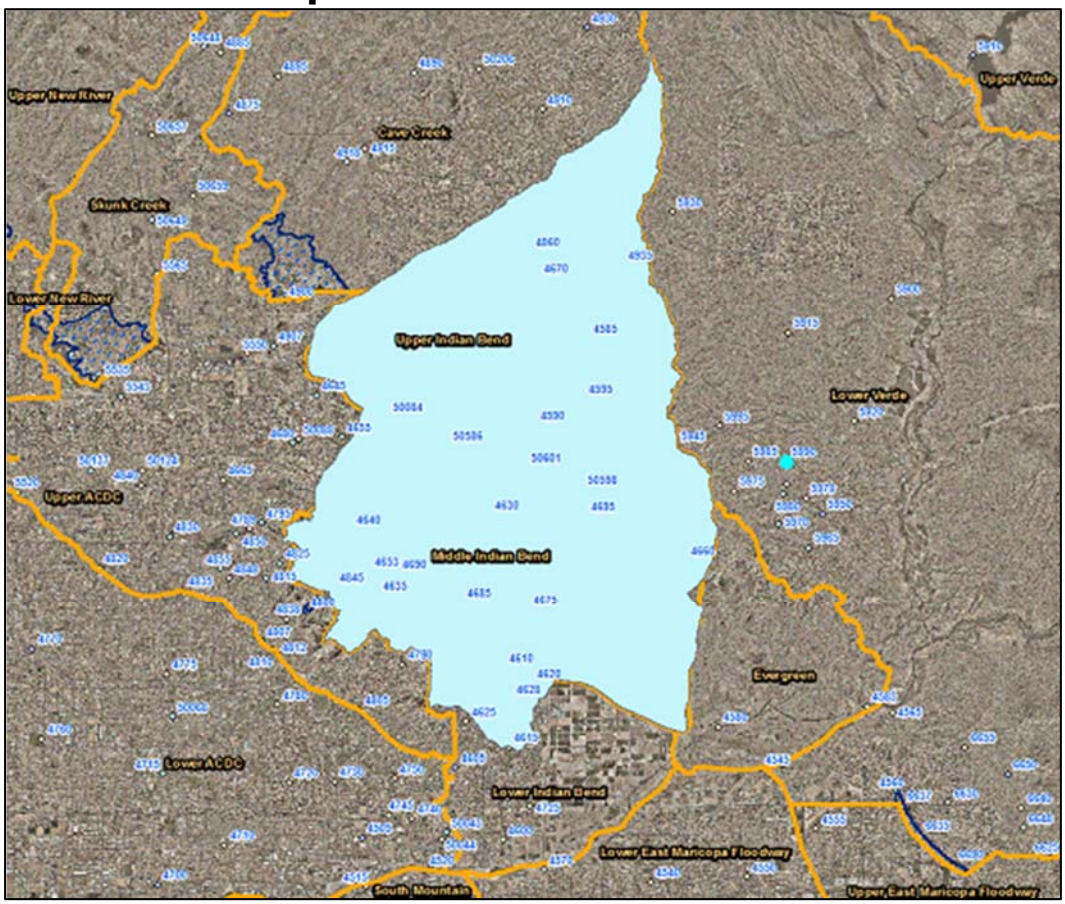
Indian Bend Wash at Indian School Road – ID #4618

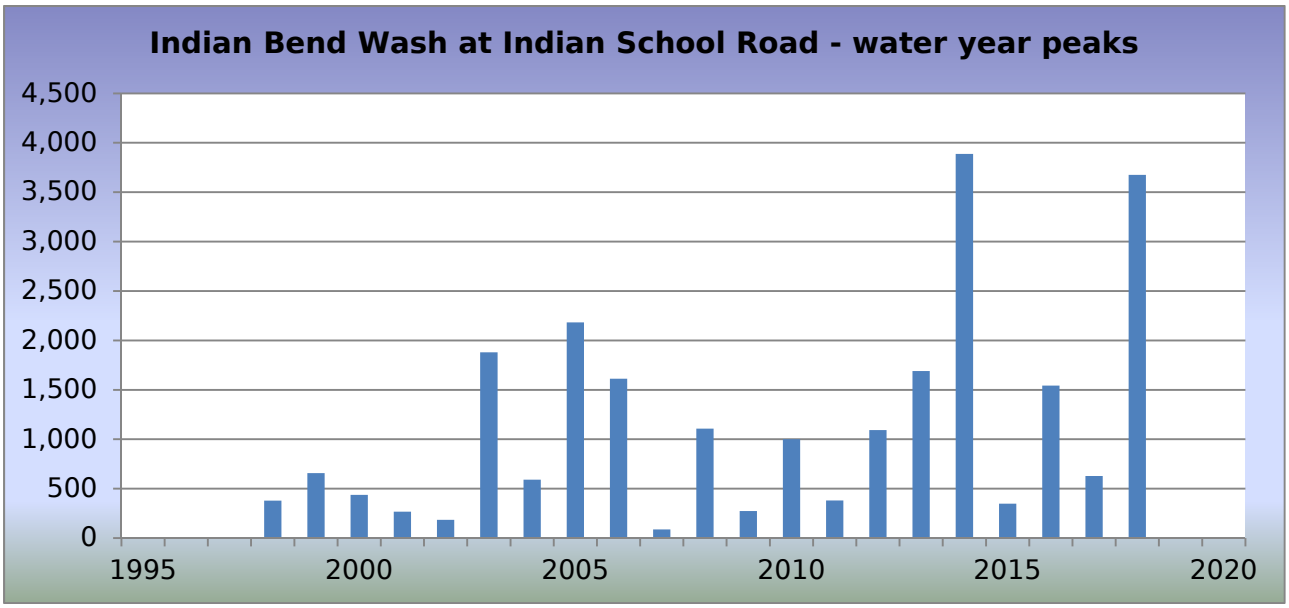


Site Data

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	20.85 Years | 7,615 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

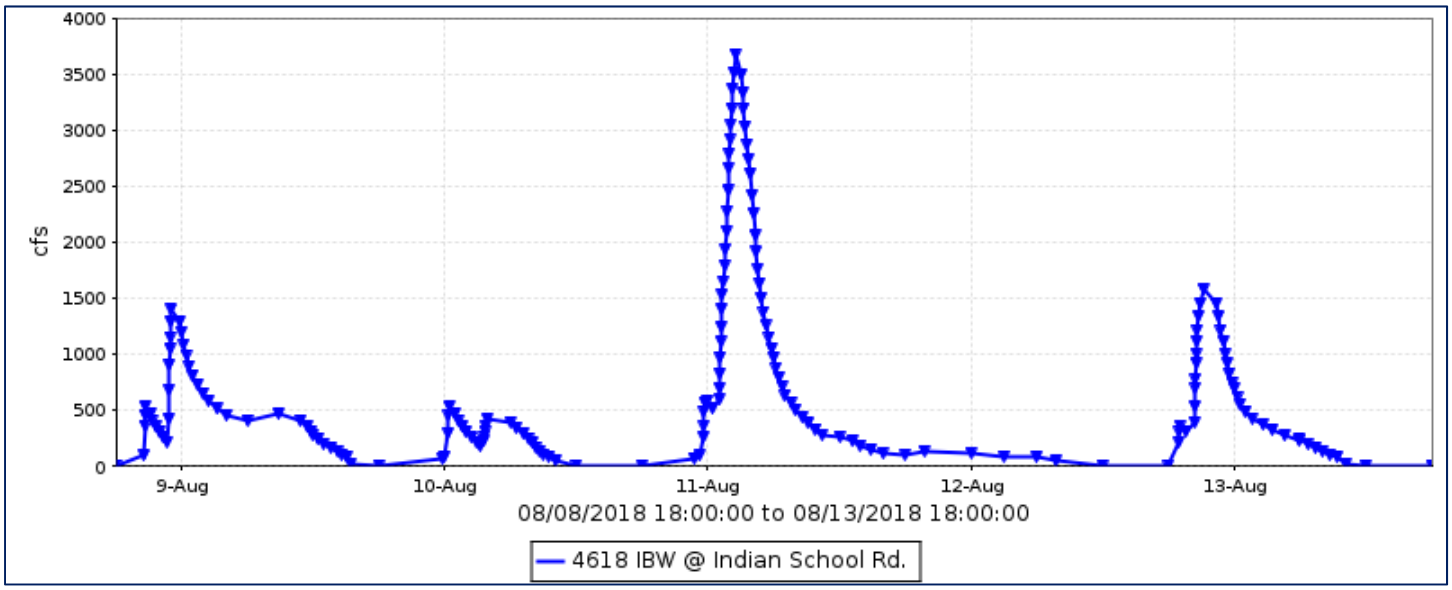




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
06/16/2018	1.29	165
07/10/2018	0.91	76
08/08/2018	3.38	1,393
08/10/2018	2.19	523
08/11/2018	5.33	3,675
08/12/2018	3.56	1,573

Hydrograph of peak WY 2018 flow event, 08/11/2018



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**
776	**1,770**	**2,680**	**3,740**	**5,410**	**6,870**

Indian Bend Wash at Indian School Road, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8											96	
9											289	
10										23	141	
11										2	688	
12										3	247	
13										3	125	
14										3		
15										3		
16									11	3		
17										3		
18										3		1
19										3		
20										3		
21										3		
22										2		
23										3		
24										2		
25										3		
26										2		
27										3		
28										3		
29					---					3		
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	0	0	0	0	0	11	80	1586	1
MEAN	0	0	0	0	0	0	0	0	0	3	51	0
MAX	0	0	0	0	0	0	0	0	165	76	3675	3
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	0	0	23	159	3146	2

WTR YR 2018 TOTAL 1678 MEAN 5 MAX 3675 MIN 0 AC_FT 3329

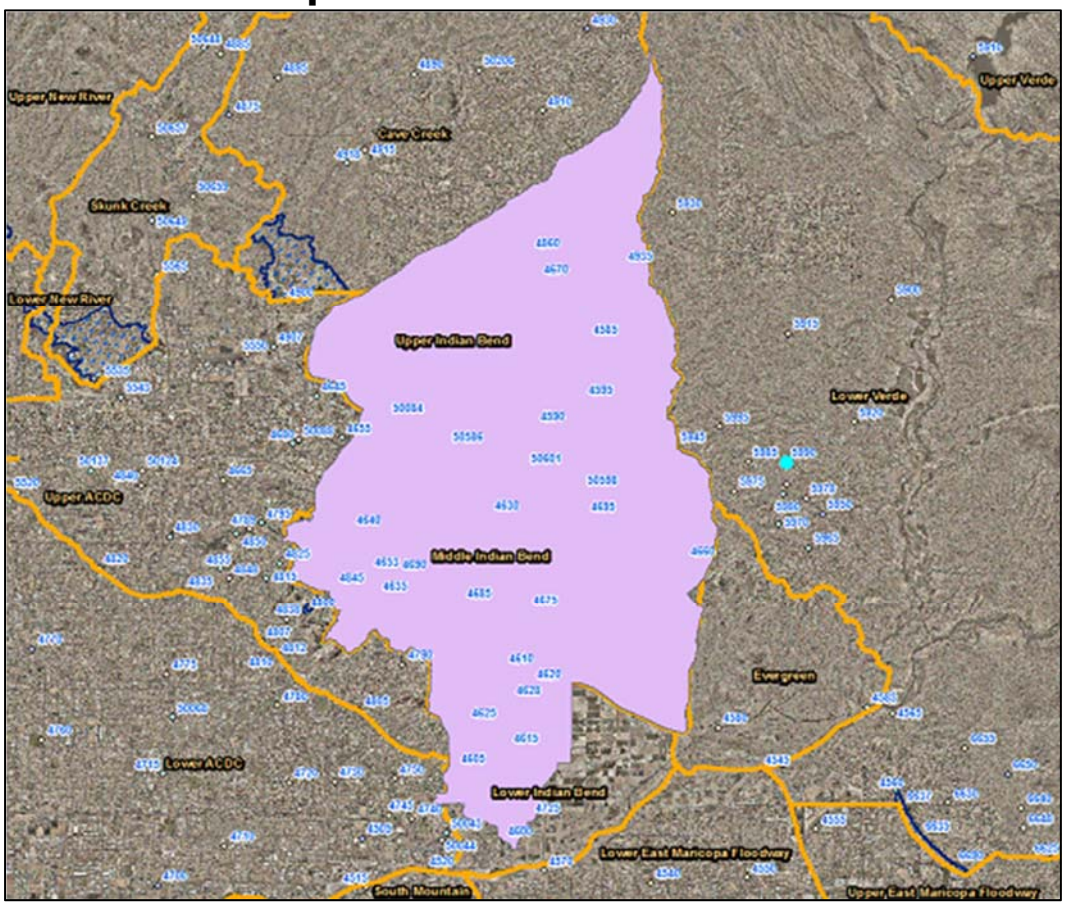
Indian Bend Wash near McKellips Road, ID #4603

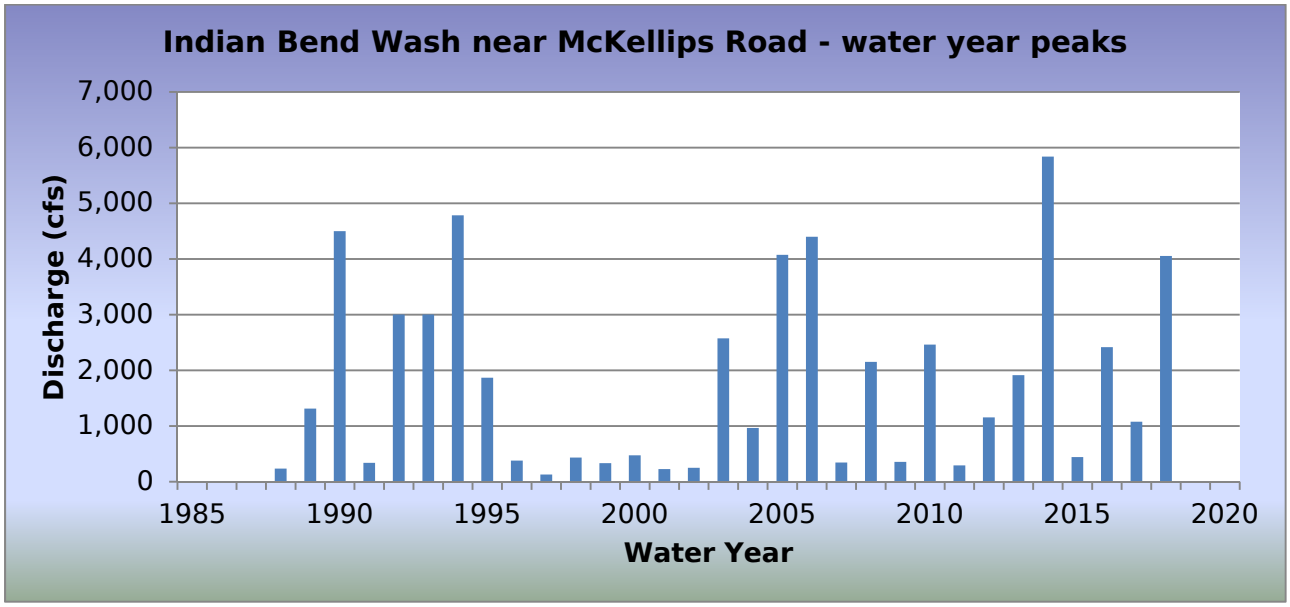


Site Data

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	30.89 Years | 11,283 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

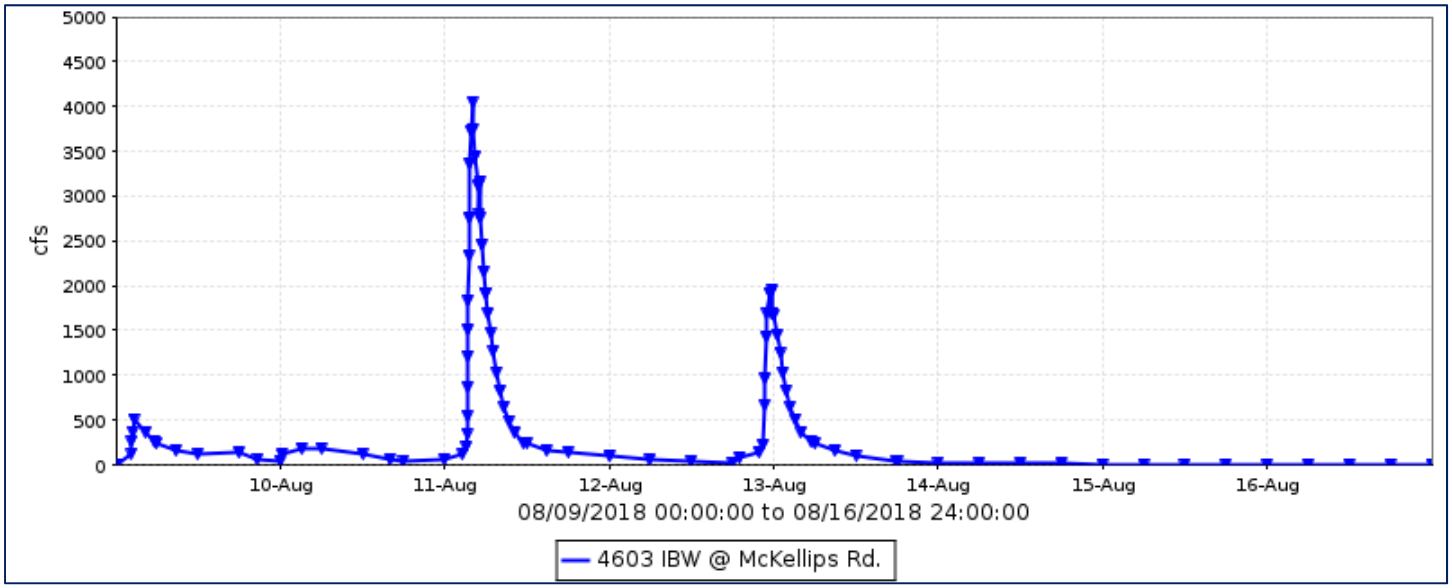




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
08/09/2018	2.01	508
08/11/2018	5.66	4,054
08/12/2018	3.83	1,940

Hydrograph of peak WY 2018 flow event, 08/11/2018



Flood Flow Frequency

Flood Flow Frequency N=31, HEC-WRC computation (based on 31 years of data)					
2-year	**5-year**	**10-year**	**20-year**	**50-year**	**100-year**
1,010	**2,760**	**4,490**	**6,660**	**10,300**	**13,800**

Indian Bend Wash near McKellips Road, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1								---				
2												
3												
4												
5												
6												
7												
8												
9			---								165	
10			---								118	
11											627	
12											147	
13											274	
14											18	
15											2	
16											1	
17												
18												
19												
20												
21												
22												
23								---				
24											1	
25											6	
26											1	
27												
28												
29					---							
30					---		---					
31		---			---		---		---			---
TOTAL	0	0	0	0	0	0	0	0	0	1	1361	0
MEAN	0	0	0	0	0	0	0	0	0	0	44	0
MAX	0	0	0	0	0	0	0	0	0	0	4054	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	2700	0

WTR YR 2018 TOTAL 1362 MEAN 4 MAX 4054 MIN 0 AC_FT 2701

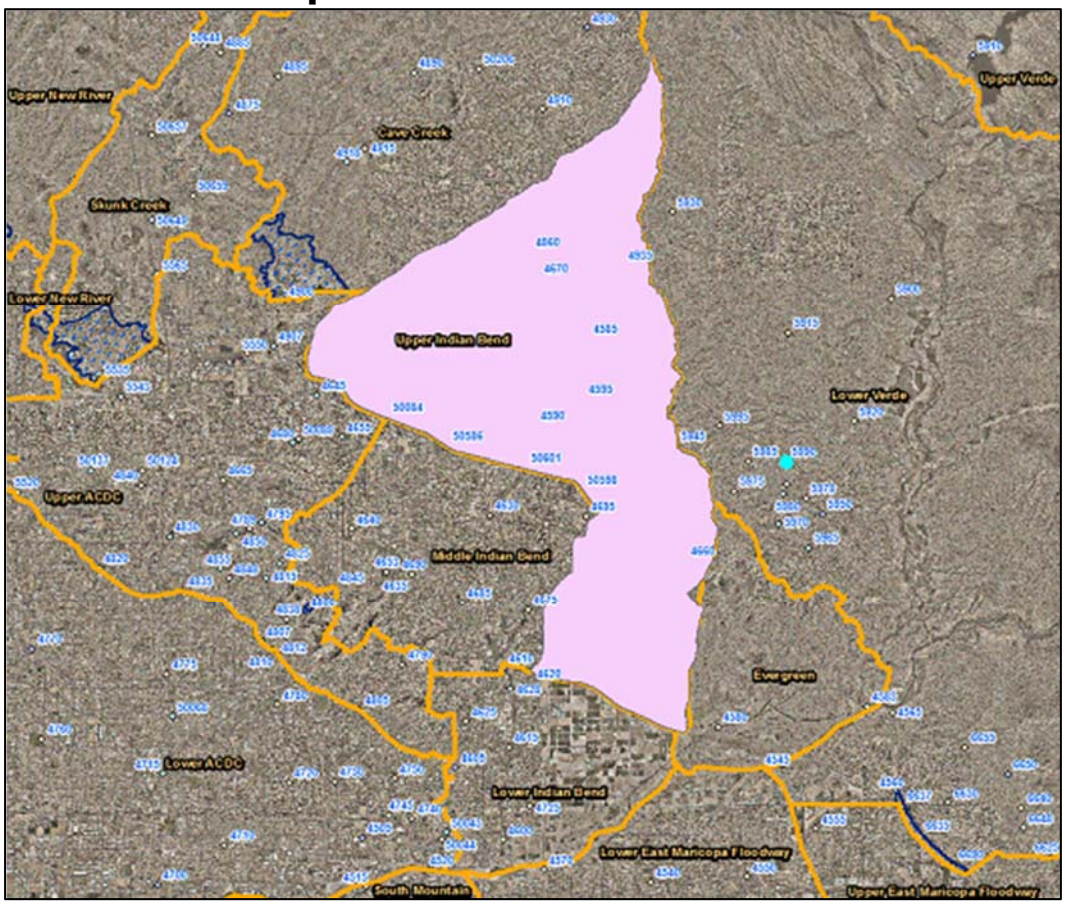
Indian Bend Wash Interceptor Channel – ID #4623

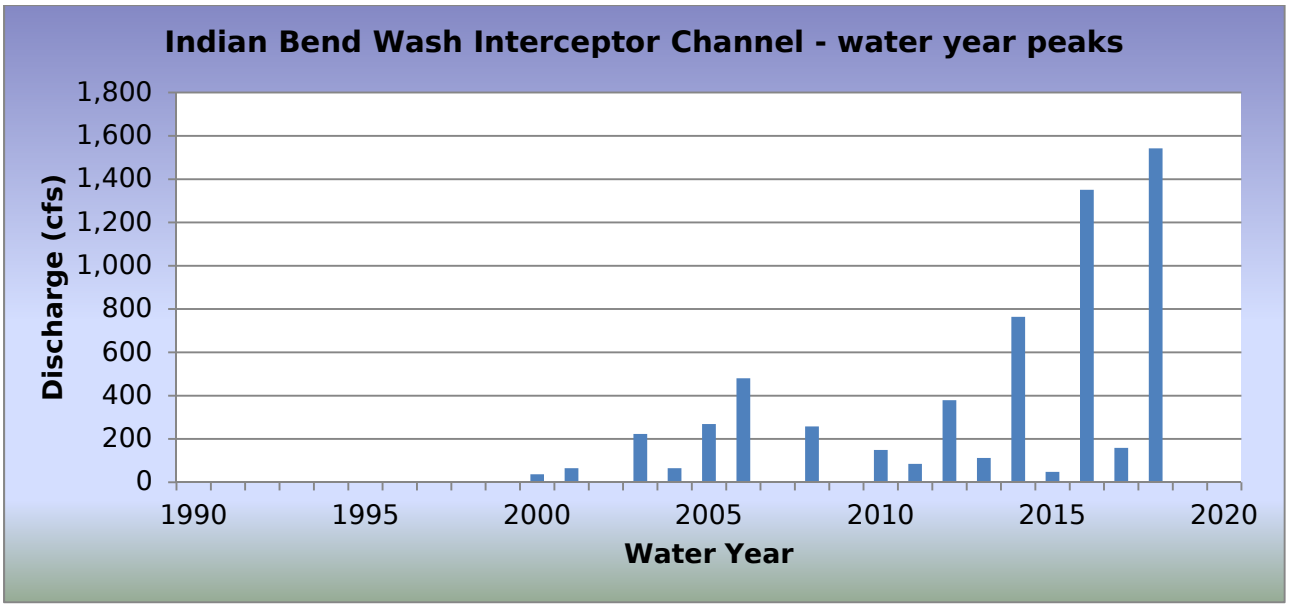


Site Data

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	24.45 Years | 8,929 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	1,542 cfs | 5.78 feet | 08/11/2018

Watershed Map

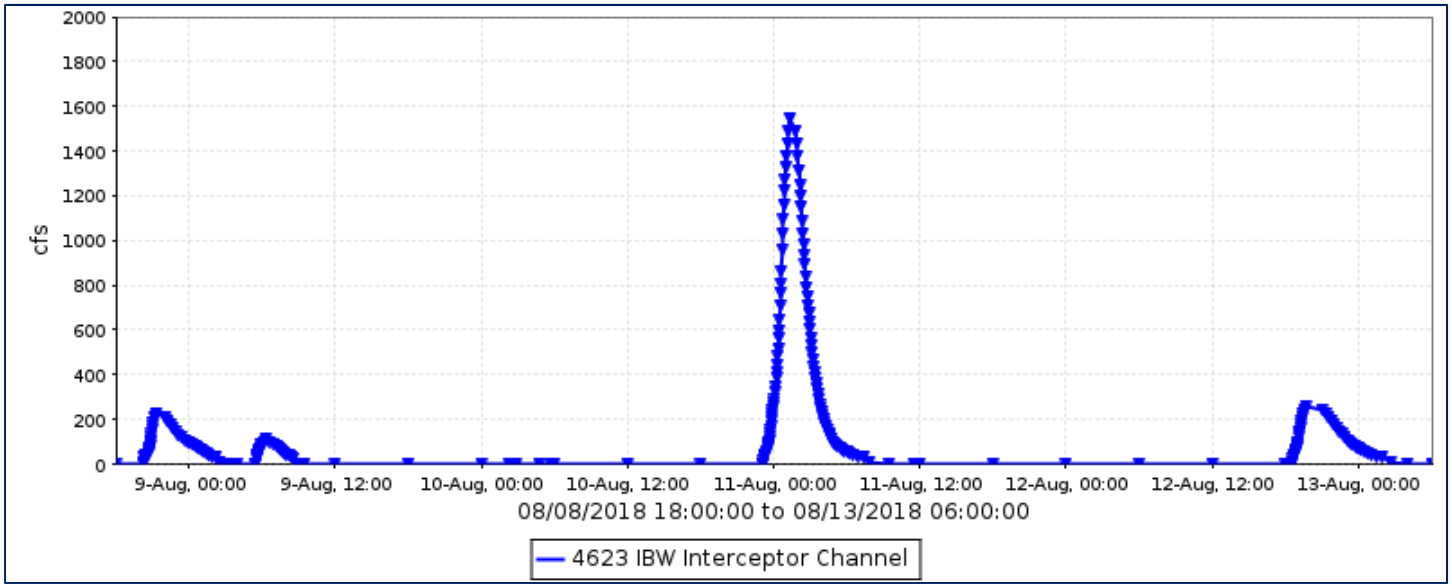




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
08/08/2018	2.24	221
08/09/2018	1.47	109
08/11/2018	5.78	1,542
08/12/2018	2.46	260

Hydrograph of peak WY 2018 flow event, 08/11/2018



Flood Flow Frequency

Flood Flow Frequency N=25, HEC-WRC computation (based on 25 years of data)					
2-year	**5-year**	**10-year**	**20-year**	**50-year**	**100-year**
53	**307**	**744**	**1,520**	**3,330**	**5,550**

Indian Bend Wash Interceptor Channel, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8											23	
9											15	
10											4	
11											161	
12											39	
13											5	
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	248	0
MEAN	0	0	0	0	0	0	0	0	0	0	8	0
MAX	0	0	0	0	0	0	0	0	0	0	1542	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	491	0

WTR YR 2018 TOTAL 248 MEAN 1 MAX 1542 MIN 0 AC_FT 491

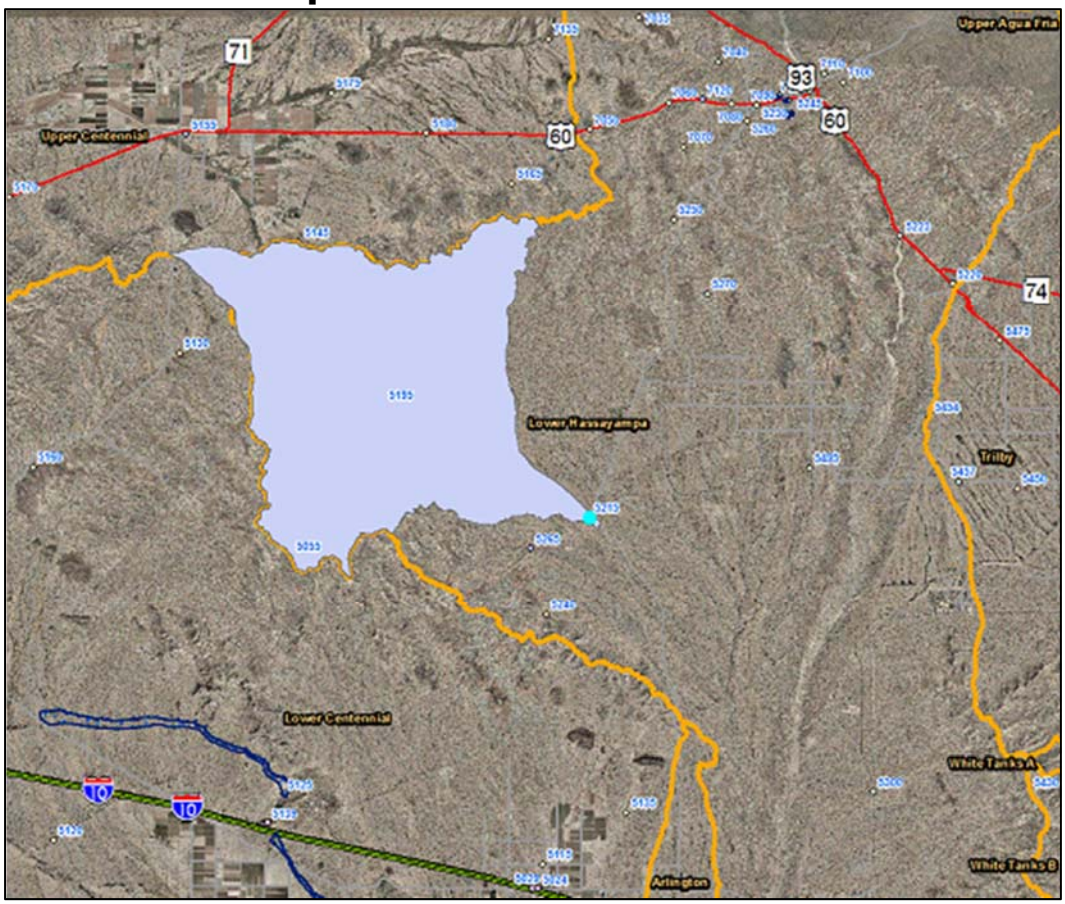
Jackrabbit Wash, ID #5218

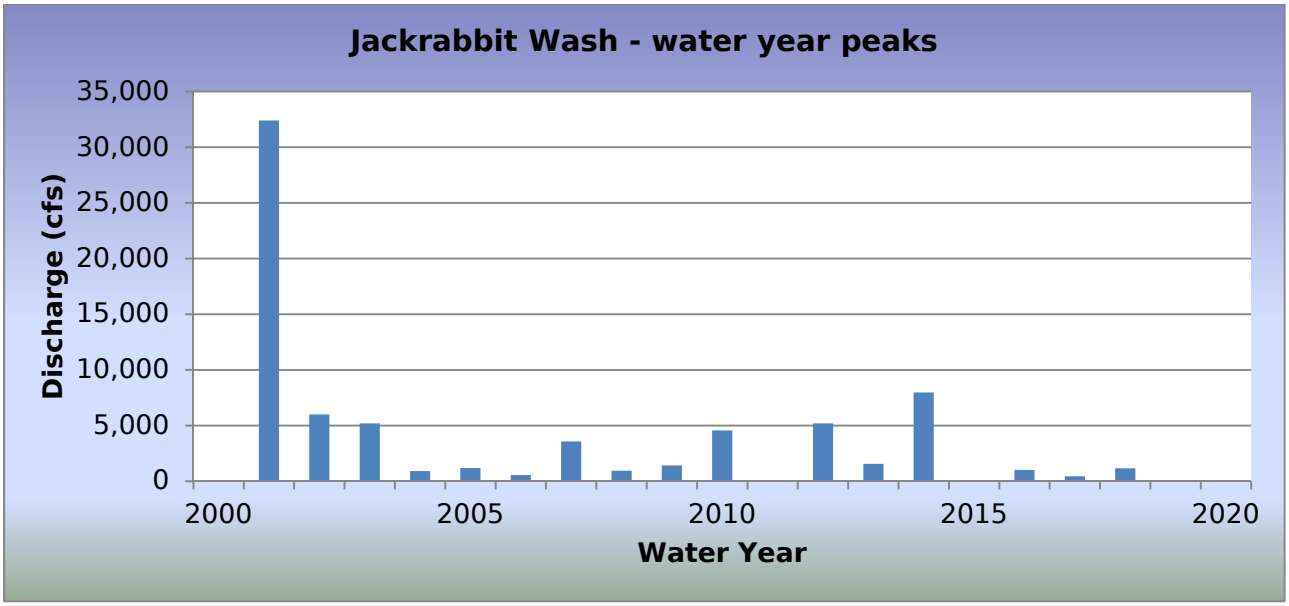


Site Data

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	17.92 Years | 6,544 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

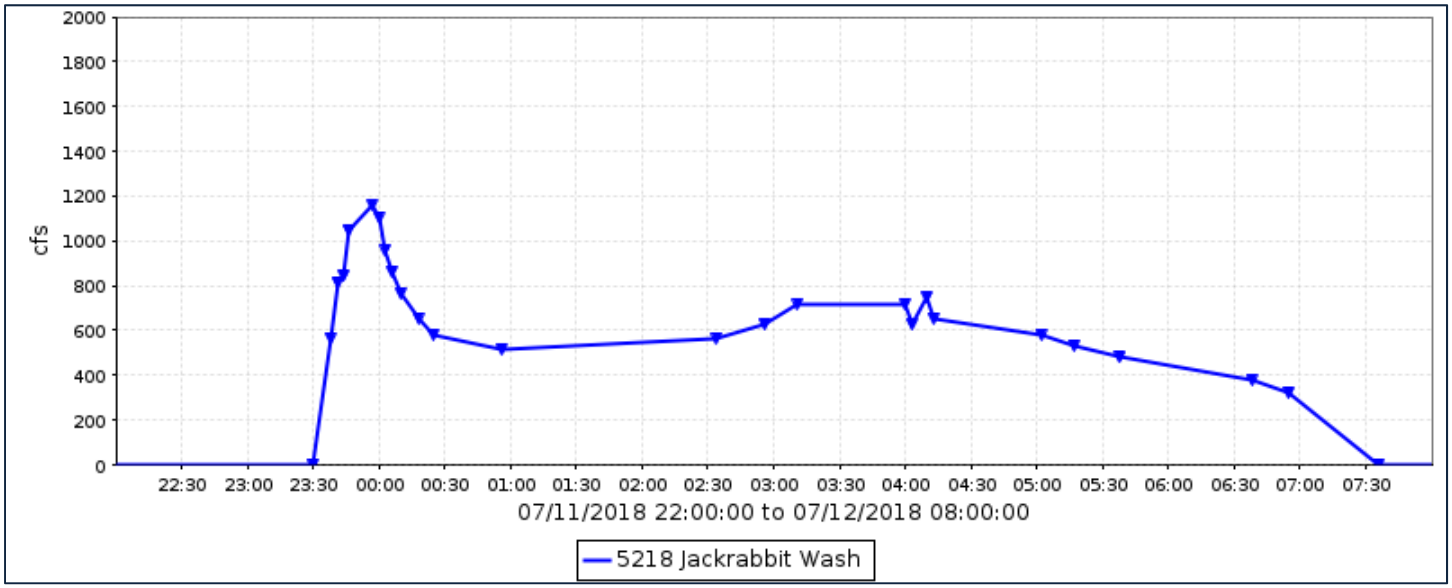




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
07/12/2018	3.46	1,162
07/16/2018	2.88	590
07/17/2018	2.46	367

Hydrograph of peak WY 2018 flow event, 07/12/2018



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**
1,030	**4,700**	**9,580**	**16,600**	**29,300**	**41,900**

NOTE: These results are based on limited data.

Jackrabbit Wash, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11										14		
12										177		
13												
14												
15												
16										48		
17										7		
18								12				
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	0	0	0	0	12	0	246	0	0
MEAN	0	0	0	0	0	0	0	0	0	8	0	0
MAX	0	0	0	0	0	0	0	451	0	1162	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	0	24	0	489	0	0

WTR YR 2018 TOTAL 258 MEAN 1 MAX 1162 MIN 0 AC_FT 513

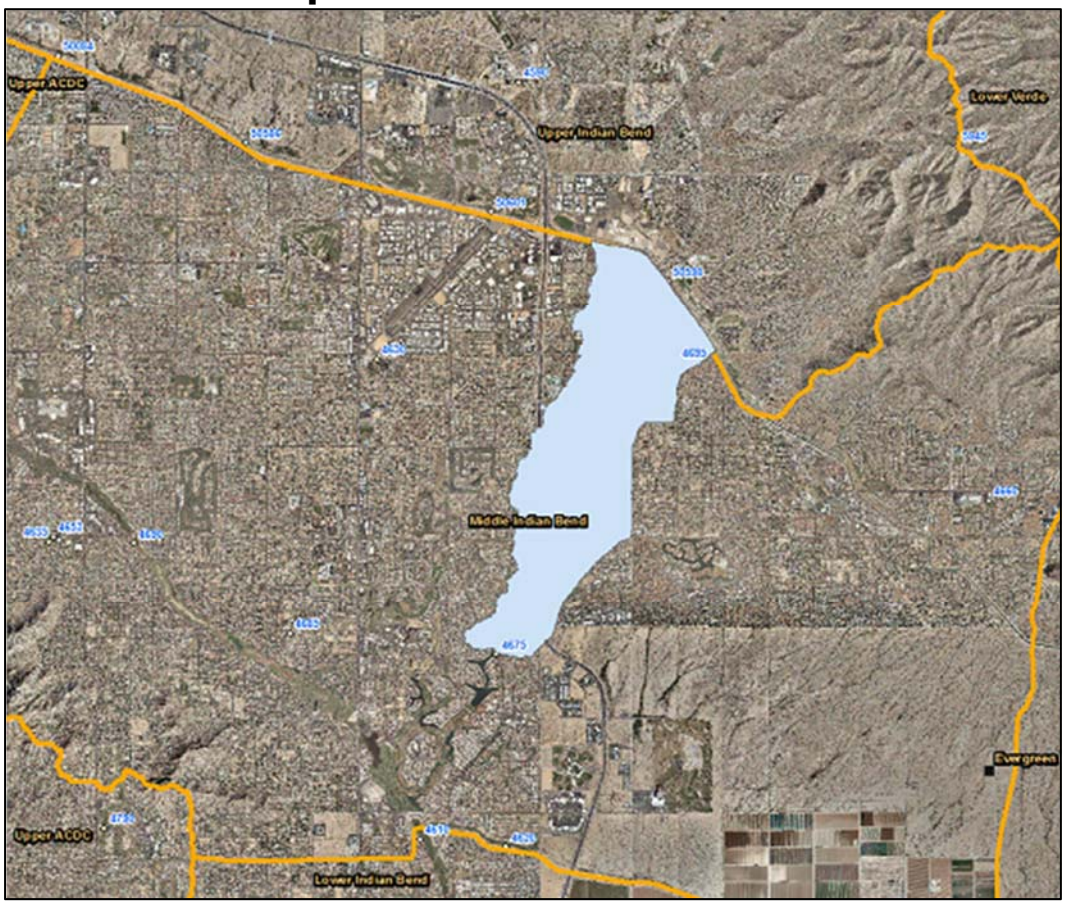
Lake Margherite – ID #4678

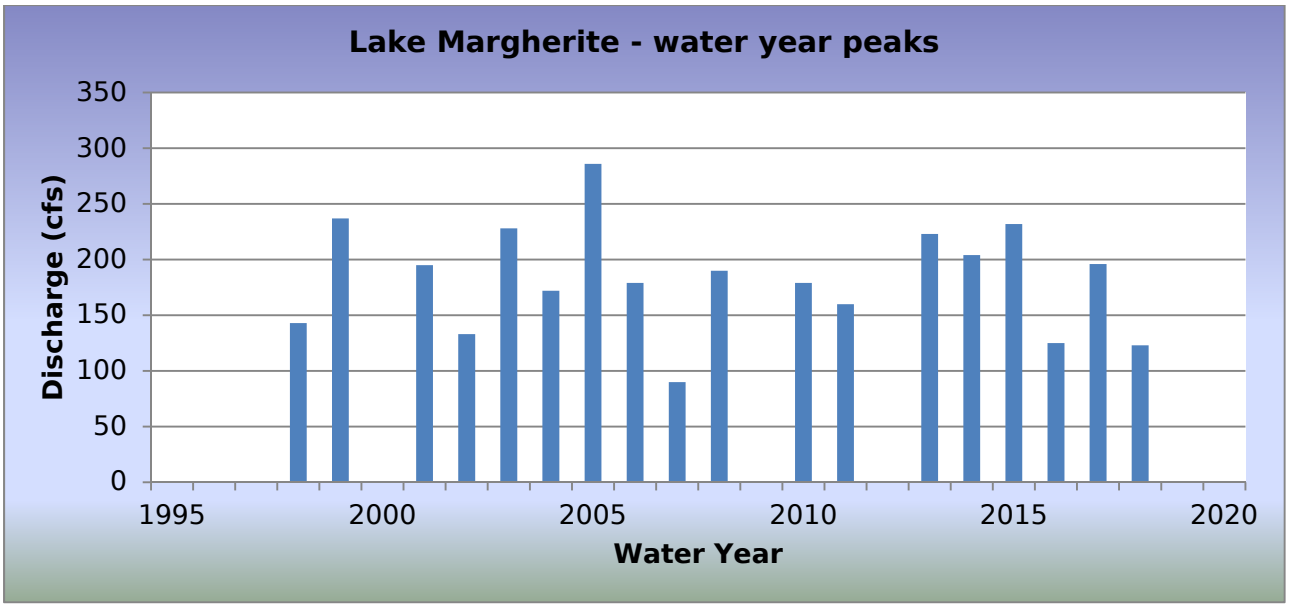


Site Data

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	20.85 Years | 7,616 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

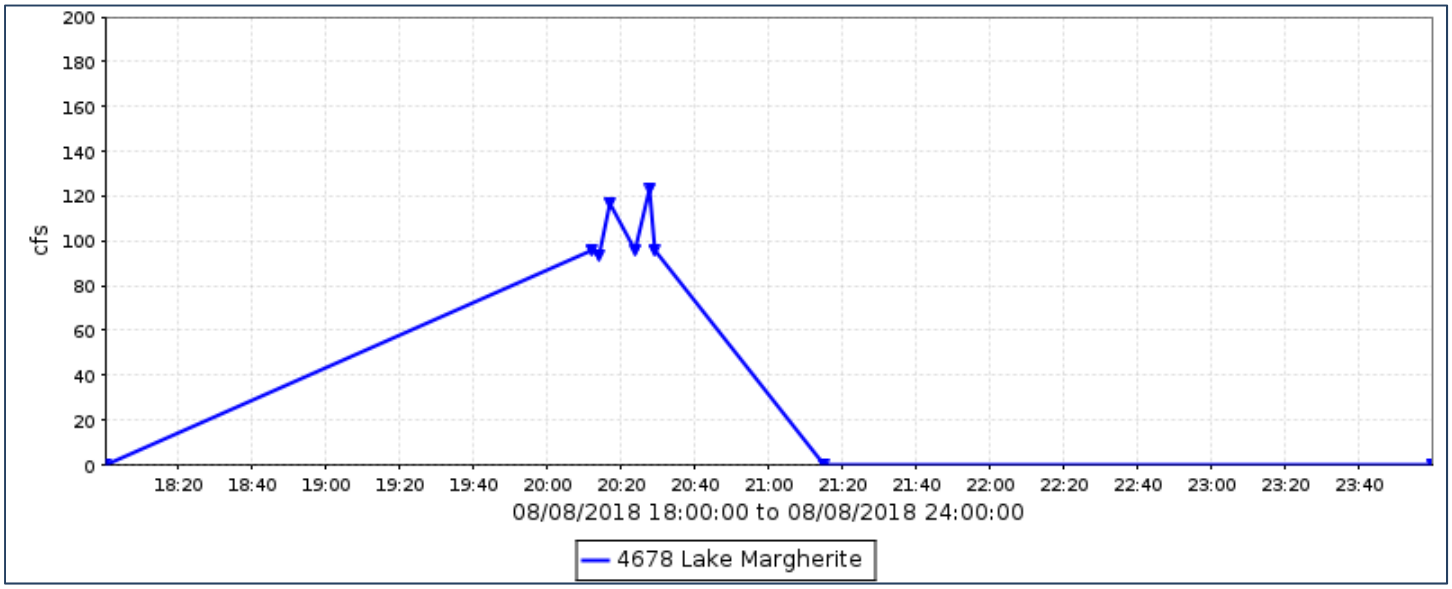




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
08/08/2018	1.10	123

Hydrograph of peak WY 2018 flow event, 07/16/2017



Flood Flow Frequency

Unavailable at this time.

Lake Margherite, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8											4	
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	4	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	123	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	9	0

WTR YR 2018 TOTAL 4 MEAN 0 MAX 123 MIN 0 AC_FT 9

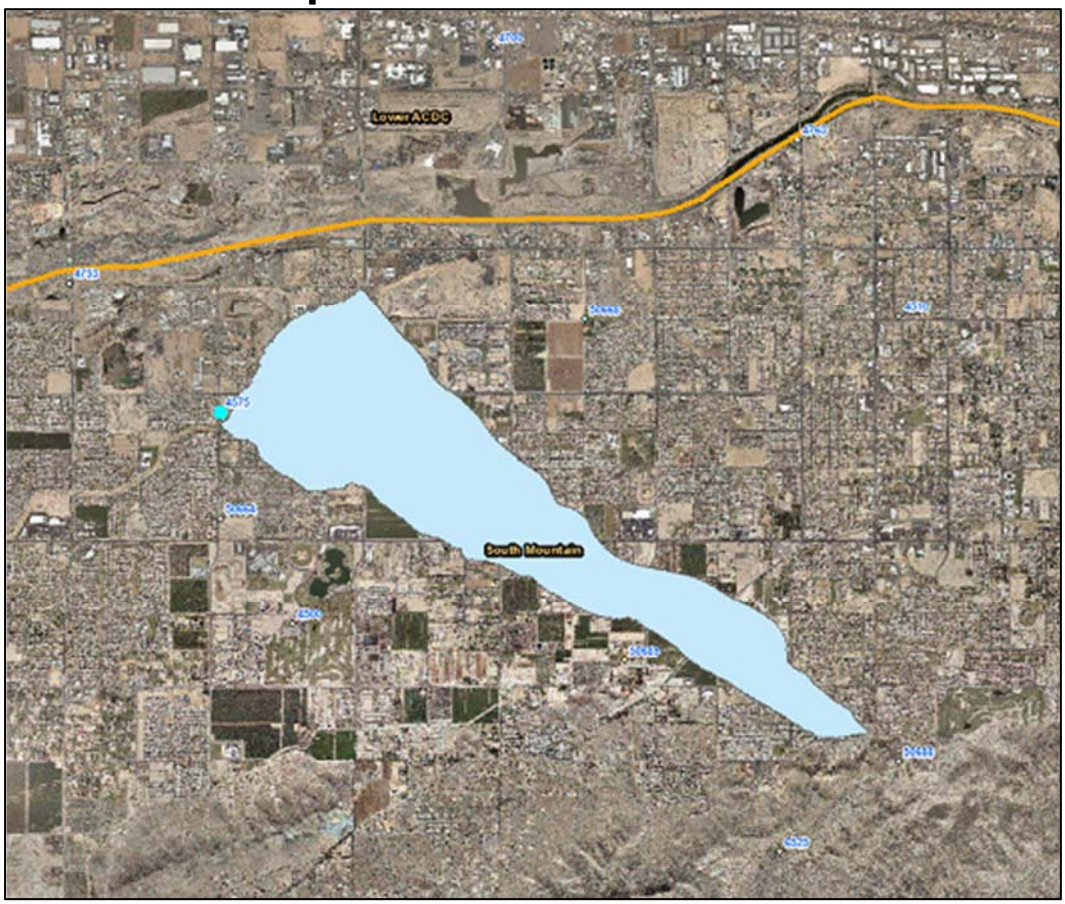
Laveen Basin, ID #4578

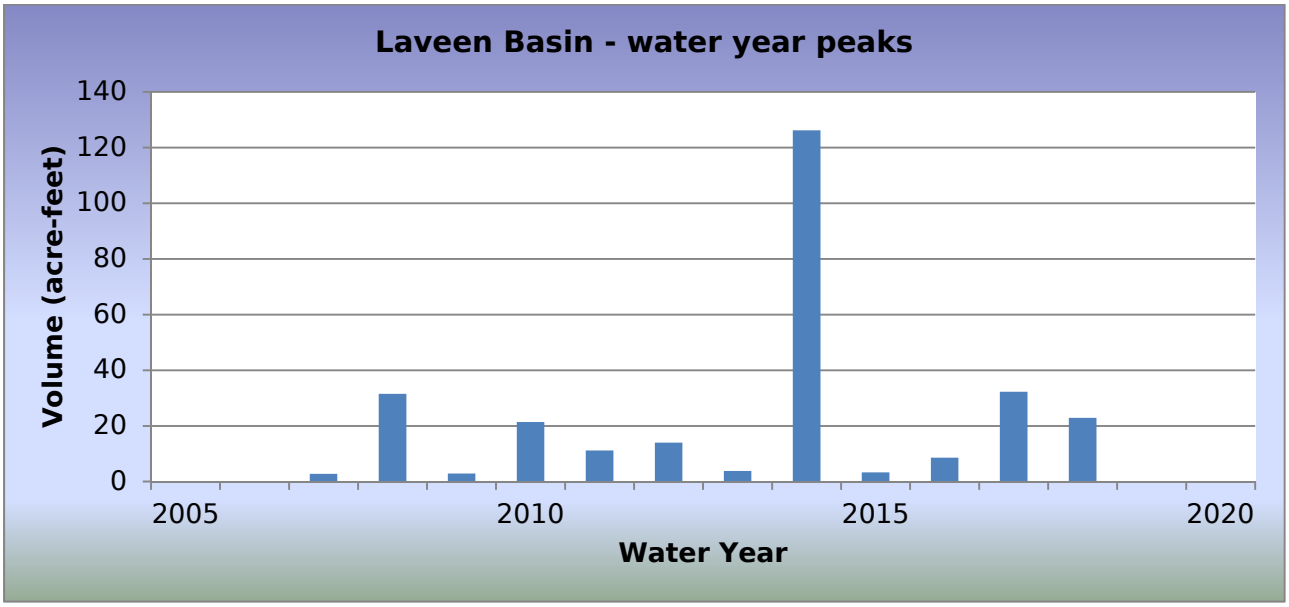


Site Data

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	11.90 Years | 4,346 Days
DATA GAPS IN POR	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.20 feet Gage Height
ZERO GAGE HEIGHT ELEVATION	1,003.12 feet NAVD88
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

Watershed Map

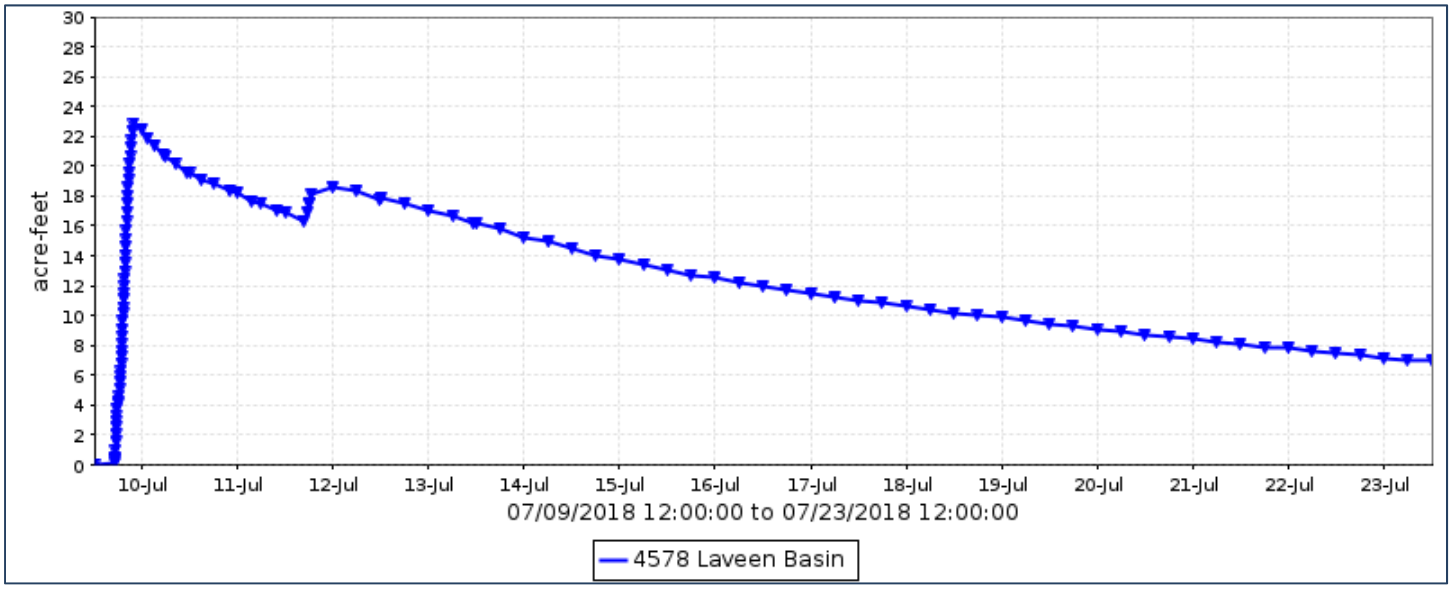




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
01/10/2018	0.97	0.1	0.1
02/14/2018	1.25	0.2	0.2
07/09/2018	7.77	22.9	18.2
08/12/2018	3.21	5.1	4.0
09/19/2018	1.62	0.4	0.4

Hydrograph of peak WY 2018 impoundment event, 07/09/2018



Laveen Basin, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1											9	
2											3	
3												
4												
5												
6												
7												
8												
9										3		
10										12		
11										12	9	
12										12	10	
13										12	10	
14										12	8	
15										12	7	
16										12	7	
17										12	6	
18										12	6	
19										12	4	
20										12	2	
21										12	3	
22										12	7	
23										12	7	
24										12	7	
25										11	6	
26										11	6	
27										10	6	
28										10	6	
29					---					10	2	
30					---					9		
31		---			---		---		---	9		---
TOTAL	0	0	0	0	0	0	0	0	0	253	131	0
MEAN	0	0	0	0	0	0	0	0	0	8	4	0
MAX	0	0	0	0	0	0	0	0	0	12	10	2
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	0	0	1	503	259	0

WTR YR 2018 TOTAL 385 MEAN 1 MAX 12 MIN 0 AC_FT 763

Laveen Basin, volume data

Volume, in acre-feet, Water Year October 2017 to September 2018

Daily Mean Values

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

WTR YR 2018 MEAN 1 MAX 23 MIN 0

Laveen Basin, stage data

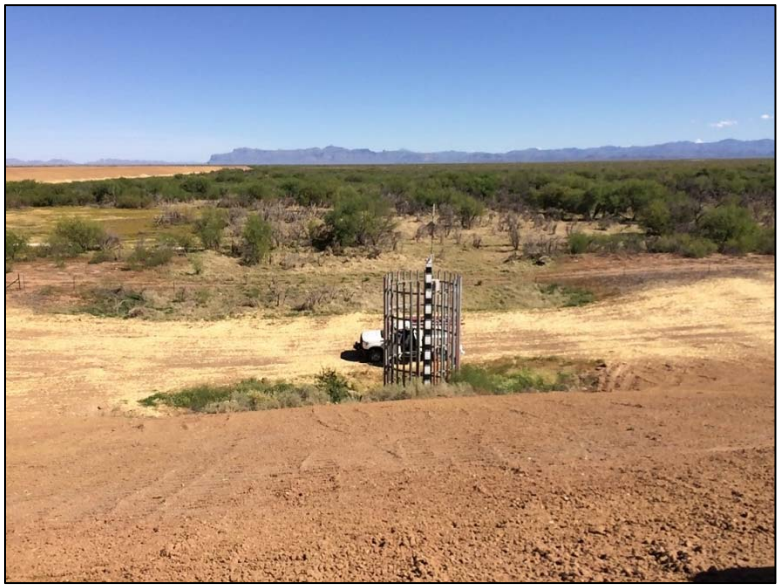
Depth, in feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.2	0.2	0.2	0.2	0.2	1.1	0.2	0.2	0.2	0.2	2.7	0.2
2	0.2	0.2	0.2	0.2	0.2	1.0	0.2	0.2	0.2	0.2	1.3	0.2
3	0.2	0.2	0.2	0.2	0.2	0.9	0.2	0.2	0.5	0.2	0.6	0.2
4	0.2	0.2	0.2	0.2	0.2	0.9	0.2	0.2	1.0	0.2	0.2	0.2
5	0.2	0.2	0.2	0.2	0.2	0.8	0.2	0.2	1.2	0.2	0.2	0.2
6	0.2	0.2	0.2	0.2	0.2	0.8	0.2	0.2	1.4	0.2	0.2	0.2
7	0.2	0.2	0.2	0.2	0.2	0.7	0.2	0.2	1.3	0.2	0.2	0.2
8	0.2	0.2	0.2	0.2	0.2	0.6	0.2	0.2	1.2	0.2	0.2	0.2
9	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	1.1	1.8	0.2	0.2
10	0.2	0.2	0.2	0.9	0.2	0.2	0.2	0.2	1.1	7.1	0.2	0.3
11	0.2	0.2	0.2	0.9	0.2	0.2	0.2	0.2	1.1	6.6	2.9	0.4
12	0.2	0.2	0.2	0.8	0.2	0.2	0.2	0.2	1.0	6.7	3.2	0.3
13	0.2	0.2	0.2	0.6	0.2	0.2	0.2	0.2	0.4	6.3	3.1	0.2
14	0.2	0.2	0.2	0.2	0.5	0.2	0.2	0.2	0.2	5.9	2.5	0.2
15	0.2	0.2	0.2	0.2	1.2	0.2	0.2	0.2	0.2	5.6	2.1	0.2
16	0.2	0.2	0.2	0.2	1.1	0.2	0.2	0.2	0.2	5.3	2.0	0.2
17	0.2	0.2	0.2	0.2	1.0	0.2	0.2	0.2	0.2	5.0	1.9	0.2
18	0.2	0.2	0.2	0.2	0.9	0.2	0.2	0.2	0.2	4.8	1.8	0.2
19	0.2	0.2	0.2	0.2	0.9	0.2	0.2	0.2	0.2	4.5	1.7	0.6
20	0.2	0.2	0.2	0.2	0.8	0.2	0.2	0.2	0.2	4.3	1.6	1.1
21	0.2	0.2	0.2	0.2	0.8	0.2	0.2	0.2	0.2	4.1	1.7	1.1
22	0.2	0.2	0.2	0.2	0.7	0.2	0.2	0.2	0.2	4.0	2.1	1.1
23	0.2	0.2	0.2	0.2	0.7	0.2	0.2	0.2	0.2	3.8	2.0	1.0
24	0.2	0.2	0.2	0.2	0.7	0.2	0.2	0.2	0.2	3.6	2.0	1.0
25	0.2	0.2	0.2	0.2	0.6	0.2	0.2	0.2	0.2	3.5	1.9	0.9
26	0.2	0.2	0.2	0.2	0.6	0.2	0.2	0.2	0.2	3.3	1.9	0.9
27	0.2	0.2	0.2	0.2	0.6	0.2	0.2	0.2	0.2	3.2	1.9	0.9
28	0.2	0.2	0.2	0.2	1.1	0.2	0.2	0.2	0.2	3.1	1.8	0.8
29	0.2	0.2	0.2	0.2	---	0.2	0.2	0.2	0.2	3.0	1.2	0.8
30	0.2	0.2	0.2	0.2	---	0.2	0.2	0.2	0.2	2.9	0.4	0.8
31	0.2	---	0.2	0.2	---	0.2	---	0.2	---	2.9	0.2	---
MEAN	0.2	0.2	0.2	0.3	0.5	0.4	0.2	0.2	0.5	3.3	1.5	0.5
MAX	0.2	0.2	0.2	1.0	1.2	1.1	0.2	0.2	1.4	7.8	3.2	1.6
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 2018 MEAN 0.67 MAX 7.77 MIN 0.20

Magma FRS, ID #6718

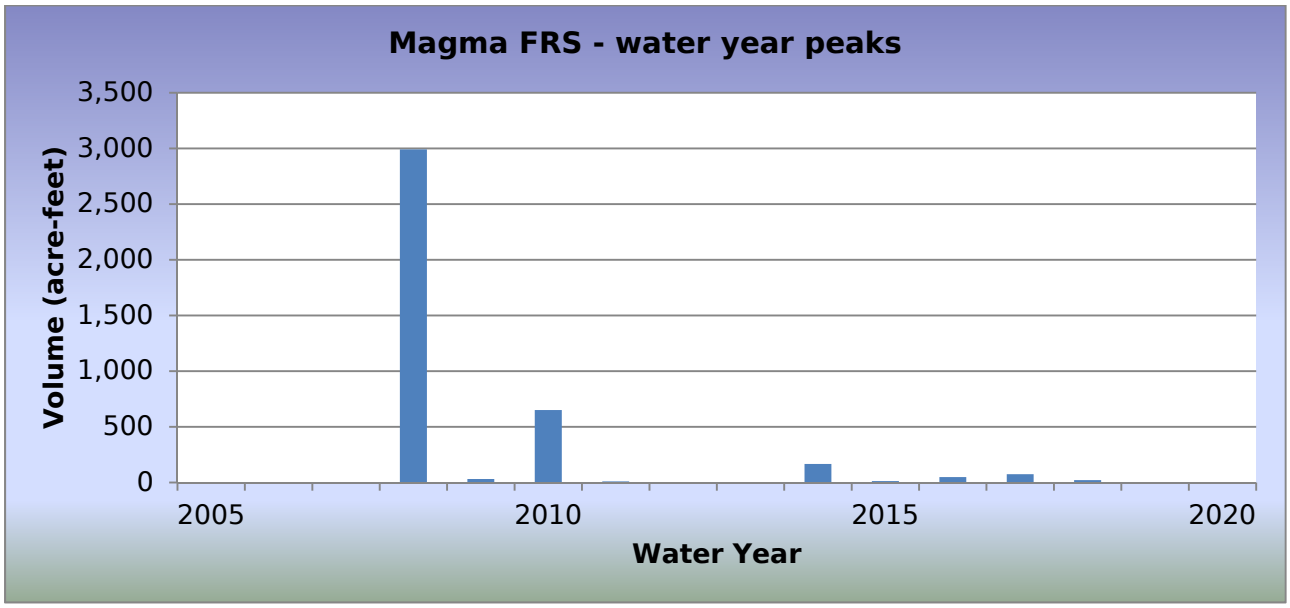


Site Data

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	10.88 Years | 3,973 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

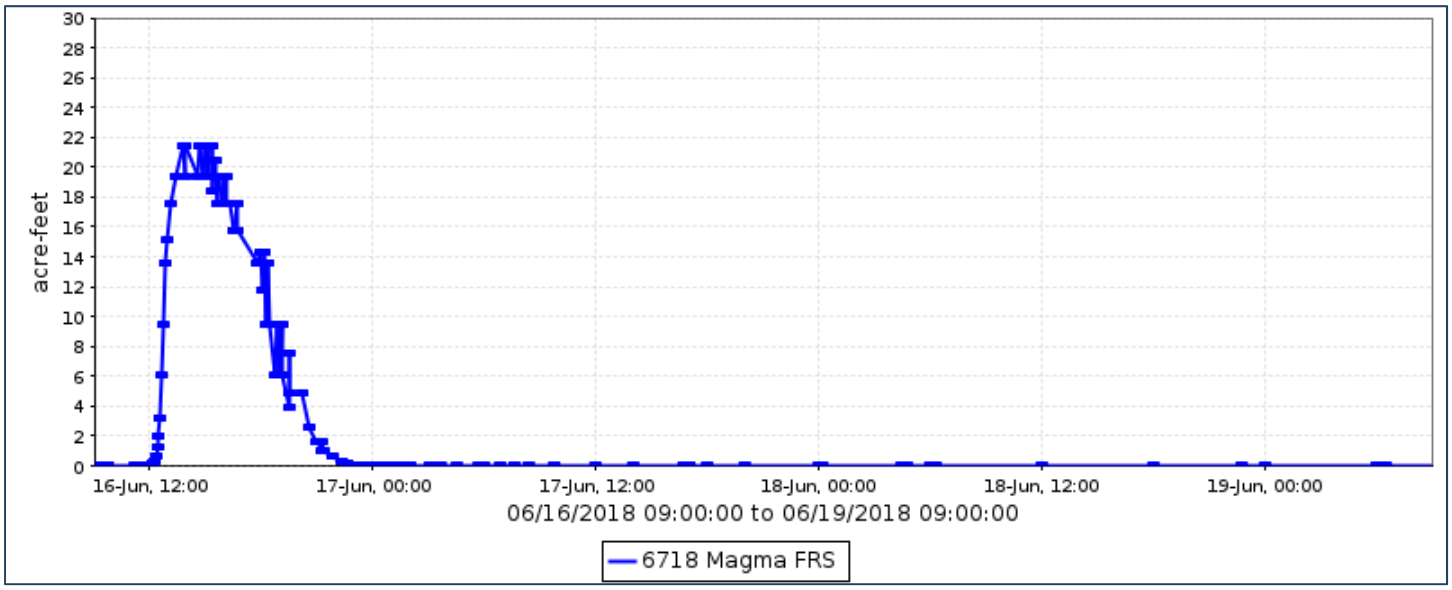




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
06/16/2018	4.46	21.4	0.5

Hydrograph of peak WY 2018 impoundment event, 06/16/2018



Magma FRS, runoff data

Discharge, in cub, Water Year October 2017 to September 2018

Daily Mean Values

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

WTR YR 2018 TOTAL 15 MEAN 0 MAX 36 MIN 0 AC_FT 31

Magma FRS, volume data

Volume, in acre-feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16									5			
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	21	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 2018 MEAN 0 MAX 21 MIN 0

Magma FRS, stage data

Depth, in feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	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	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	2.3	0.8	0.8	0.8
17	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.3	0.8	0.8	0.8
18	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	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
28	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
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	0.9	0.8	0.8	0.8
MAX	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	4.5	0.8	0.8	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 2018 MEAN 0.81 MAX 4.46 MIN 0.80

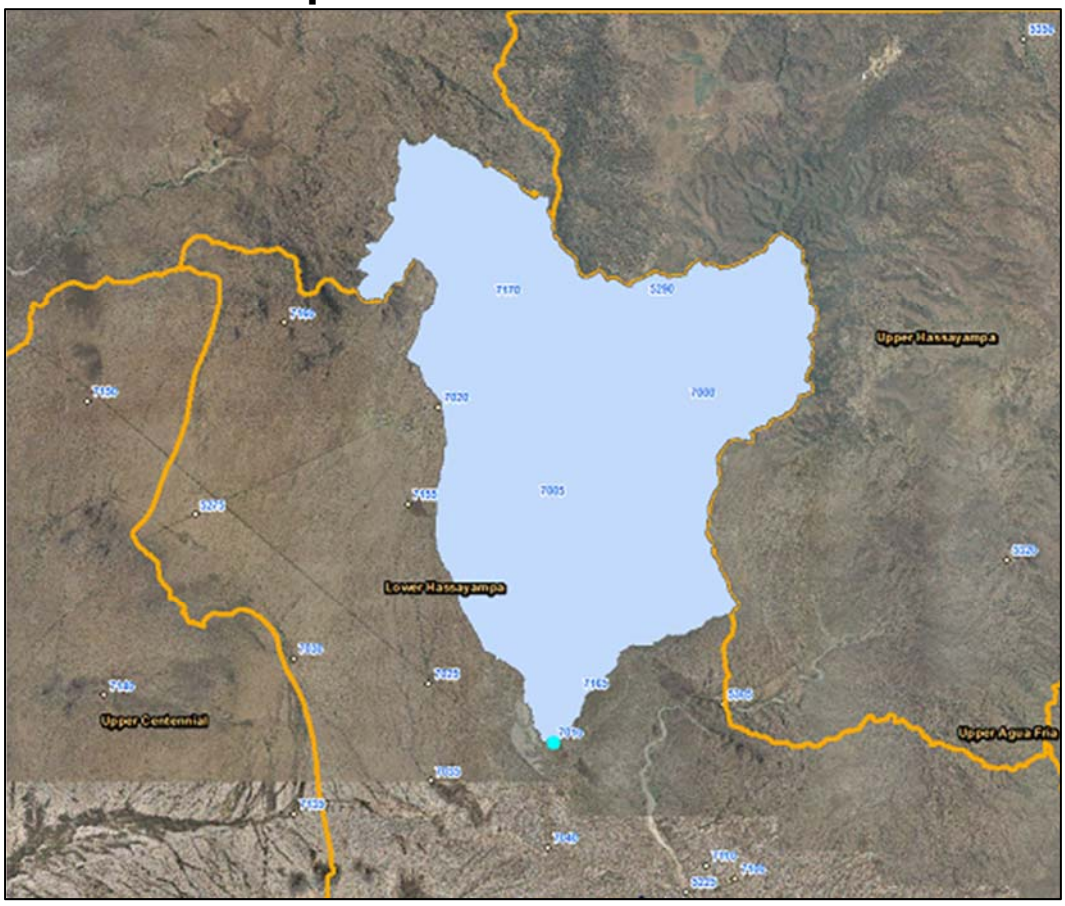
Martinez Creek, ID #7013

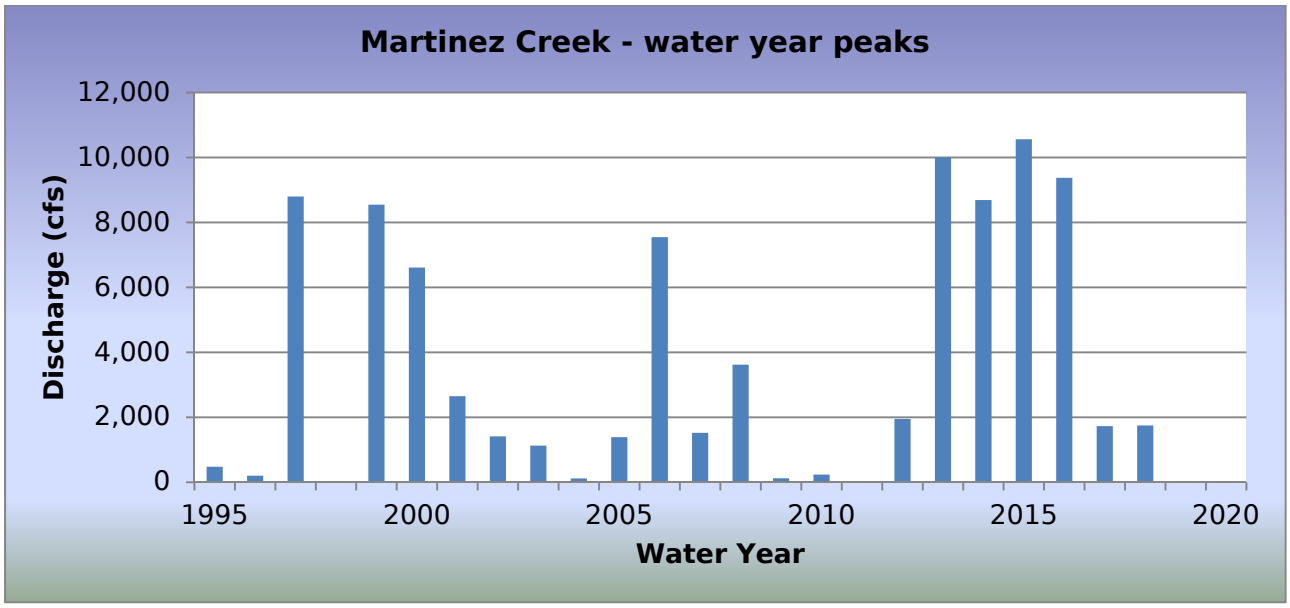


Site Data

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	23.85 Years | 8,713 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

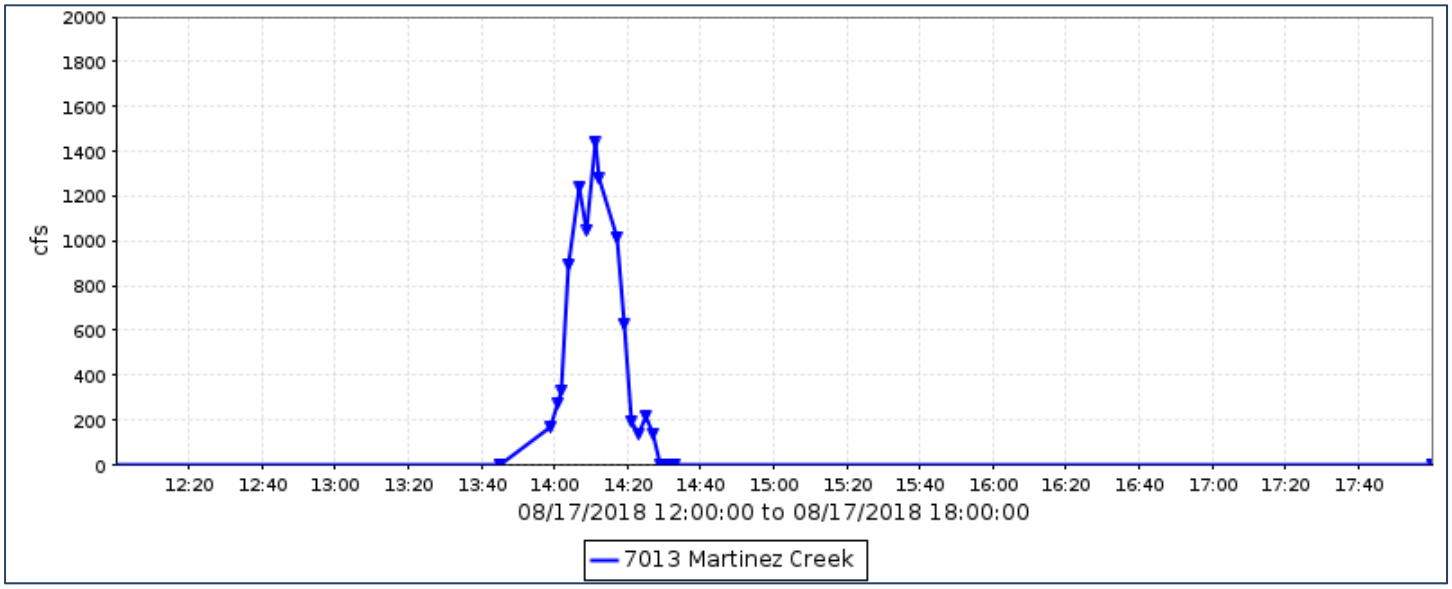




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
07/12/2018	3.15	191
08/14/2018	3.45	281
08/17/2018	4.70	1,442
08/22/2018	5.05	1,749

Hydrograph of peak WY 2018 flow event, 08/22/2018



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**
1,780	**6,300**	**11,500**	**18,300**	**30,000**	**41,000**

NOTE: These results are based on limited data.

Martinez Creek, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3								27				
4								56				
5								84				
6								84				
7								84				
8								57				
9								28				
10								57				
11								57				
12										5		
13								54				
14								57			5	
15								57				
16								84				
17								57			15	
18								56				
19								84				
20								57				
21								28				
22								54			56	
23								56				
24								57				
25								84				
26								84				
27								57				
28								85				
29					---			111				
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	0	0	0	0	1654	0	5	76	0
MEAN	0	0	0	0	0	0	0	53	0	0	2	0
MAX	0	0	0	0	0	0	0	114	0	191	1906	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	0	3281	0	9	150	0

WTR YR 2018 TOTAL 1735 MEAN 5 MAX 1906 MIN 0 AC_FT 3441

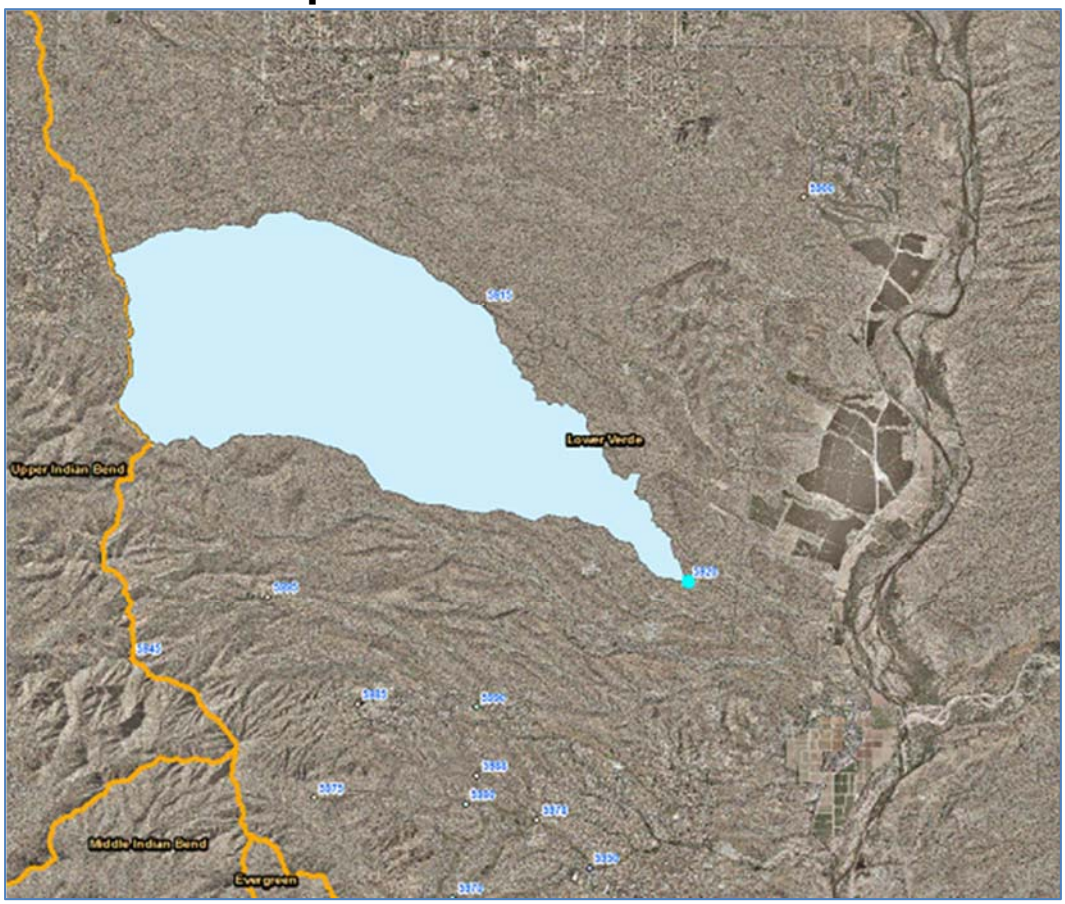
McDowell Mountain Road, ID #5923

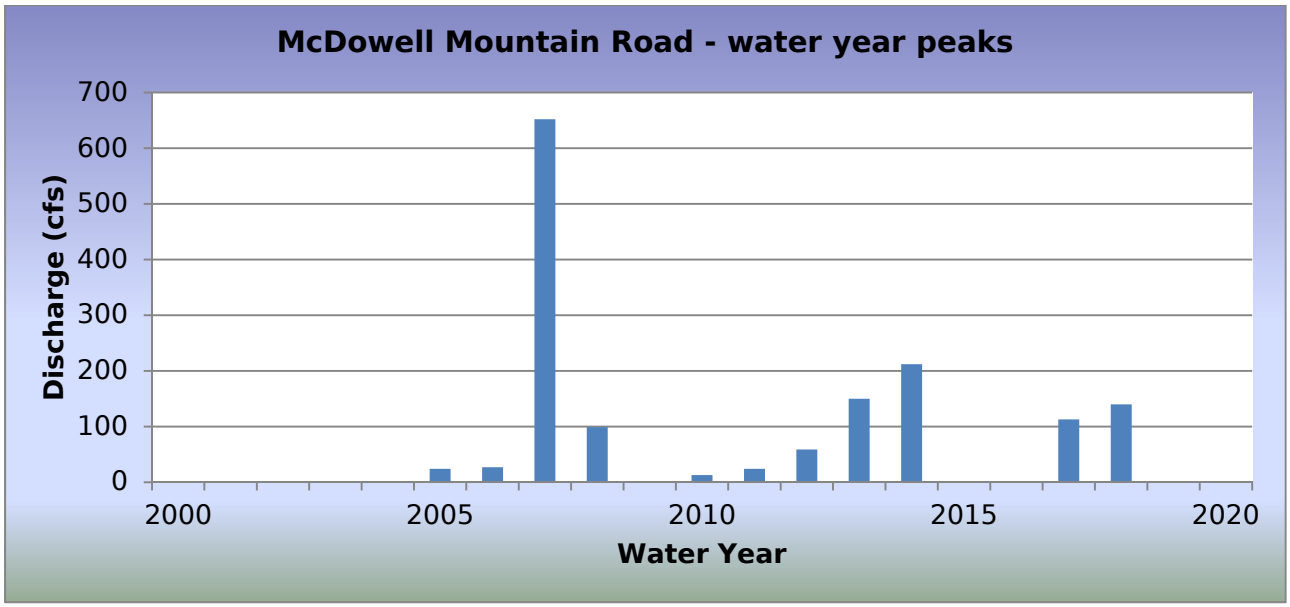


Site Data

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	14.37 Years | 5,249 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

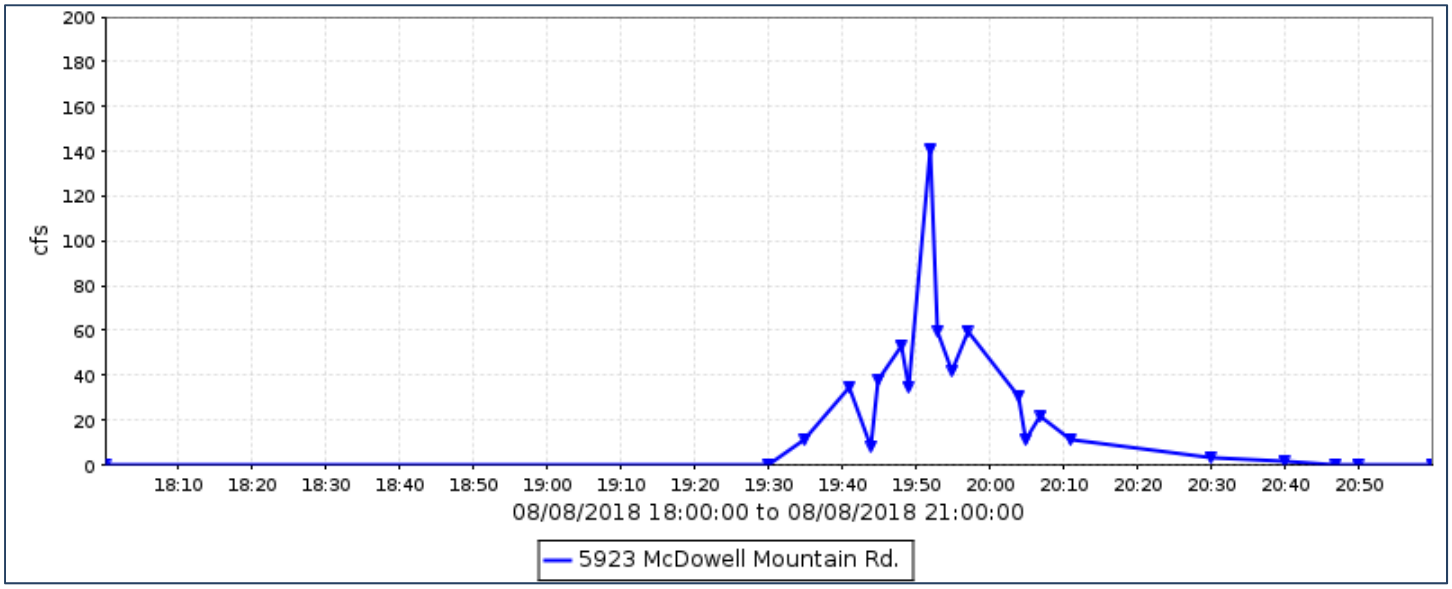




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
08/08/2018	0.80	140

Hydrograph of peak WY 2018 flow event, 08/08/2018



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**
42	**142**	**266**	**443**	**783**	**1,140**

NOTE: These results are based on very limited data.

McDowell Mountain Road, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

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

WTR YR 2018 TOTAL 1 MEAN 0 MAX 140 MIN 0 AC_FT 2

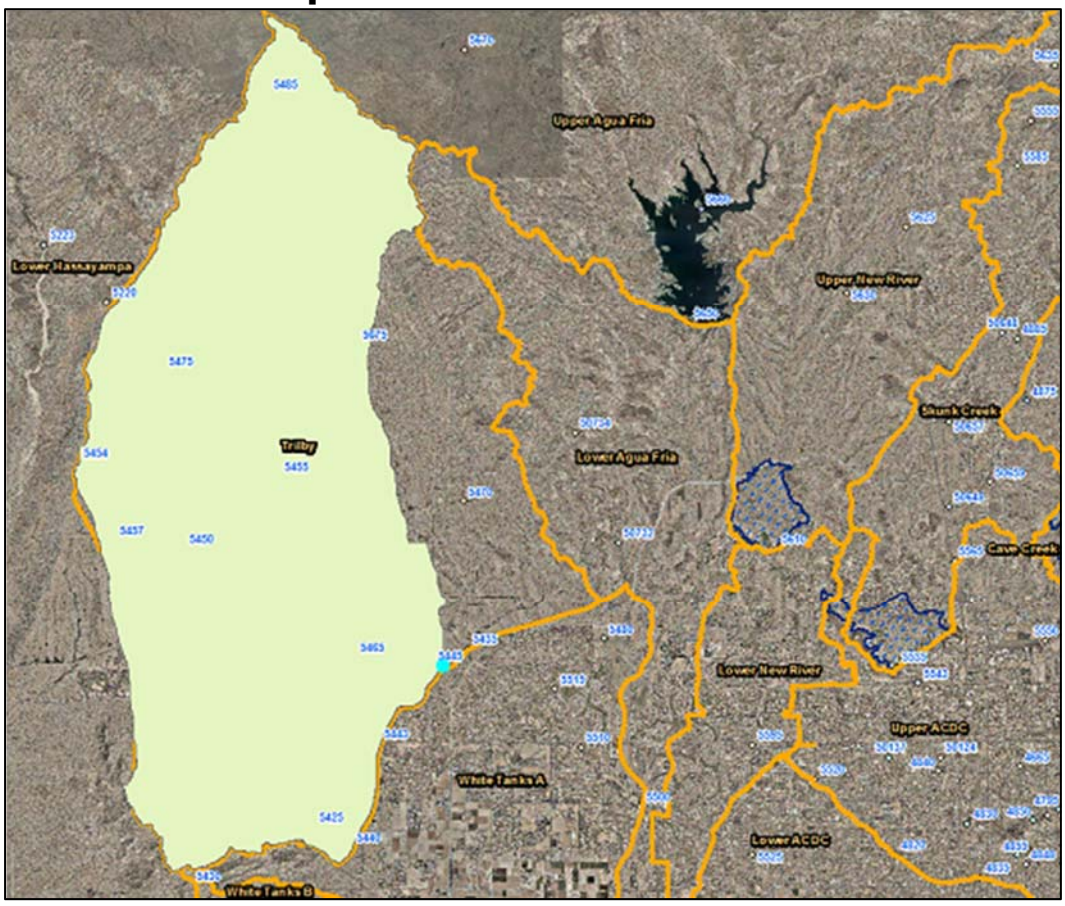
McMicken Dam at Bell Road, ID #5443

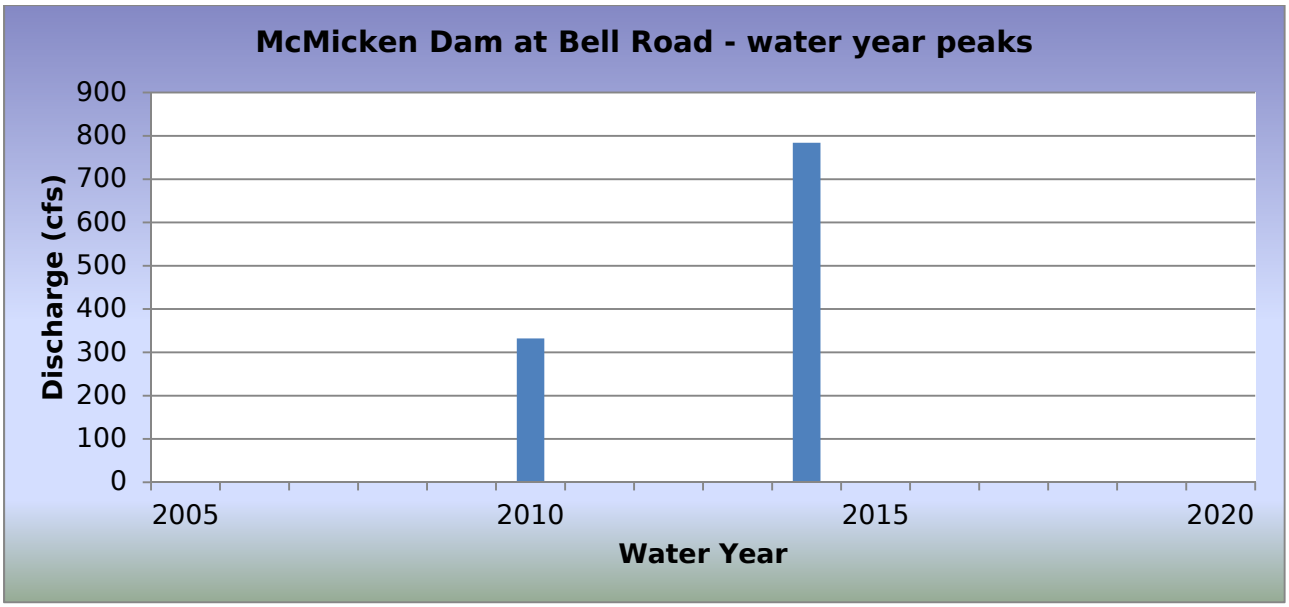


Site Data

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	9.58 Years | 3,498 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	1,335.68 feet NAVD88
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





WY2018 Events

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

Hydrograph of peak WY 2018 flow event

There was no runoff recorded in Water Year 2018.

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 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
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 2018 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

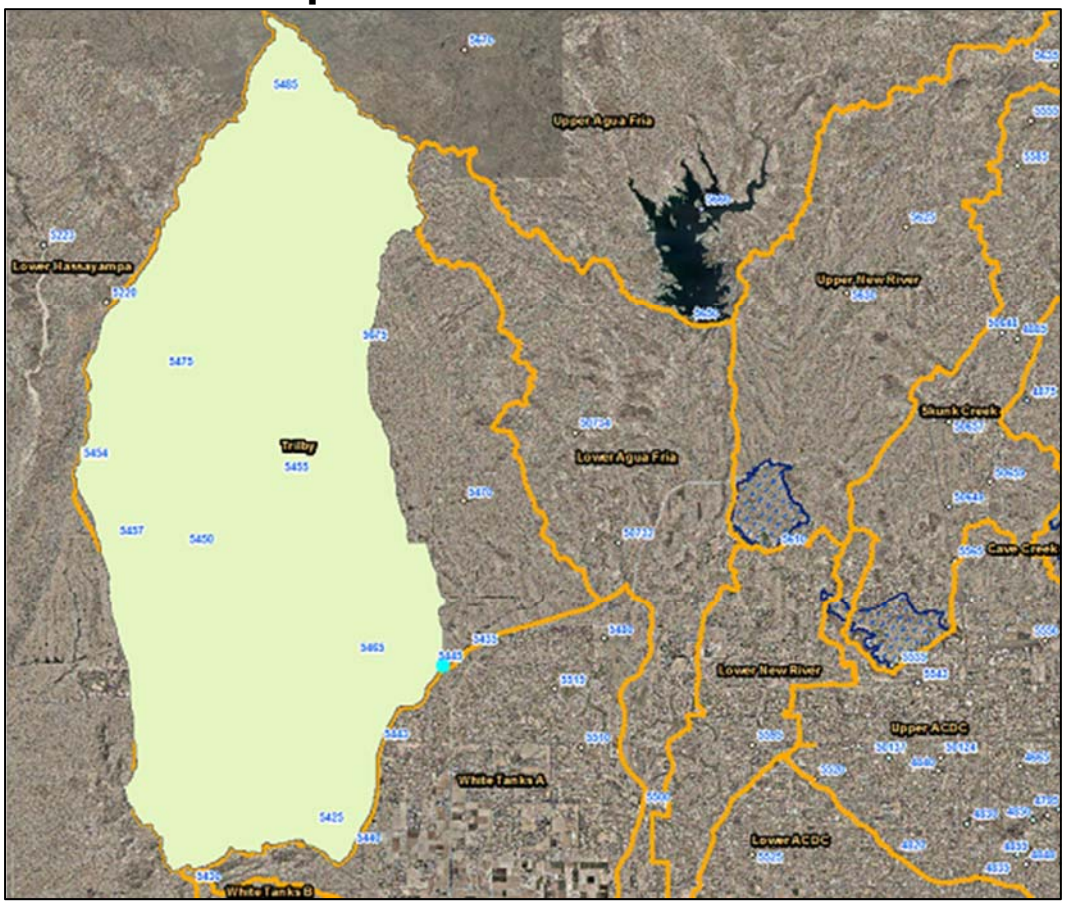
McMicken Dam, ID #5448

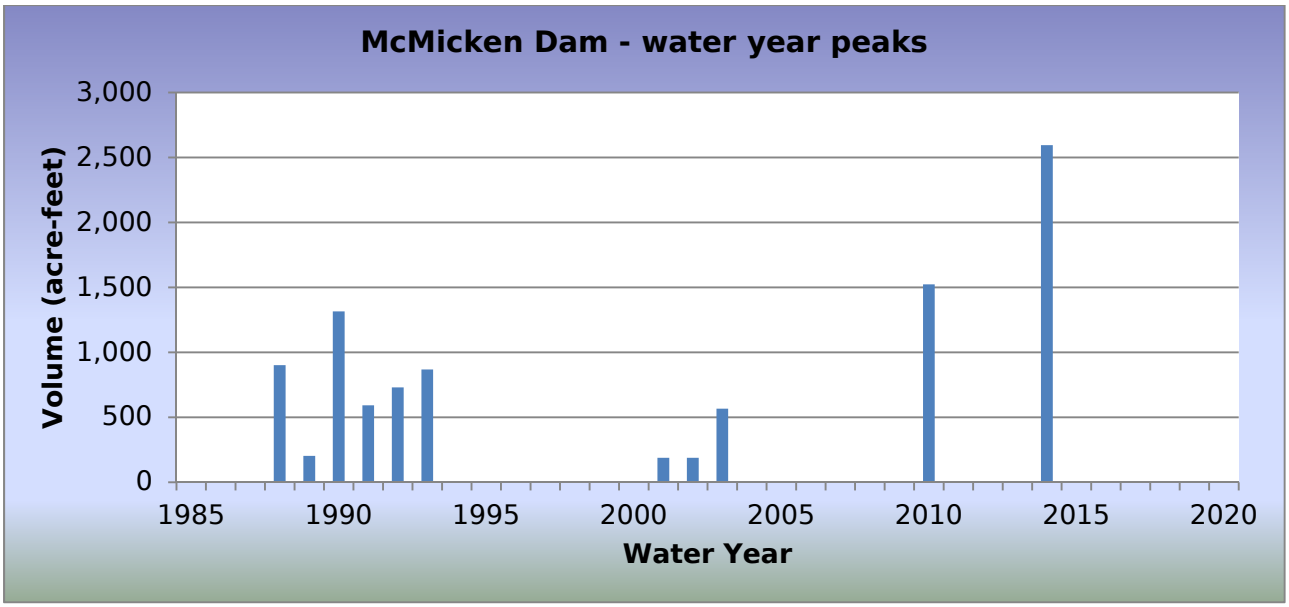


Site Data

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	30.62 Years | 11,183 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





WY2018 Events

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

Hydrograph of peak WY 2018 impoundment event

There were no impoundments recorded in Water Year 2018.

McMicken Dam, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
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 2018 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

McMicken Dam, volume data

Volume, in acre-feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
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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 2018 MEAN 0 MAX 0 MIN 0

McMicken Dam, stage data

Depth, in feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	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 2018 MEAN 1.60 MAX 1.60 MIN 1.60

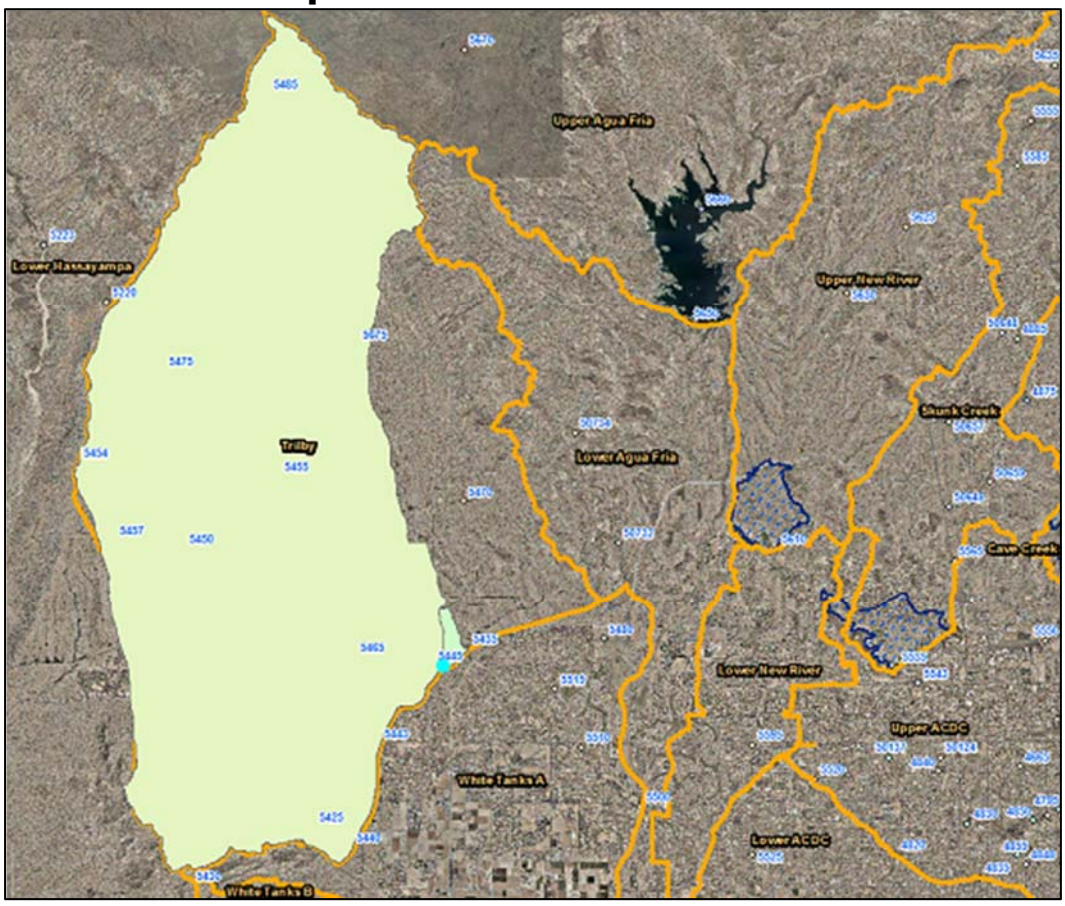
McMicken Floodway, ID #5438

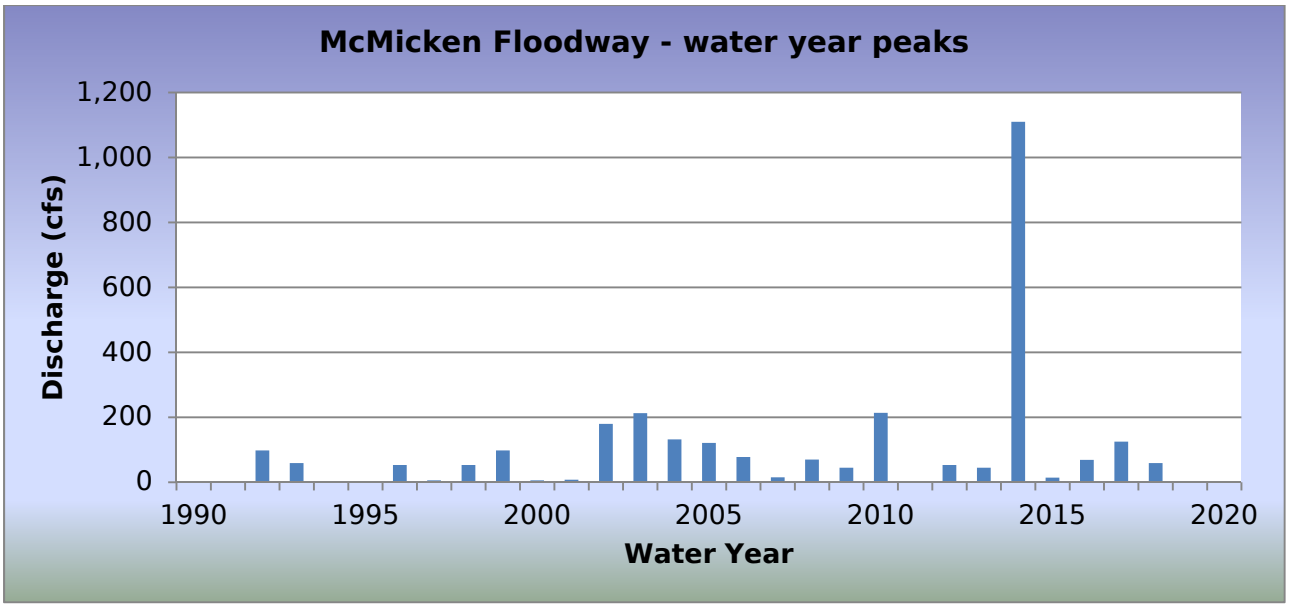


Site Data

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	26.37 Years | 9,631 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	1,325.07 feet NAVD88
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

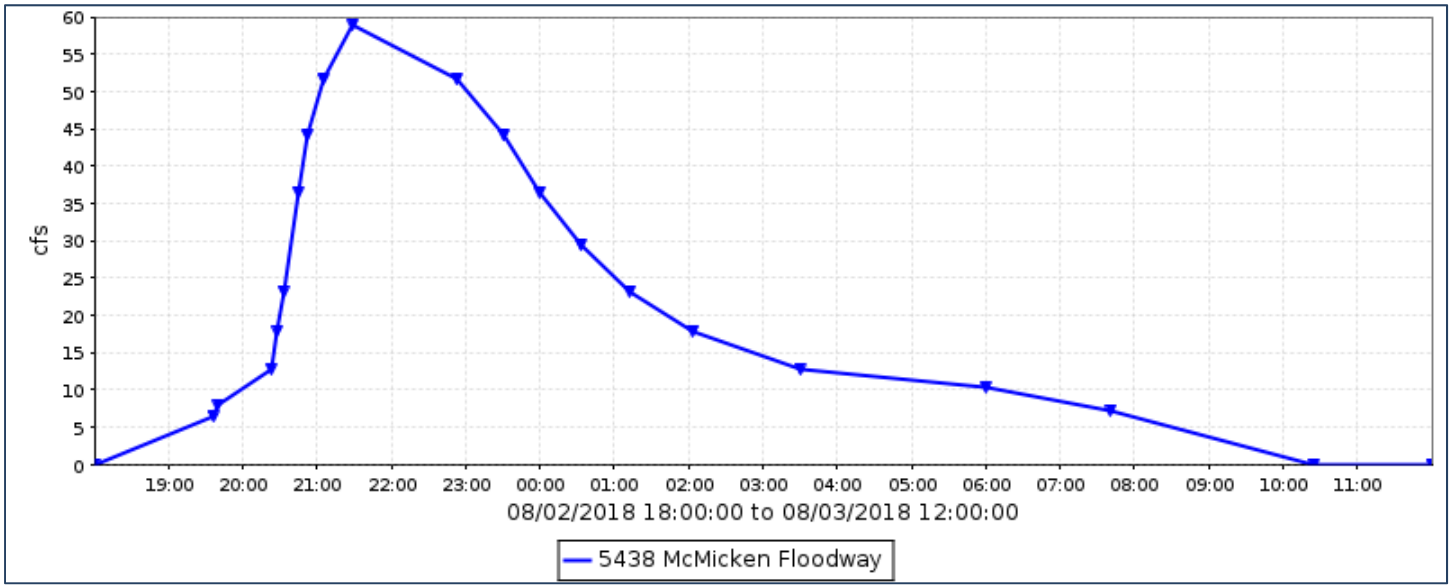




WY2018 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
08/02/2018	1.15	59
08/10/2018	0.75	29
08/11/2018	0.60	21

Hydrograph of peak WY 2018 flow event, 08/02/2018



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**
45	**158**	**290**	**468**	**780**	**1,080**

NOTE: These results are based on very limited data.

McMicken Floodway, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2											8	
3											6	
4												
5												
6												
7												
8												
9											2	
10											6	
11											7	
12												
13												
14												
15												
16												
17												
18								1				
19								10				
20												
21												
22												
23												
24												
25											3	
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	0	0	0	0	11	0	0	33	0
MEAN	0	0	0	0	0	0	0	0	0	0	1	0
MAX	0	0	0	0	0	0	0	52	0	0	59	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	0	21	0	0	65	0

WTR YR 2018 TOTAL 43 MEAN 0 MAX 59 MIN 0 AC_FT 86

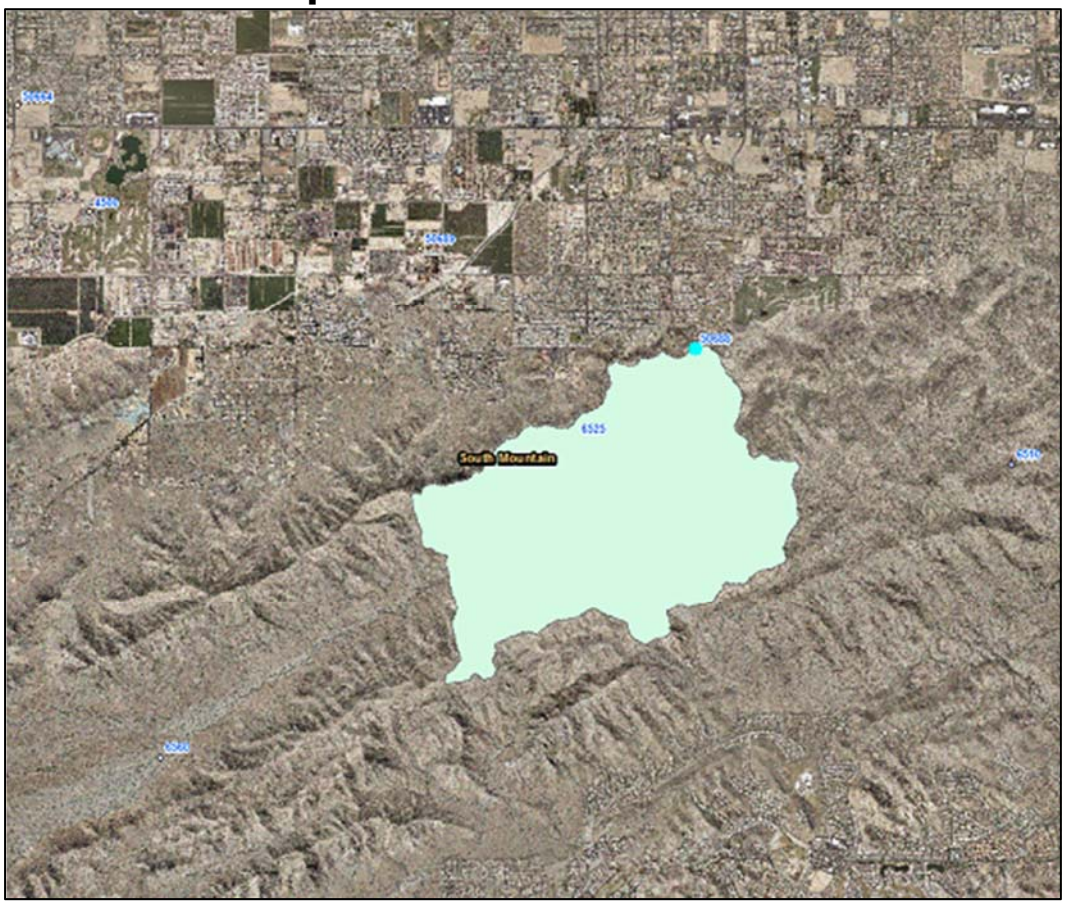
Mineral Canyon Basin, ID #68807

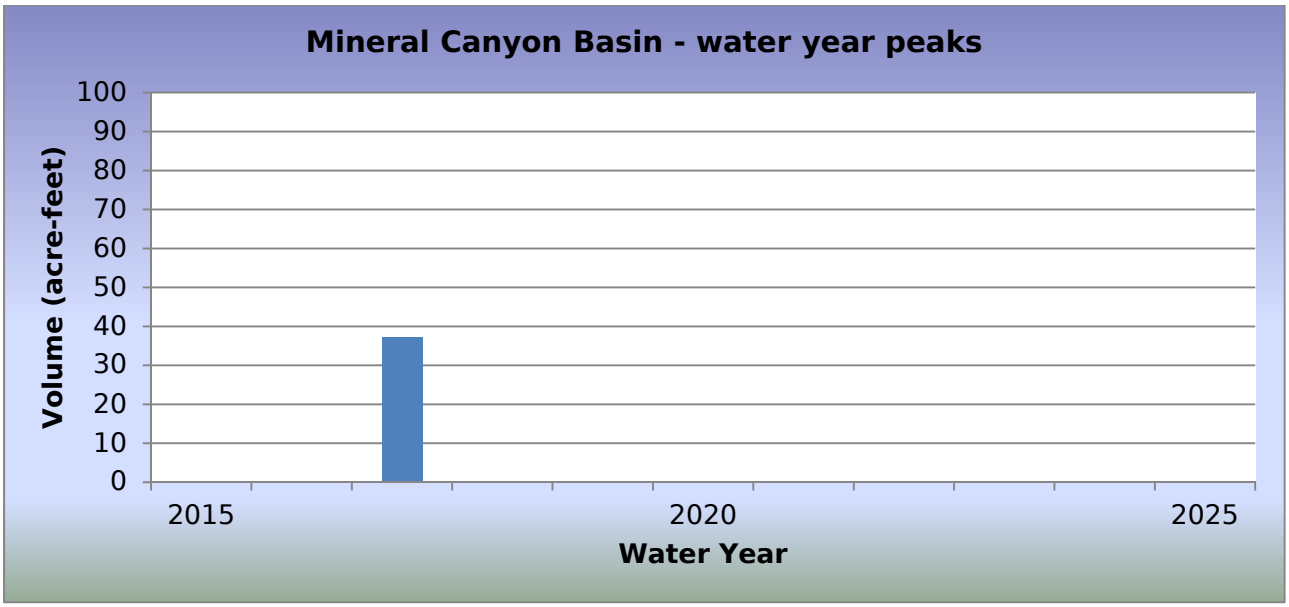


Site Data

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	3.06 Years | 1,117 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





WY2018 Events

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

Hydrograph of peak WY 2018 impoundment event

No impoundments recorded in Water Year 2018.

Mineral Canyon Basin, runoff data

Discharge, in cub, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6	---											
7	---											
8	---											
9												
10												
11												
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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 2018 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

Mineral Canyon Basin, volume data

Volume, in acre-feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6	---											
7	---											
8	---											
9												
10												
11												
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24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	1	0	0	0	0	0	1	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 2018 MEAN 0 MAX 1 MIN 0

Mineral Canyon Basin, stage data

Depth, in feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	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
7	---	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
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	2.0	2.1	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	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 2018 MEAN 2.00 MAX 2.10 MIN 2.00

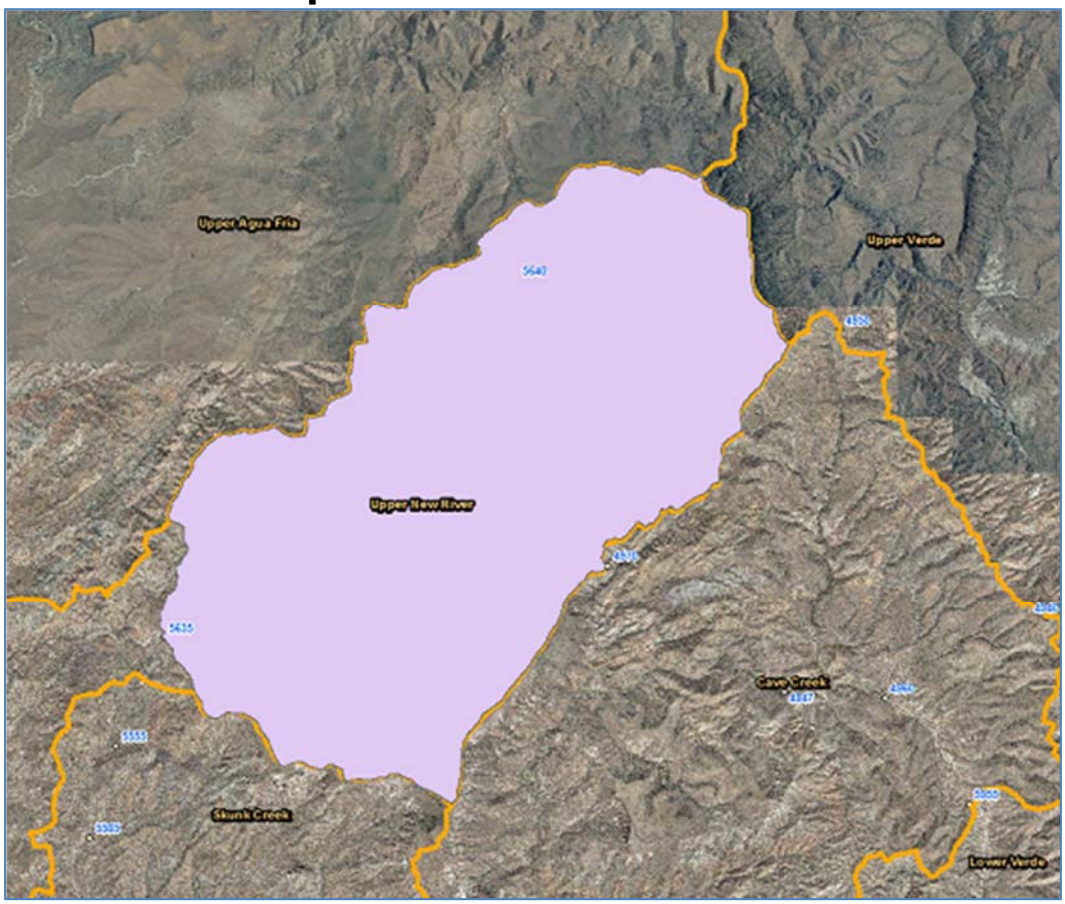
New River Fire, ID #5638

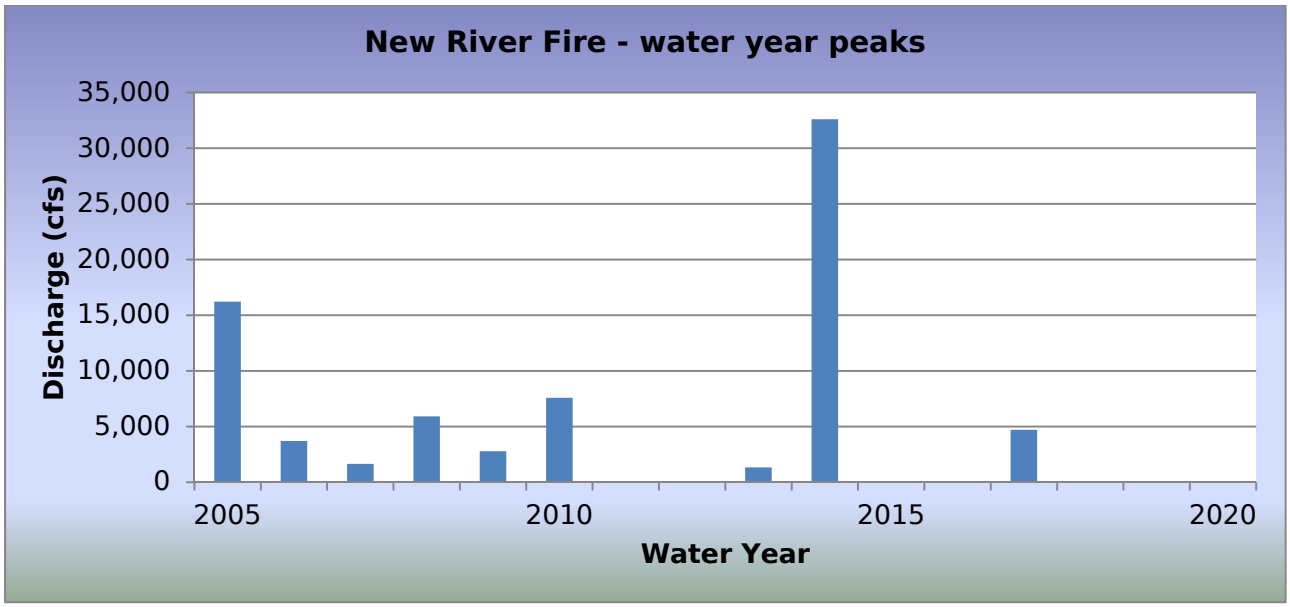


Site Data

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	13.20 Years | 4,821 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





WY2018 Events

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

Hydrograph of peak WY 2018 flow event

No recorded runoff during Water Year 2018.

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 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				---								
2				---								
3				---								
4				---								
5				---								
6				---								
7				---								
8				---								
9				---								
10				---								
11			---									
12			---									
13			---									
14			---									
15			---									
16			---									
17			---									
18			---					8				
19			---					29				
20			---									
21			---									
22			---									
23			---									
24			---									
25			---									
26			---									
27			---									
28												
29			---		---							
30			---		---							
31		---	---		---		---		---			---
TOTAL	0	0	0	0	0	0	0	37	0	0	0	0
MEAN	0	0	0	0	0	0	0	1	0	0	0	0
MAX	0	0	0	0	0	0	0	877	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	73	0	0	0	0

WTR YR 2018 TOTAL 37 MEAN 0 MAX 877 MIN 0 AC_FT 73

NOTE: Station down due to vandalism, 12/11/17 – 01/10/18.

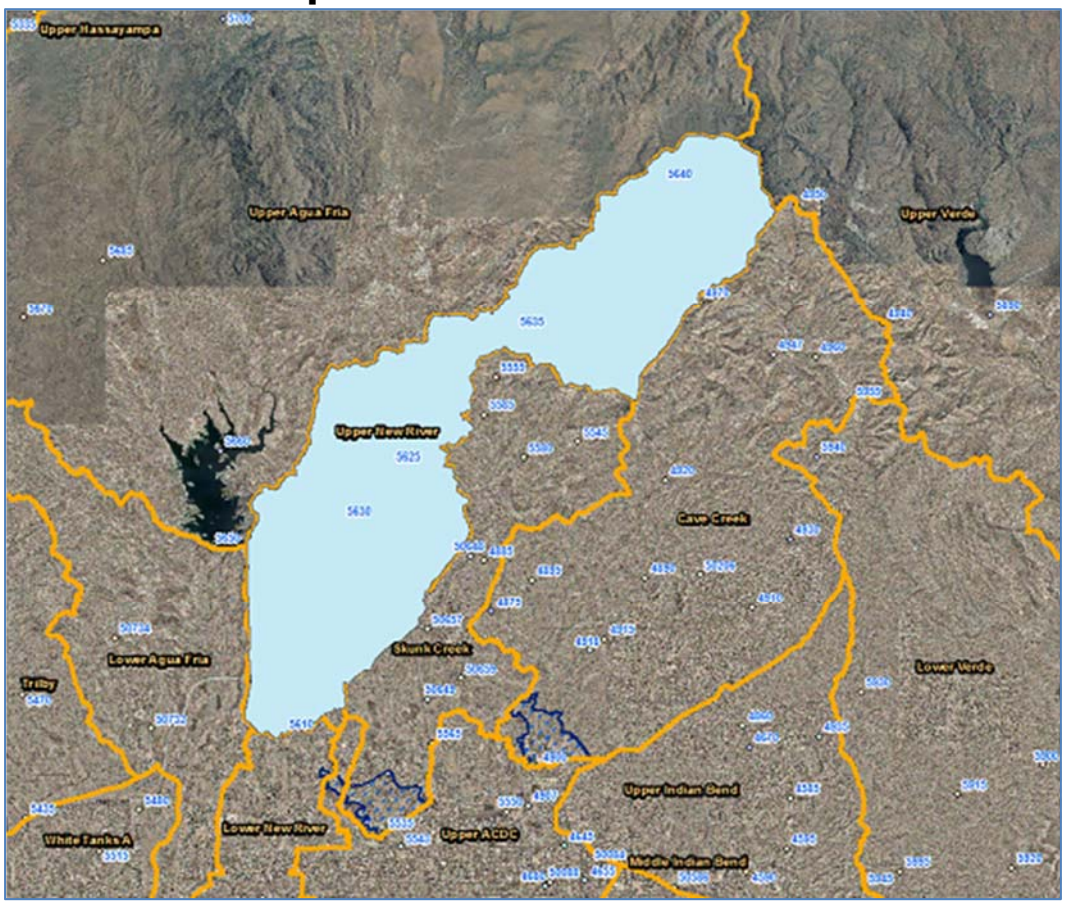
New River Dam Pool, ID #5614

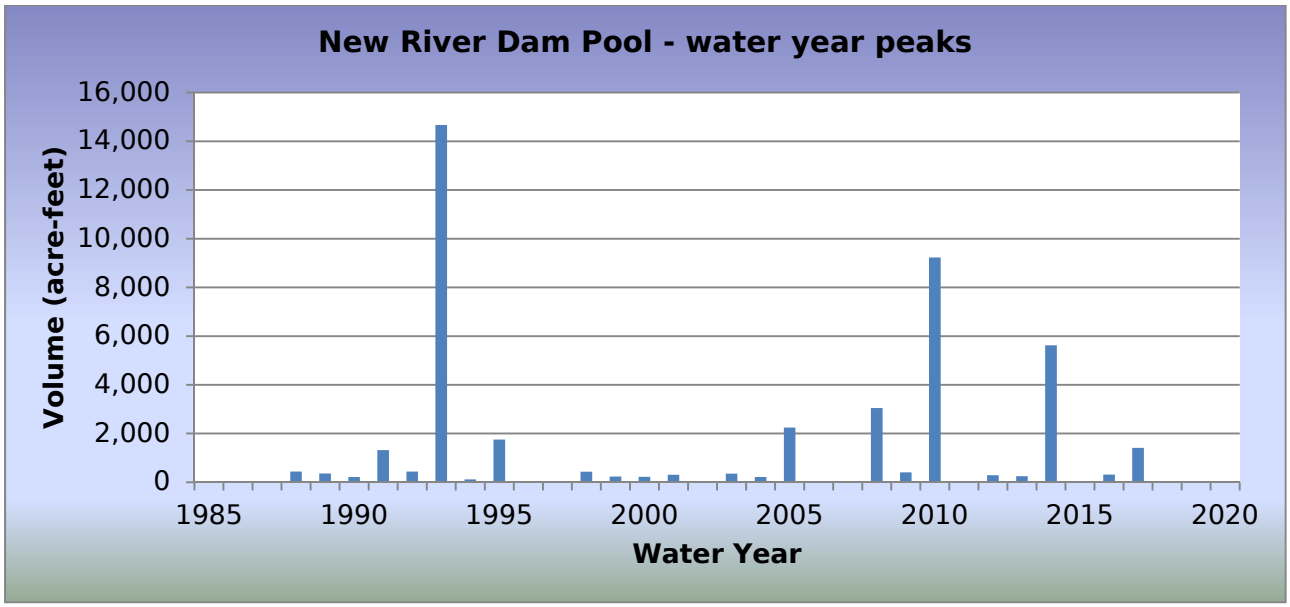


Site Data

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	30.09 Years | 10,989 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





WY2018 Events

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

Hydrograph of peak WY 2018 impoundment event

No impoundments recorded during Water Year 2018.

New River Dam Pool, volume data

Volume, in acre-feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
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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 2018 MEAN 0 MAX 0 MIN 0

New River Dam Pool, stage data

Depth, in feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
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	2.9
6	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
7	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
8	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
10	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	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	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
23	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
24	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	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	2.9	2.9	2.9	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 2018 MEAN 2.88 MAX 2.88 MIN 2.88

New River Dam Outlet, ID #5613

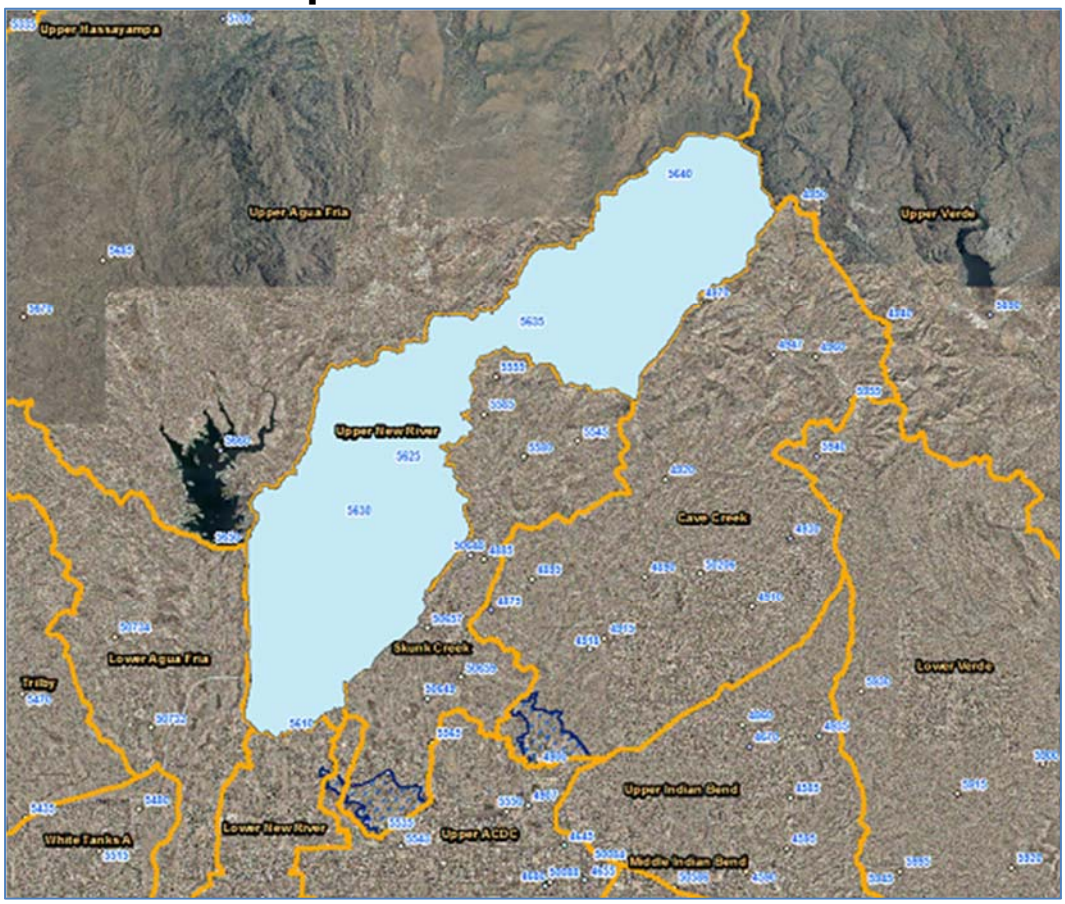


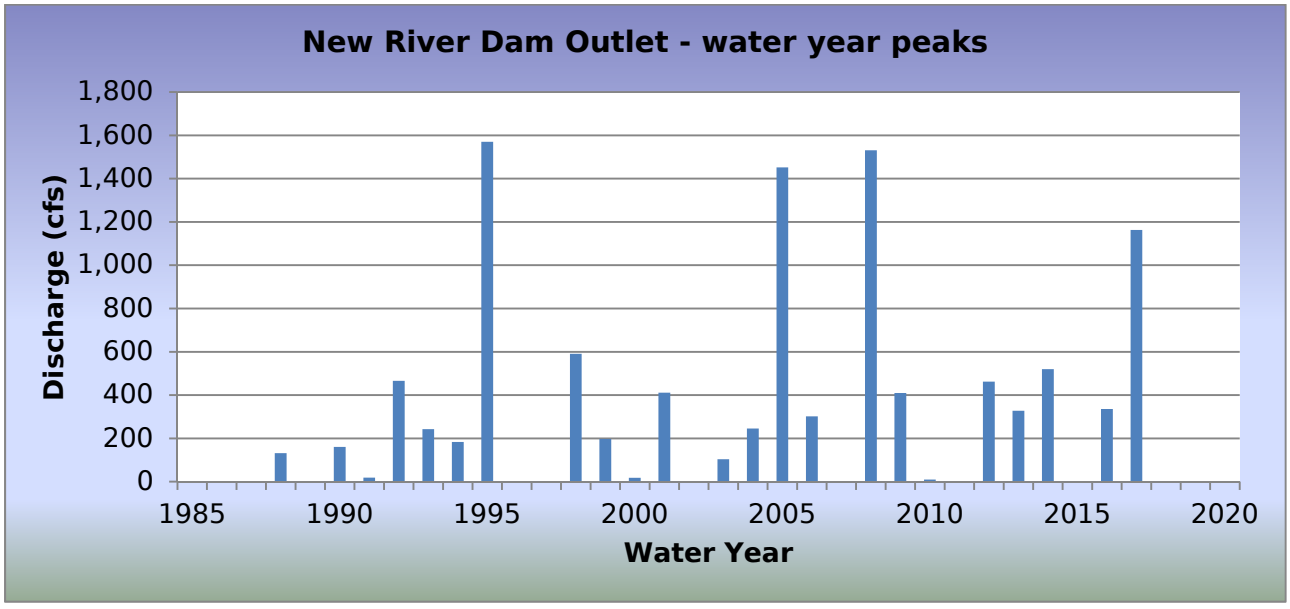
Site Data

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	30.09 Years | 10,989 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





WY2018 Events

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

Hydrograph of peak WY 2018 flow event

No recorded runoff during Water Year 2018.

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 cub, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
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 2018 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

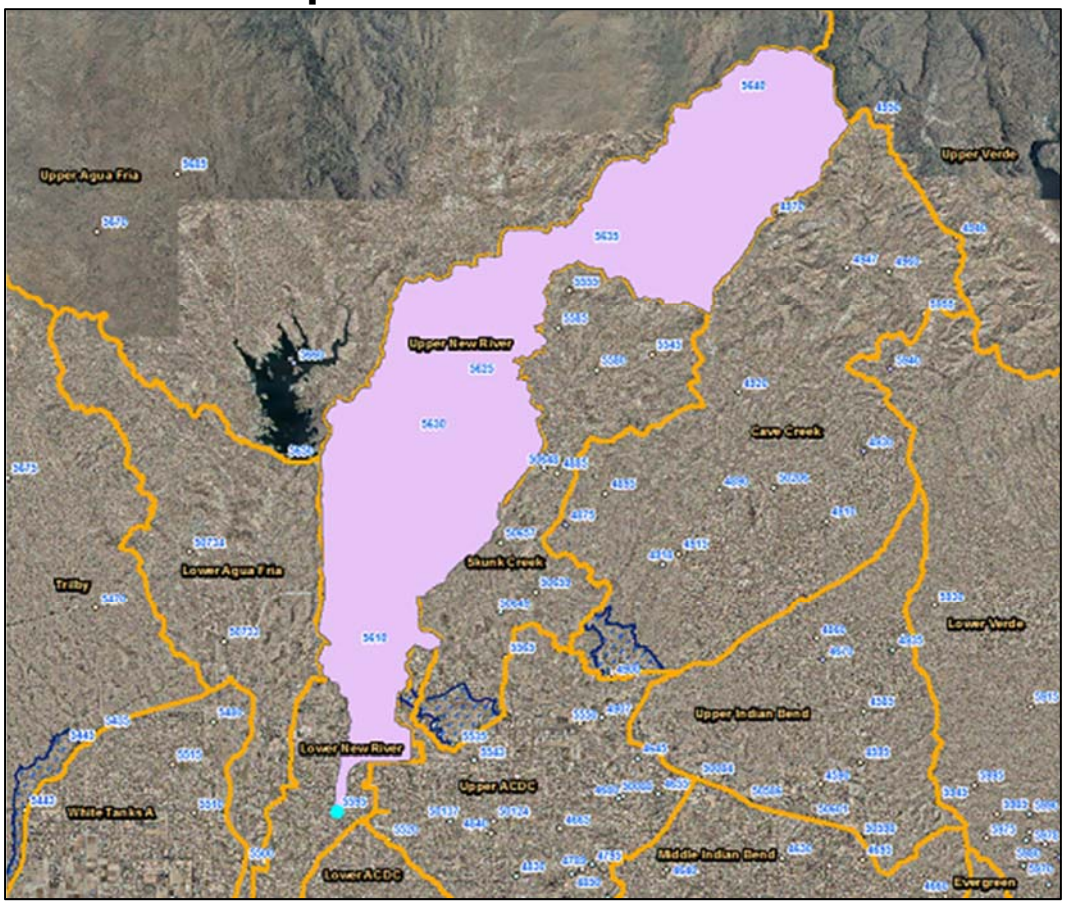
New River at Bell Road, ID #5598

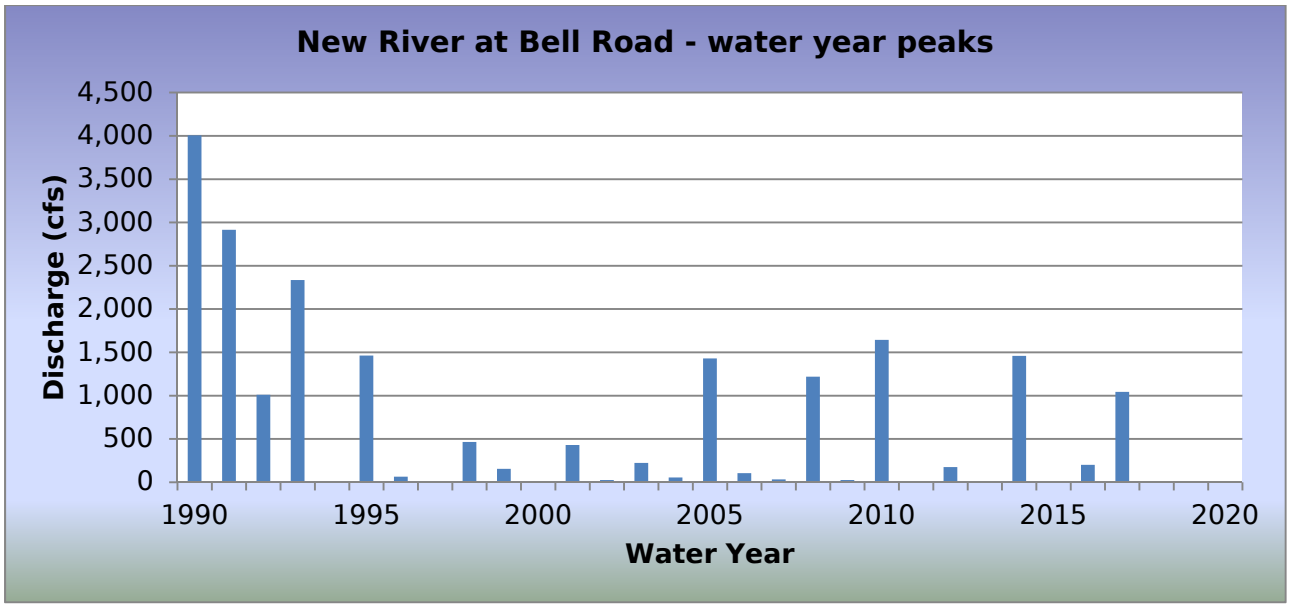


Site Data

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	28.49 Years | 10,407 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

Watershed Map





WY2018 Events

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

Hydrograph of peak WY 2018 flow event

No runoff recorded during Water Year 2018.

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**
136	**1,100**	**2,960**	**6,340**	**14,200**	**23,500**

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 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
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 2018 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

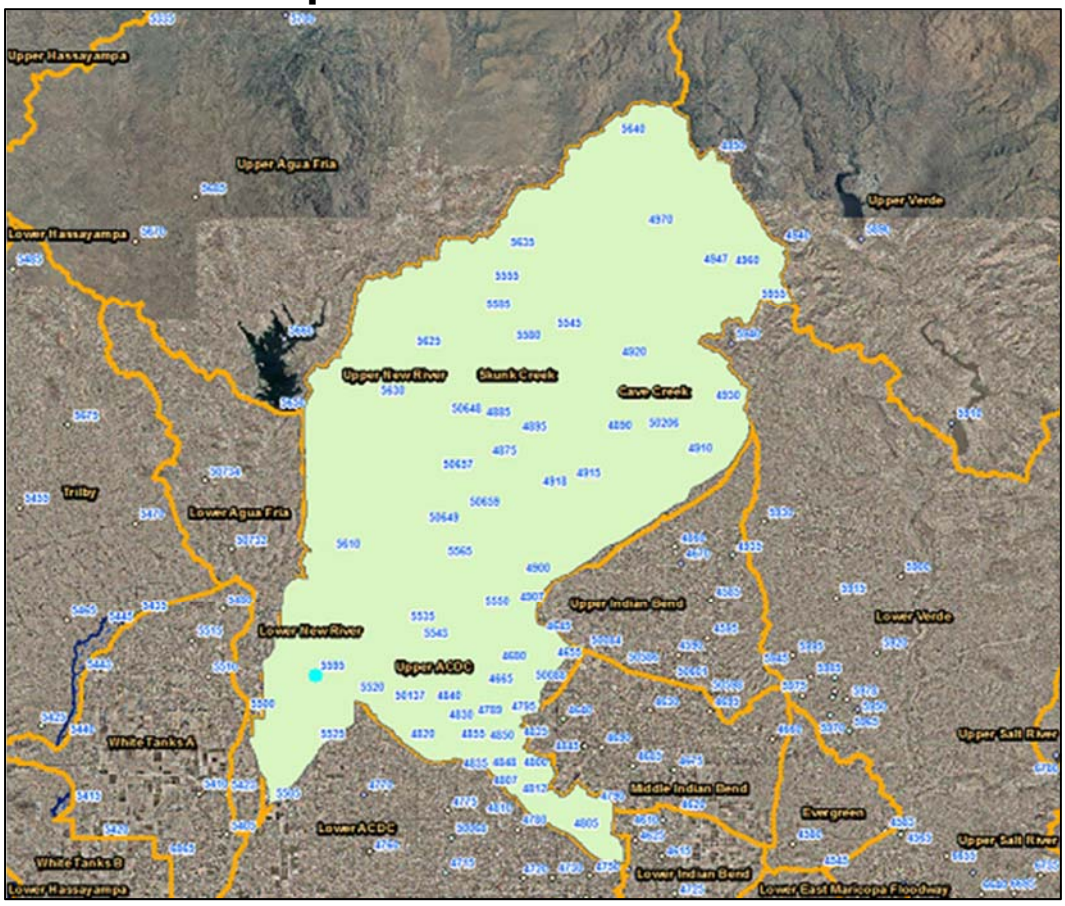
New River at Glendale Avenue, ID #5508, #61517

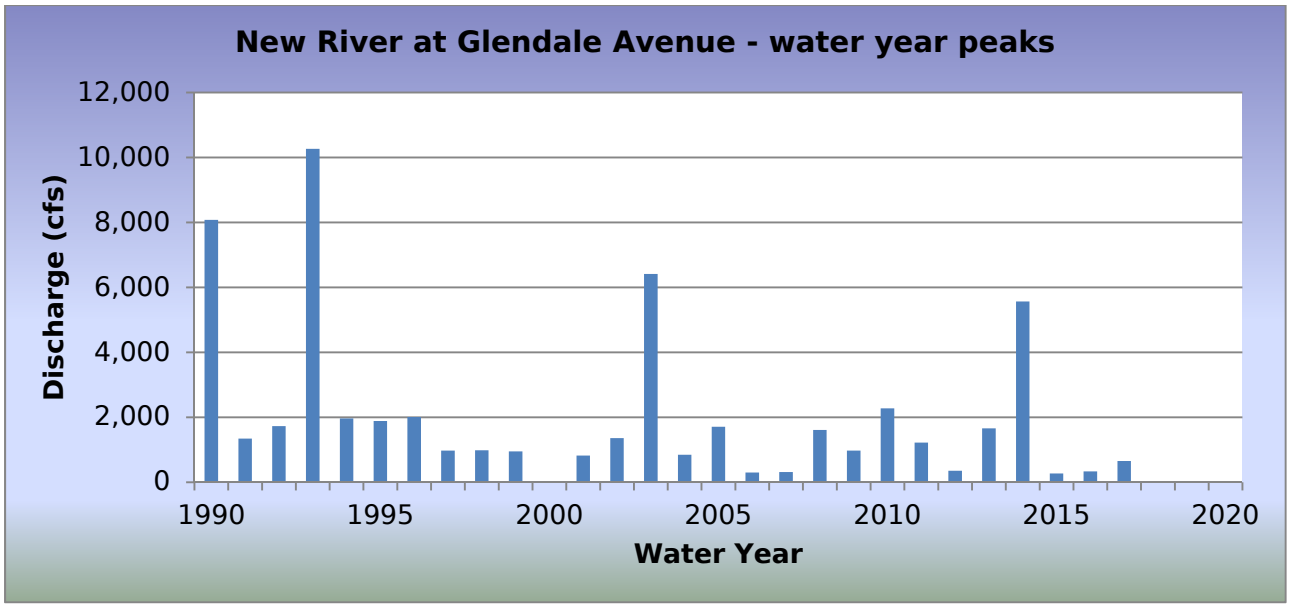


Site Data

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	28.53 Years | 10,421 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	1,045.84 feet NAVD88
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





WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
08/11/2018	1.22	40

Hydrograph of peak WY 2018 flow event, 08/11/2018

No hydrograph available.

Flood Flow Frequency

Flood Flow Frequency N=51, HEC-WRC computation (based on 51 years of data)					
2-year	**5-year**	**10-year**	**20-year**	**50-year**	**100-year**
1,230	**2,890**	**4,540**	**6,630**	**10,200**	**13,600**

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 cub, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3	3	2	2		2	3			3	3	3
2	2	2	2	1		2	2			2	2	---
3	2	2	2	3		2	2			2	3	---
4	2	3	2	2		2	3			3	3	---
5	2	3	2	2		2	4	7		2	3	2
6	2	2	2	2		1	5		2	2	3	3
7	1	2	2	2		2	5		2	3	2	2
8	2	2	2	3		2	6	7	1	4	3	3
9	2	2	2	2		2	6	7	2	3	5	3
10	2	2	2	16		2	5		3	19	4	2
11	2	2	---	3		3	5		2	9	28	2
12	2	3	1	2	1	3	5		2	57	12	3
13	2	3	1	3	2	2	---		2	14	2	3
14	3	2	2	3	2	2	8		2	5	3	3
15	3	2	3	2	4	3	---		4	3	3	2
16	2	4	2	2	2	3	8		4	1	3	2
17	2	3	2	2	2	4	9		3	1	3	3
18	3	2	2	2	1	2	7		2	2	3	3
19	2	2	2	---	1	2	7	19	3	2	3	2
20	2	2	1	---	2	2	8		3	2	---	3
21	2	---	2	---	3	1	8		3	2	---	2
22	2	---	2	1	3	2	7		4	3	---	2
23	2	---	2	1	2	2	7		3	2	3	2
24	2	---	1	2	2	3	5		3	2	3	2
25	2	---	1	2	2	3	5		4	3	16	1
26	1	---	2	2	2	3	---		3	2	3	1
27	2	3	2	2	2	3	---		3	3	2	1
28	2	3	2	2	4	3	---		4	2	2	1
29	2	2	3	2	---	3	---		3	2	3	2
30	2	3	3	2	---	2	5		3	3	3	2
31	2	---	3	2	---	4	---		---	7	4	---
TOTAL	66	69	62	73	39	73	162	41	70	172	137	71
MEAN	2	2	2	2	1	2	5	1	2	6	4	2
MAX	4	8	4	32	8	5	12	91	5	106	40	4
MIN	1	1	1	1	0	1	2	0	0	1	1	0
AC_FT	130	138	123	145	77	144	321	81	139	341	271	141

WTR YR 2018 TOTAL 1034 MEAN 3 MAX 106 MIN 0 AC_FT 2052

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

Discharge, in cub, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												---
3												---
4												---
5												
6												
7												
8												
9												
10			---									
11												
12												
13												
14							---					
15												
16												
17												
18												
19				---								
20				---							---	
21		---		---							---	
22		---									---	
23		---										
24		---										
25		---										
26		---										
27												
28												
29					---							
30					---							
31		---			---		---		---			---
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 2018 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

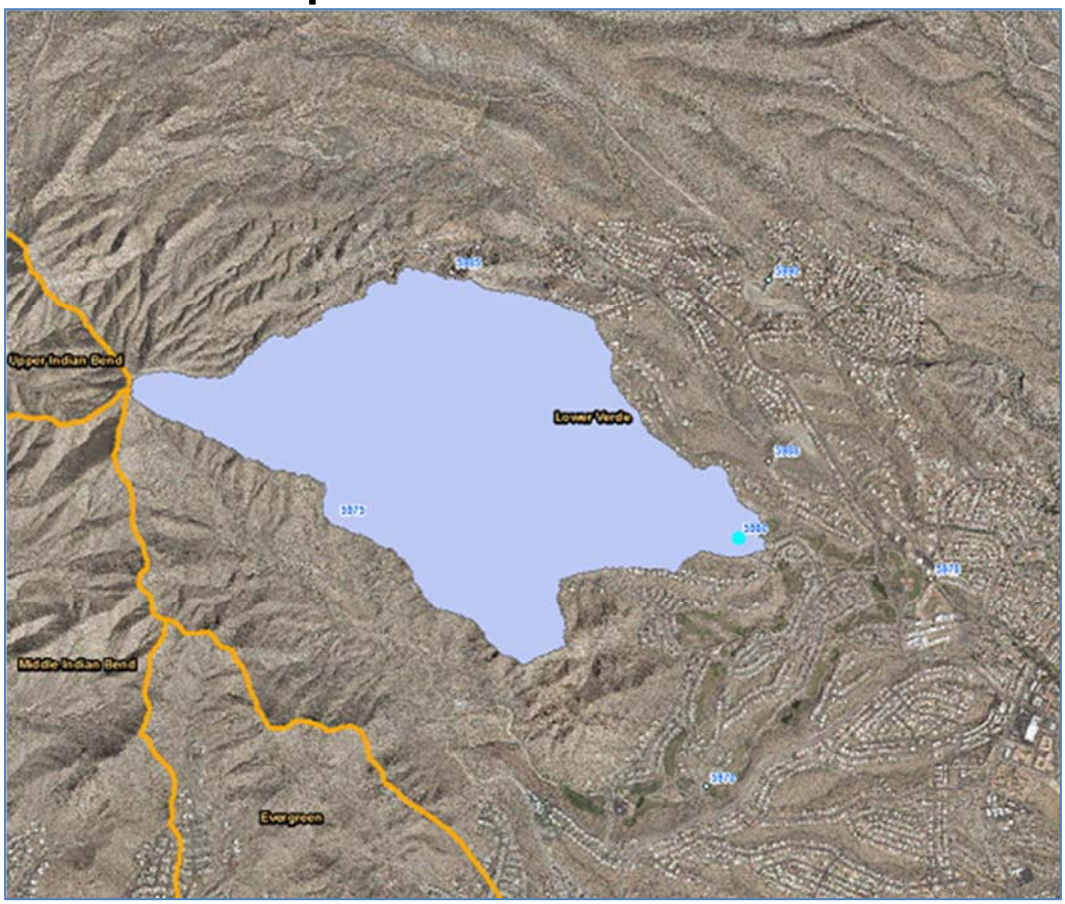
North Heights Dam, ID #5983

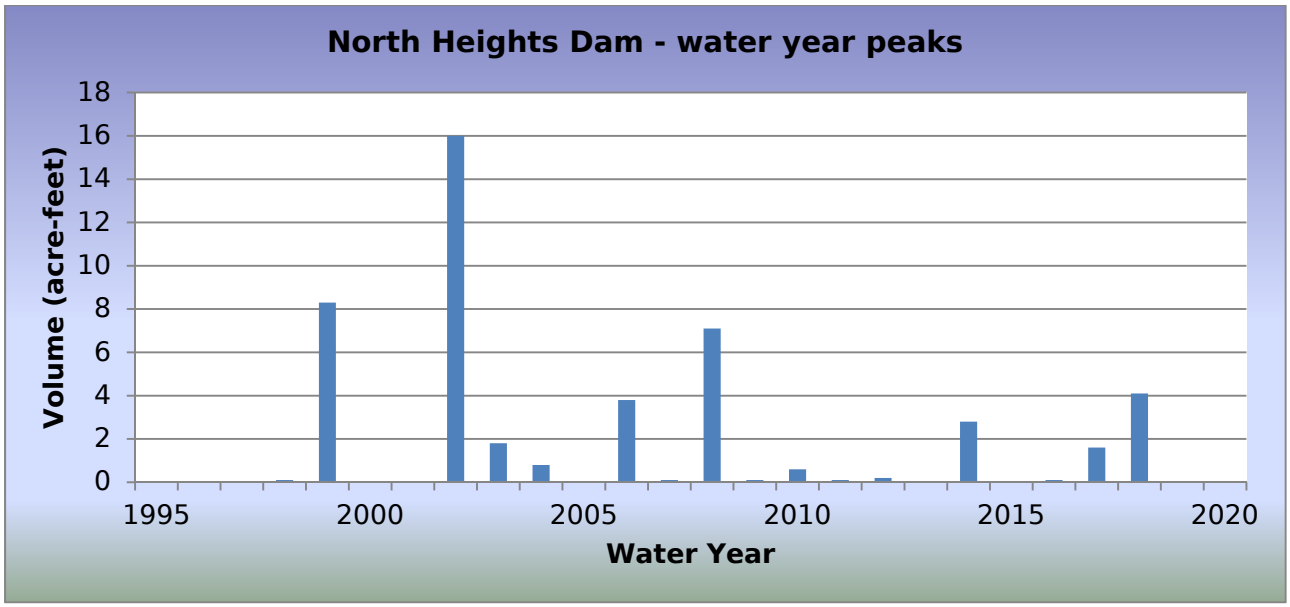


Site Data

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	21.97 Years | 8,025 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.25 feet Gage Height
STAFF GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,781.26 feet NAVD88
POINT OF ZERO FLOW	0.00 feet Gage Height
SPILLWAY CREST ELEVATION	31.7 feet Gage Height
TOP OF DAM ELEVATION	39.6 feet Gage Height

Watershed Map

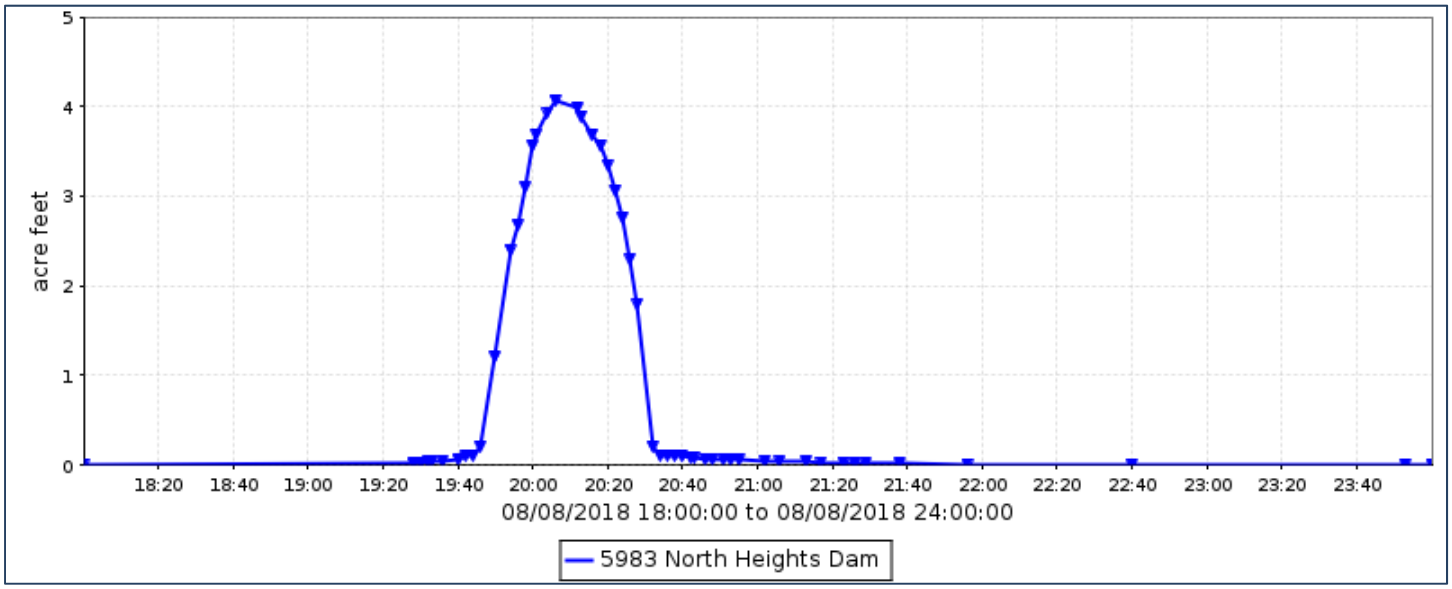




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
07/09/2018	2.65	0.1	0.1
07/14/2018	8.22	3.0	2.2
08/08/2018	9.49	4.1	3.0
08/10/2018	2.74	0.1	0.1

Hydrograph of peak WY 2018 impoundment event, 08/08/2018



North Heights Dam, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---											
2	---											
3	---											
4												
5												
6												
7												
8											6	
9										1		
10											2	
11												
12												
13												
14										4		
15												
16												
17												
18												
19												
20												
21												
22								1				
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	0	0	0	0	1	0	6	8	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	0	0	0	0	4	0	145	164	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	0	2	0	11	15	0

WTR YR 2018 TOTAL 15 MEAN 0 MAX 164 MIN 0 AC_FT 29

North Heights Dam, volume data

Volume, in acre feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---											
2	---											
3	---											
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
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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	3	4	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 2018 MEAN 0 MAX 4 MIN 0

North Heights Dam, stage data

Depth, in feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
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	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	0.6	0.2
9	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	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	0.3	0.2
11	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	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	0.5	0.2	0.2
15	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
16	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
17	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
18	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
19	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
20	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
21	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
22	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2
23	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
24	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
25	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
26	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
27	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
28	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
29	0.2	0.2	0.2	0.2	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2
30	0.2	0.2	0.2	0.2	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2
31	0.2	---	0.2	0.2	---	0.2	---	0.2	---	0.2	0.2	---
MEAN	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.3	0.3	0.2
MAX	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.2	8.2	9.5	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 2018 MEAN 0.25 MAX 9.49 MIN 0.25

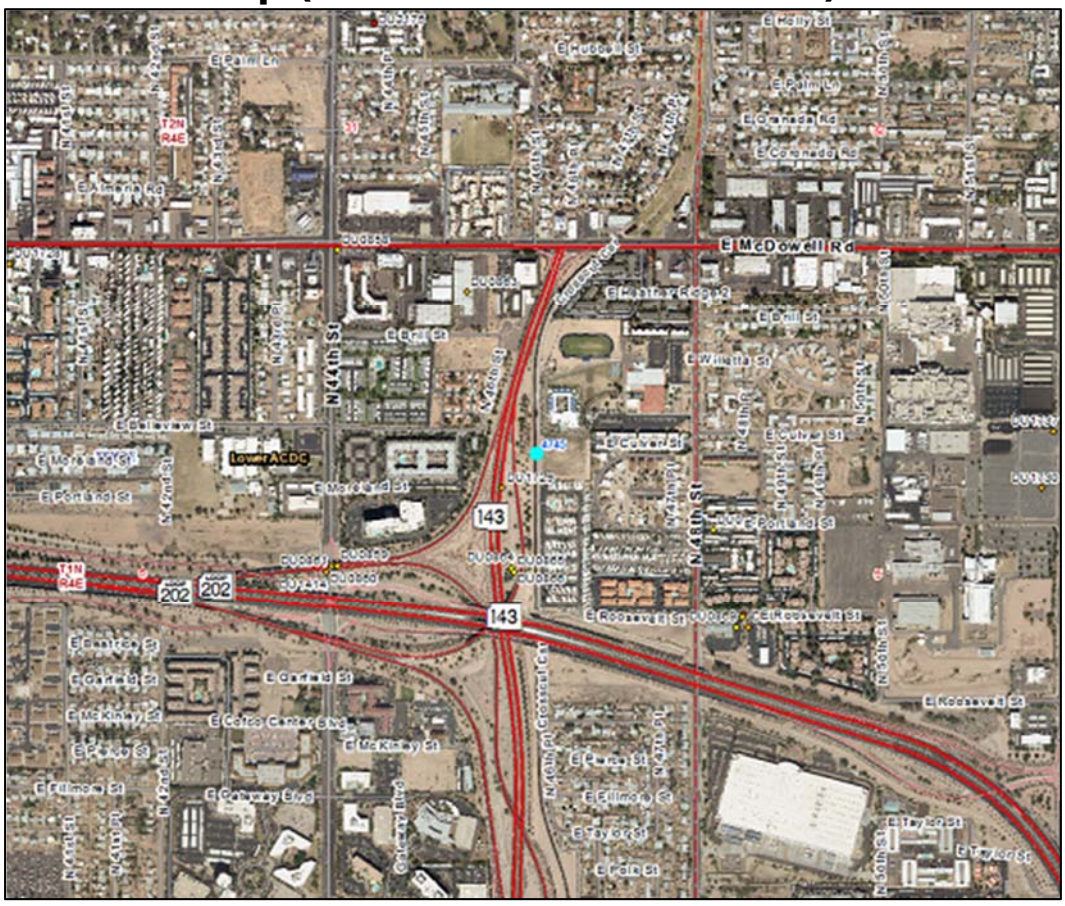
Old Crosscut Canal near McDowell Road, ID #4748

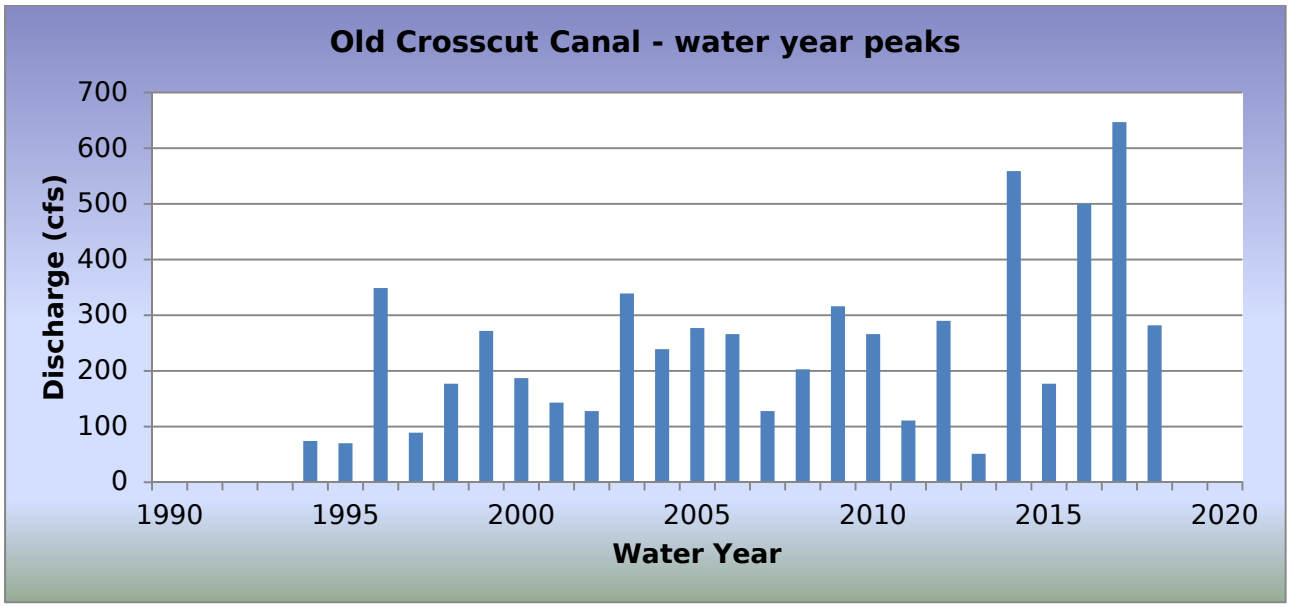


Site Data

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	24.18 Years | 8,832 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*)

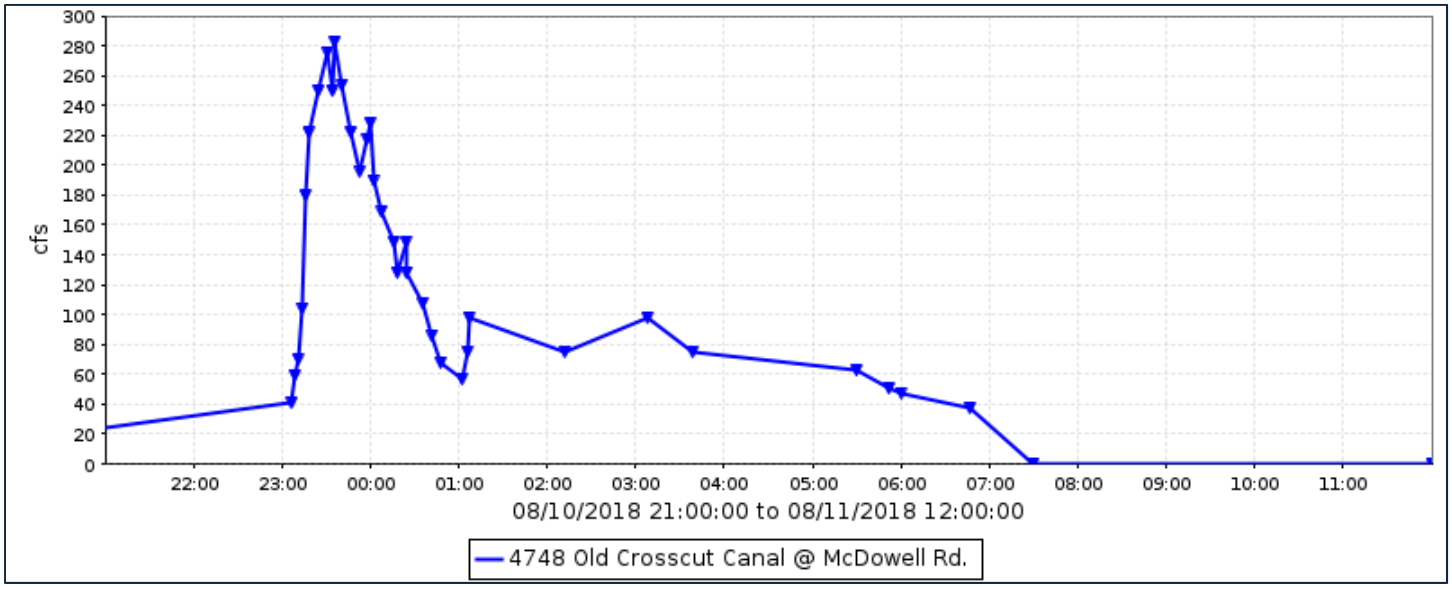




WY2018 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
12/17/2017	0.33	47
01/09/2018	0.26	39
01/16/2018	0.23	36
02/27/2018	0.24	37
07/09/2018	1.14	190
08/08/2018	1.19	200
08/10/2018	1.57	282
08/12/2018	1.54	276

Hydrograph of peak WY 2018 flow event, 08/10/2018



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 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1							12					
2							12					
3							12					
4						12	12					
5						12	6					
6						12	6					
7						12					2	
8						12					9	
9				2		12				7		
10						12	6				20	
11						12					25	
12						12					21	
13						12						
14						12						
15						6	6					
16				2		12	12		6			
17			10			12	12	6	12			
18						12	12		12			
19						12	12		12			
20						12	12		12			
21						12	12		12			
22						12	6		12			
23						6	6		12		5	
24						12			6			
25						12			12			22
26						12			6			54
27					7	12			6			54
28					6	12	6		6			59
29					---	12				3		
30					---	12						
31		---			---	12	---		---			---
TOTAL	0	0	10	4	13	324	162	6	126	10	81	190
MEAN	0	0	0	0	0	10	5	0	4	0	3	6
MAX	0	0	47	39	37	24	24	24	24	190	282	73
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	19	7	26	643	321	12	250	19	160	376

WTR YR 2018 TOTAL 924 MEAN 3 MAX 282 MIN 0 AC_FT 1833

NOTE: There is often a persistent base flow at this site due to SRP releases upstream, and ground water flow into the canal upstream.

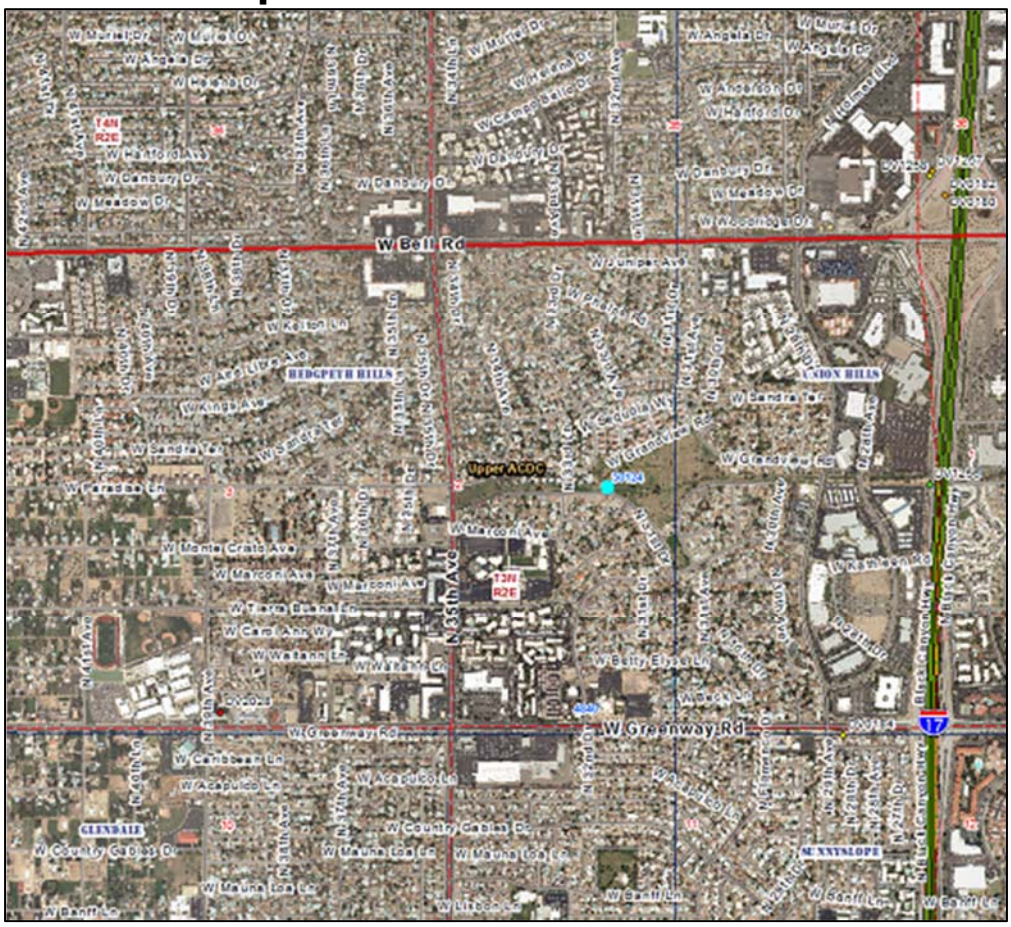
Paradise Lane at 33rd Drive Basin, ID #12407

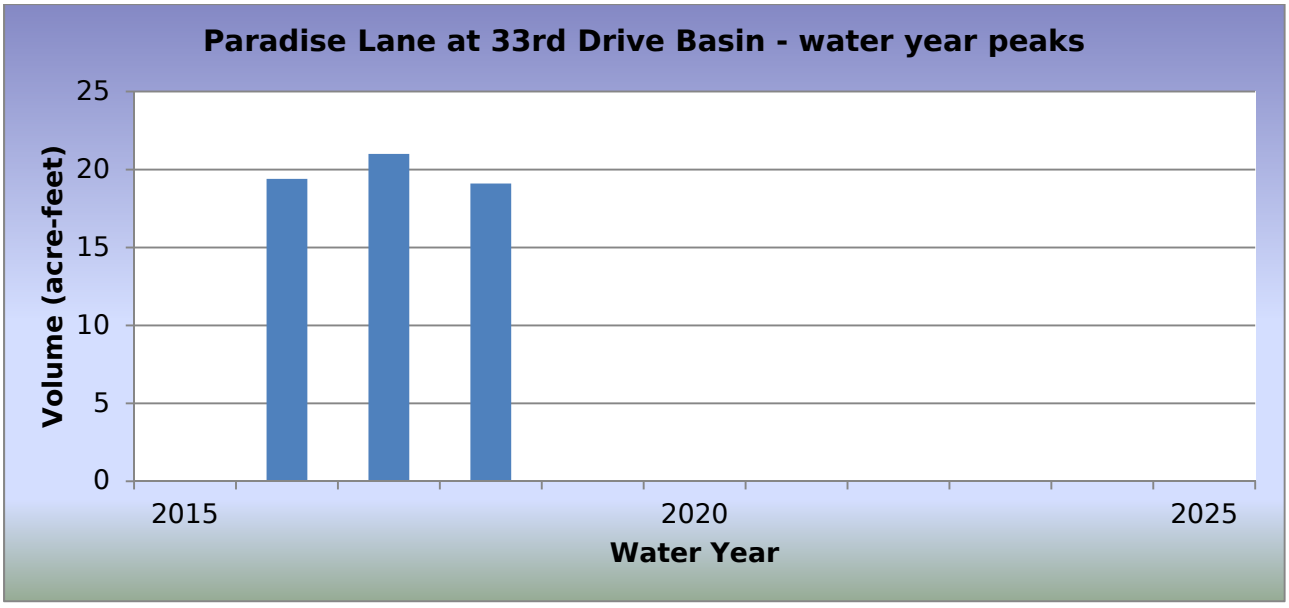


Site Data

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	2.98 Years | 1,089 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

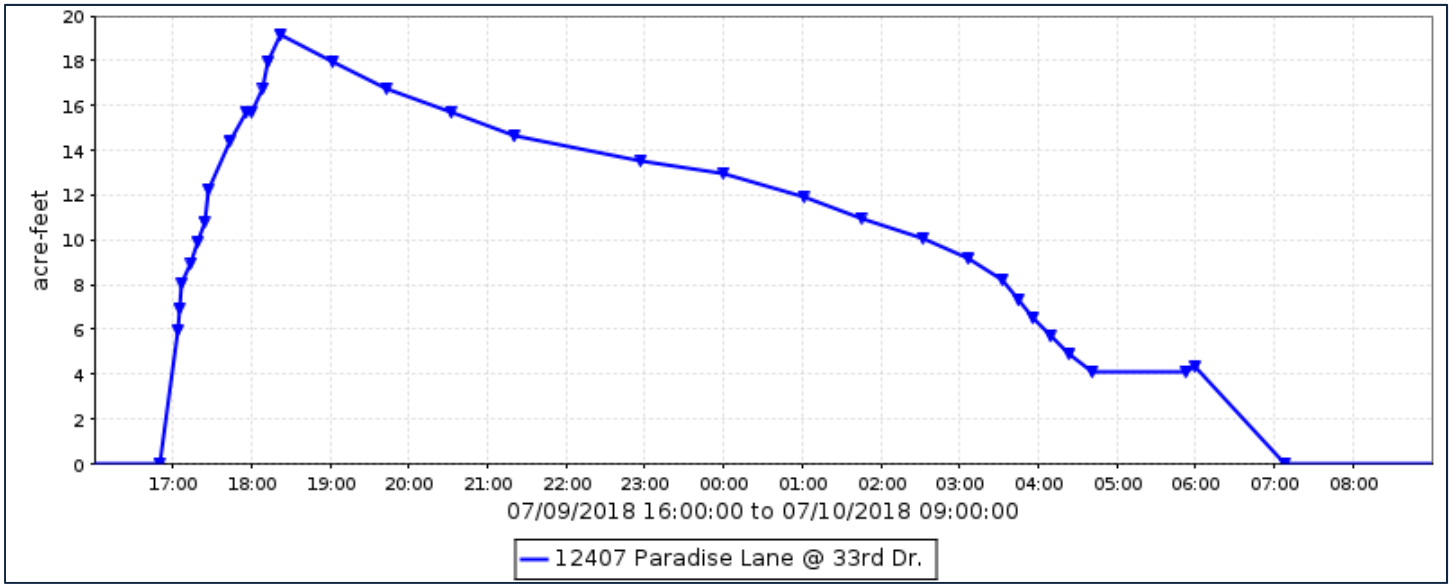




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
01/09/2018	1.99	17.1	20.2
02/27/2018	0.91	6.5	7.7
07/09/2018	2.16	19.1	22.6
07/11/2018	1.79	14.9	17.7
07/30/2018	1.61	13.0	15.4
08/08/2018	1.03	7.5	8.8

Hydrograph of peak WY 2018 impoundment event, 07/09/2018



Paradise Lane at 33rd Drive Basin, runoff data

Discharge, in cub, Water Year October 2017 to September 2018

Daily Mean Values

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

WTR YR 2018 TOTAL 40 MEAN 0 MAX 20 MIN 0 AC_FT 80

Paradise Lane at 33rd Drive Basin, volume data

Volume, in acre-feet, Water Year October 2017 to September 2018

Daily Mean Values

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

WTR YR 2018 MEAN 0 MAX 19 MIN 0

Paradise Lane at 33rd Drive, stage data

Depth, in feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	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	0.6	0.5	0.5	0.5	0.5	0.5	0.9	0.5	0.5
10	0.5	0.5	0.5	0.7	0.5	0.5	0.5	0.5	0.5	0.7	0.5	0.5
11	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.7	0.5	0.5
12	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.9	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	0.7	0.5	0.5
31	0.5	---	0.5	0.5	---	0.5	---	0.5	---	0.6	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	2.0	0.9	0.5	0.5	0.5	0.5	2.2	1.0	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 2018 MEAN 0.50 MAX 2.16 MIN 0.49

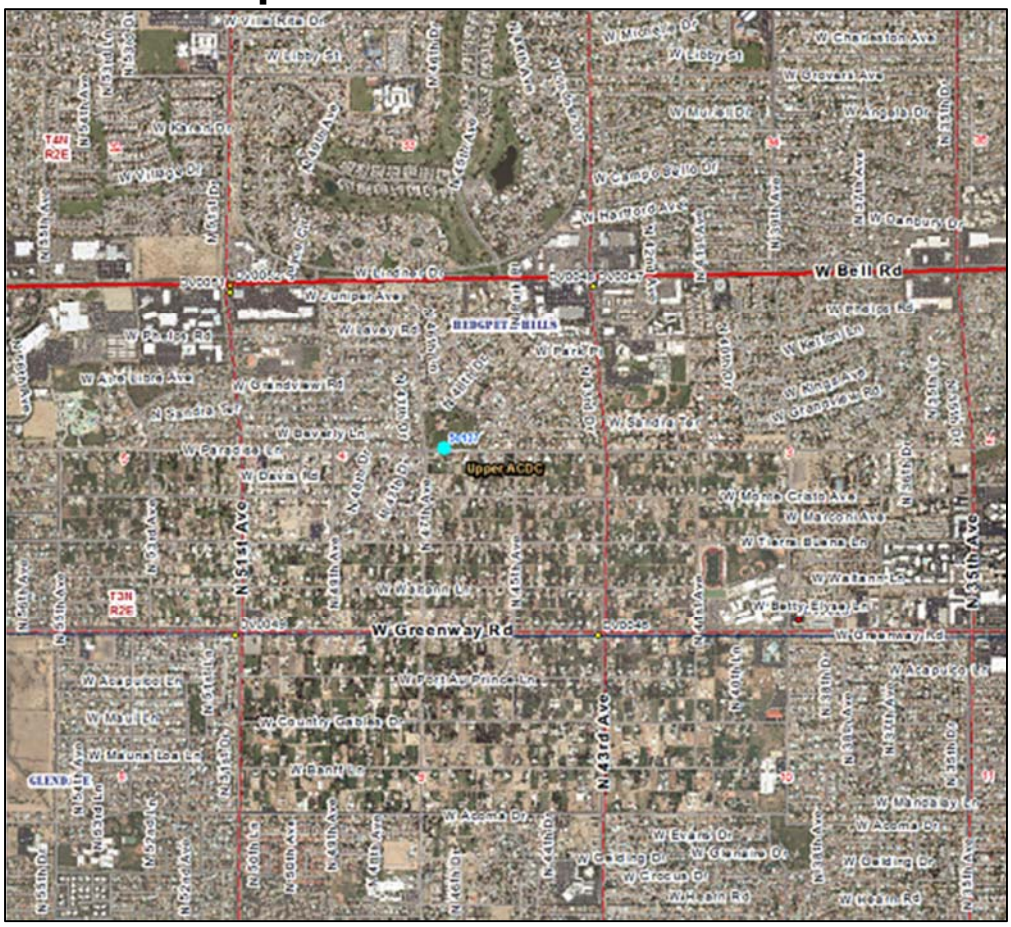
Paradise Lane at 47th Avenue Basin, ID #13707

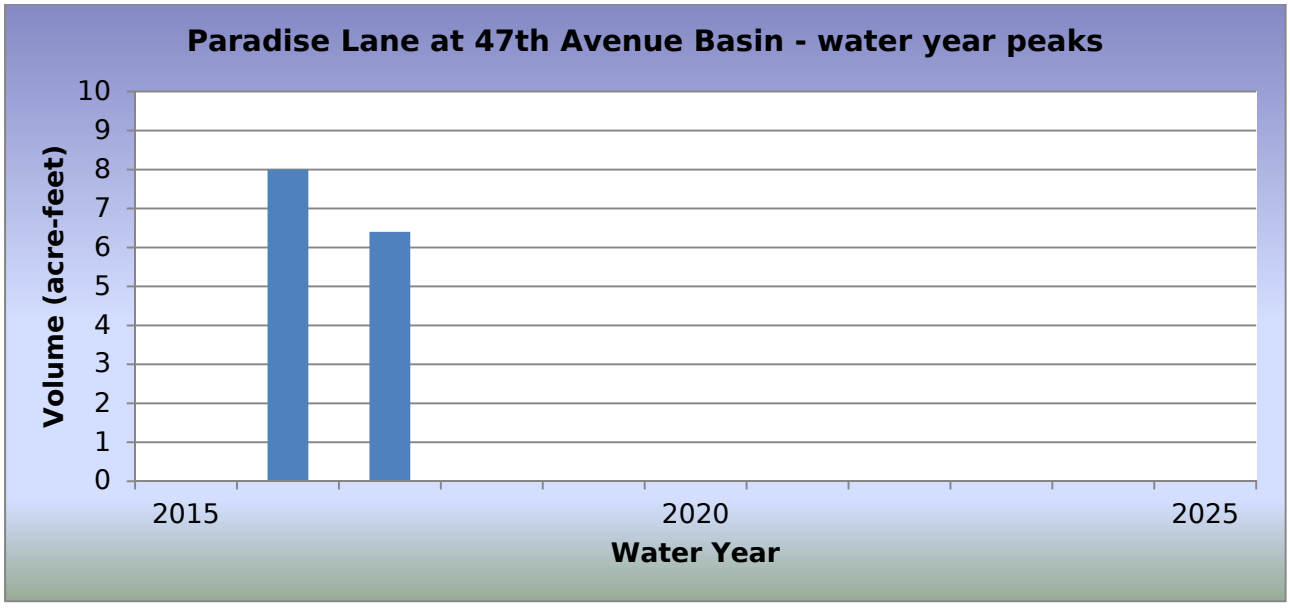


Site Data

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	2.98 Years | 1,089 Days
DATA GAPS IN POR	03/21/2017 – 02/21/2018 (337 Days)
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.15 feet Gage Height
STAFF GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,267.39 feet NAVD88
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





WY2018 Events

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

Hydrograph of peak WY 2018 impoundment event,

No recorded impoundment during Water Year 2018.

Paradise Lane at 47th Avenue Basin, runoff data

Discharge, in fee, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---							
2	---	---	---	---	---							
3	---	---	---	---	---							
4	---	---	---	---	---							
5	---	---	---	---	---							
6	---	---	---	---	---							
7	---	---	---	---	---							
8	---	---	---	---	---							
9	---	---	---	---	---							
10	---	---	---	---	---							
11	---	---	---	---	---							
12	---	---	---	---	---							
13	---	---	---	---	---							
14	---	---	---	---	---							
15	---	---	---	---	---							
16	---	---	---	---	---							
17	---	---	---	---	---							
18	---	---	---	---	---							
19	---	---	---	---	---							
20	---	---	---	---	---							
21	---	---	---	---								
22	---	---	---	---								
23	---	---	---	---								
24	---	---	---	---								
25	---	---	---	---								
26	---	---	---	---								
27	---	---	---	---								
28	---	---	---	---								
29	---	---	---	---	---							
30	---	---	---	---	---							
31	---	---	---	---	---		---		---			---
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 2018 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 2017 to September 2018

Daily Mean Values

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

WTR YR 2018 MEAN 1 MAX 5 MIN 0

Paradise Lane at 47th Avenue Basin, stage data

Depth, in feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2	---	---	---	---	---	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
4	---	---	---	---	---	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
6	---	---	---	---	---	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
8	---	---	---	---	---	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
10	---	---	---	---	---	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
12	---	---	---	---	---	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
14	---	---	---	---	---	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
16	---	---	---	---	---	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
18	---	---	---	---	---	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
20	---	---	---	---	---	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
22	---	---	---	---	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
24	---	---	---	---	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
26	---	---	---	---	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
28	---	---	---	---	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
30	---	---	---	---	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1
31	---	---	---	---	---	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
MAX	---	---	---	---	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.5
MIN	---	---	---	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

WTR YR 2018 MEAN 0.12 MAX 0.52 MIN 0.10

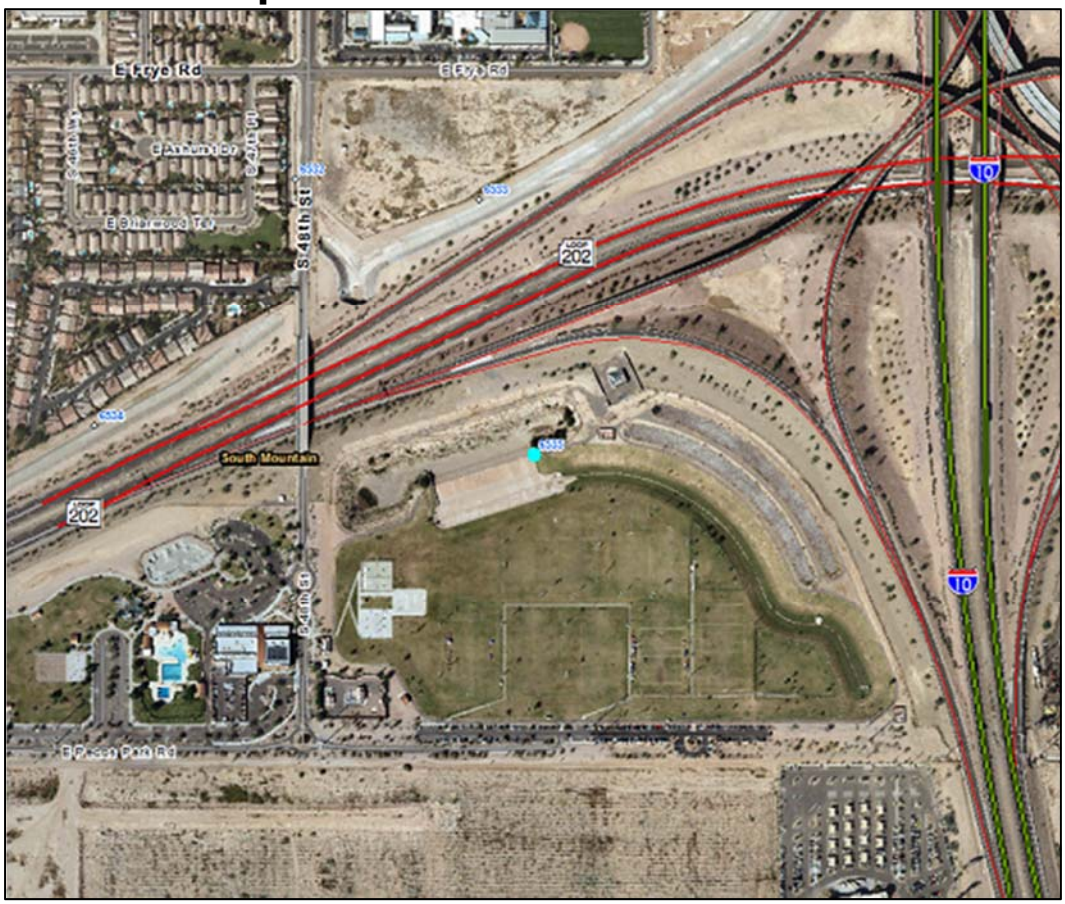
Pecos Sediment Basin, ID #6537

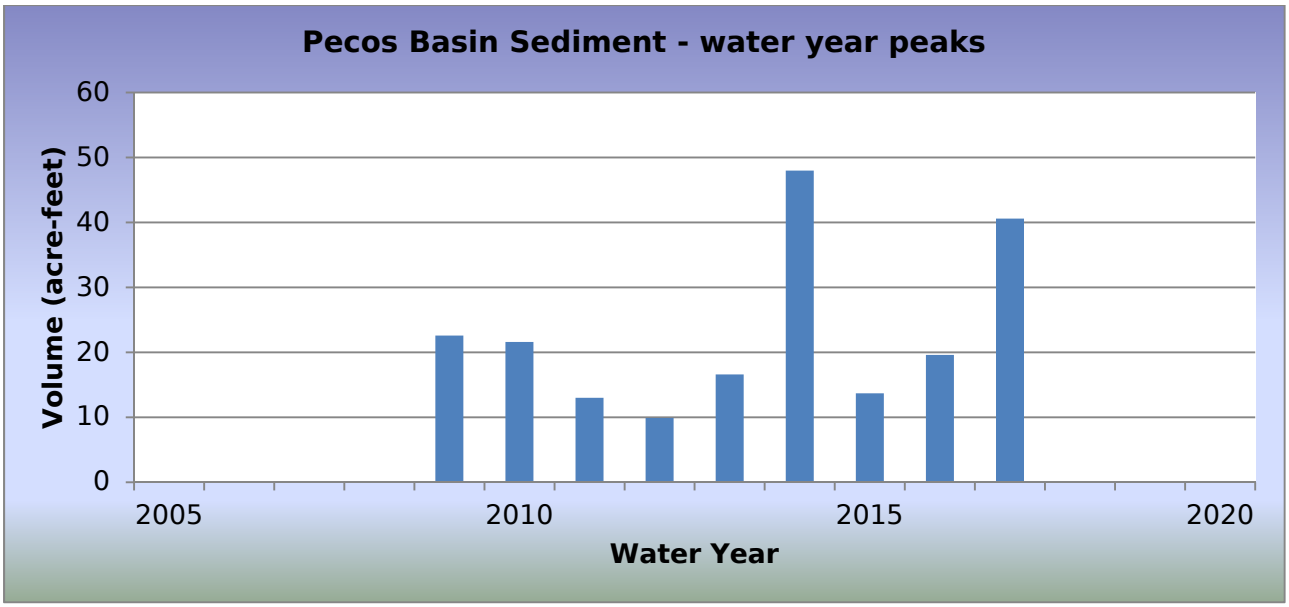


Site Data

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	9.73 Years | 3,555 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	1.48 feet Gage Height
STAFF GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,141.84 feet NAVD88
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





WY2018 Events

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

Hydrograph of peak WY 2018 impoundment event,

No recorded impoundments during Water Year 2018.

Pecos Sediment Basin, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
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 2018 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

Pecos Sediment Basin, volume data

Volume, in acre-feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	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 2018 MEAN 0 MAX 0 MIN 0

Pecos Sediment Basin, stage data

Depth, in feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	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	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	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	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	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	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	1.5
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 2018 MEAN 1.48 MAX 1.48 MIN 1.48

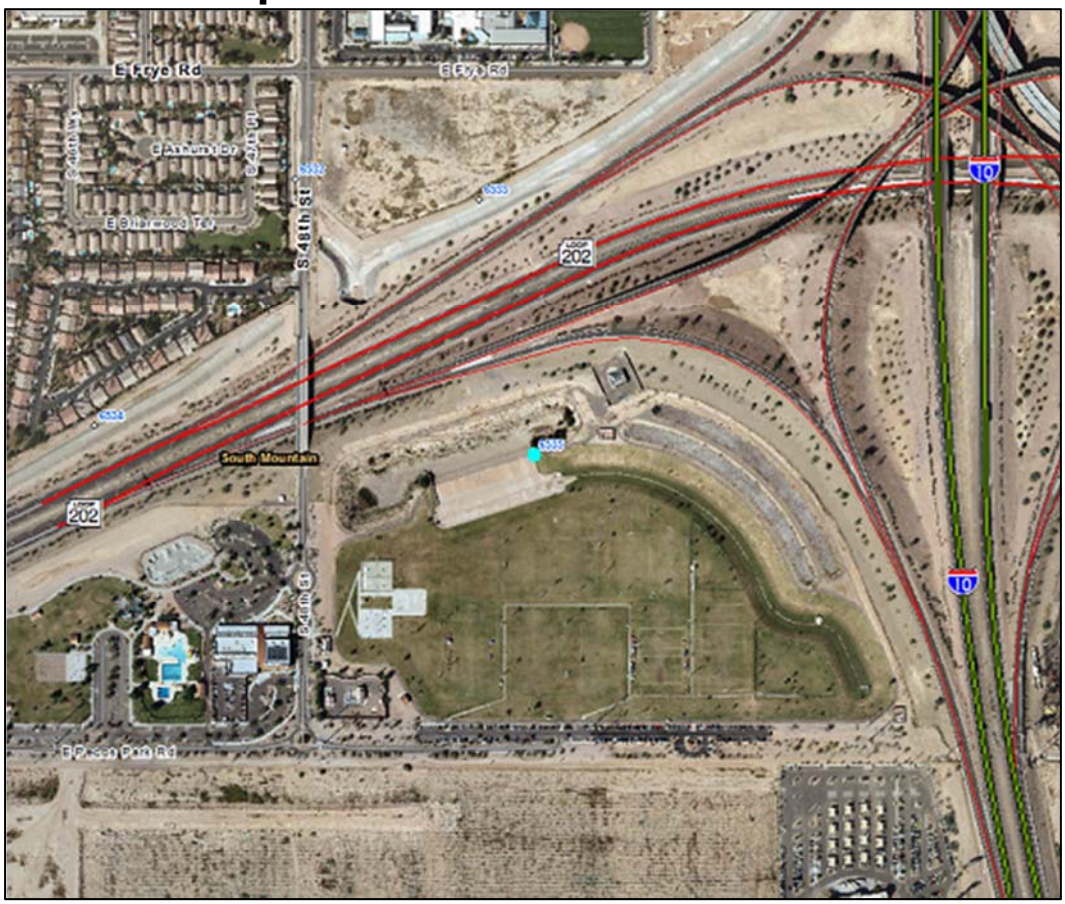
Pecos Basin Pool, ID #6538

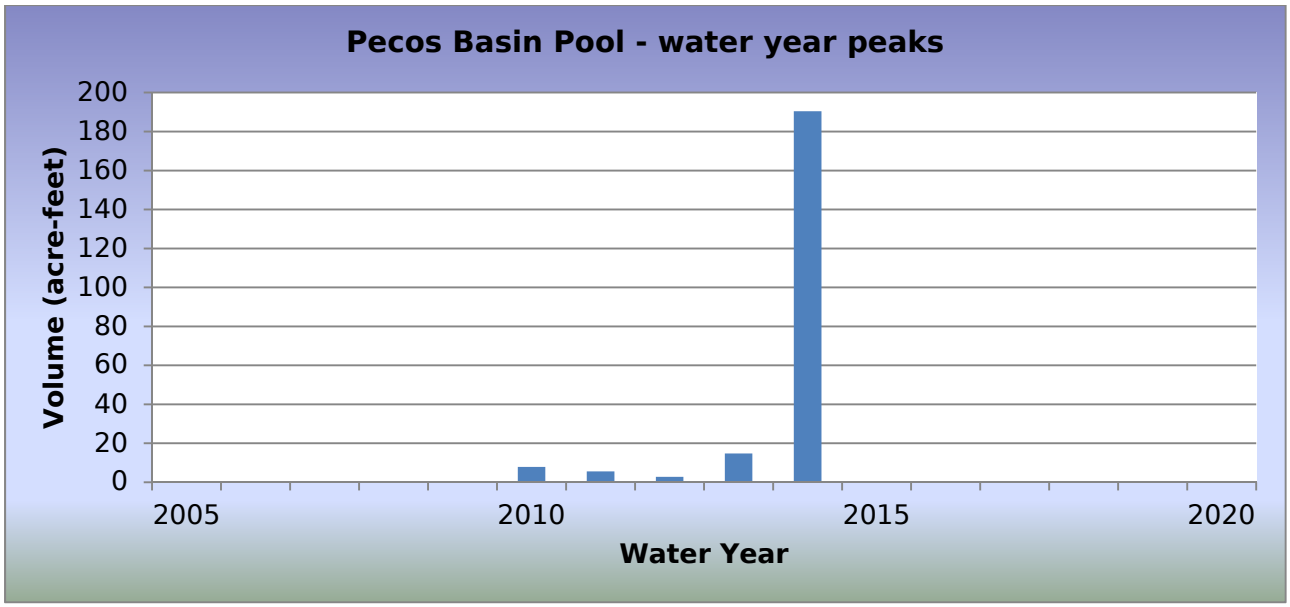


Site Data

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	9.73 Years | 3,555 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	1,141.84 feet NAVD88
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





WY2018 Events

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

Hydrograph of peak WY 2018 impoundment event

There were no recorded impoundments during Water Year 2018.

Pecos Basin Pool, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
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 2018 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

Pecos Basin Pool, volume data

Volume, in acre-feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	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 2018 MEAN 0 MAX 0 MIN 0

Pecos Basin Pool, stage data

Depth, in feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	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	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	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	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	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	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	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	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	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	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	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	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 2018 MEAN 6.05 MAX 6.05 MIN 6.05

Pecos North Inflow, ID #6532

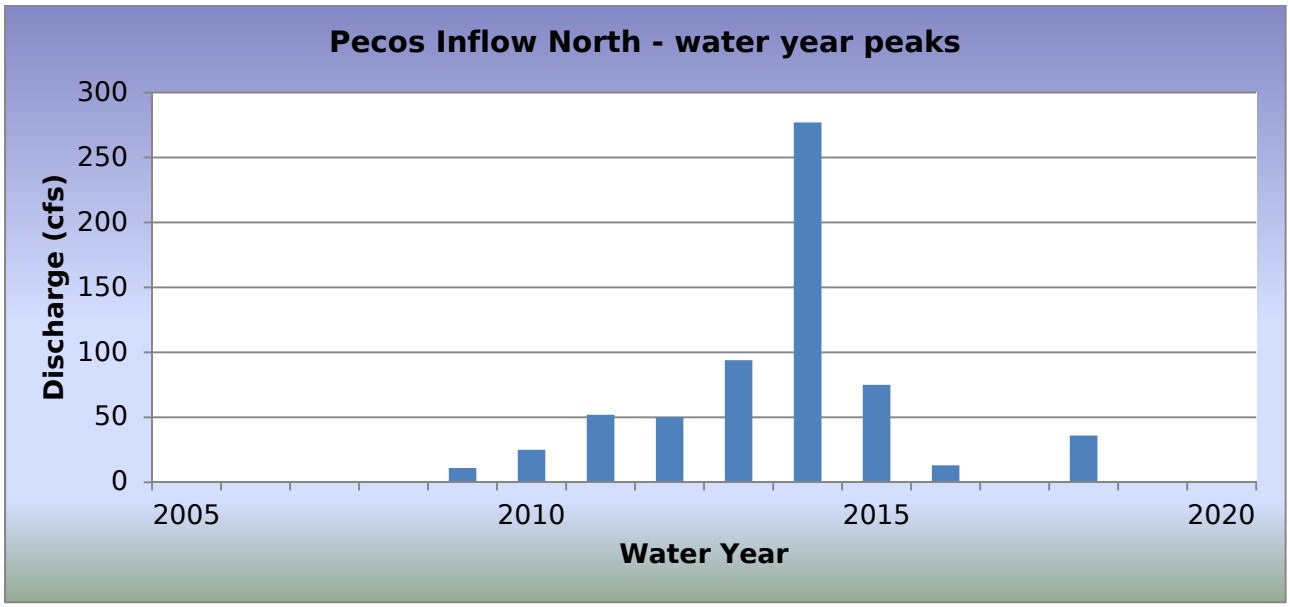


Site Data

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	9.69 Years | 3,540 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	1,173.24 feet NAVD88
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)

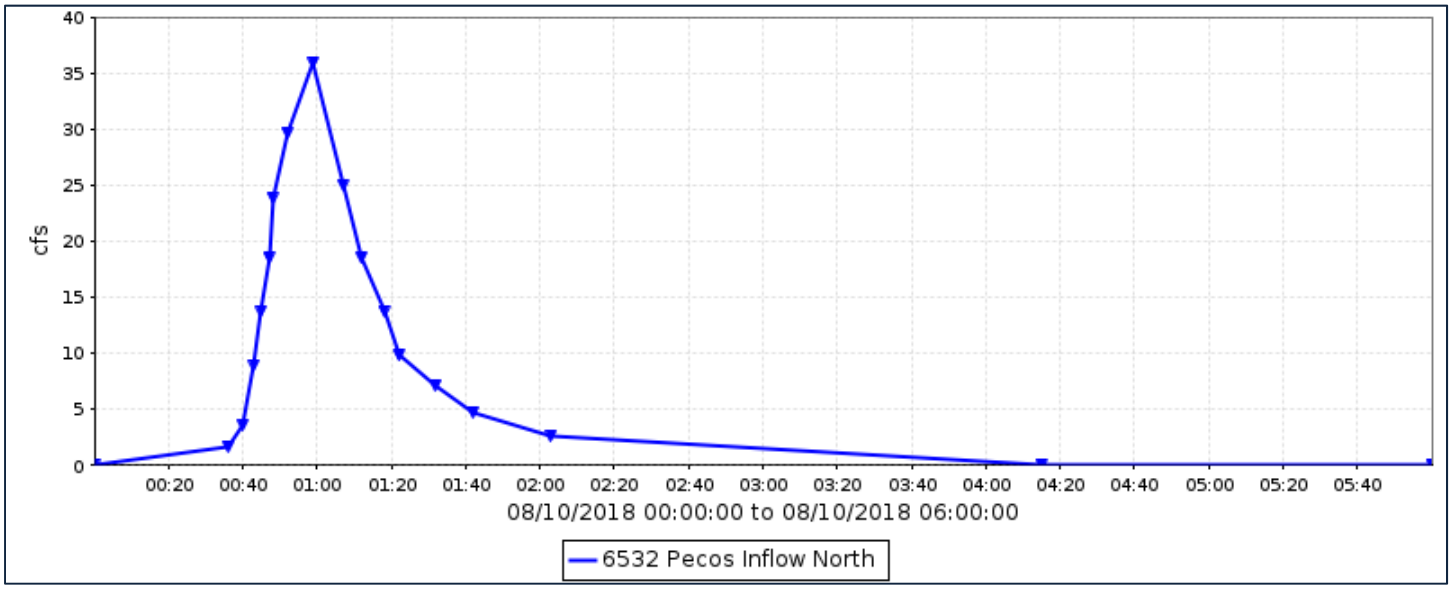




WY2018 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
08/10/2018	1.08	36

Hydrograph of peak WY 2018 flow event, 08/10/2018



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 2017 to September 2018

Daily Mean Values

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

WTR YR 2018 TOTAL 1 MEAN 0 MAX 36 MIN 0 AC_FT 2

Pecos East Inflow, ID #6533

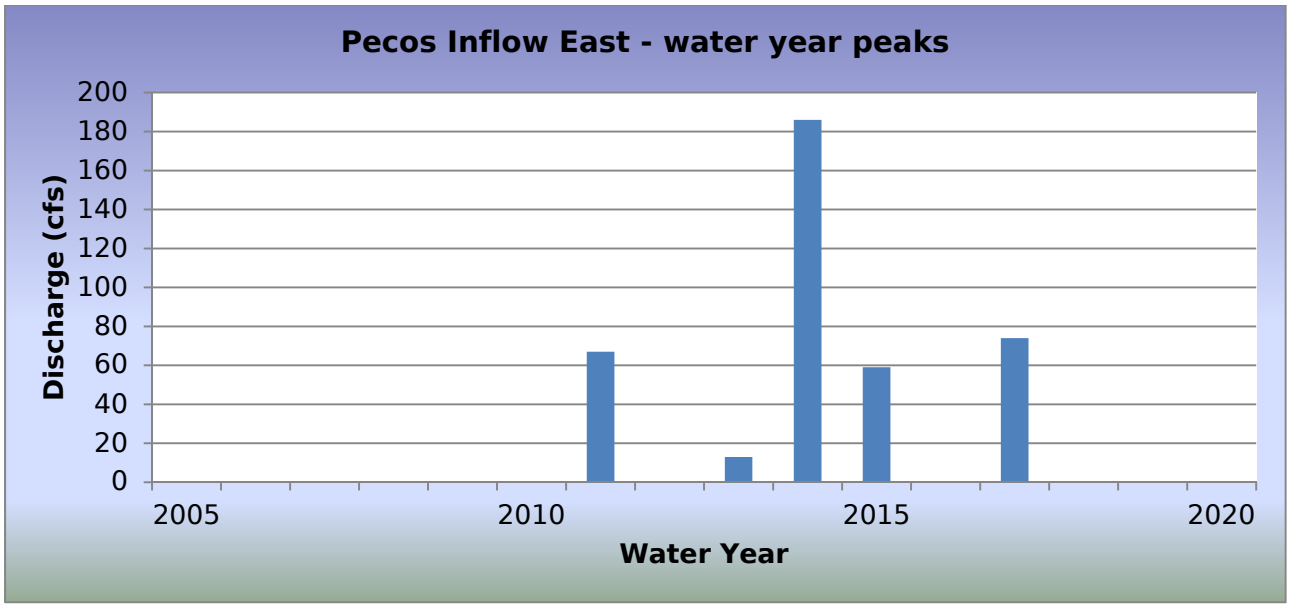


Site Data

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	9.69 Years | 3,540 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	1,165.69 feet NAVD88
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





WY2018 Events

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

Hydrograph of peak WY 2018 flow event,

No recorded runoff during Water Year 2018.

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 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
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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	9	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 2018 TOTAL 0 MEAN 0 MAX 9 MIN 0 AC_FT 0

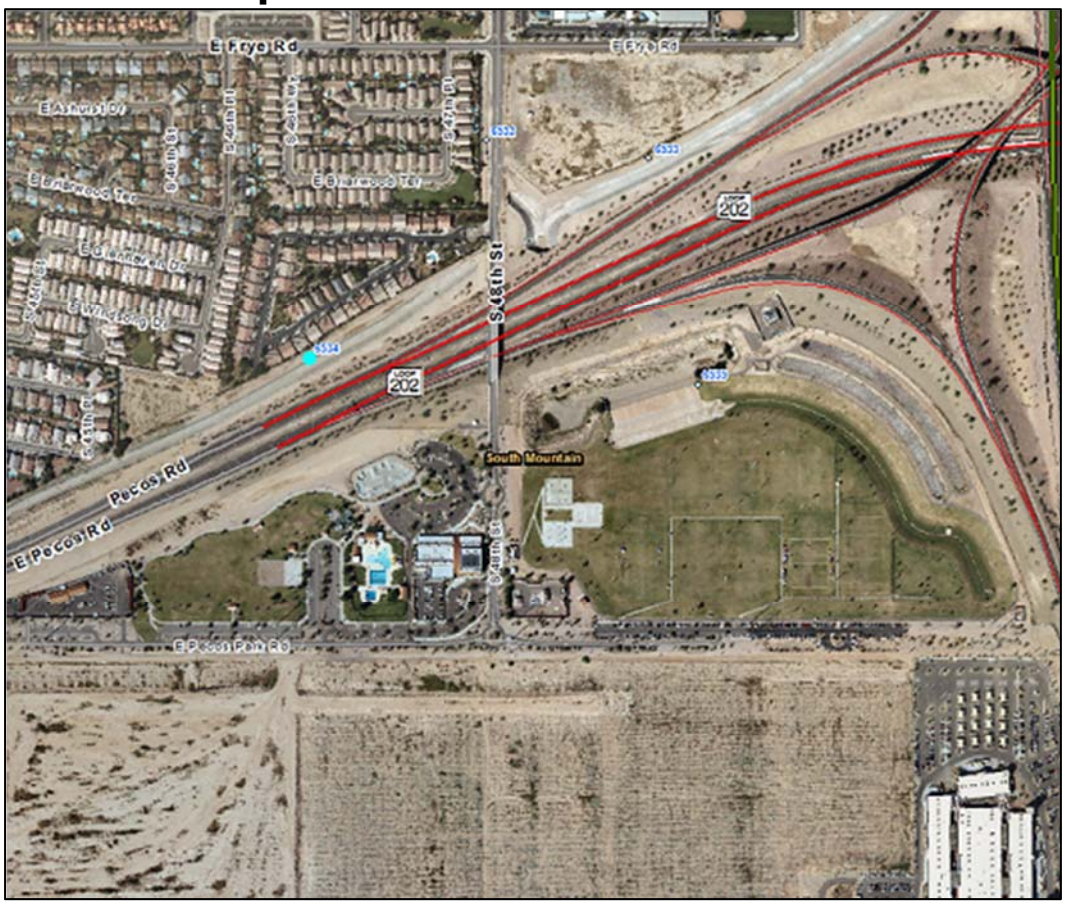
Pecos West Inflow, ID #6534

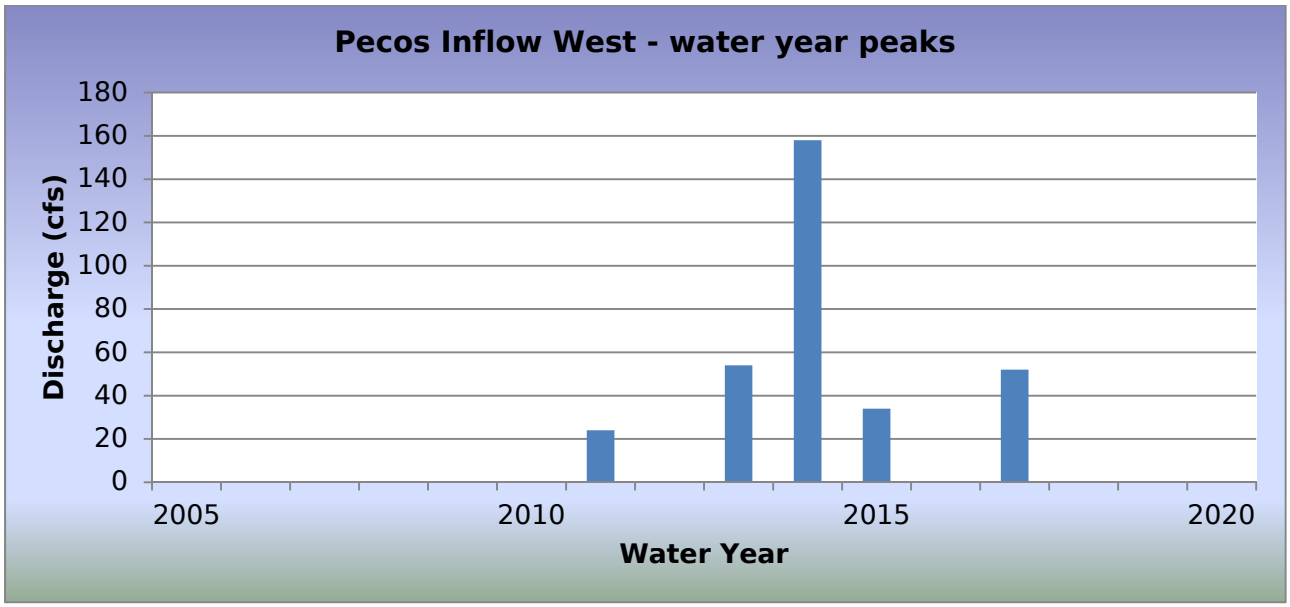


Site Data

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	9.69 Years | 3,540 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	1,163.24 feet NAVD88
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

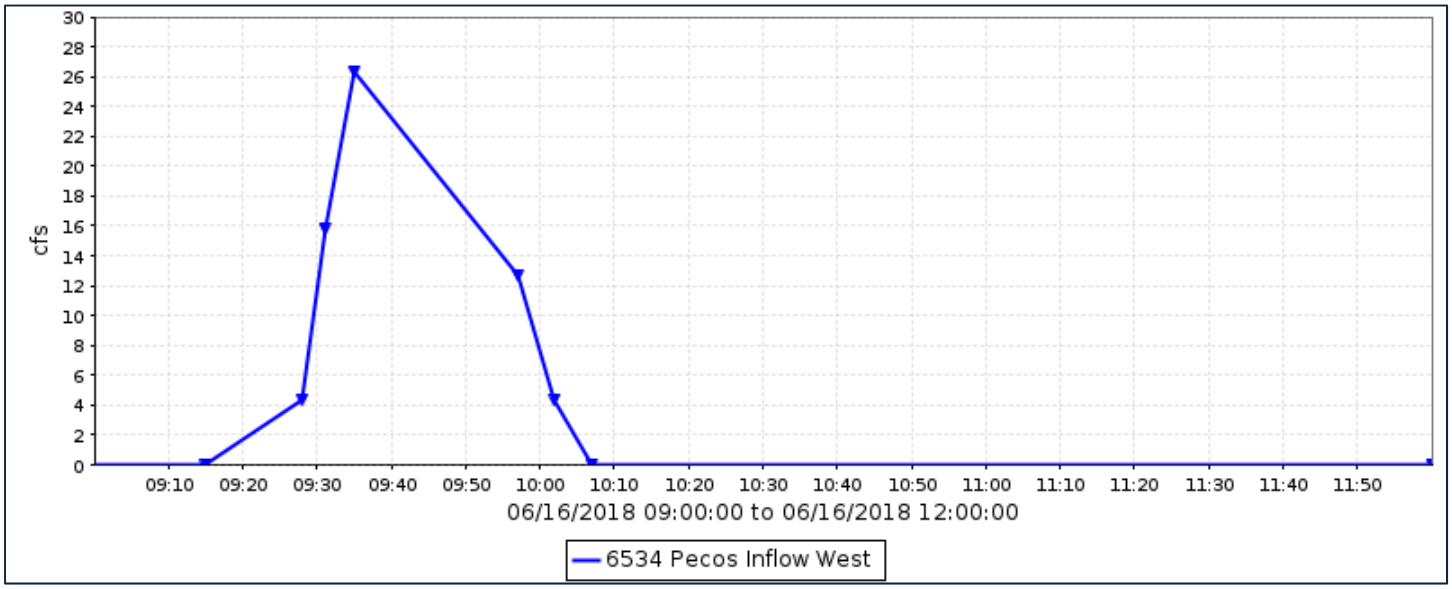




WY2018 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
06/16/2018	1.08	26

Hydrograph of peak WY 2018 flow event, 06/16/2018



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 2017 to September 2018

Daily Mean Values

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

WTR YR 2018 TOTAL 2 MEAN 0 MAX 26 MIN 0 AC_FT 4

Phoenix Dam #2A, ID #4789

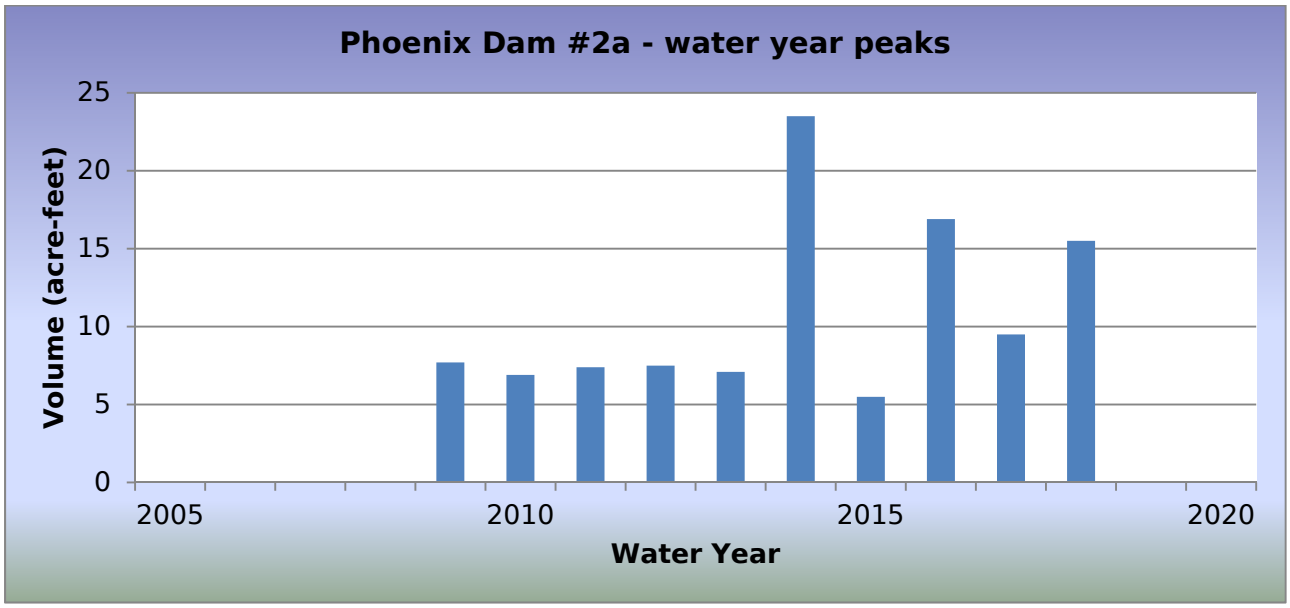


Site Data

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	9.26 Years | 3,381 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

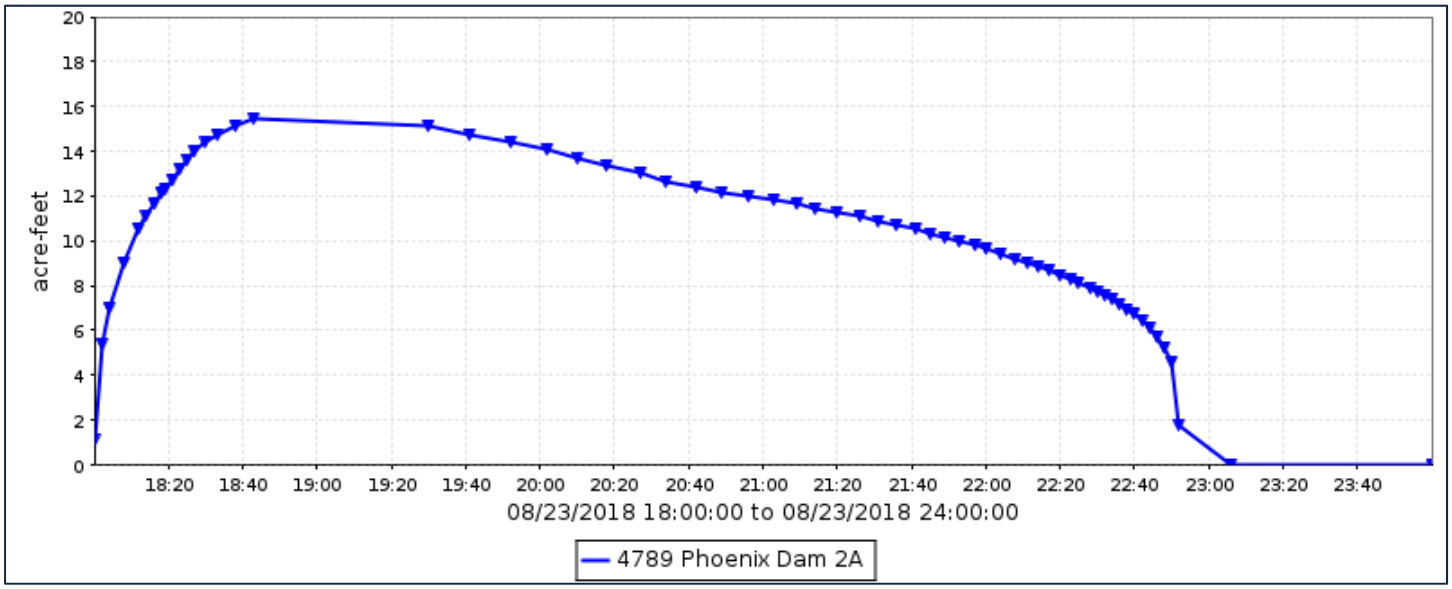




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
08/08/2018	3.49	5.5	9.2
08/11/2018	0.35	0.8	1.4
08/23/2018	9.59	15.5	25.8

Hydrograph of peak WY 2018 impoundment event, 08/23/2018



Phoenix Dam #2A, runoff data

Discharge, in cub, Water Year October 2017 to September 2018

Daily Mean Values

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

WTR YR 2018 TOTAL 6 MEAN 0 MAX 27 MIN 0 AC_FT 11

Phoenix Dam #2A, volume data

Volume, in acre-feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23											2	
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	15	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 2018 MEAN 0 MAX 15 MIN 0

Phoenix Dam #2A, stage data

Depth, in feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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	0.1	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	1.6	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	0.1	0.0
MAX	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.6	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 2018 MEAN 0.00 MAX 9.59 MIN 0.00

Phoenix Dam #2B, ID #4778

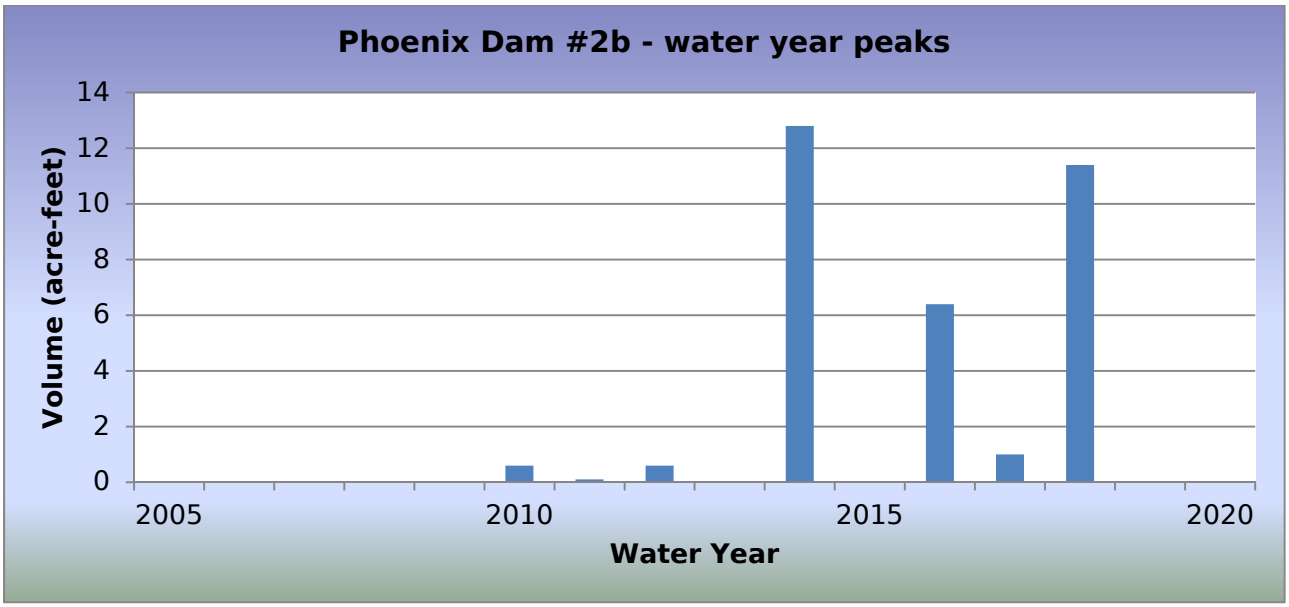


Site Data

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	9.25 Years | 3,380 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

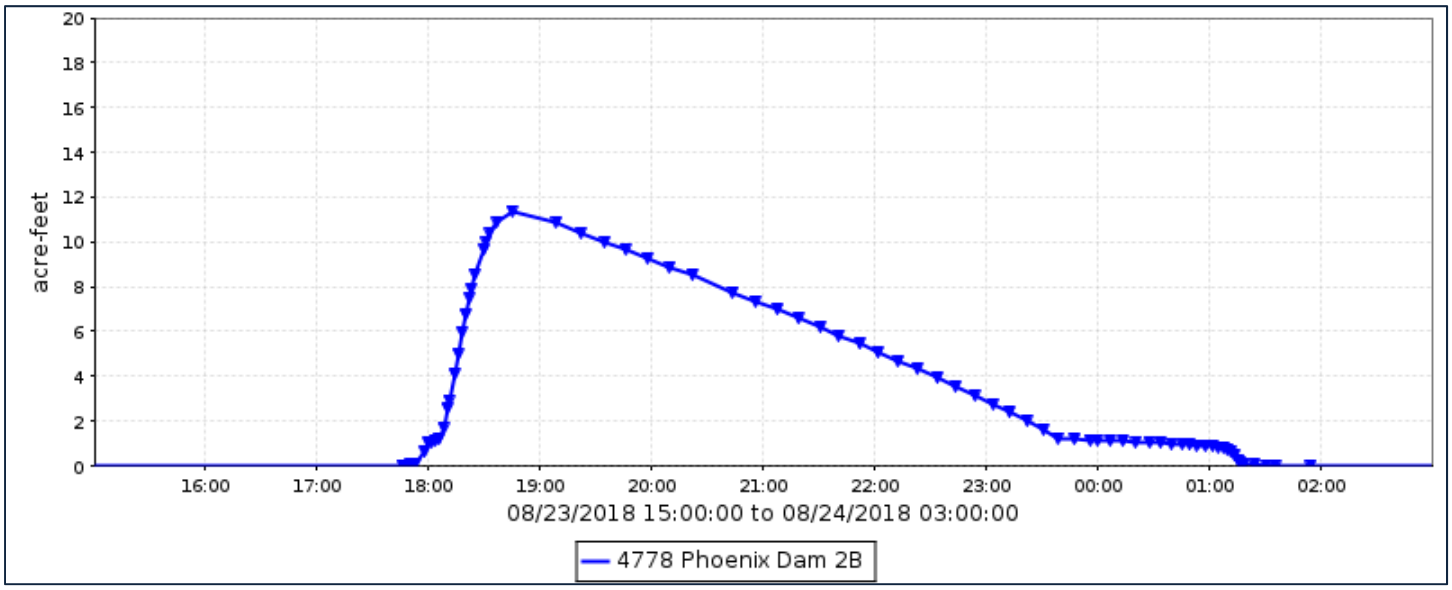




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
08/23/2018	7.25	11.4	23.7

Hydrograph of peak WY 2018 impoundment event, 08/23/2018



Phoenix Dam #2B, runoff data

Discharge, in cub, Water Year October 2017 to September 2018

Daily Mean Values

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

WTR YR 2018 TOTAL 6 MEAN 0 MAX 24 MIN 0 AC_FT 12

Phoenix Dam #2B, volume data

Volume, in acre-feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23											2	
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	11	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 2018 MEAN 0 MAX 11 MIN 0

Phoenix Dam #2B, stage data

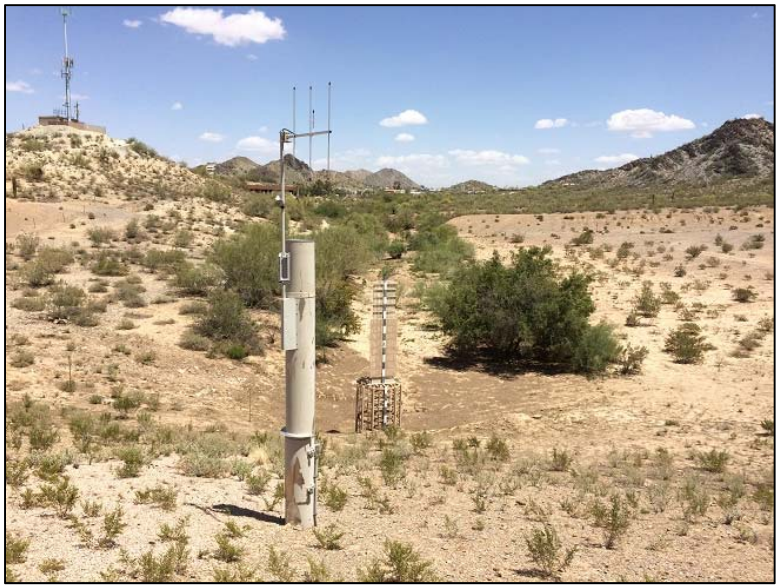
Depth, in feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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	1.4	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	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	0.1	0.0
MAX	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.2	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 2018 MEAN 0.00 MAX 7.25 MIN 0.00

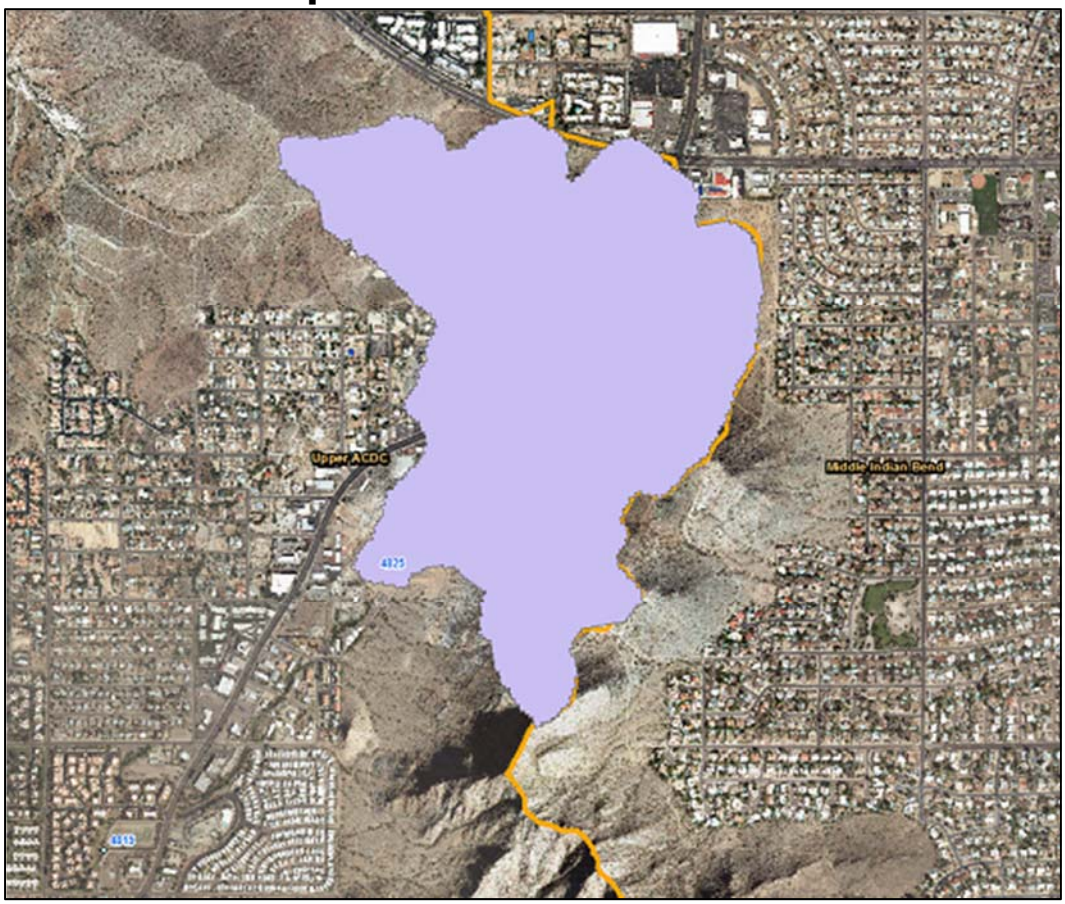
Phoenix Dam #3, ID #4828

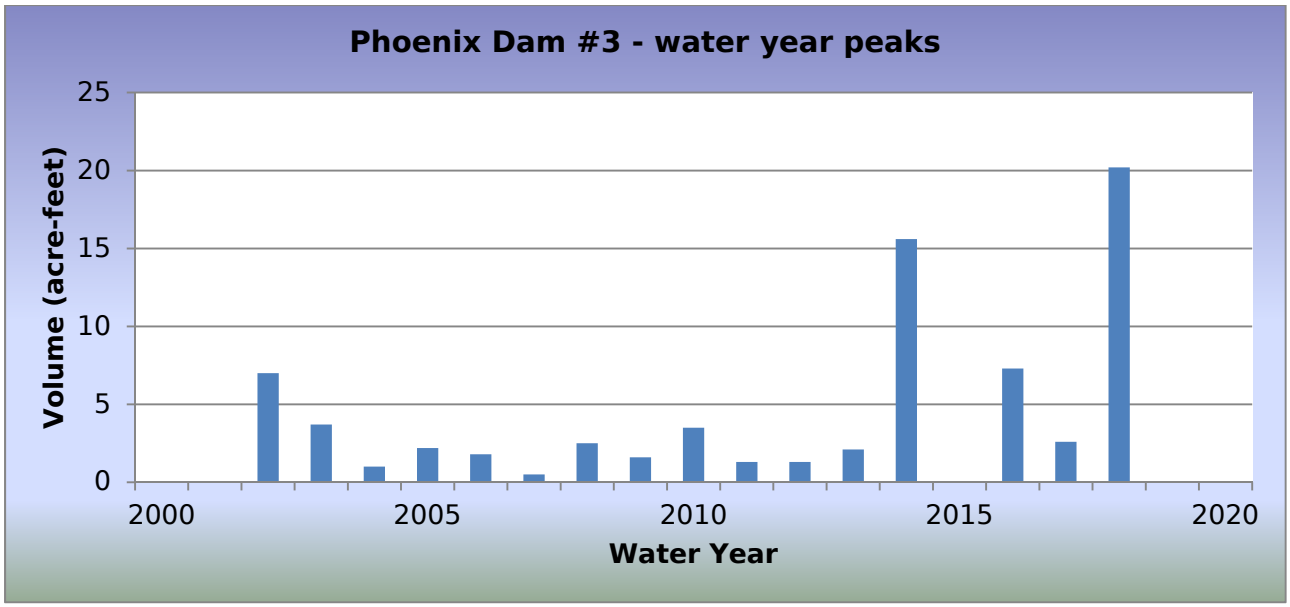


Site Data

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	16.79 Years | 6,131 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.65 feet Gage Height
STAFF GAGES	1
ZERO GAGE HEIGHT ELEVATION	1,358.00 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

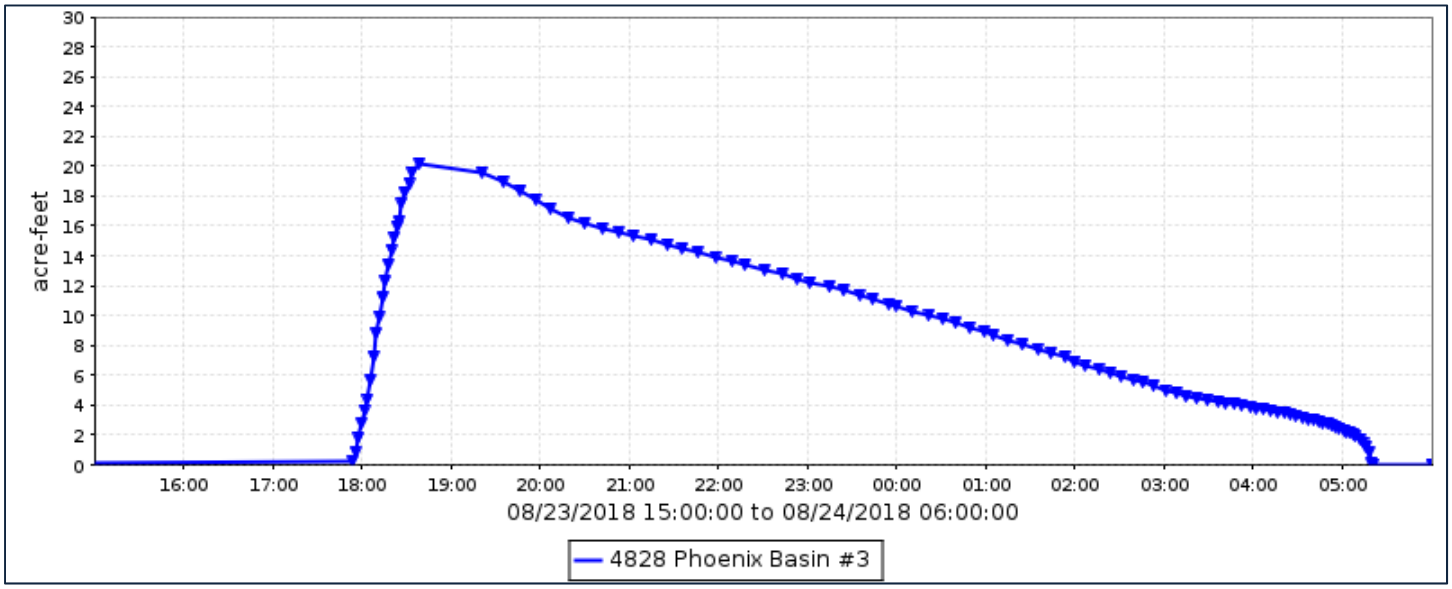




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
07/09/2018	4.76	1.5	2.4
08/08/2018	4.86	1.6	2.5
08/10/2018	5.58	2.1	3.3
08/23/2018	15.30	20.2	30.9

Hydrograph of peak WY 2018 impoundment event, 08/23/2018



Phoenix Dam #3, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5								---				
6								---				
7												
8											1	
9										1		
10											1	
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23											13	
24											11	
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	0	0	0	0	0	0	1	26	0
MEAN	0	0	0	0	0	0	0	0	0	0	1	0
MAX	0	0	0	0	0	0	0	0	0	36	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	1	51	0

WTR YR 2018 TOTAL 26 MEAN 0 MAX 52 MIN 0 AC_FT 52

Phoenix Dam #3, volume data

Volume, in acre-feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5								---				
6								---				
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23											4	
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	0	0	0	0	0	0	0	2	20	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 2018 MEAN 0 MAX 20 MIN 0

Phoenix Dam #3, stage data

Depth, in feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.7	0.7	0.7	0.7	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	0.7	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
6	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	0.8	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	3.9	0.7
24	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	2.6	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	0.7	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	0.8	0.7
MAX	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	4.8	15.3	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 2018 MEAN 0.67 MAX 15.30 MIN 0.65

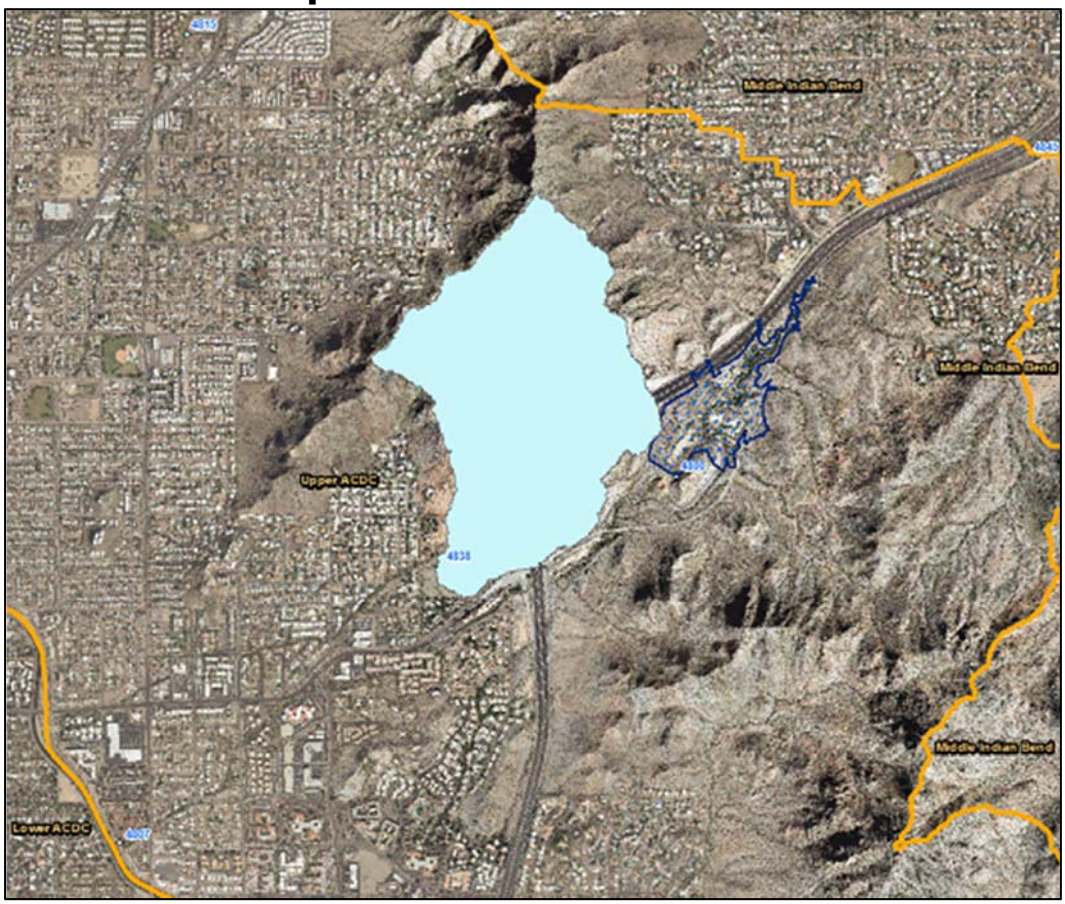
Phoenix Dam #4, ID #4838

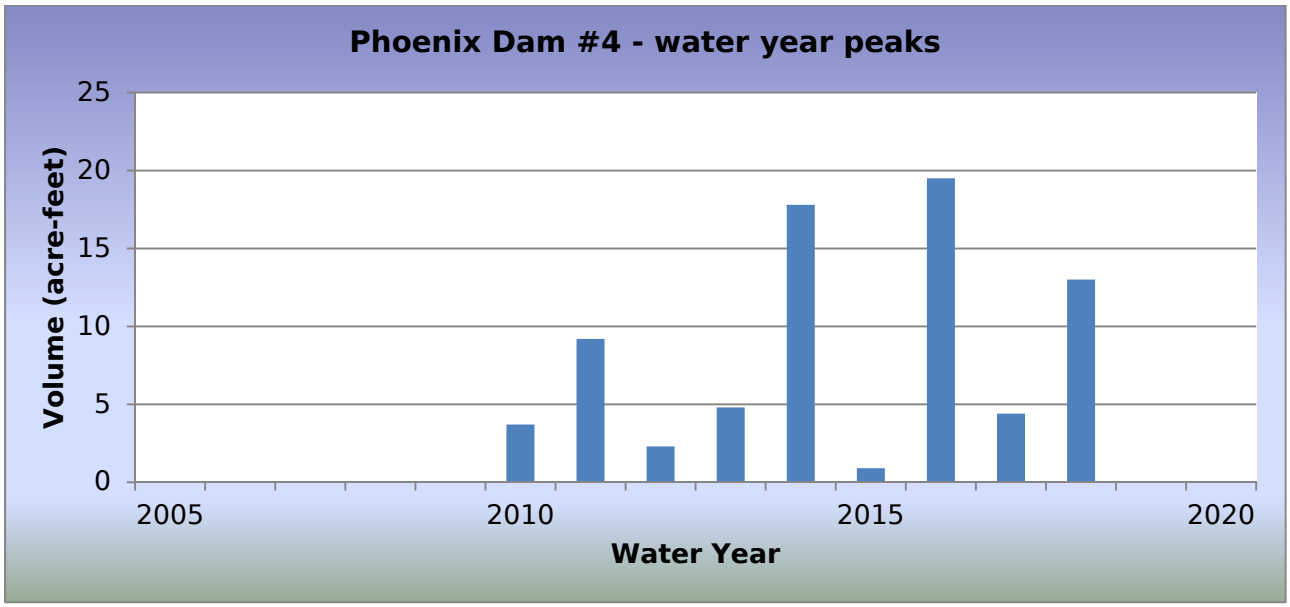


Site Data

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	9.24 Years | 3,374 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

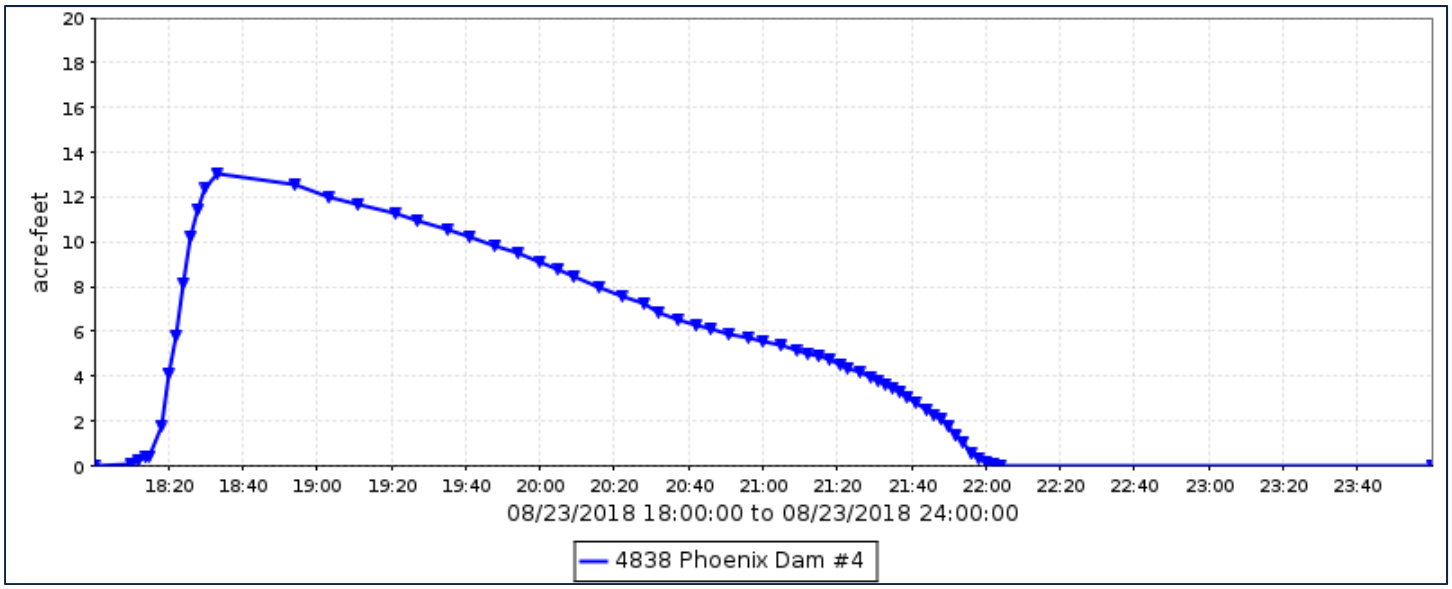




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
08/10/2018	8.35	7.3	17.1
08/23/2018	10.24	13.0	30.4

Hydrograph of peak WY 2018 impoundment event, 08/23/2018



Phoenix Dam #4, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

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

WTR YR 2018 TOTAL 6 MEAN 0 MAX 28 MIN 0 AC_FT 12

Phoenix Dam #4, volume data

Volume, in acre-feet, Water Year October 2017 to September 2018

Daily Mean Values

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

WTR YR 2018 MEAN 0 MAX 13 MIN 0

Phoenix Dam #4, stage data

Depth, in feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
4	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
6	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
7	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
8	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
9	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
10	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.3	0.1
11	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.5	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	1.4	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	0.2	0.1
MAX	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	10.2	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 2018 MEAN 0.11 MAX 10.24 MIN 0.10

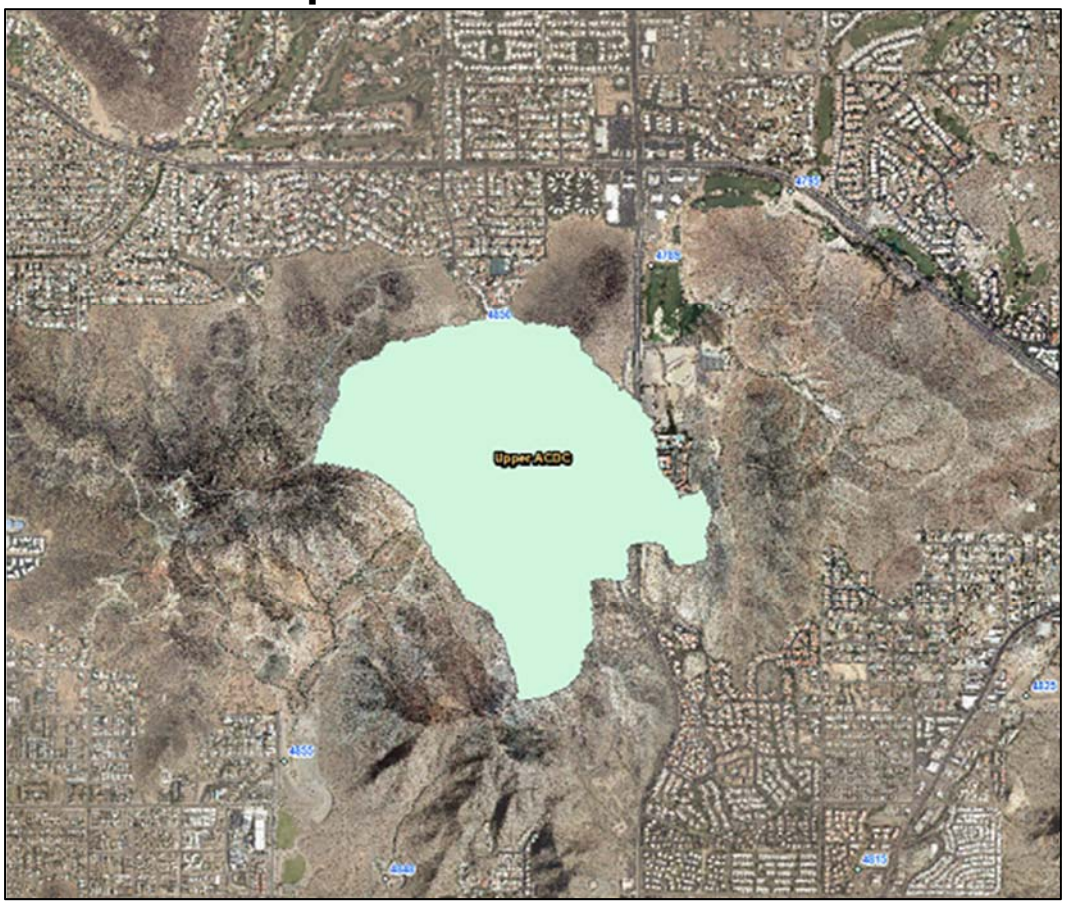
Phoenix Dam #7, ID #4853

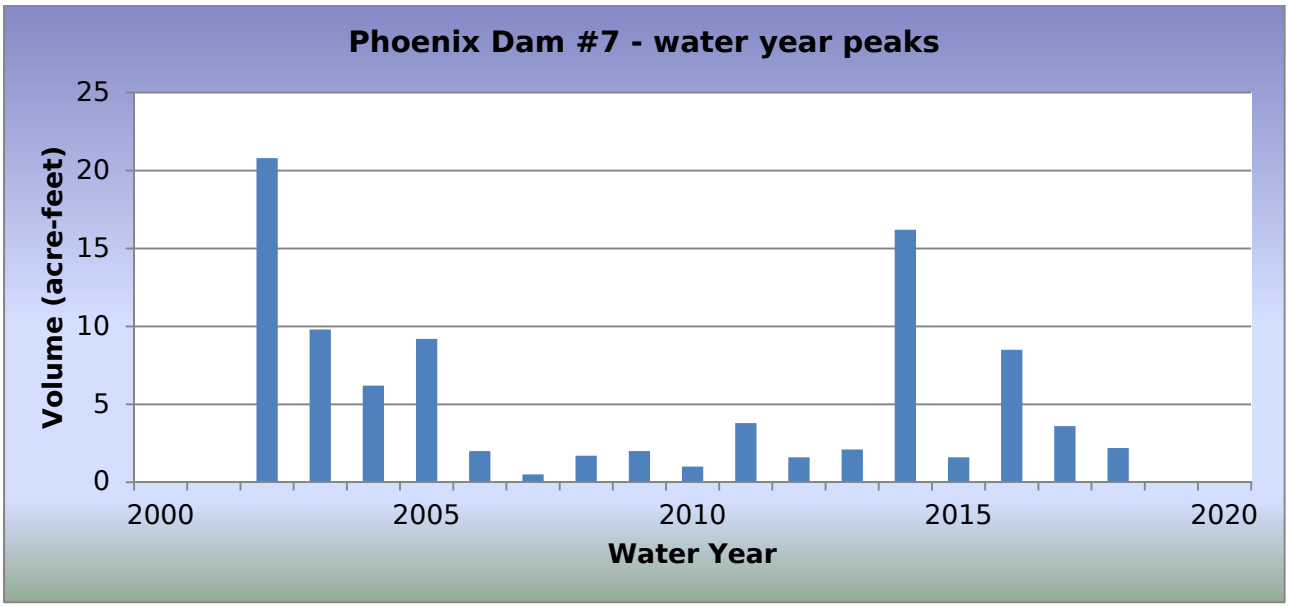


Site Data

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	16.78 Years | 6,130 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	1,371.34 feet NAVD88
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

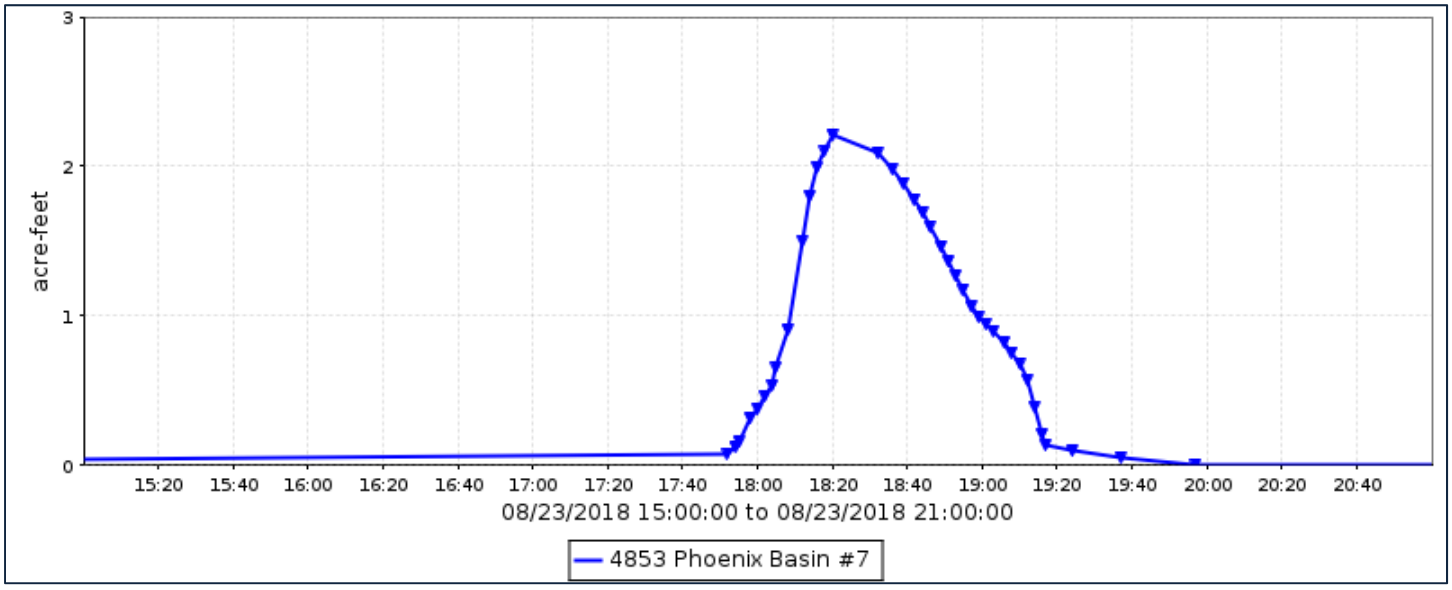




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
01/09/2018	1.73	0.5	0.0
07/09/2018	1.96	0.5	0.0
07/30/2018	1.09	0.3	0.0
08/08/2018	1.21	0.3	0.0
08/23/2018	5.75	2.2	2.1

Hydrograph of peak WY 2018 impoundment event, 08/23/2018



Phoenix Dam #7, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23											2	
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	12	0	0	0	0	0	14	41	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	1	4	0

WTR YR 2018 TOTAL 3 MEAN 0 MAX 41 MIN 0 AC_FT 5

Phoenix Dam #7, volume data

Volume, in acre-feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
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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	2	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 2018 MEAN 0 MAX 2 MIN 0

Phoenix Dam #7, stage data

Depth, in feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
6	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
7	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
8	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
9	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
10	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
11	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
12	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
13	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
14	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
15	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
16	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
17	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
18	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
19	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
20	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
21	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
22	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
23	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.2
24	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
25	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
26	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
27	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
28	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
29	0.2	0.2	0.2	0.2	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2
30	0.2	0.2	0.2	0.2	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2
31	0.2	---	0.2	0.2	---	0.2	---	0.2	---	0.2	0.2	---
MEAN	0.2	0.2	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	1.7	0.2	0.2	0.2	0.2	0.2	2.0	5.8	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 2018 MEAN 0.17 MAX 5.75 MIN 0.17

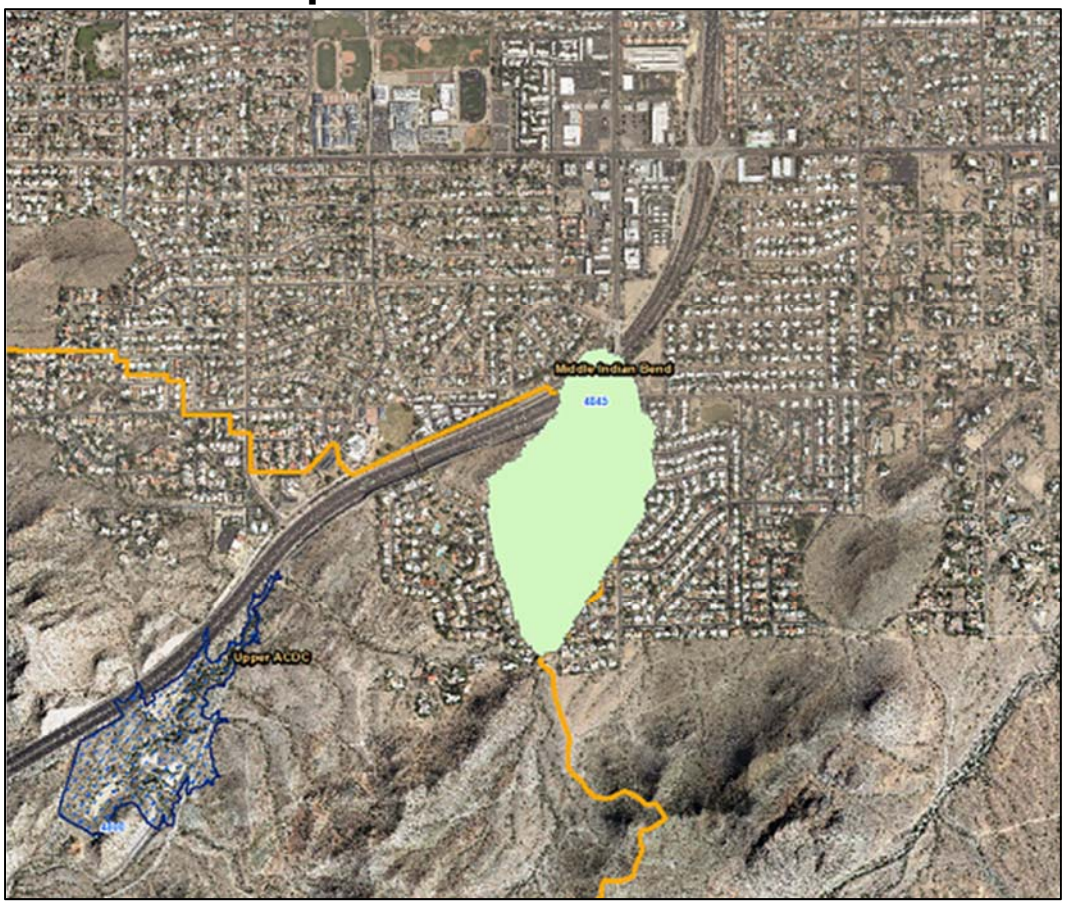
Phoenix Dam #99, ID #4843

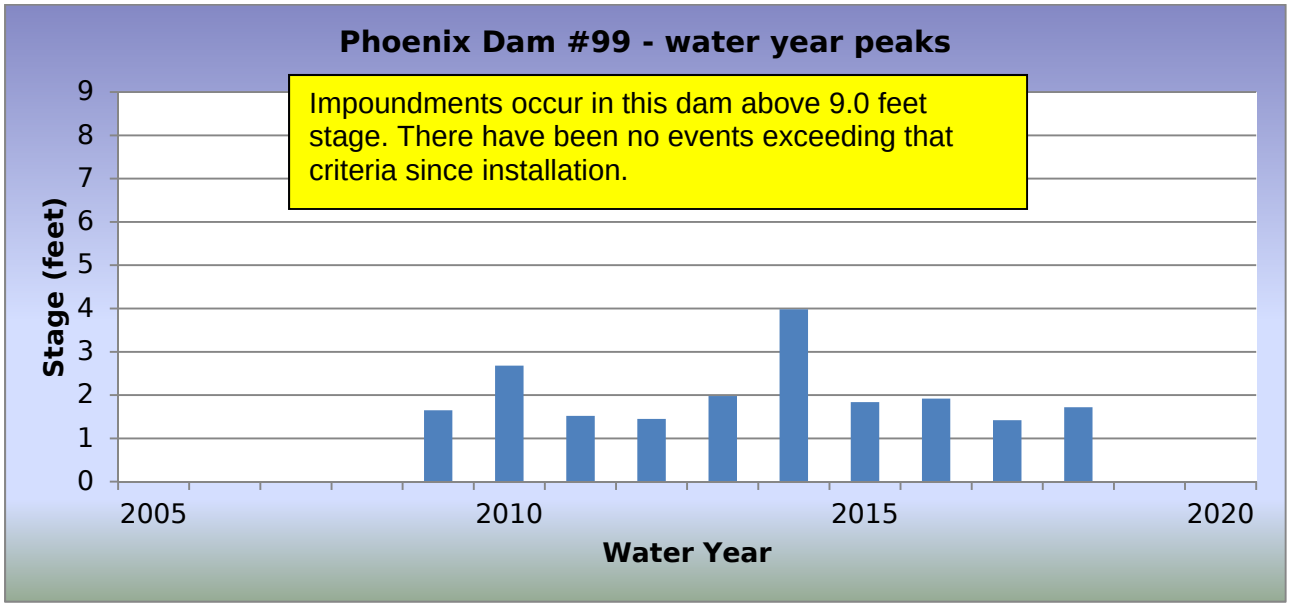


Site Data

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	9.23 Years | 3,373 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

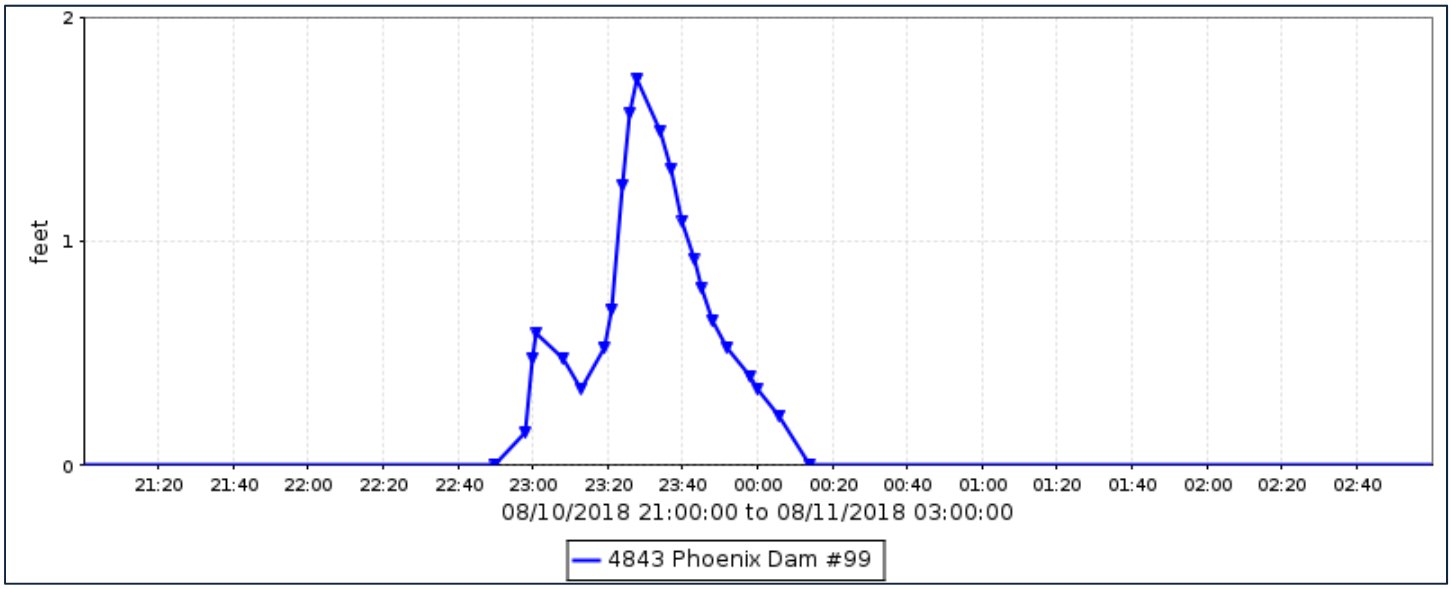




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
01/09/2018	0.67	0.0	0.0
08/10/2018	1.72	0.0	0.0
08/23/2018	0.97	0.0	0.0

Hydrograph of peak WY 2018 impoundment event, 08/10/2018



Phoenix Dam #99, runoff data

Discharge, in cub, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23					---							
24												
25												
26					---							
27												
28												
29					---							
30					---							
31		---			---		---		---			---
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	2	0	0	0	0	0	2	7	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 2018 TOTAL 0 MEAN 0 MAX 7 MIN 0 AC_FT 1

Phoenix Dam #99, volume data

Volume, in acre-feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
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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 2018 MEAN 0 MAX 0 MIN 0

Phoenix Dam #99, stage data

Depth, in feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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
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
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	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.5	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 2018 MEAN 0.00 MAX 1.72 MIN 0.00

Phoenix East Park Dam, ID #4848

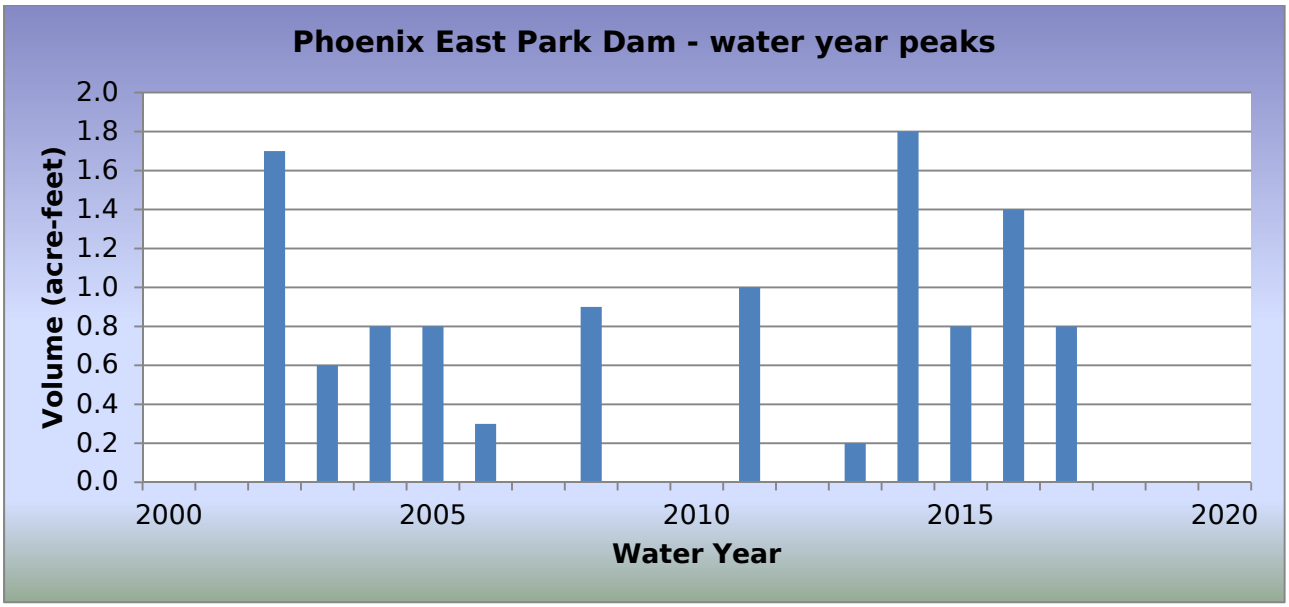


Site Data

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	16.84 Years | 6,151 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





WY2018 Events

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

Hydrograph of peak WY 2018 impoundment event,

No recorded impoundments during Water Year 2018.

Phoenix East Park Dam, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

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

WTR YR 2018 TOTAL 108 MEAN 0 MAX 5 MIN 0 AC_FT 214

Phoenix East Park Dam, volume data

Volume, in acre-feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
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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 2018 MEAN 0 MAX 0 MIN 0

Phoenix East Park Dam, stage data

Depth, in feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
4	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
6	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
7	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
8	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
9	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
10	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
11	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
12	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
13	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
14	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
15	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
16	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
17	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
18	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
19	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
20	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
21	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
22	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
23	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	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	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.7	1.0	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 2018 MEAN 0.10 MAX 1.02 MIN 0.10

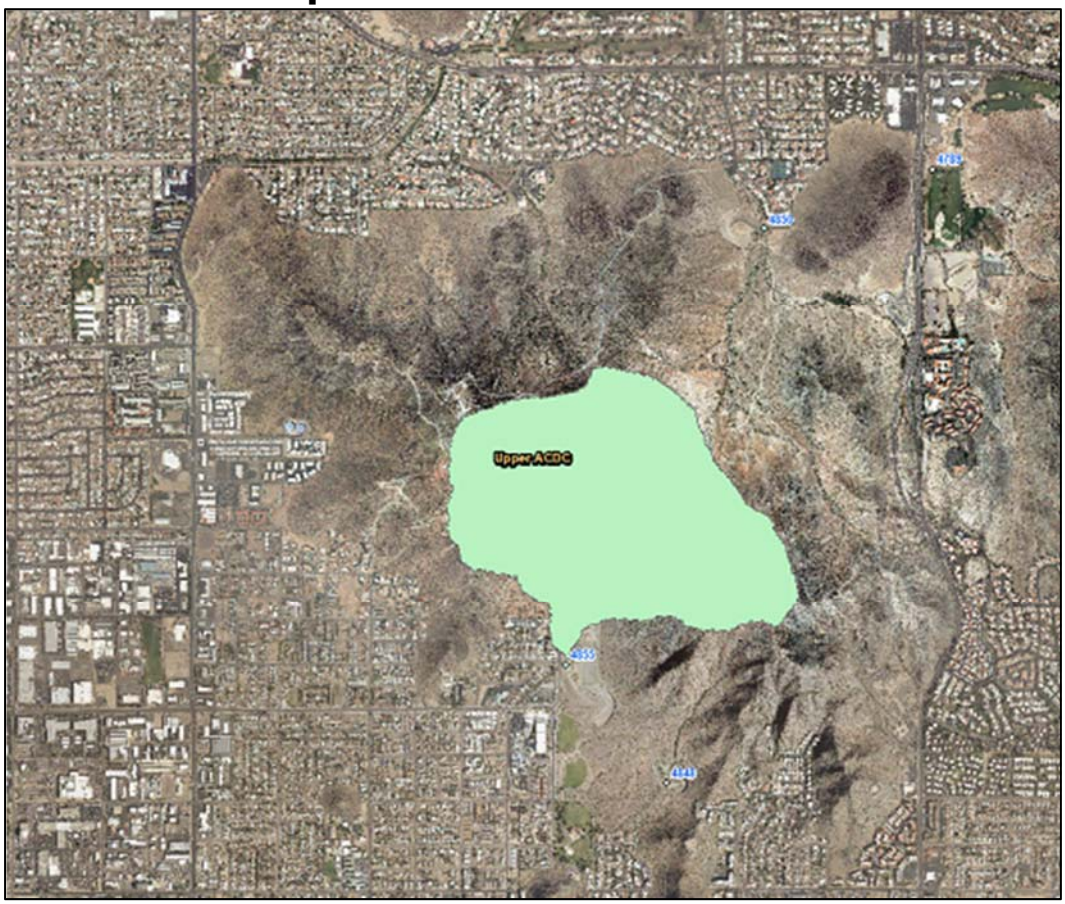
Phoenix West Park Dam, ID #4858

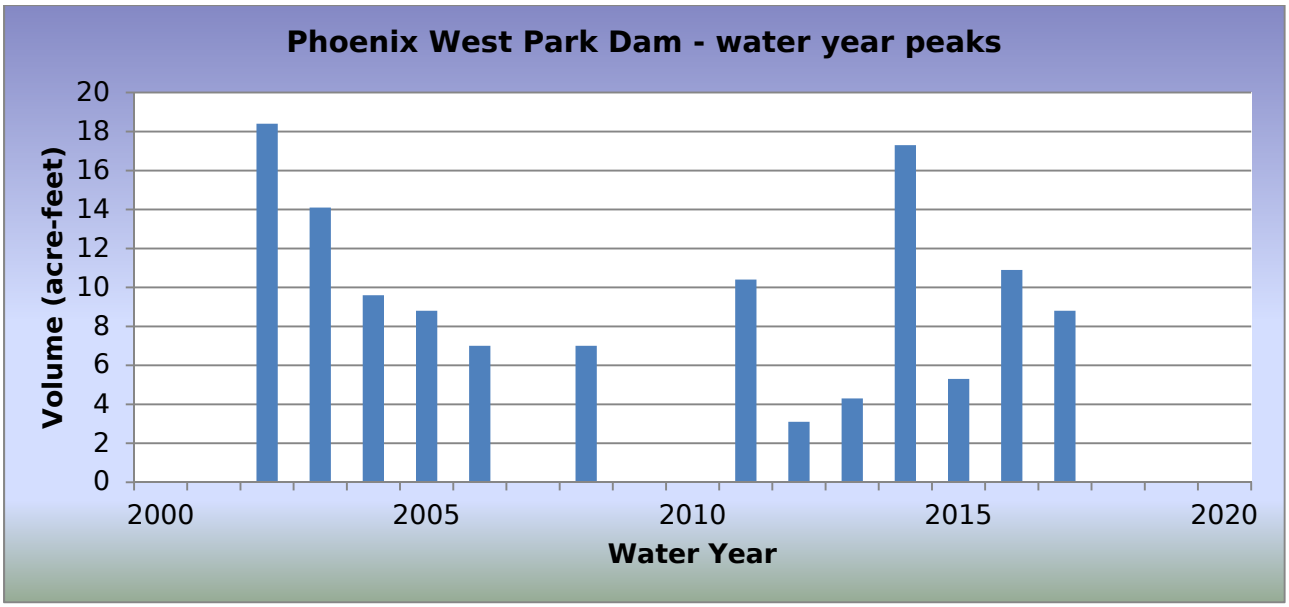


Site Data

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	16.84 Years | 6,150 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

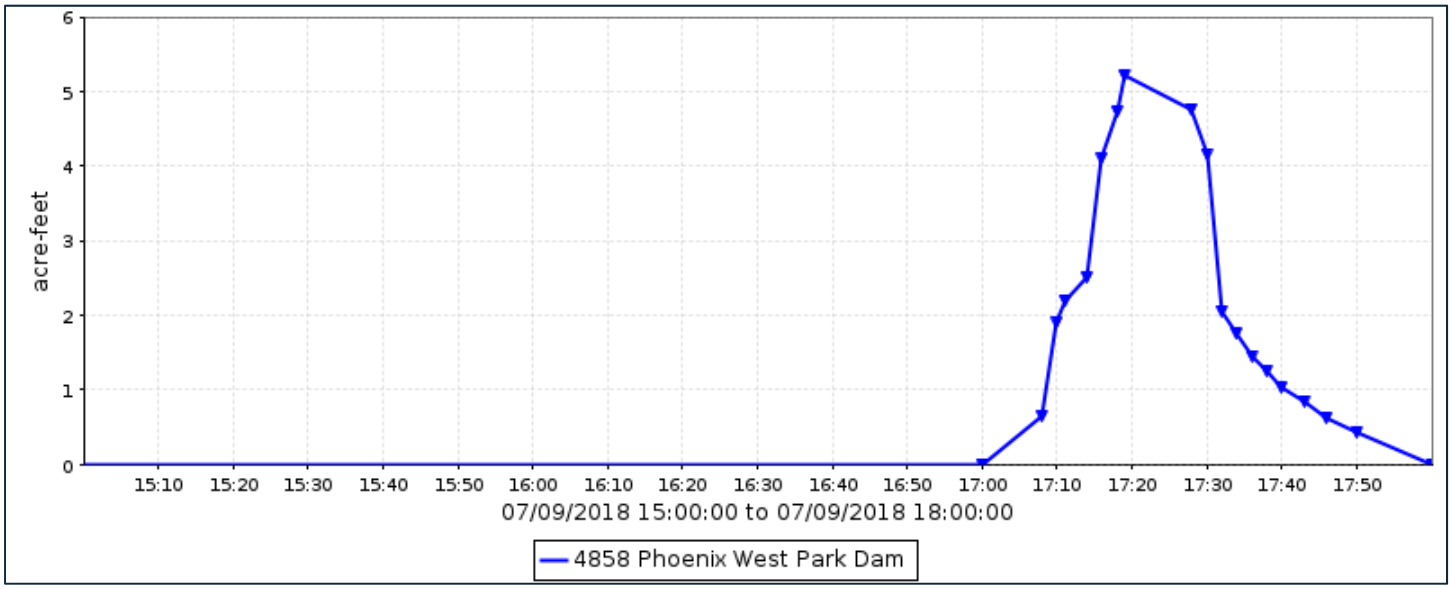




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
01/09/2018	2.10	3.2	2.8
07/09/2018	3.46	5.2	4.6
08/23/2018	1.27	1.9	1.7

Hydrograph of peak WY 2018 impoundment event, 07/09/2018



Phoenix West Park Dam, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
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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	16	0	0	0	0	0	28	7	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	0	0	0	1	0	0

WTR YR 2018 TOTAL 1 MEAN 0 MAX 28 MIN 0 AC_FT 1

Phoenix West Park Dam, volume data

Volume, in acre-feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
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13												
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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	0	0	0	0	0	5	2	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 2018 MEAN 0 MAX 5 MIN 0

Phoenix West Park Dam, stage data

Depth, in feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
6	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
7	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
8	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
9	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
10	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
11	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
12	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
13	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
14	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
15	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
16	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
17	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
18	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
19	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
20	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
21	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
22	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
23	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
24	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
25	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
26	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
27	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
28	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
29	0.2	0.2	0.2	0.2	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2
30	0.2	0.2	0.2	0.2	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2
31	0.2	---	0.2	0.2	---	0.2	---	0.2	---	0.2	0.2	---
MEAN	0.2	0.2	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	2.1	0.2	0.2	0.2	0.2	0.2	3.5	1.3	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 2018 MEAN 0.20 MAX 3.46 MIN 0.20

Phoenix Zoo Dam #3, ID #4307

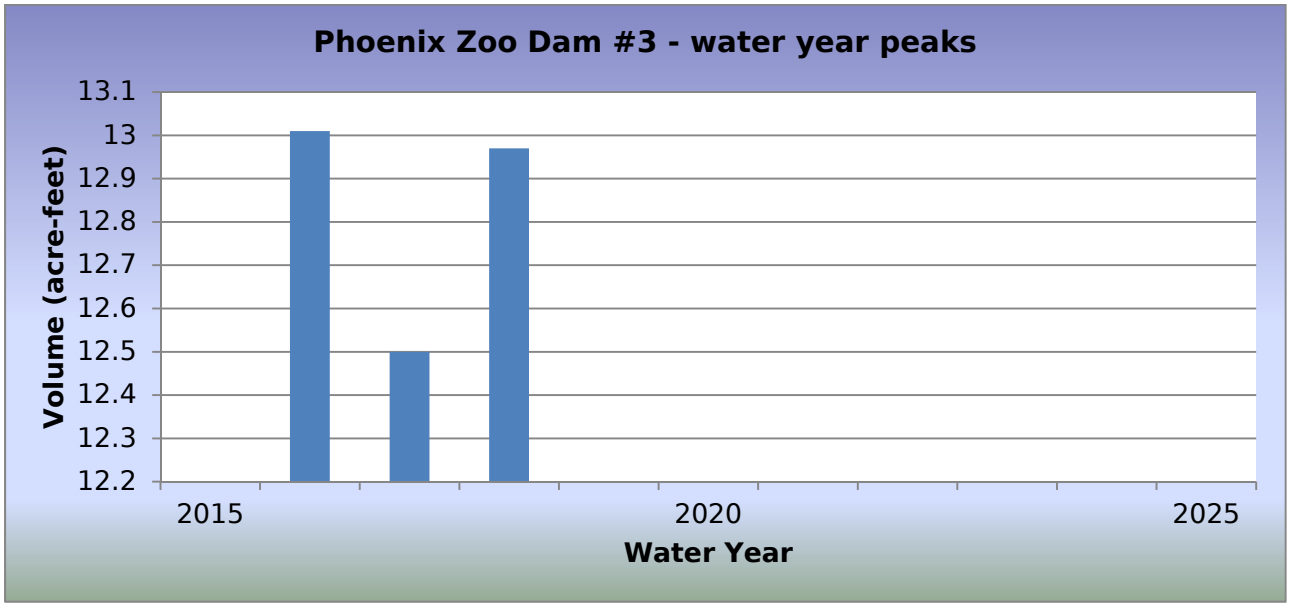


Site Data

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	2.43 Years | 889 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

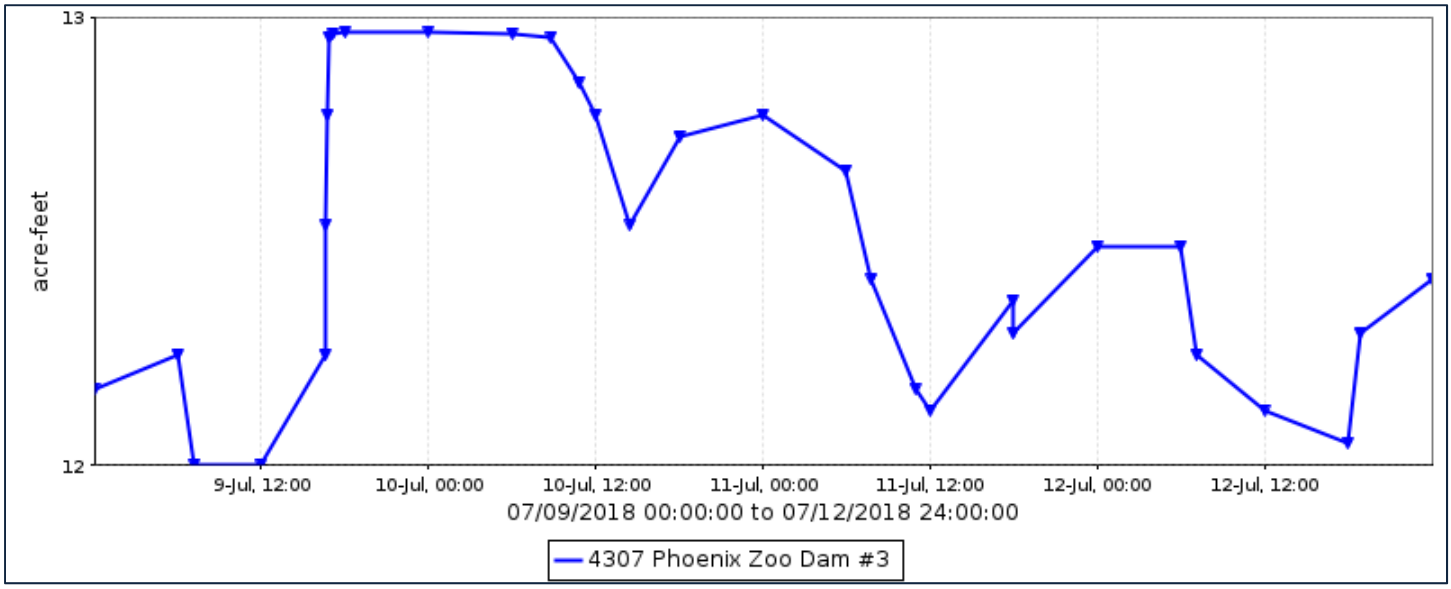




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
07/10/2018	9.50	12.97	98.0

Hydrograph of peak WY 2018 impoundment, 07/10/2018



Phoenix Zoo Dam #3, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
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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 2018 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

Phoenix Zoo Dam #3, volume data

Volume, in acre-feet, Water Year October 2017 to September 2018

Daily Mean Values

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

WTR YR 2018 MEAN 12 MAX 13 MIN 12

Phoenix Zoo Dam #3, stage data

Depth, in feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.9	9.0	9.6	9.2	8.9	9.3	9.1	9.2	9.1	9.0	8.9	8.9
2	8.9	9.2	9.7	9.2	8.9	9.6	9.1	9.3	9.1	9.0	9.0	8.9
3	8.9	9.2	9.8	9.2	8.9	9.9	9.1	9.3	9.0	9.0	9.0	9.0
4	8.9	9.3	9.9	9.2	8.9	10.2	9.2	9.3	9.0	8.9	9.0	9.1
5	8.9	9.3	9.8	9.2	8.9	10.2	9.1	9.3	9.0	8.9	9.0	9.1
6	8.9	9.4	9.2	9.2	8.9	9.9	9.0	9.5	9.0	8.9	8.9	9.1
7	8.9	9.4	9.1	9.2	8.9	9.7	9.0	9.5	9.0	8.9	8.9	9.2
8	8.9	9.5	9.1	9.2	8.9	9.6	9.0	9.5	9.0	8.9	9.0	9.1
9	8.9	9.5	9.1	9.1	9.1	9.6	9.1	9.4	9.0	9.1	9.0	9.0
10	8.9	9.5	9.1	9.1	9.2	9.7	9.0	9.3	9.0	9.3	9.1	9.0
11	8.9	9.5	9.1	9.1	9.2	9.7	9.1	9.2	9.0	9.1	9.1	9.0
12	8.9	9.6	9.1	9.0	9.4	9.8	9.1	9.2	9.0	9.0	9.0	9.0
13	8.9	9.6	9.1	9.0	9.3	9.8	9.0	9.3	9.0	9.0	9.0	9.0
14	8.9	9.7	9.1	9.0	9.3	9.4	9.0	9.3	9.0	9.1	8.9	9.0
15	8.9	9.7	9.2	8.9	9.3	9.2	9.0	9.3	9.0	9.2	8.9	9.0
16	8.9	9.7	9.2	8.9	9.3	9.1	9.1	9.4	9.1	9.2	8.9	9.0
17	8.9	9.8	9.2	8.9	9.3	9.1	9.1	9.4	9.0	9.2	8.9	9.0
18	8.9	9.9	9.2	8.9	9.3	9.1	9.1	9.4	9.0	9.2	8.9	9.0
19	8.9	9.9	9.2	8.9	9.3	9.1	9.1	9.4	9.0	9.2	8.9	9.1
20	8.9	9.9	9.2	8.9	9.2	9.1	9.1	9.4	9.0	9.1	8.9	9.1
21	8.9	9.9	9.2	8.9	9.2	9.1	9.1	9.4	9.0	9.1	8.9	9.1
22	8.9	9.9	9.2	8.9	9.3	9.1	9.1	9.4	9.0	9.0	8.9	9.1
23	8.9	9.7	9.2	8.9	9.3	9.1	9.2	9.3	8.9	9.0	8.9	9.1
24	8.9	9.6	9.2	8.9	9.3	9.1	9.2	9.2	9.0	9.0	8.9	9.1
25	8.9	9.5	9.2	8.9	9.3	9.1	9.2	9.1	9.0	9.0	9.2	9.1
26	8.9	9.4	9.2	8.9	9.2	9.1	9.2	9.1	9.0	9.0	9.3	9.1
27	8.9	9.4	9.2	8.9	9.3	9.1	9.1	9.0	9.0	8.9	9.2	9.1
28	8.9	9.4	9.2	8.9	9.3	9.1	9.1	9.0	9.0	8.9	9.1	9.1
29	8.9	9.4	9.1	8.9	---	9.1	9.2	9.0	9.0	8.9	9.0	9.1
30	8.9	9.5	9.2	8.9	---	9.1	9.2	9.0	9.0	8.9	8.9	9.1
31	8.9	---	9.2	8.9	---	9.1	---	9.0	---	9.0	8.9	---
MEAN	8.9	9.5	9.2	9.0	9.2	9.4	9.1	9.3	9.0	9.0	9.0	9.0
MAX	8.9	10.0	10.1	9.3	9.4	10.5	9.3	9.7	9.2	9.5	9.4	9.3
MIN	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9

WTR YR 2018 MEAN 9.14 MAX 10.52 MIN 8.90

Phoenix Zoo Dam #5, ID #4407

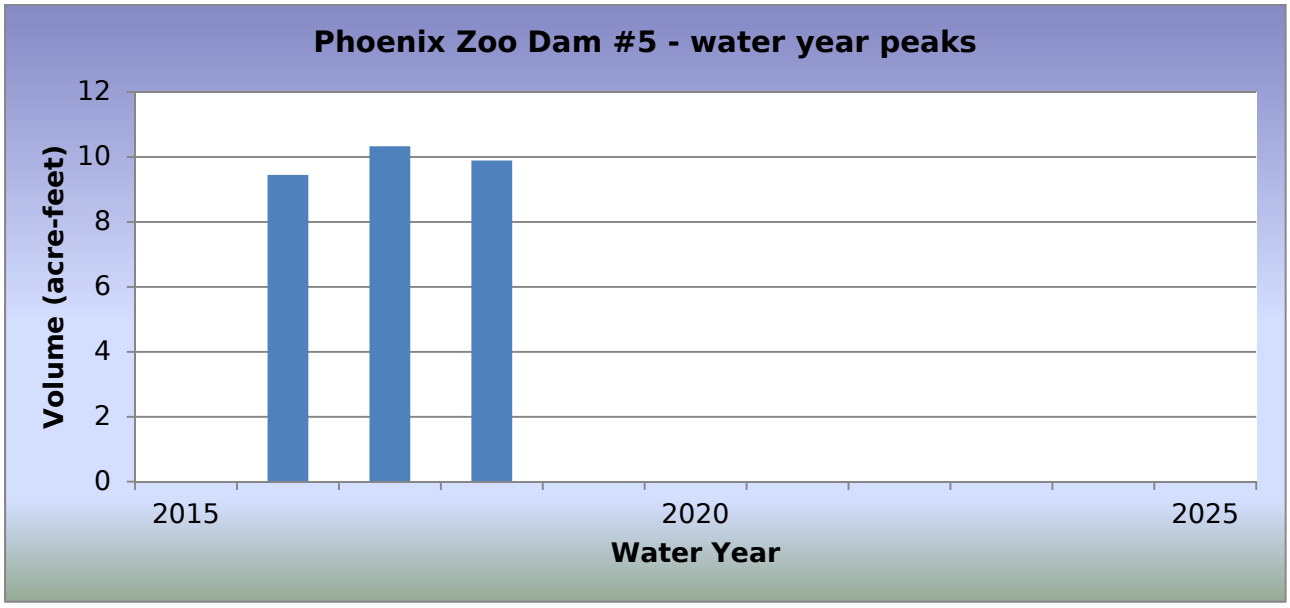


Site Data

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	2.43 Years | 886 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

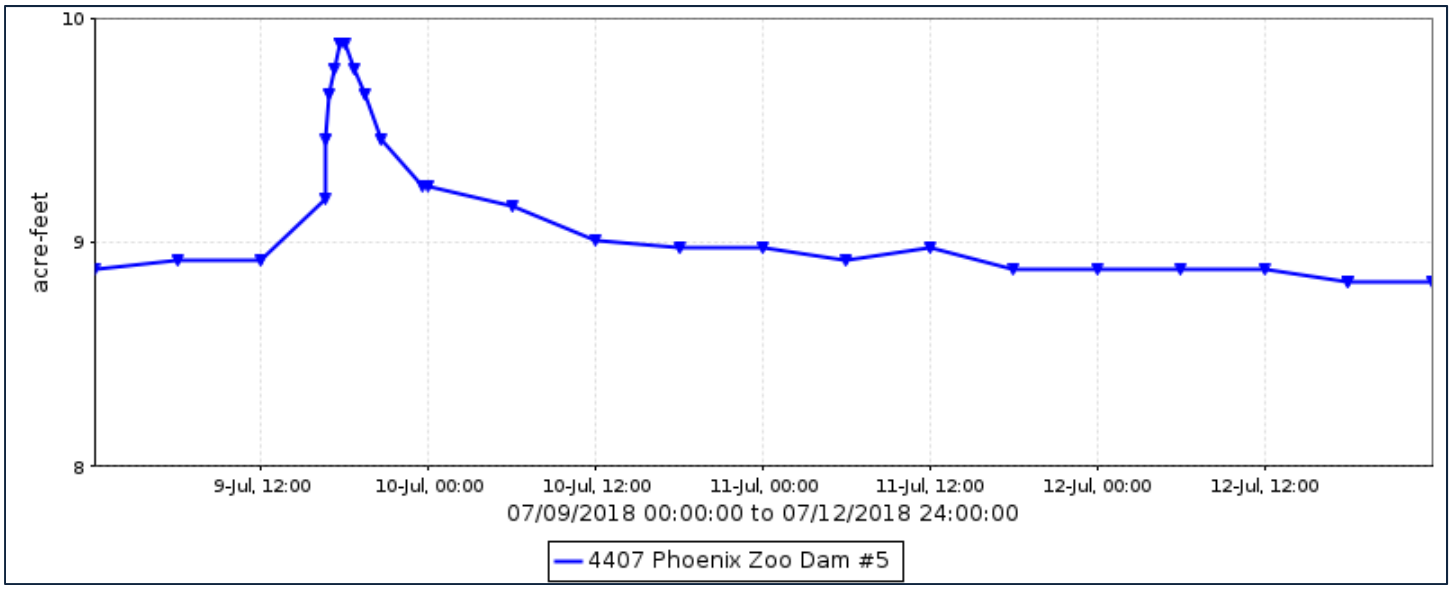




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
07/09/2018	8.93	9.89	102.9

Hydrograph of peak WY 2018 impoundment event, 07/09/2018



Phoenix Zoo Dam #5, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
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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 2018 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

Phoenix Zoo Dam #5, volume data

Volume, in acre-feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	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	9	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	9	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	9	9	9	9	9	9	10	10	9
MIN	9	9	9	9	9	9	9	9	9	9	9	9

WTR YR 2018 MEAN 9 MAX 10 MIN 9

Phoenix Zoo Dam #5, stage data

Depth, in feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.3	8.4	8.4	8.4	8.3	8.4	8.4	8.4	8.4	8.4	8.3	8.3
2	8.3	8.4	8.4	8.4	8.3	8.4	8.4	8.4	8.4	8.4	8.3	8.3
3	8.3	8.4	8.3	8.4	8.3	8.3	8.4	8.4	8.4	8.4	8.3	8.3
4	8.3	8.4	8.3	8.4	8.3	8.3	8.4	8.4	8.4	8.3	8.3	8.4
5	8.3	8.4	8.4	8.4	8.3	8.4	8.4	8.4	8.4	8.4	8.3	8.4
6	8.3	8.4	8.4	8.4	8.3	8.5	8.4	8.4	8.4	8.3	8.3	8.4
7	8.4	8.4	8.4	8.4	8.3	8.5	8.4	8.4	8.4	8.4	8.3	8.4
8	8.4	8.4	8.4	8.4	8.3	8.4	8.4	8.4	8.4	8.3	8.3	8.4
9	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.5	8.3	8.4
10	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.5	8.4
11	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.5	8.4
12	8.4	8.4	8.4	8.3	8.4	8.4	8.4	8.4	8.4	8.3	8.4	8.4
13	8.4	8.4	8.4	8.3	8.4	8.4	8.4	8.4	8.4	8.3	8.4	8.4
14	8.4	8.4	8.4	8.3	8.4	8.5	8.4	8.3	8.4	8.3	8.4	8.4
15	8.4	8.4	8.4	8.3	8.4	8.4	8.4	8.3	8.3	8.3	8.3	8.4
16	8.4	8.4	8.4	8.3	8.4	8.4	8.4	8.4	8.4	8.2	8.3	8.4
17	8.4	8.4	8.4	8.3	8.4	8.4	8.4	8.4	8.4	8.2	8.3	8.4
18	8.4	8.4	8.4	8.3	8.4	8.4	8.4	8.3	8.4	8.2	8.3	8.4
19	8.4	8.4	8.4	8.3	8.4	8.4	8.4	8.3	8.4	8.2	8.3	8.4
20	8.4	8.4	8.4	8.3	8.4	8.4	8.4	8.3	8.4	8.3	8.3	8.4
21	8.4	8.4	8.4	8.3	8.4	8.4	8.4	8.3	8.4	8.3	8.2	8.4
22	8.4	8.4	8.4	8.3	8.4	8.4	8.4	8.4	8.4	8.3	8.2	8.4
23	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.3	8.2	8.4
24	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.3	8.2	8.4
25	8.4	8.4	8.4	8.3	8.4	8.4	8.4	8.4	8.4	8.3	8.2	8.4
26	8.4	8.4	8.4	8.3	8.4	8.4	8.4	8.4	8.4	8.3	8.4	8.4
27	8.4	8.4	8.4	8.3	8.4	8.4	8.4	8.4	8.4	8.3	8.5	8.4
28	8.4	8.4	8.4	8.3	8.4	8.4	8.4	8.4	8.4	8.3	8.4	8.4
29	8.4	8.4	8.4	8.3	---	8.4	8.4	8.4	8.3	8.3	8.4	8.4
30	8.4	8.4	8.4	8.3	---	8.4	8.4	8.4	8.3	8.3	8.3	8.4
31	8.4	---	8.4	8.3	---	8.4	---	8.4	---	8.3	8.3	---
MEAN	8.4	8.4	8.4	8.3	8.4	8.4	8.4	8.4	8.4	8.3	8.3	8.4
MAX	8.4	8.6	8.5	8.4	8.6	8.5	8.6	8.4	8.5	8.9	8.8	8.4
MIN	8.3	8.4	8.3	8.3	8.3	8.3	8.4	8.3	8.3	8.2	8.2	8.3

WTR YR 2018 MEAN 8.38 MAX 8.93 MIN 8.18

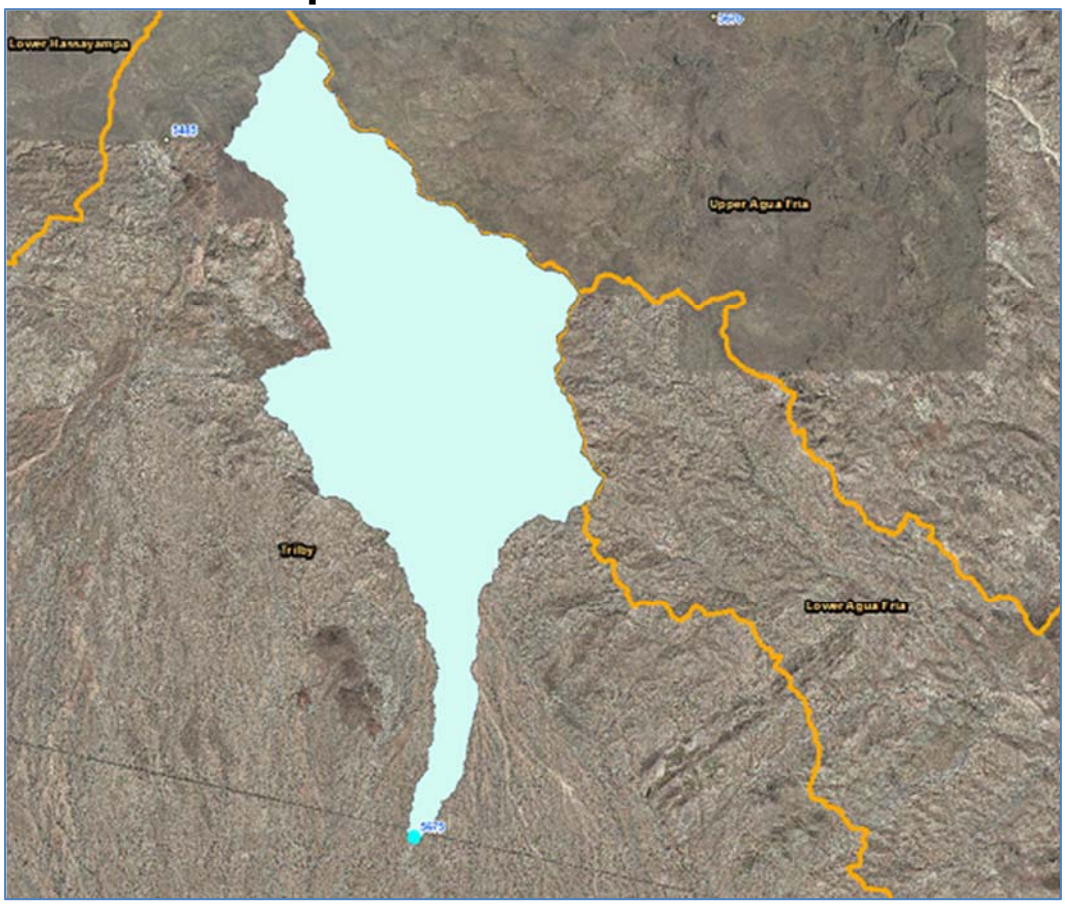
Picacho Wash, ID #5678

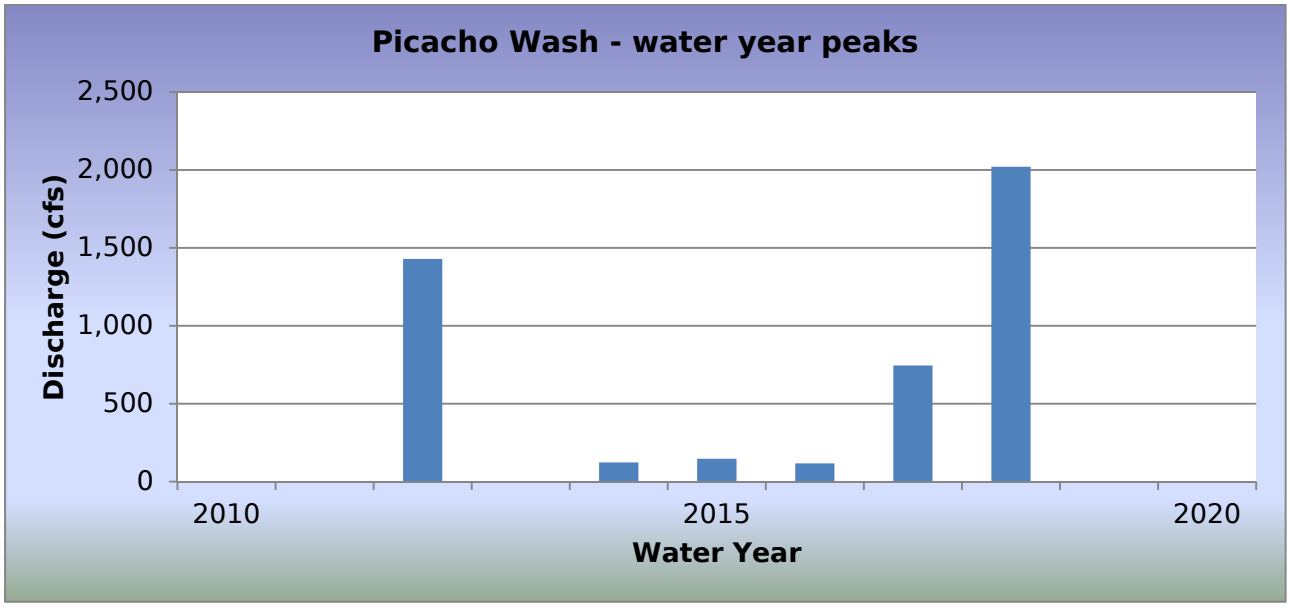


Site Data

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	6.47 Years | 2,364 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	1,961.78 feet NAVD 1988
POINT OF ZERO FLOW	0.1 feet
EXTREME FOR PERIOD OF RECORD	2,012 cfs | 4.07 feet | 07/11/2018

Watershed Map

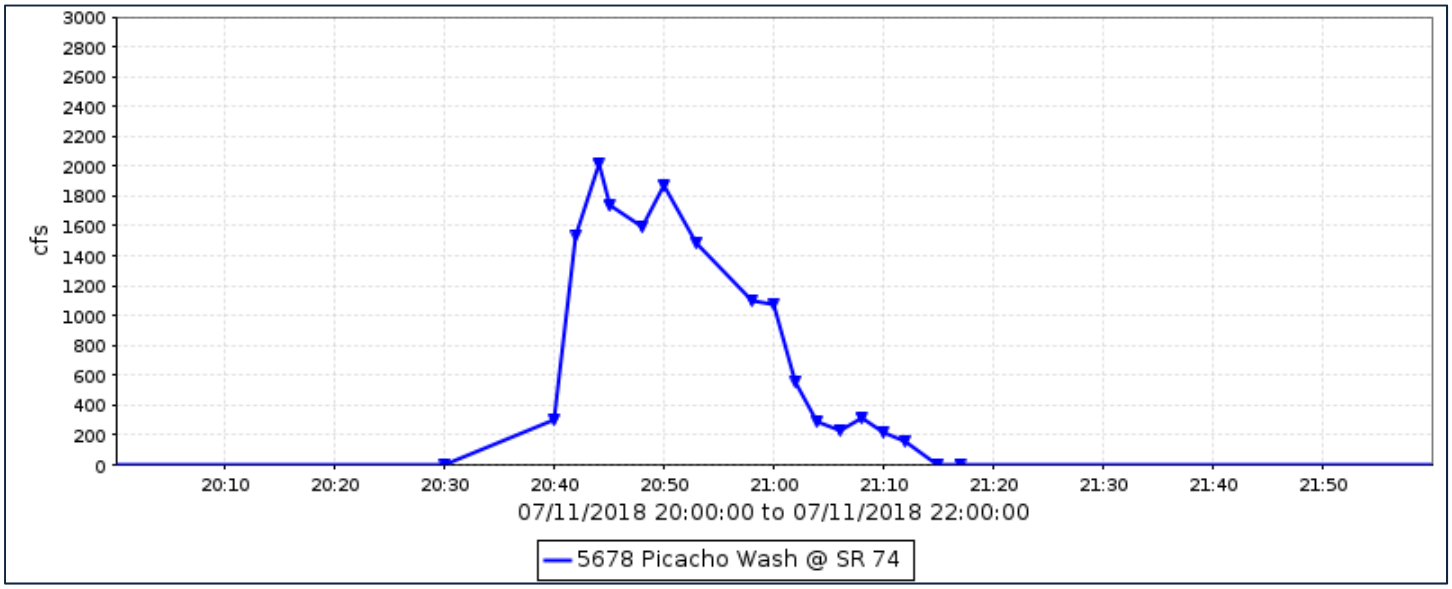




WY2018 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
07/11/2018	4.07	2,012
08/17/2018	2.10	395

Hydrograph of peak WY 2018 flow event, 07/11/2018



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 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11										24		
12												
13												
14												
15												
16												
17											3	
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	0	0	0	0	0	0	24	3	0
MEAN	0	0	0	0	0	0	0	0	0	1	0	0
MAX	0	0	0	0	0	0	0	0	0	2012	395	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	48	7	0

WTR YR 2018 TOTAL 28 MEAN 0 MAX 2012 MIN 0 AC_FT 55

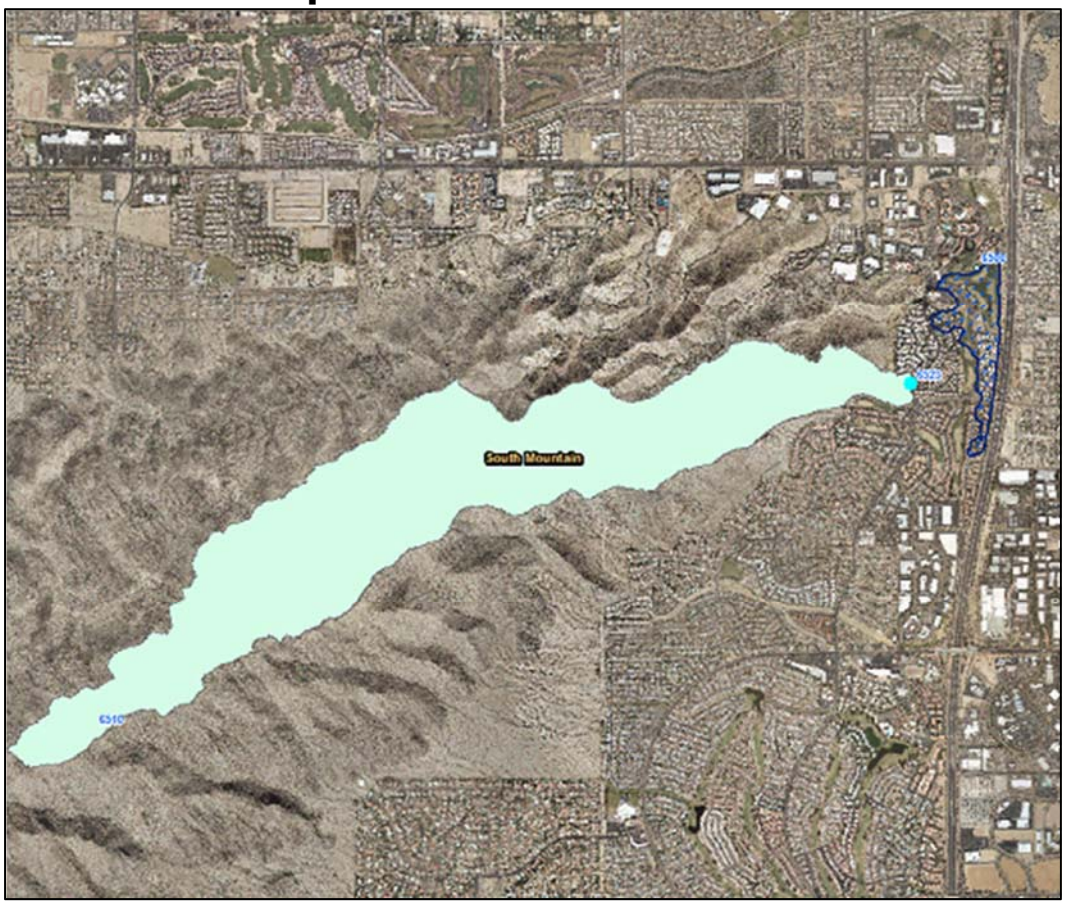
Pima Canyon Wash, ID #6523

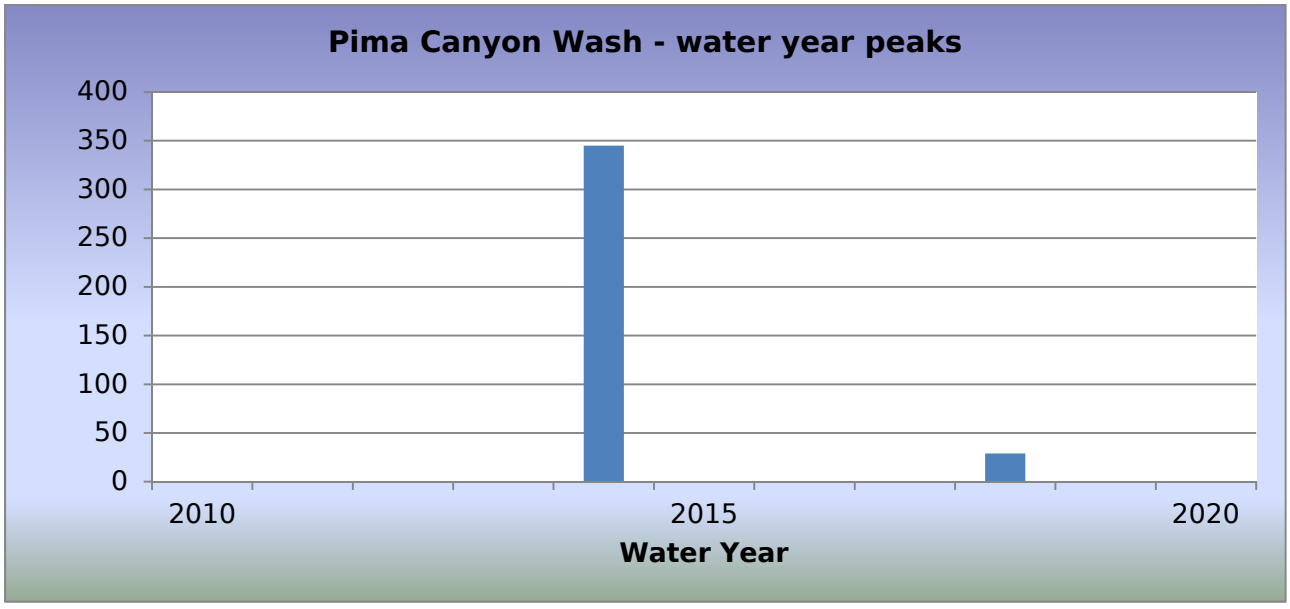


Site Data

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	4.46 Years | 1,630 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	1,302.90 feet NAVD88
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

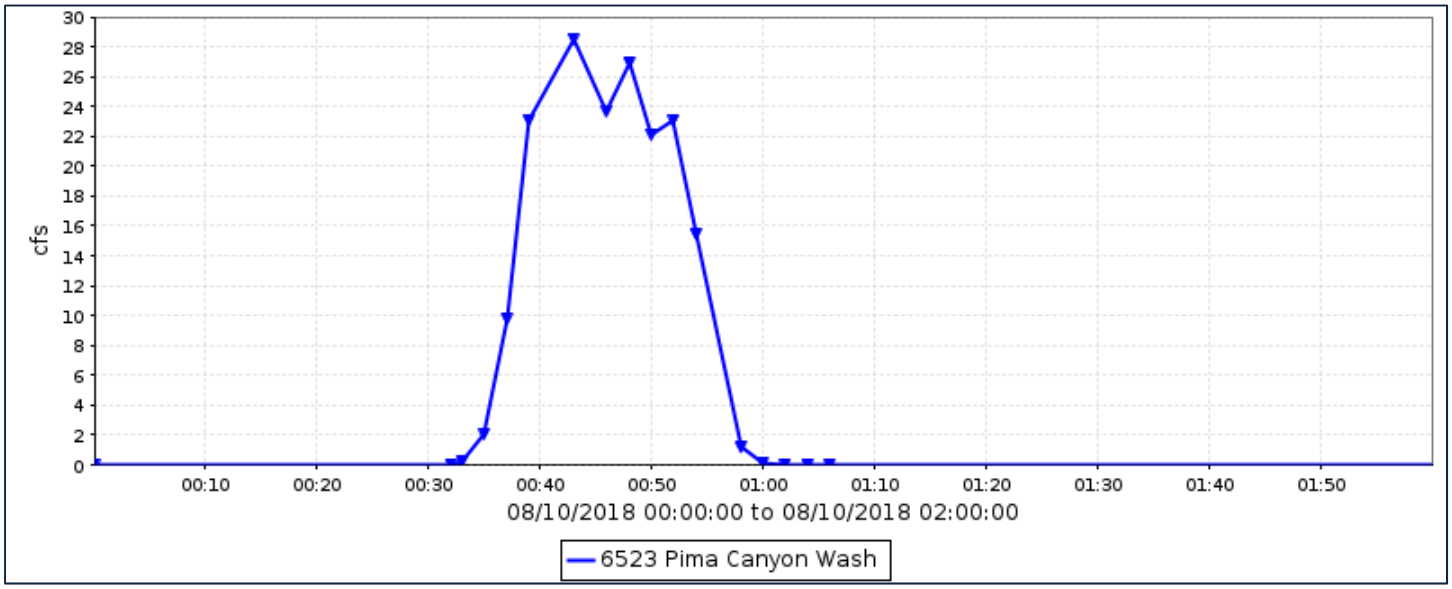




WY2018 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
08/10/2018 (00:43)	2.87	29
08/10/2018 (23:27)	2.65	22

Hydrograph of peak WY 2018 flow event, 08/10/2018



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 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
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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	29	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	0	0	0	0	1	0

WTR YR 2018 TOTAL 0 MEAN 0 MAX 29 MIN 0 AC_FT 1

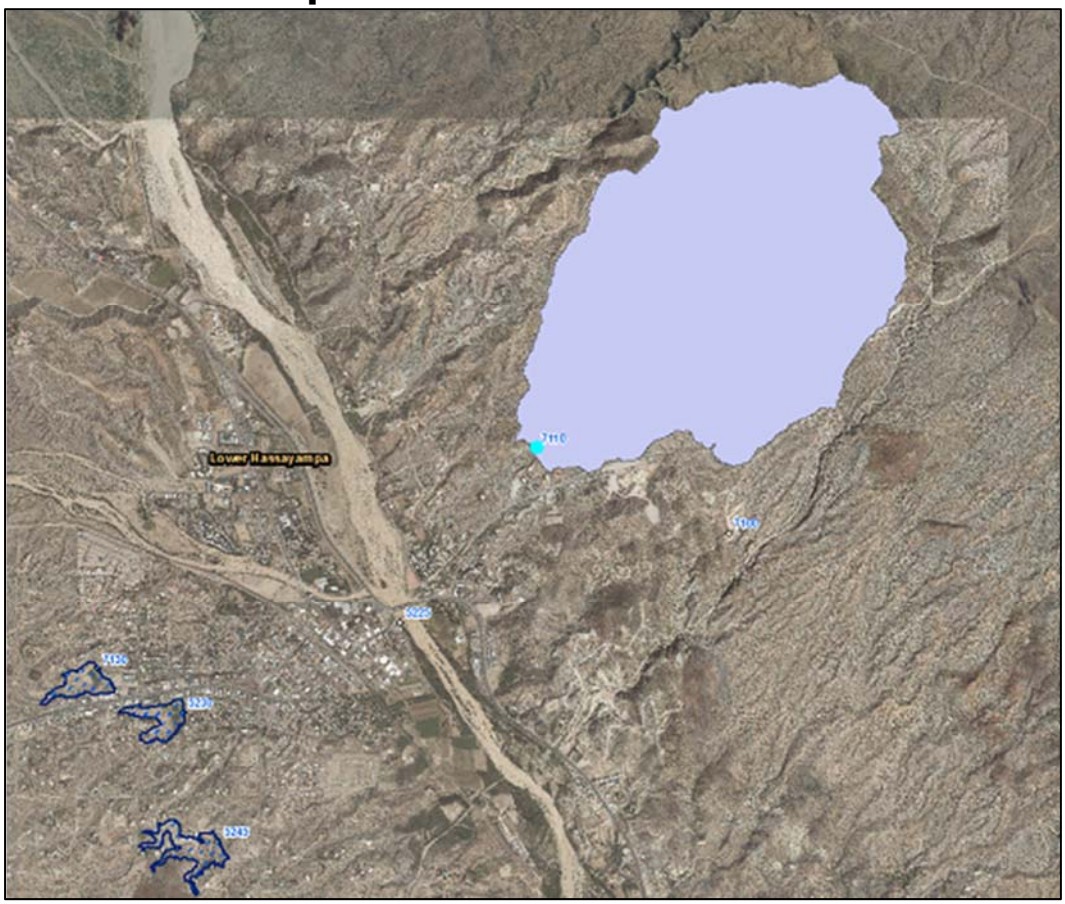
Powder House Wash, ID #7113

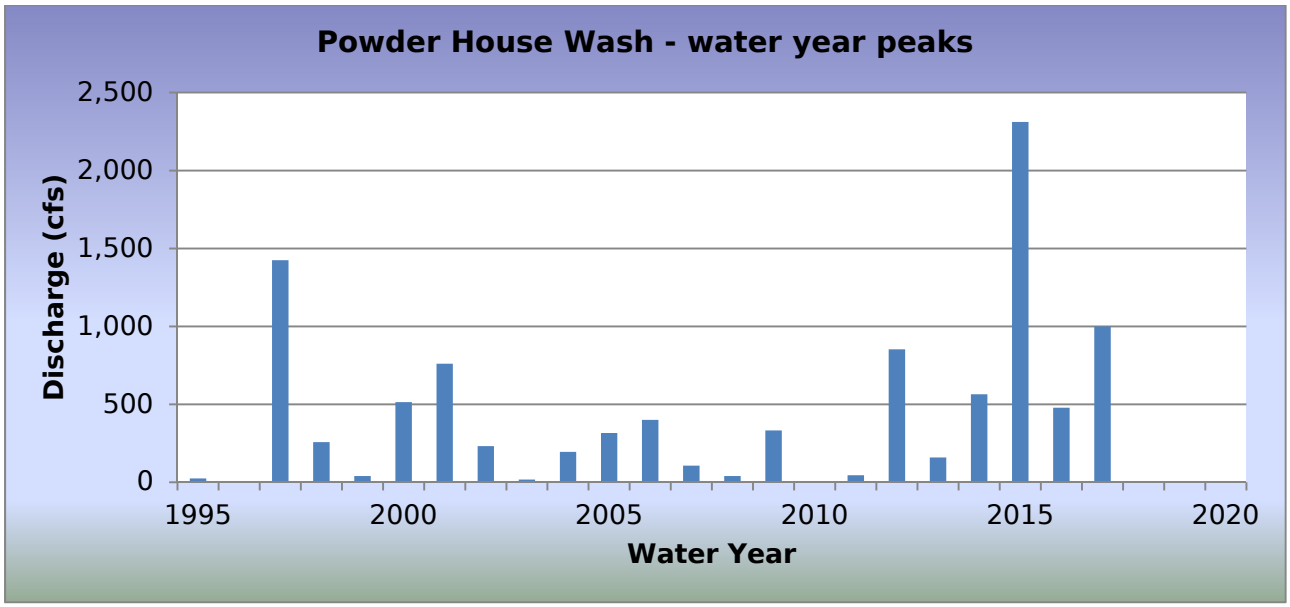


Site Data

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	23.37 Years | 8,537 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





WY2018 Events

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

Hydrograph of peak WY 2018 flow event,

No runoff recorded during Water Year 2018. Sensor level is about 0.5 feet above channel bottom, so flow likely occurred, but missed the sensor.

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**
183	**672**	**1,260**	**2,060**	**3,510**	**4,890**

NOTE: These results are based on very limited data.

Powder House Wash, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
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 2018 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

NOTE: Elevation of level sensor is about 0.5 feet above channel. There is evidence that flow occurred in summer 2018, but was not recorded by the level sensor.

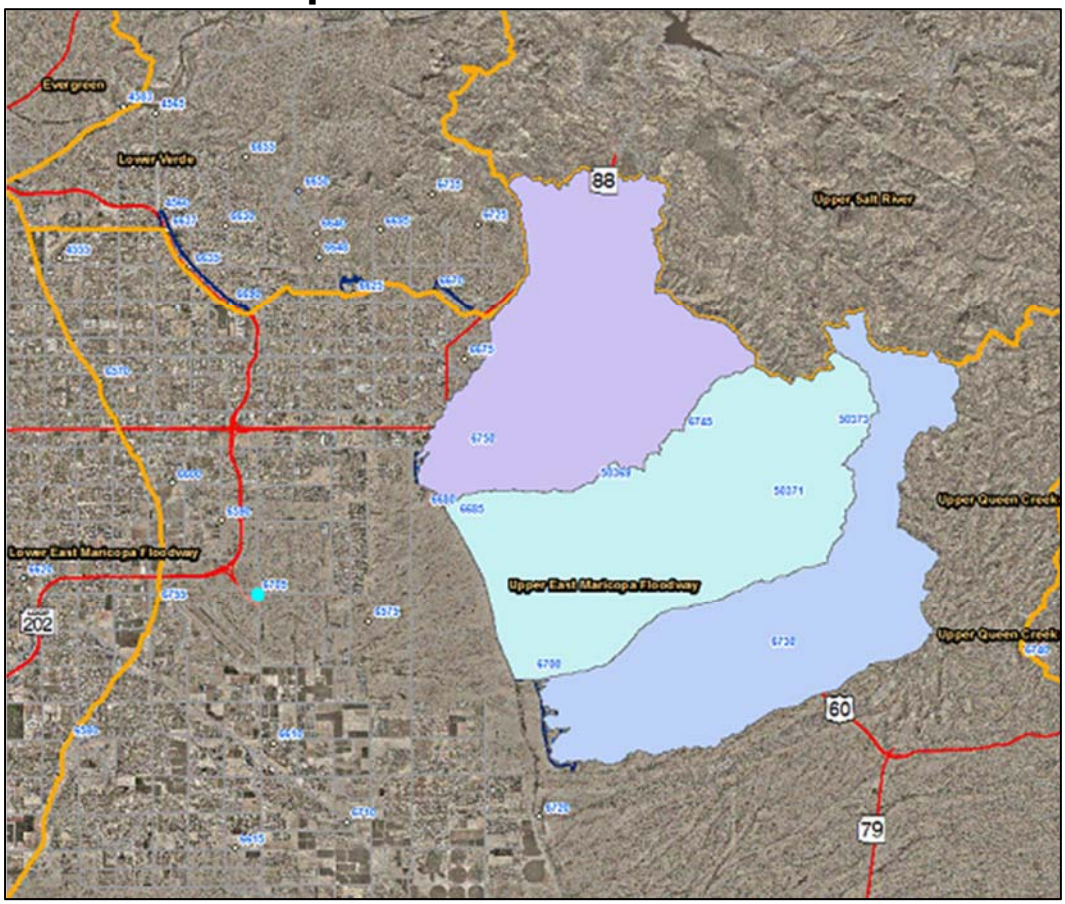
Powerline Floodway, ID #6708

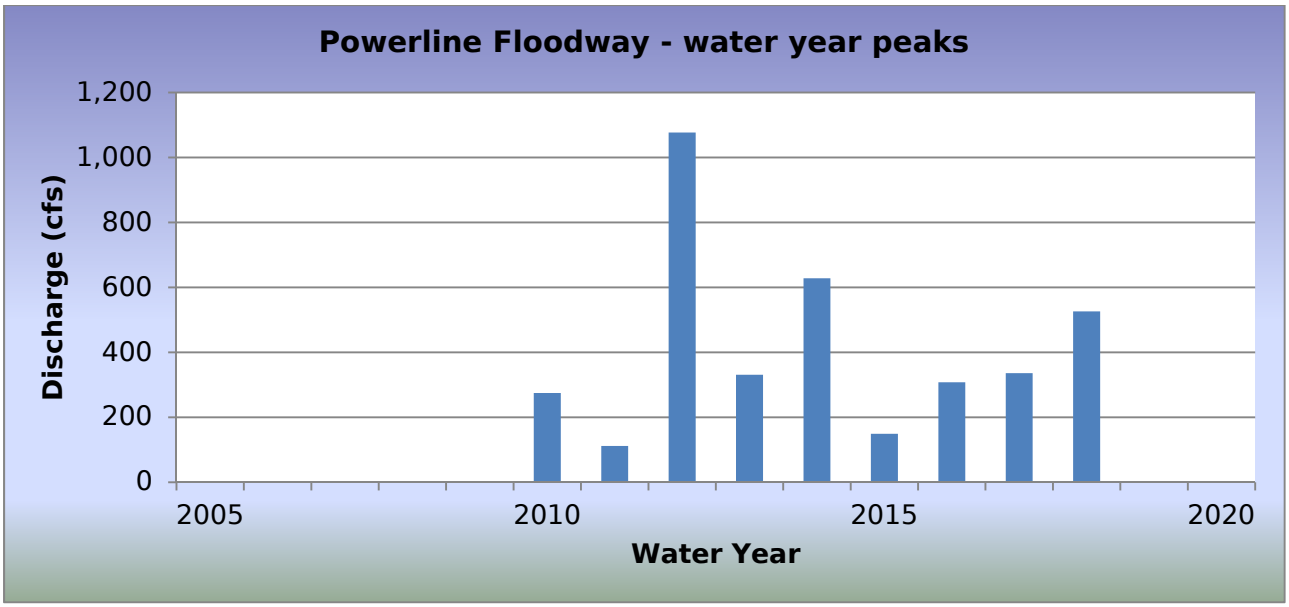


Site Data

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	10.63 Years | 3,883 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	1,381.65 feet NAVD88
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

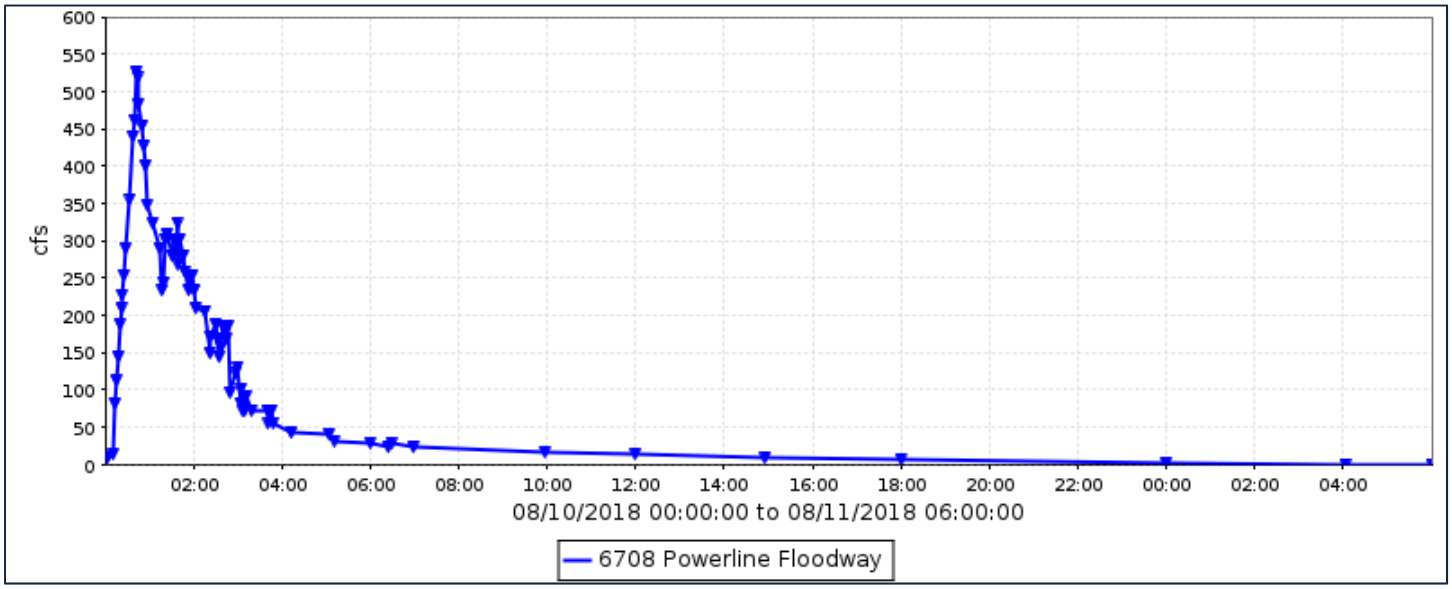




WY2018 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
08/10/2018	3.17	526
08/23/2018	1.80	197

Hydrograph of peak WY 2018 flow event, 08/10/2018



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 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10											47	
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23											10	
24											37	
25											22	
26											5	
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	0	0	0	0	0	0	0	121	0
MEAN	0	0	0	0	0	0	0	0	0	0	4	0
MAX	0	0	0	0	0	0	0	0	0	0	526	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	239	0

WTR YR 2018 TOTAL 121 MEAN 0 MAX 526 MIN 0 AC_FT 239

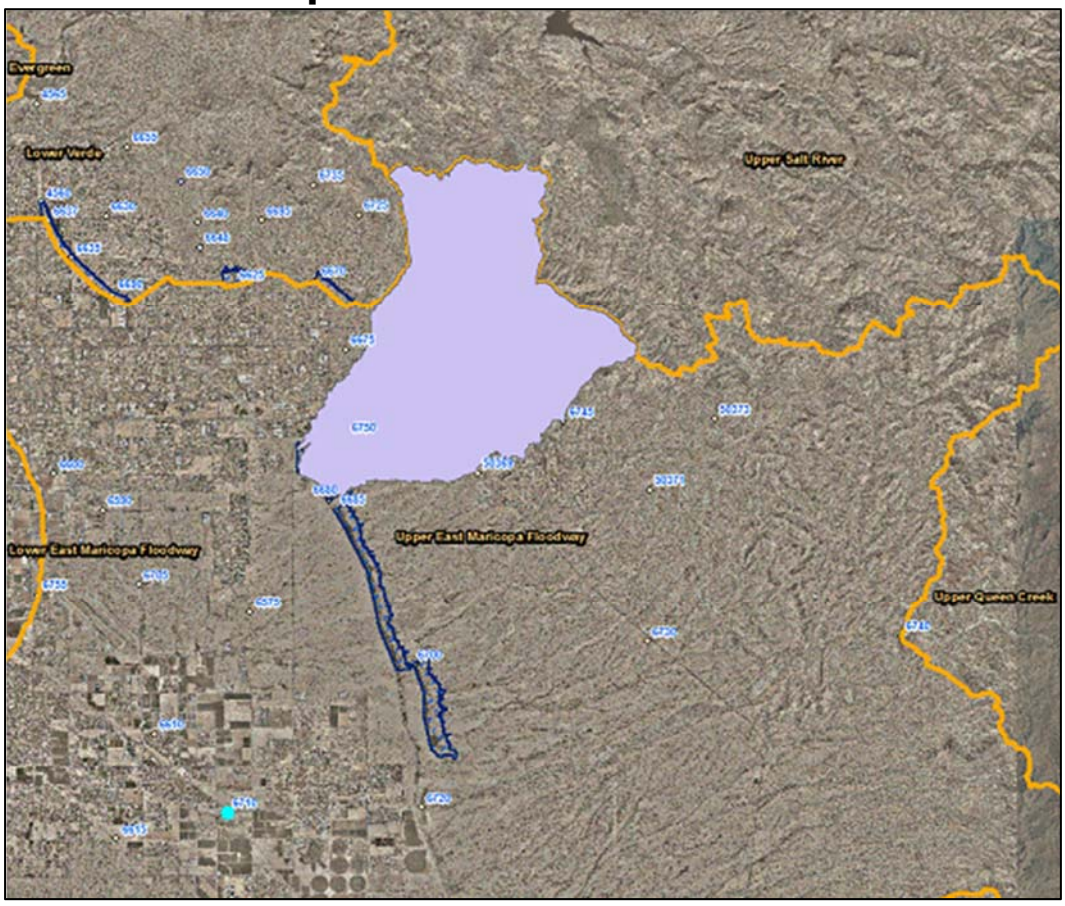
Powerline FRS, ID #6683

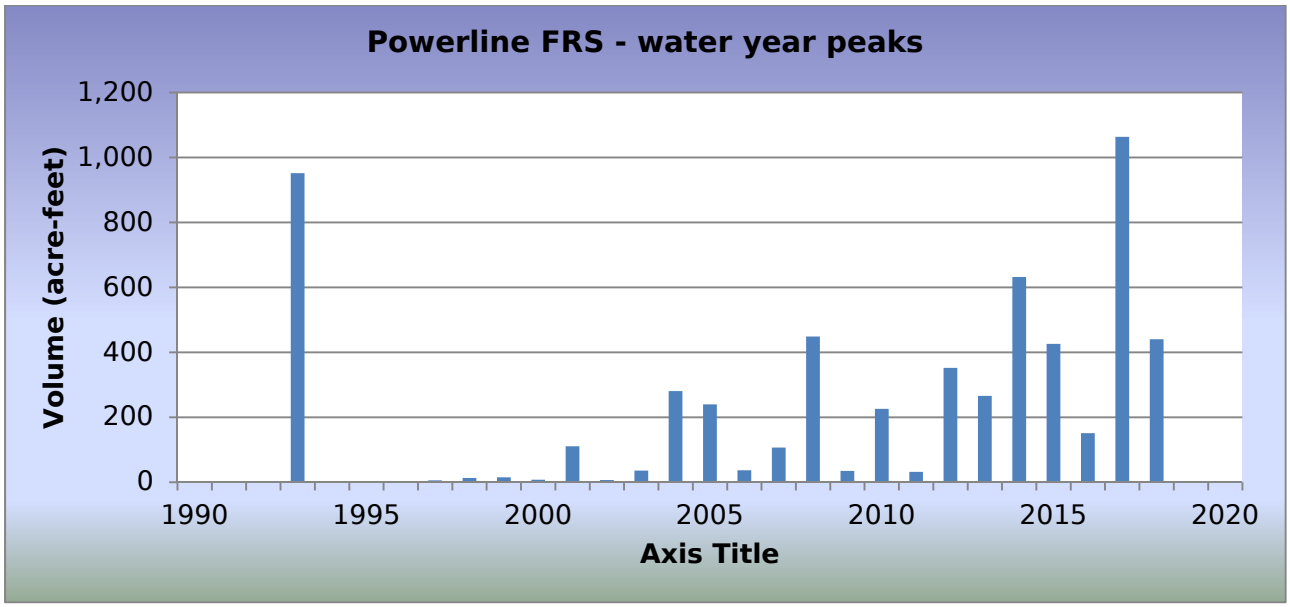


Site Data

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	25.83 Years | 9,434 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

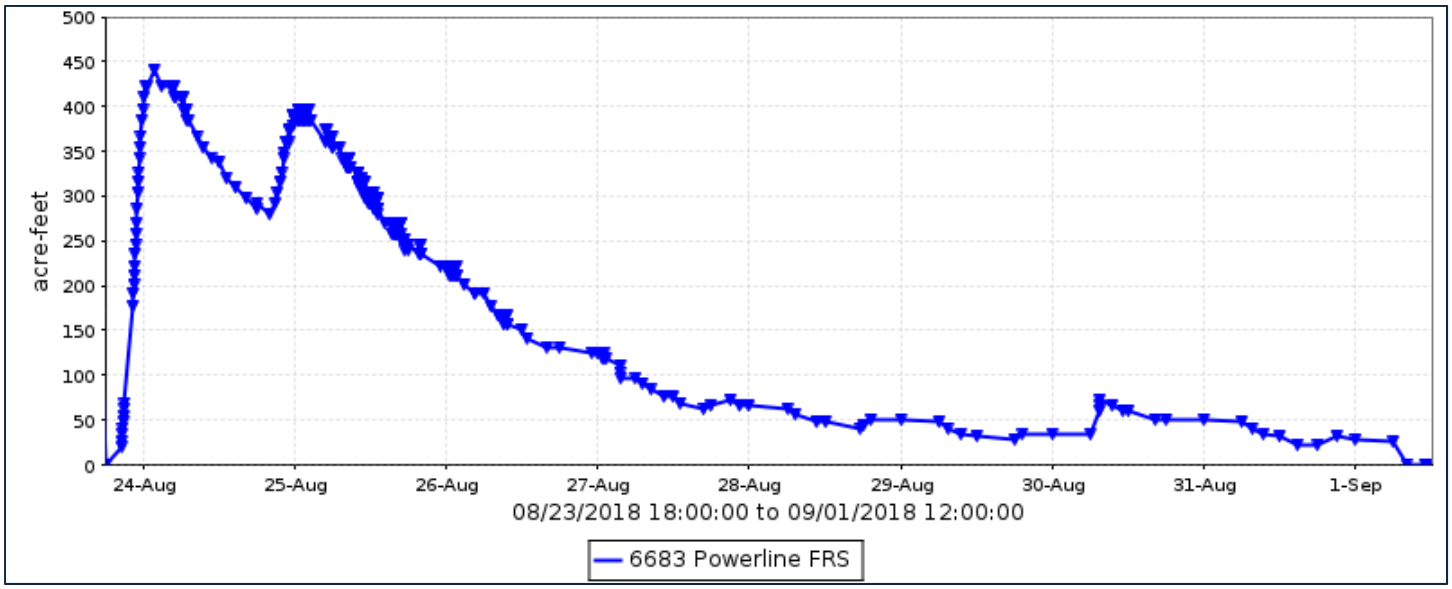




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
08/10/2018	2.50	171.3	3.5
08/23/2018	2.45	166.3	3.4
08/24/2018	4.84	440.2	9.0

Hydrograph of peak WY 2018 impoundment event, 08/24/2018



Powerline FRS, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												2
2								3				
3								3				
4								2				
5								2				
6								2				
7								2				
8								2				
9								1				
10								1			27	
11								1			19	
12								1			10	
13								3			4	
14								2				
15								2				
16								2				
17								1				
18								3				
19								3				
20								1				
21								2				
22								2				
23			---					2			6	
24			---					2			59	
25			---					2			54	
26								2			32	
27								2			16	
28								3			10	
29					---			2			8	
30					---						10	
31		---			---		---		---		7	---
TOTAL	0	0	0	0	0	0	0	58	0	0	262	2
MEAN	0	0	0	0	0	0	0	2	0	0	8	0
MAX	0	6	0	0	0	0	0	6	0	0	67	5
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	0	114	0	0	519	4

WTR YR 2018 TOTAL 322 MEAN 1 MAX 67 MIN 0 AC_FT 638

Powerline FRS, volume data

Volume, in acre-feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												9
2								12				
3								16				
4								11				
5								8				
6								9				
7								8				
8								9				
9								5			1	
10								5			134	
11								6			95	
12								5			53	
13		1						16			19	
14								11				
15								10				
16								11				
17								7				
18								12				
19								13				
20								7				
21								11				
22								10				
23			---					10			30	
24			---					10			356	
25			---					10			306	
26								9			161	
27								10			83	
28								12			54	
29					---			9			39	
30					---						50	
31		---			---		---		---		36	---
MEAN	0	0	0	0	0	0	0	9	0	0	46	0
MAX	0	28	0	0	0	0	0	31	0	0	440	26
MIN	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 2018 MEAN 5 MAX 440 MIN 0

Powerline FRS, stage data

Depth, in feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3
2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2
3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2
4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2
5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	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	2.1	0.2
11	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	1.5	0.2
12	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.8	0.2
13	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.4	0.2
14	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	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	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	0.3	0.2	0.2	0.2	0.2
19	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	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	0.3	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	0.3	0.2	0.2	0.6	0.2
24	0.2	0.2	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2	4.2	0.2
25	0.2	0.2	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2	3.7	0.2
26	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	2.4	0.2
27	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2	1.3	0.2
28	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.8	0.2
29	0.2	0.2	0.2	0.2	---	0.2	0.2	0.2	0.2	0.2	0.6	0.2
30	0.2	0.2	0.2	0.2	---	0.2	0.2	0.2	0.2	0.2	0.8	0.2
31	0.2	---	0.2	0.2	---	0.2	---	0.2	---	0.2	0.6	---
MEAN	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.8	0.2
MAX	0.2	0.4	0.2	0.2	0.2	0.2	0.2	0.5	0.2	0.2	4.8	0.4
MIN	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2

WTR YR 2018 MEAN 0.25 MAX 4.84 MIN 0.20

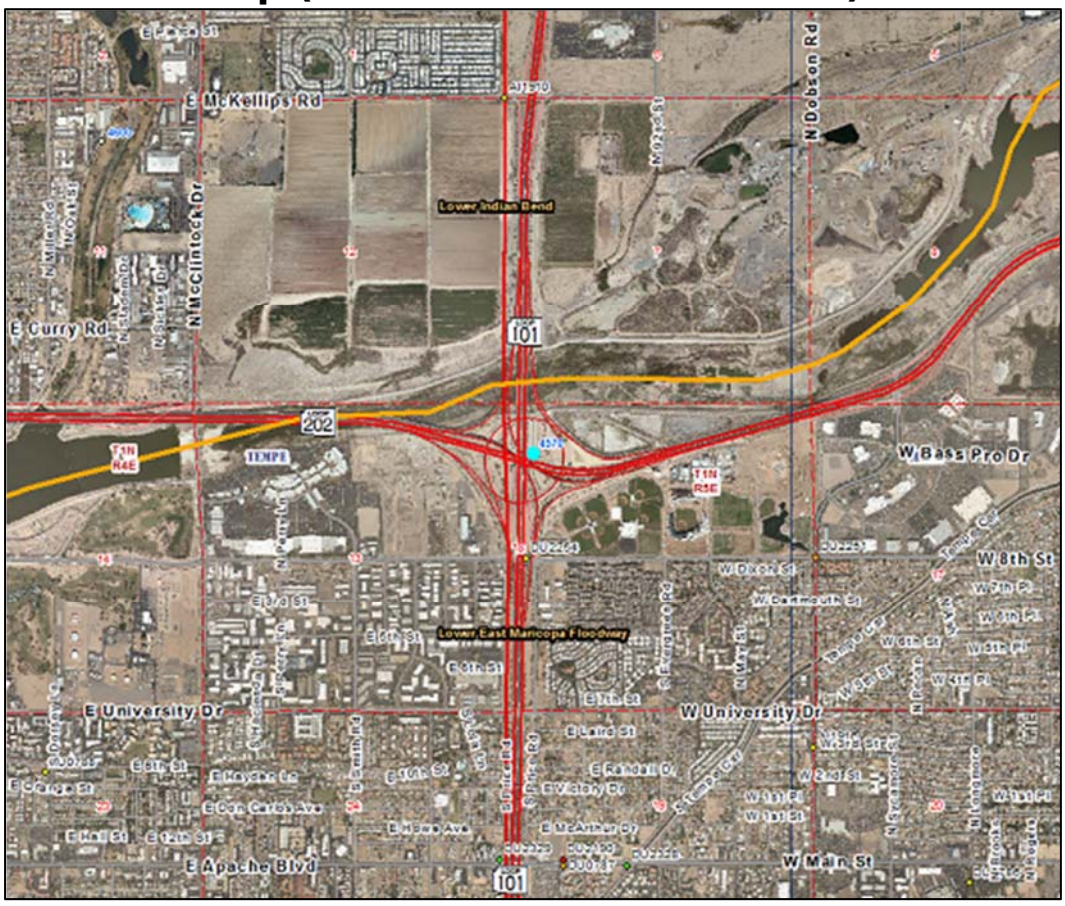
Price Drain, ID #4573

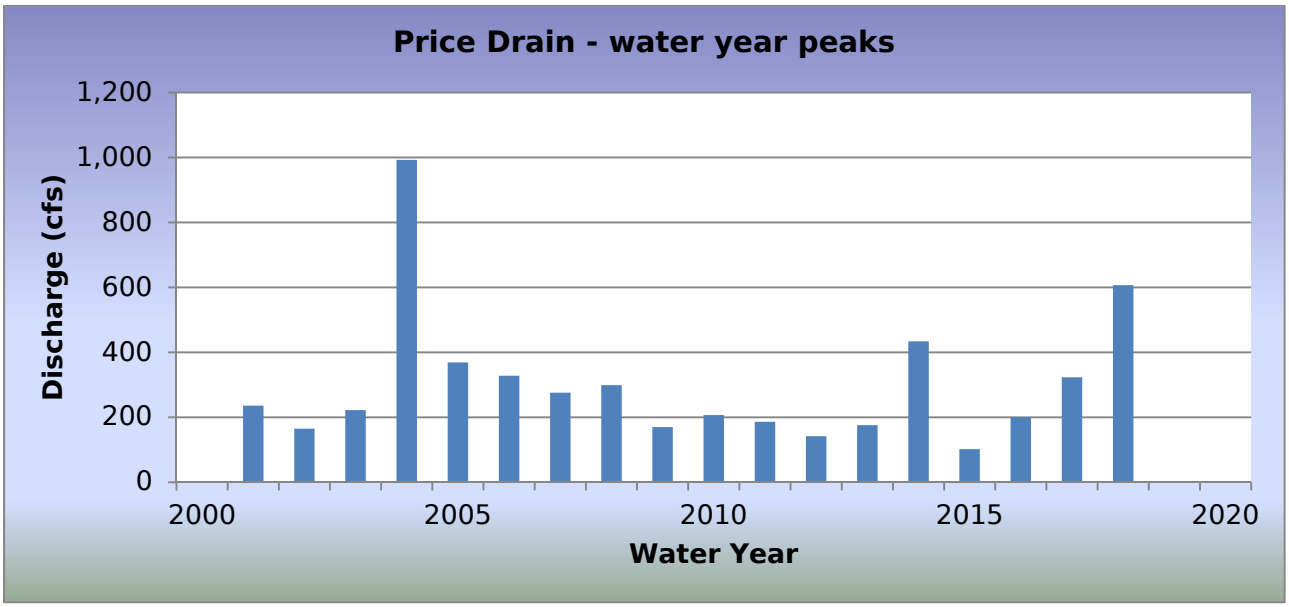


Site Data

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	17.62 Years | 6,434 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)

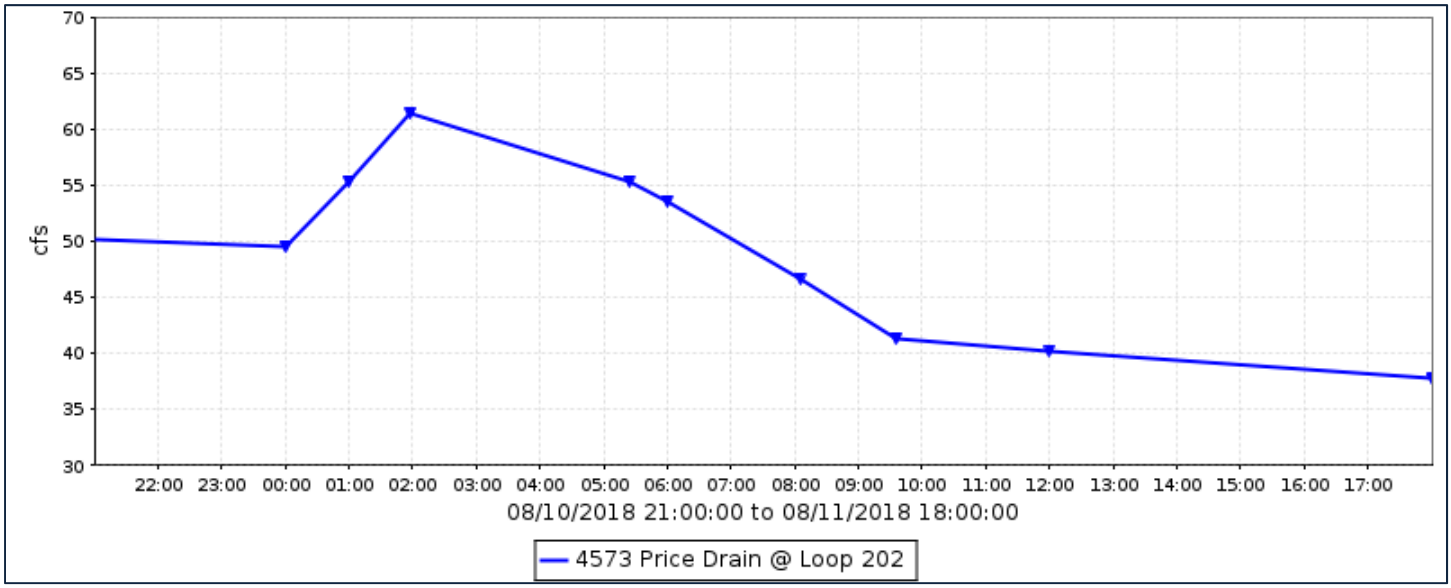




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
07/09/2018	4.13	246
07/10/2018	4.53	299
08/08/2018 (00:20)	2.36	86
08/08/2018 (21:14)	2.71	111
08/10/2018	6.35	607
08/12/2018	4.33	272
09/19/2018	1.94	58

Hydrograph of peak WY 2018 flow event, 08/10/2018



Flood Flow Frequency

This site is not suitable to compute a flood flow frequency.

Price Drain, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	20	20	11	13	11	12	17	15	30	36	28	17
2	21	20	11	13	12	15	18	25	25	67	23	18
3	21	22	10	13	11	14	17	22	29	50	24	18
4	20	20	10	16	12	10	22	25	20	41	24	19
5	21	21	10	20	13	9	26	22	21	33	24	21
6	19	20	10	18	18	9	17	27	41	38	26	20
7	20	23	13	13	21	10	20	23	25	35	27	19
8	20	22	12	13	19	14	16	26	28	48	49	20
9	20	23	12	12	16	20	16	32	29	81	45	20
10	20	24	12	36	18	19	14	27	31	100	135	16
11	21	22	12	20	16	16	18	26	33	52	46	15
12	20	22	11	21	13	13	15	28	36	48	62	17
13	25	22	12	21	15	17	16	27	48	27	39	15
14	21	24	13	15	18	20	22	29	46	26	22	21
15	21	23	14	12	18	16	18	31	37	24	17	18
16	22	21	12	13	15	15	19	38	44	23	18	17
17	38	25	24	14	16	17	20	31	30	21	17	19
18	39	21	12	14	16	18	25	22	26	28	17	17
19	29	20	13	13	20	18	25	18	30	25	18	29
20	26	20	16	16	16	20	21	22	39	21	19	26
21	23	20	13	17	14	19	24	19	27	24	20	21
22	20	19	15	19	14	25	19	18	40	28	20	17
23	20	19	11	17	12	20	13	33	29	25	21	18
24	20	20	11	18	13	19	16	25	43	26	40	16
25	20	20	11	16	10	18	20	25	50	28	27	16
26	20	20	11	10	9	17	18	32	47	30	20	16
27	23	22	11	11	9	16	21	36	63	24	21	14
28	21	25	11	14	17	17	21	34	49	23	20	20
29	21	13	11	9	---	23	22	25	37	32	19	15
30	20	12	12	11	---	19	19	33	43	27	18	14
31	20	---	14	10	---	18	---	35	---	22	19	---
TOTAL	693	622	377	475	414	512	576	829	1079	1112	926	548
MEAN	22	21	12	15	15	17	19	27	36	36	30	18
MAX	68	38	49	71	49	35	52	61	110	299	607	58
MIN	19	12	8	7	6	7	12	13	18	18	15	12
AC_FT	1376	1234	748	942	821	1016	1142	1645	2141	2205	1837	1087

WTR YR 2018 TOTAL 8164 MEAN 22 MAX 607 MIN 6 AC_FT 16193

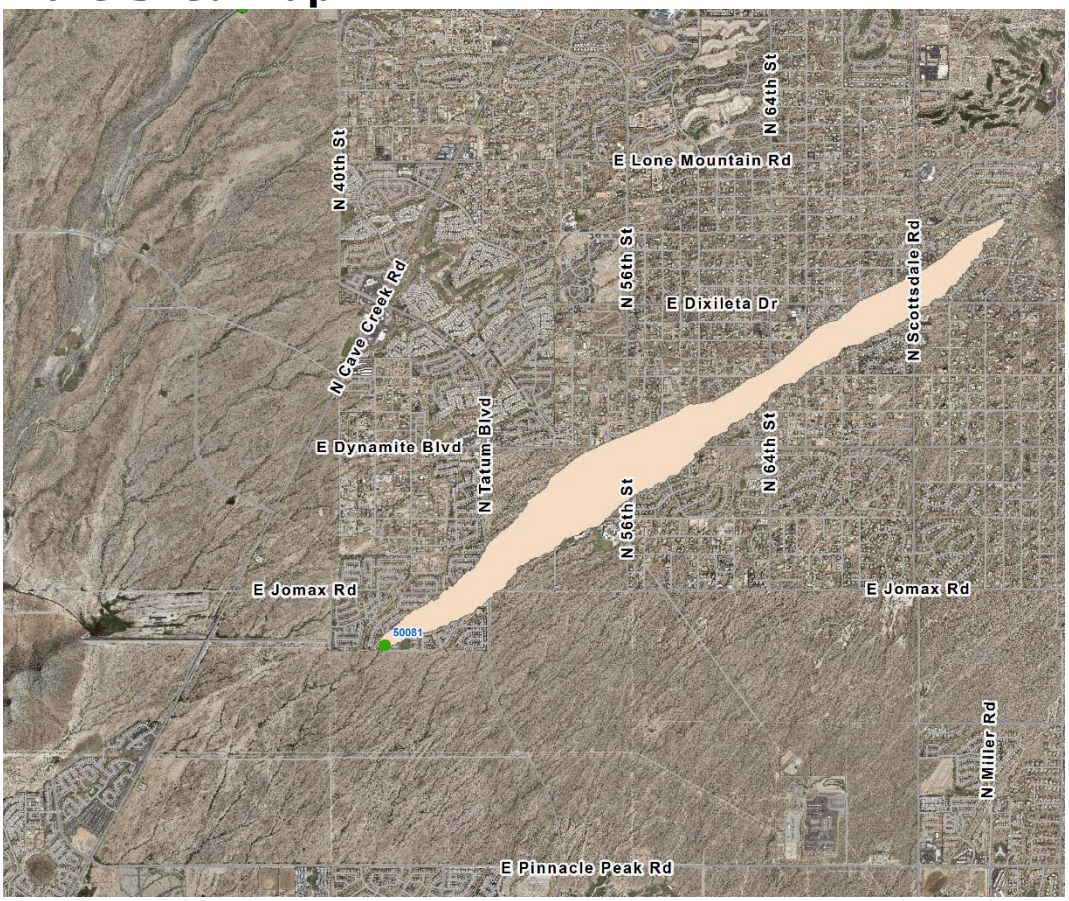
Prickly Pear Wash, ID #8107

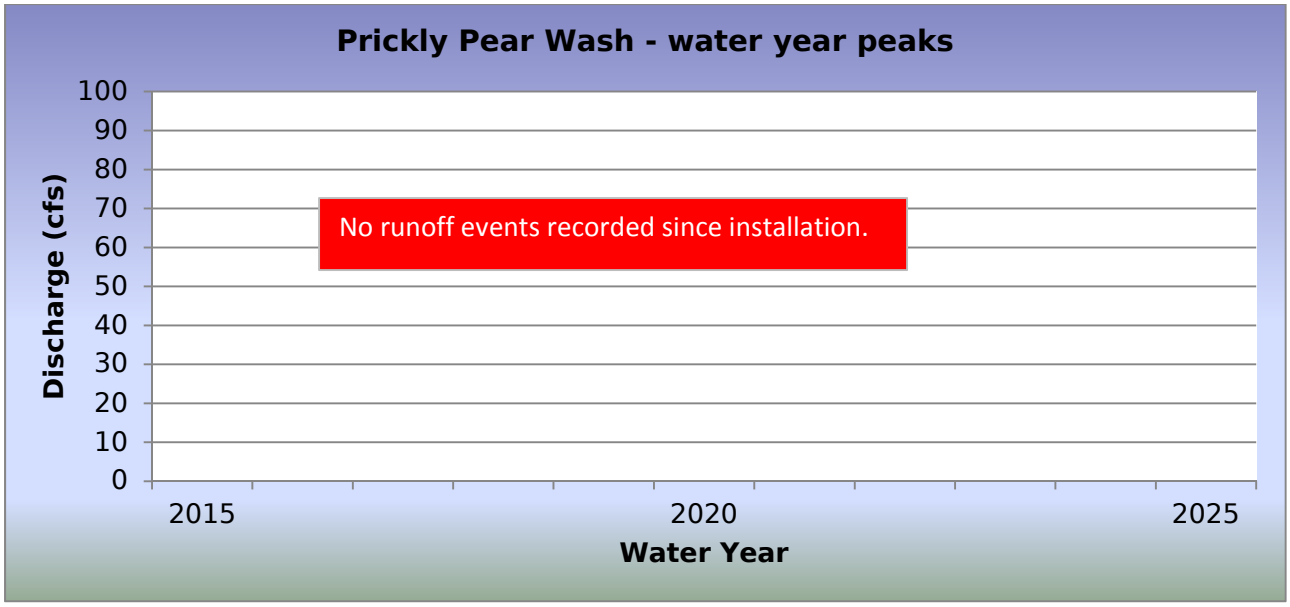


Site Data

LOCATION	Located at John Teets Park near Ramuda Drive and 43rd 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	1.33 Years | 487 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





WY2018 Events

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

Hydrograph of peak WY 2018 flow event

There was no runoff events recorded in Water Year 2018.

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 cub, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8			---									
9												
10												
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12												
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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 2018 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

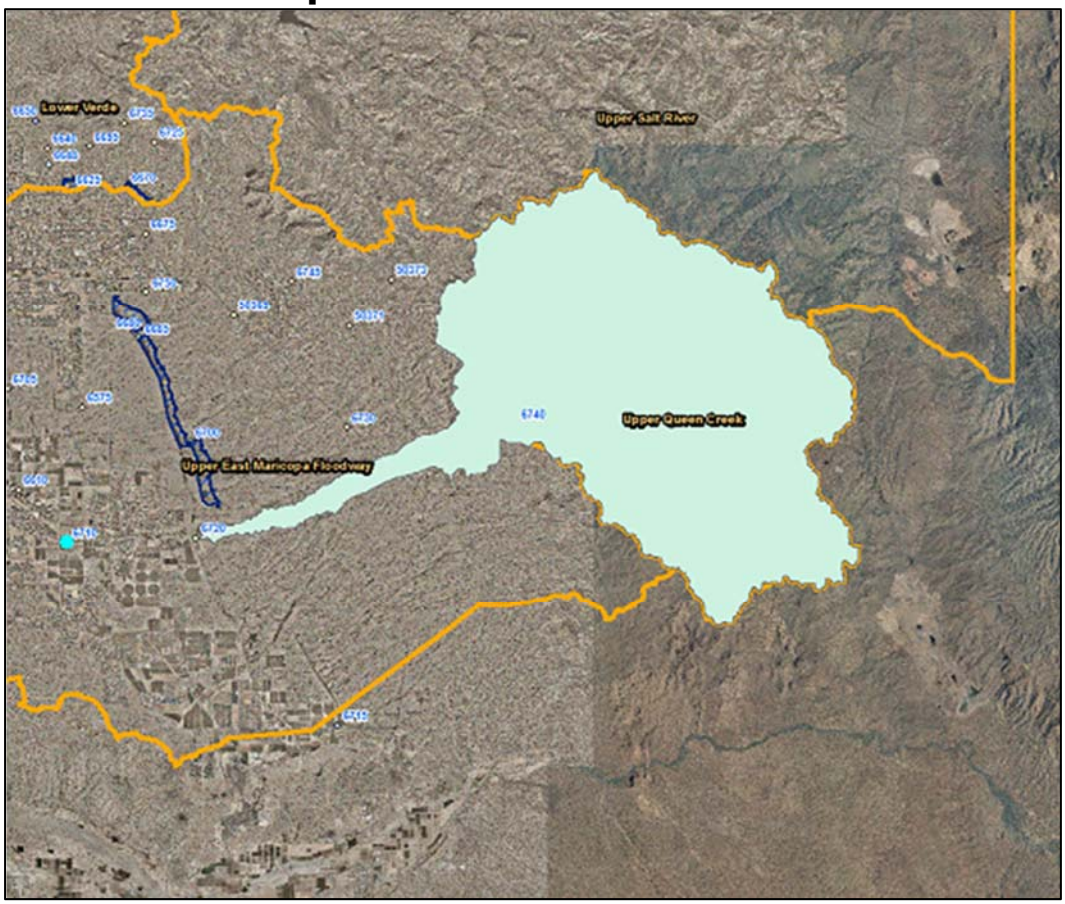
Queen Creek at CAP, ID #6723

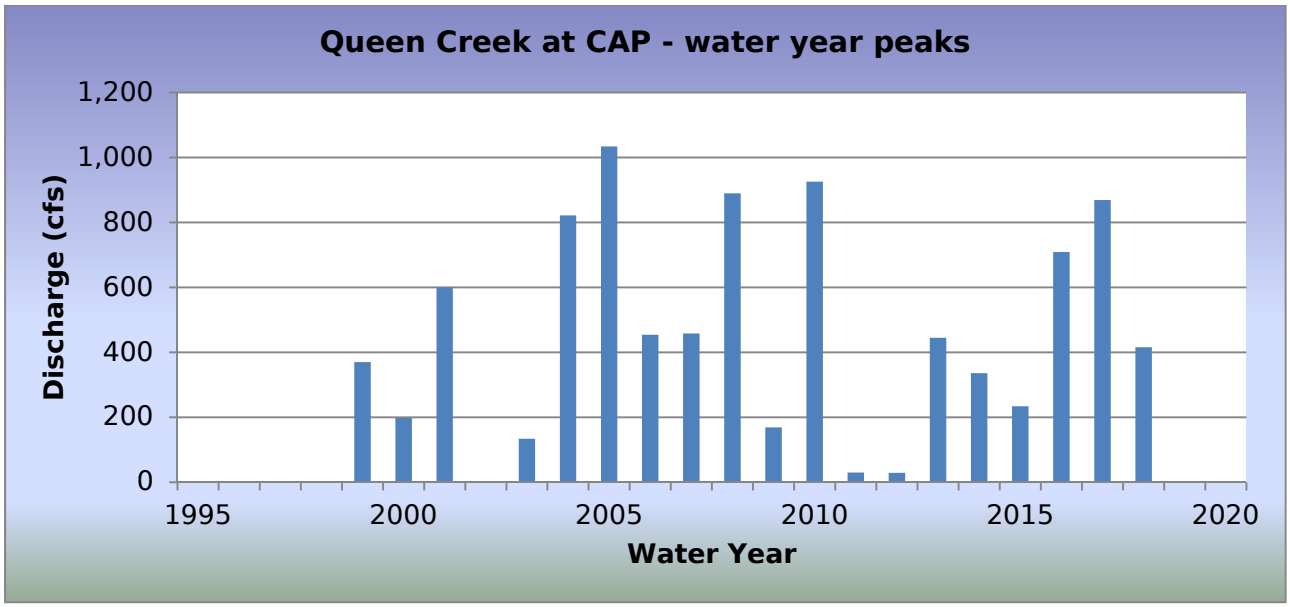


Site Data

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	19.71 Years | 7,200 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

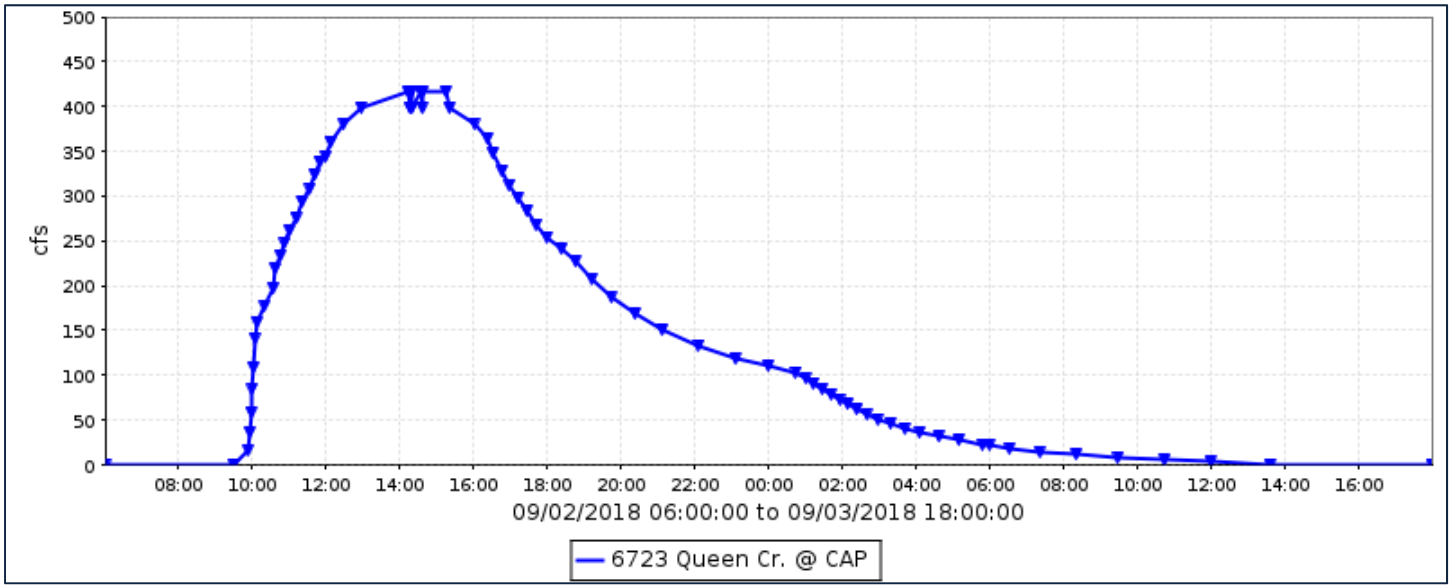




WY2018 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
08/23/2018	4.19	372
08/25/2018	3.55	272
09/02/2018	4.44	416

Hydrograph of peak WY 2018 flow event, 09/02/2018



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 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												156
3												18
4		1										
5		1										
6		1										
7												
8												
9			---									
10			---									
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23											156	
24											1	
25											88	
26											1	
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	2	0	0	0	0	0	0	0	0	246	175
MEAN	0	0	0	0	0	0	0	0	0	0	8	6
MAX	0	1	0	0	0	0	0	0	0	0	372	416
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	5	0	0	0	0	0	0	0	0	488	346

WTR YR 2018 TOTAL 423 MEAN 1 MAX 416 MIN 0 AC_FT 840

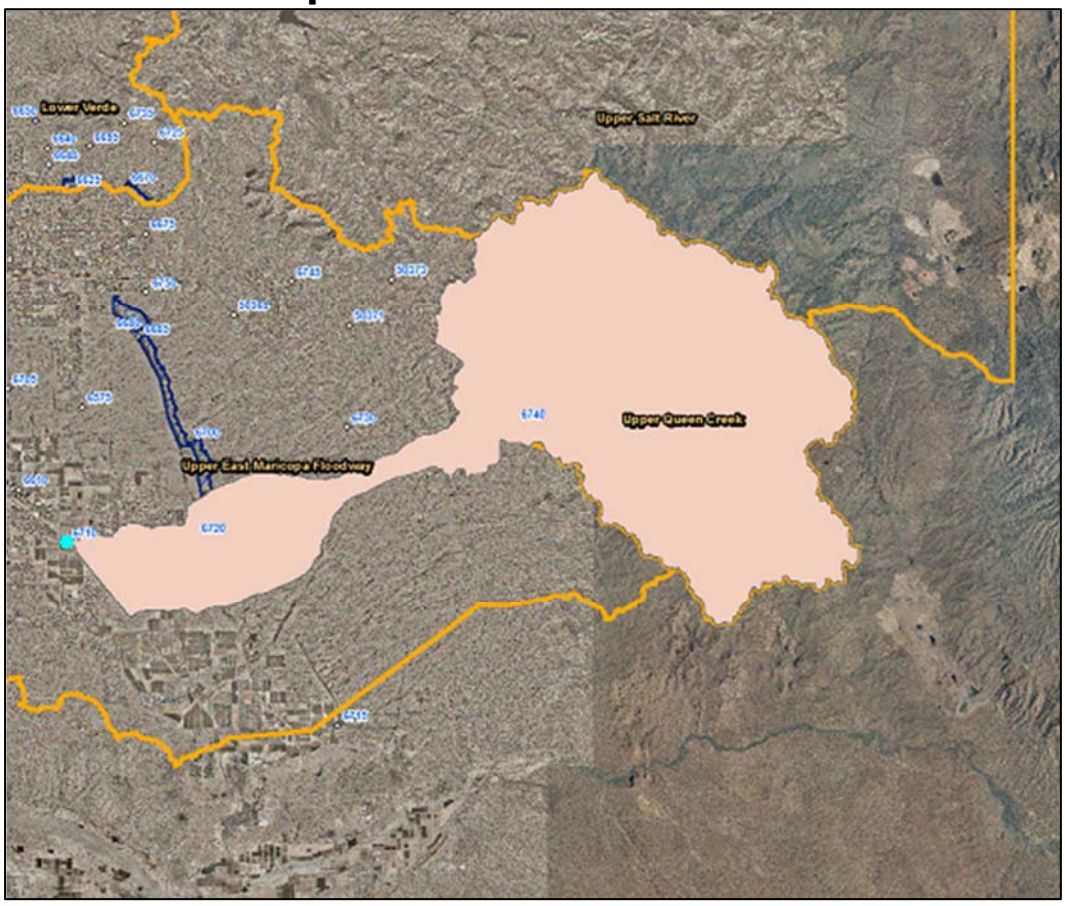
Queen Creek at Rittenhouse Road, ID #6707

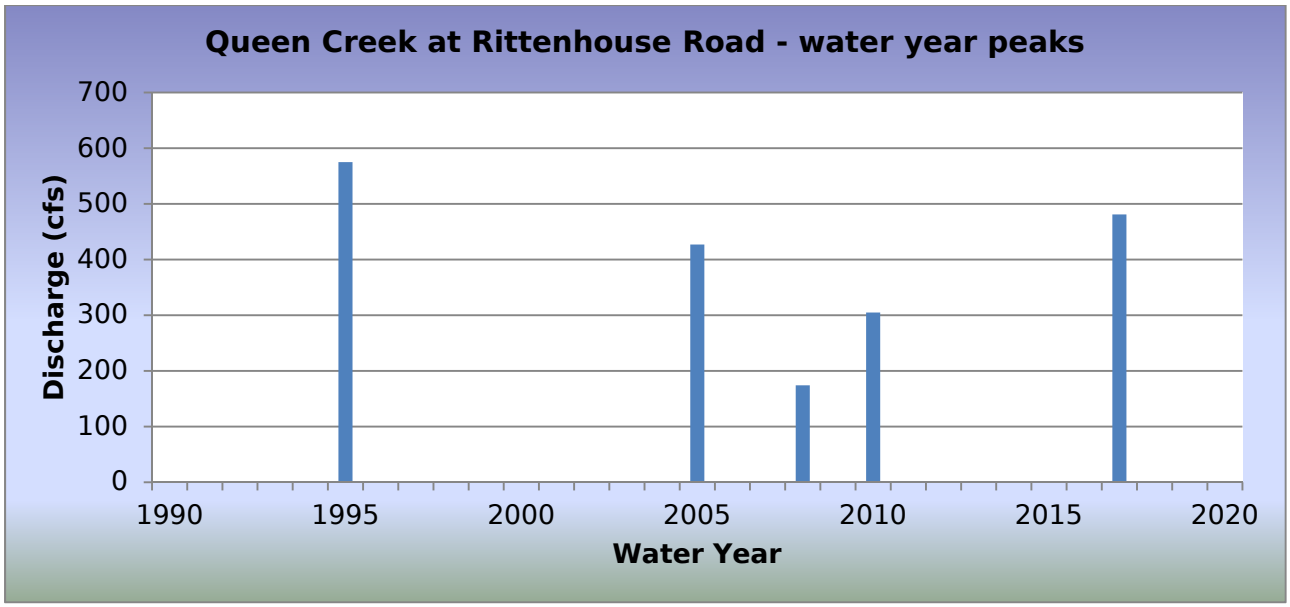


Site Data

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	25.05 Years | 9,148 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





WY2018 Events

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

Hydrograph of peak WY 2018 flow event

There was no runoff recorded during Water Year 2018.

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 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
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10			---									
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26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	1	0	0	0	0	1	1	1	1	1	1	1
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	0	0	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	1	0	0	1	1	1	1	2	2	2	2	2

WTR YR 2018 TOTAL 8 MEAN 0 MAX 0 MIN 0 AC_FT 16

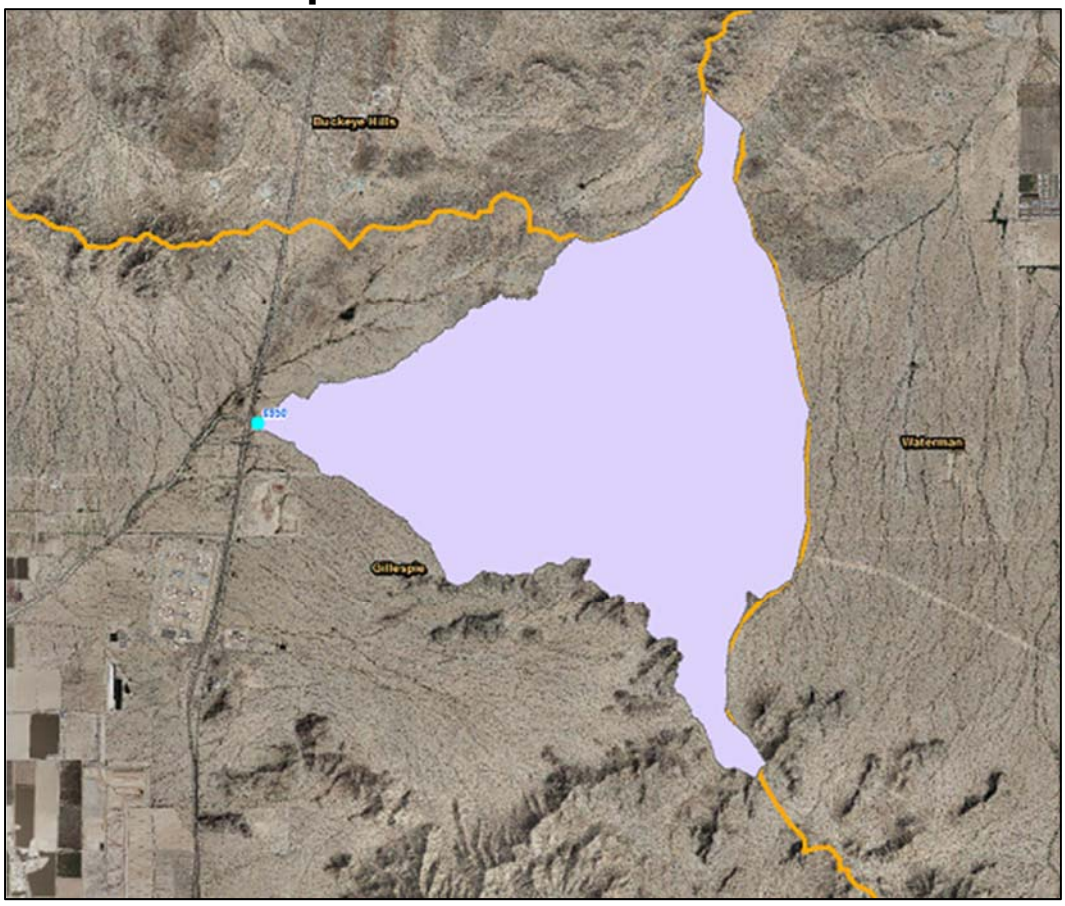
Rainbow Wash, ID #6953

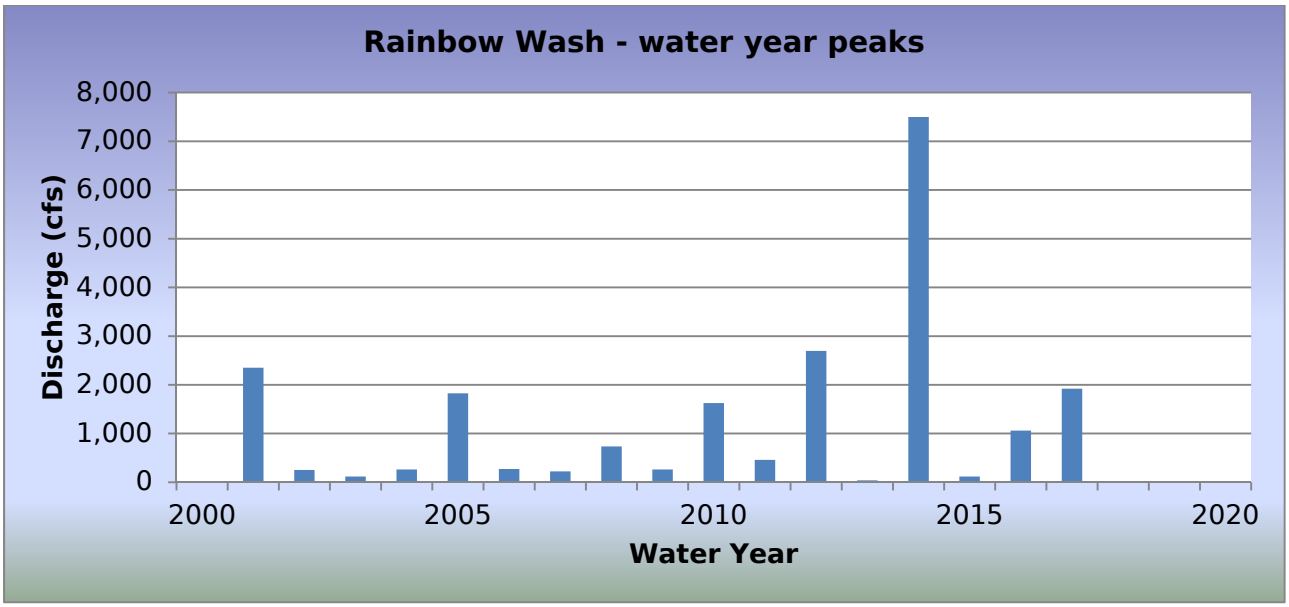


Site Data

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	17.90 Years | 6,538 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





WY2018 Events

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

Hydrograph of peak WY 2018 flow event,

No runoff recorded during Water Year 2018.

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**
513	**1,690**	**3,120**	**5,150**	**9,020**	**13,100**

NOTE: These results are based on very limited data.

Rainbow Wash, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
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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 2018 TOTAL 1 MEAN 0 MAX 1 MIN 0 AC_FT 1

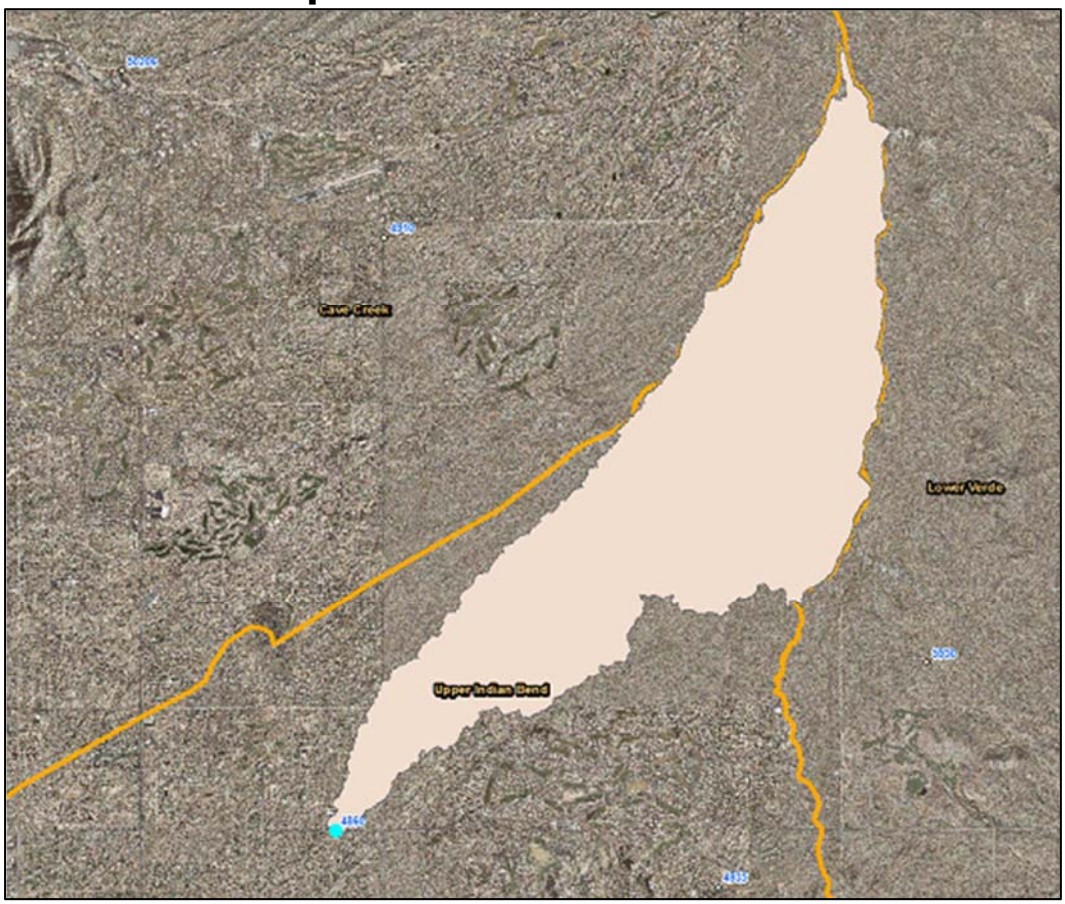
Rawhide Wash, ID #4863

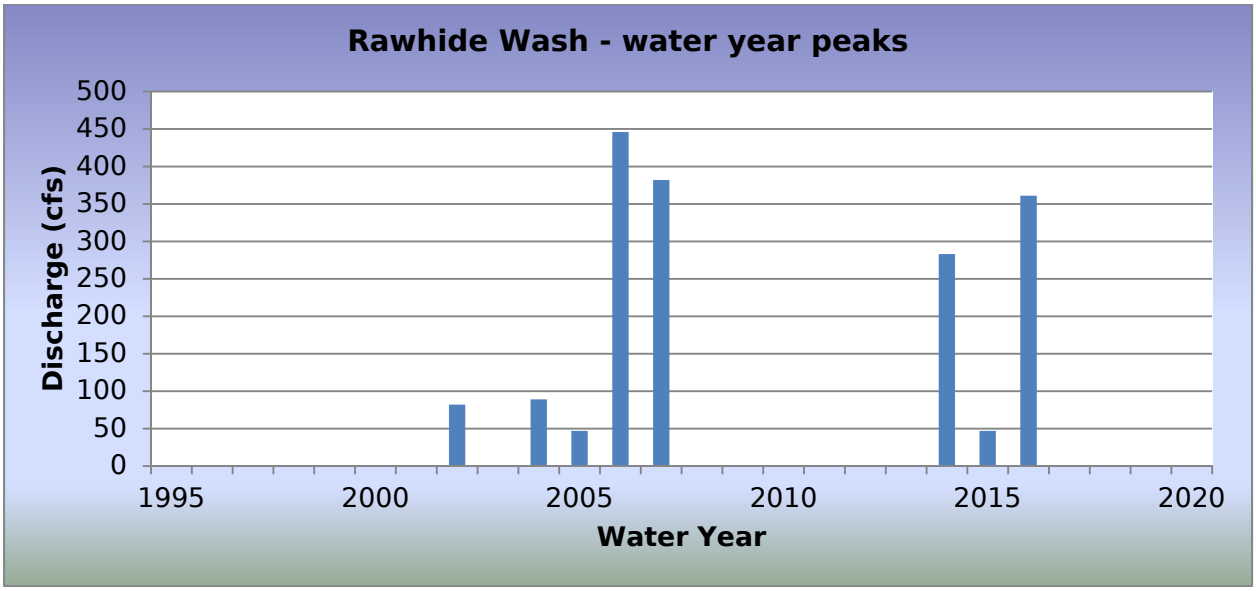


Site Data

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	19.18 Years | 7,006 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





WY2018 Events

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

Hydrograph of peak WY 2018 flow event

There were no runoff events recorded at this gage in Water Year 2018.

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 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
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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 2018 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

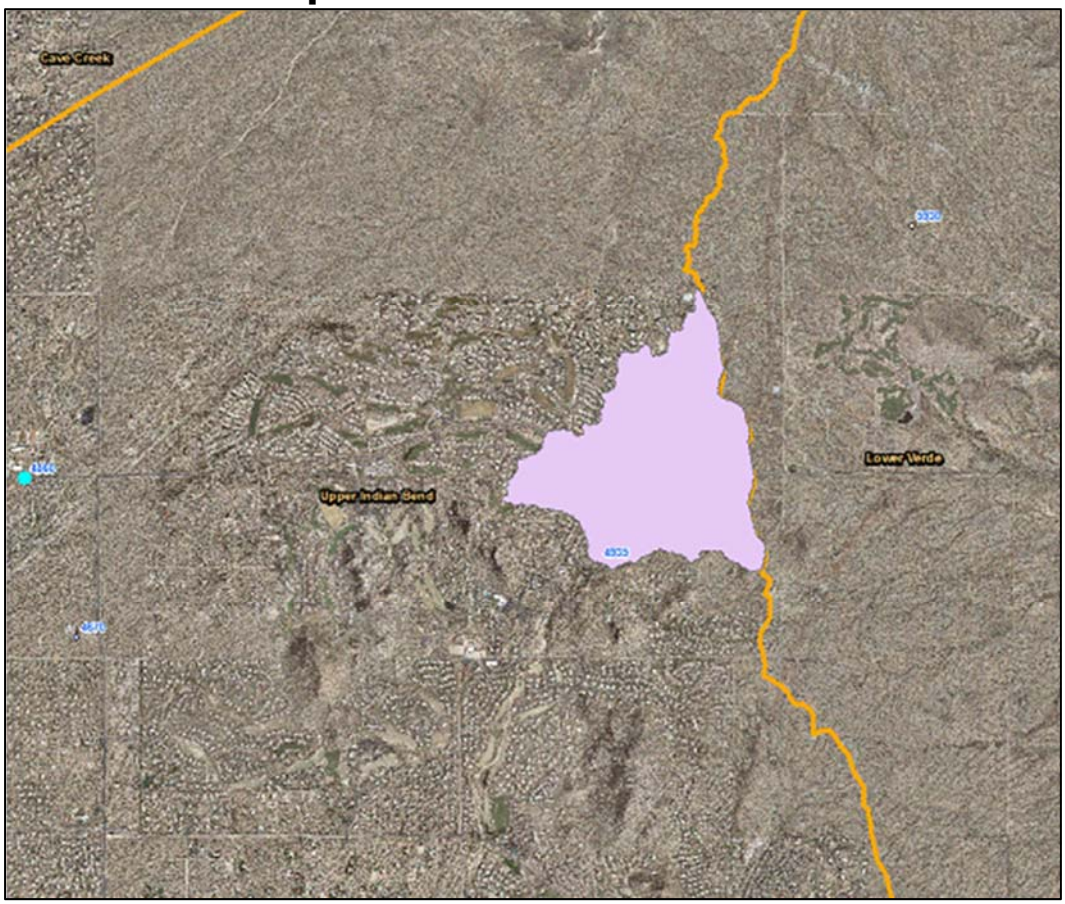
Reata Pass Dam, ID #4938

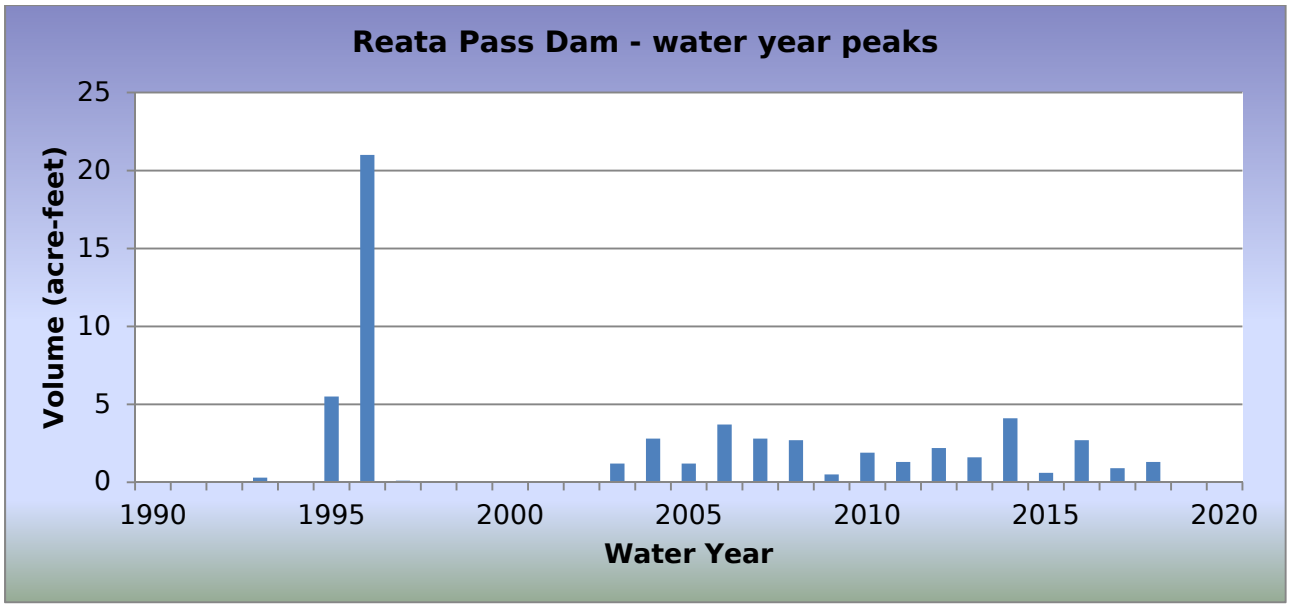


Site Data

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	17.00 Years | 6,208 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

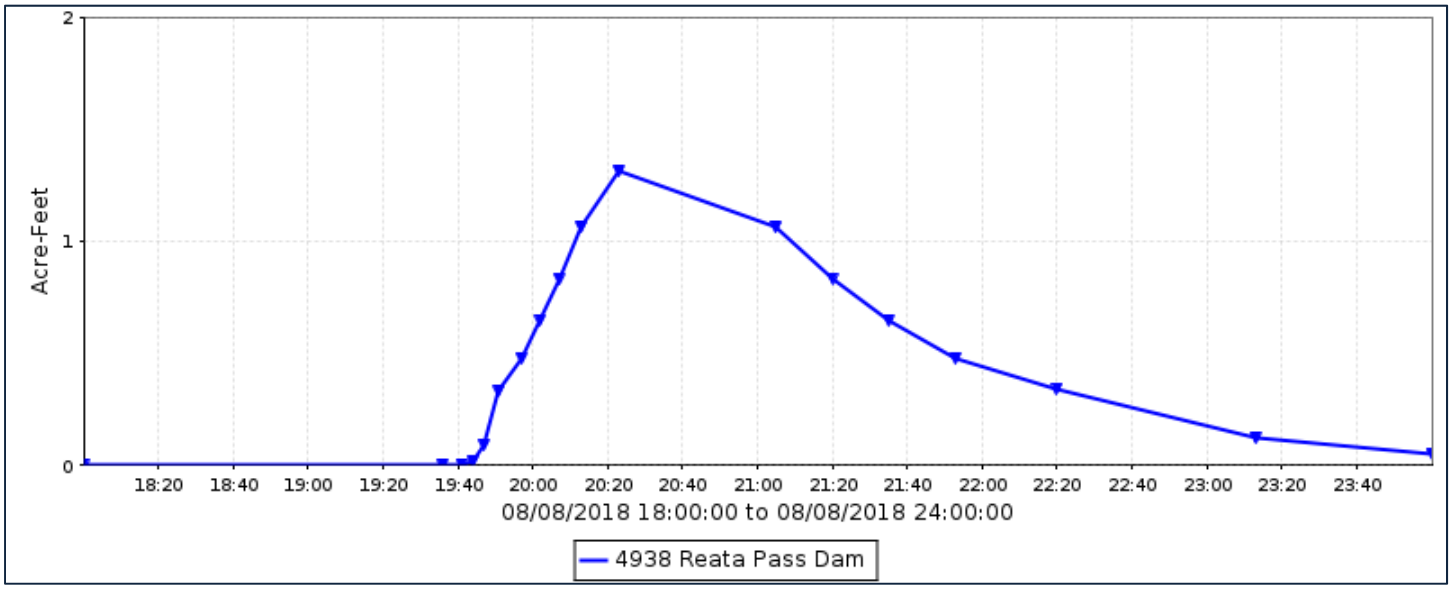




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
07/09/2018	0.99	0.0	0.5
07/14/2018	1.42	0.2	0.8
07/30/2018	1.59	0.3	0.9
08/08/2018	2.96	1.3	2.7

Hydrograph of peak WY 2018 impoundment event, 08/08/2018



Reata Pass Dam, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

DAY	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												
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20												
21												
22			---									
23			---									
24			---									
25			---									
26			---									
27												
28												
29					---							
30					---					1		
31		---			---		---		---			---
TOTAL	0	0	0	0	0	0	0	0	0	1	5	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	0	0	0	0	0	0	8	70	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	10	0

WTR YR 2018 TOTAL 6 MEAN 0 MAX 70 MIN 0 AC_FT 12

Reata Pass Dam, volume data

Volume, in Acre-Feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
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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	1	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 2018 MEAN 0 MAX 1 MIN 0

Reata Pass Dam, stage data

Depth, in feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
4	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
6	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
7	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
8	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.5	0.1
9	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.3	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	0.3	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	0.2	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
23	0.1	0.1	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
24	0.1	0.1	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
25	0.1	0.1	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
26	0.1	0.1	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
27	0.1	0.1	0.2	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	0.4	0.1	0.1
31	0.1	---	0.1	0.1	---	0.1	---	0.1	---	0.2	0.1	---
MEAN	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1
MAX	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1.6	3.0	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 2018 MEAN 0.15 MAX 2.96 MIN 0.15

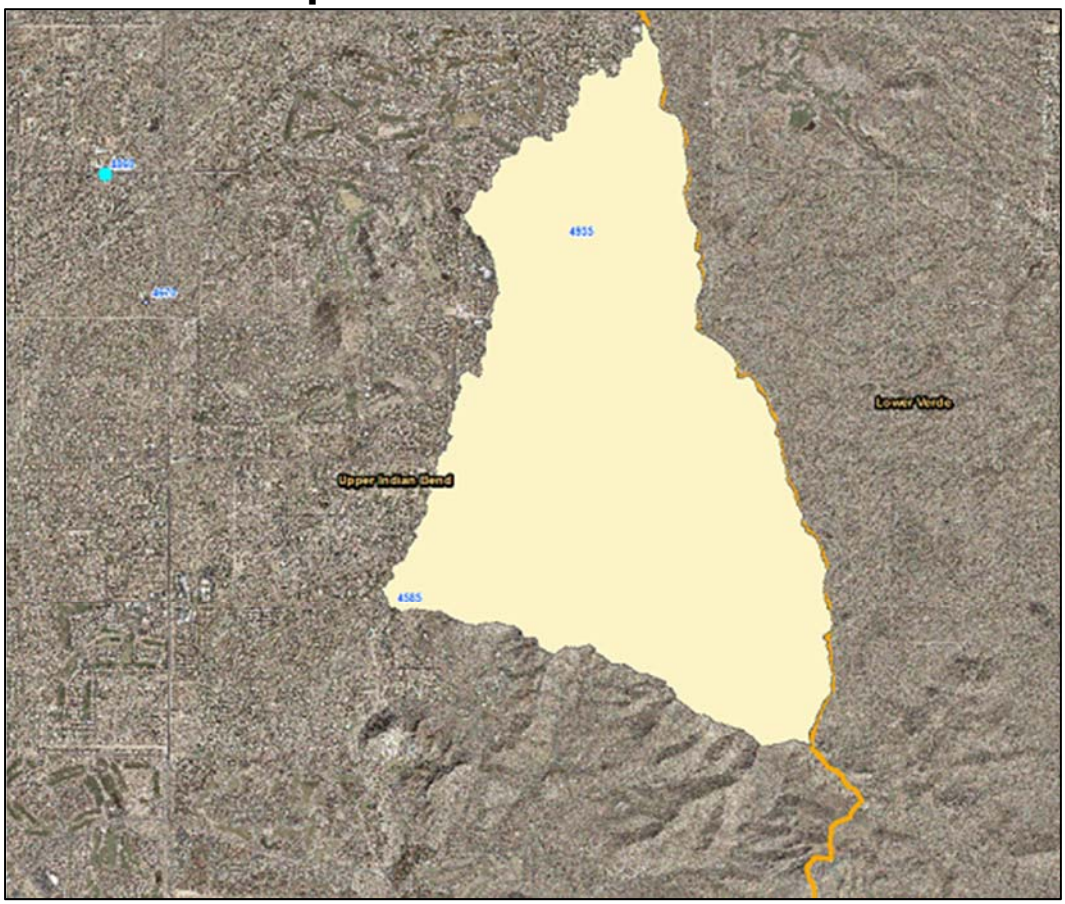
Reata Pass Wash – ID #4588

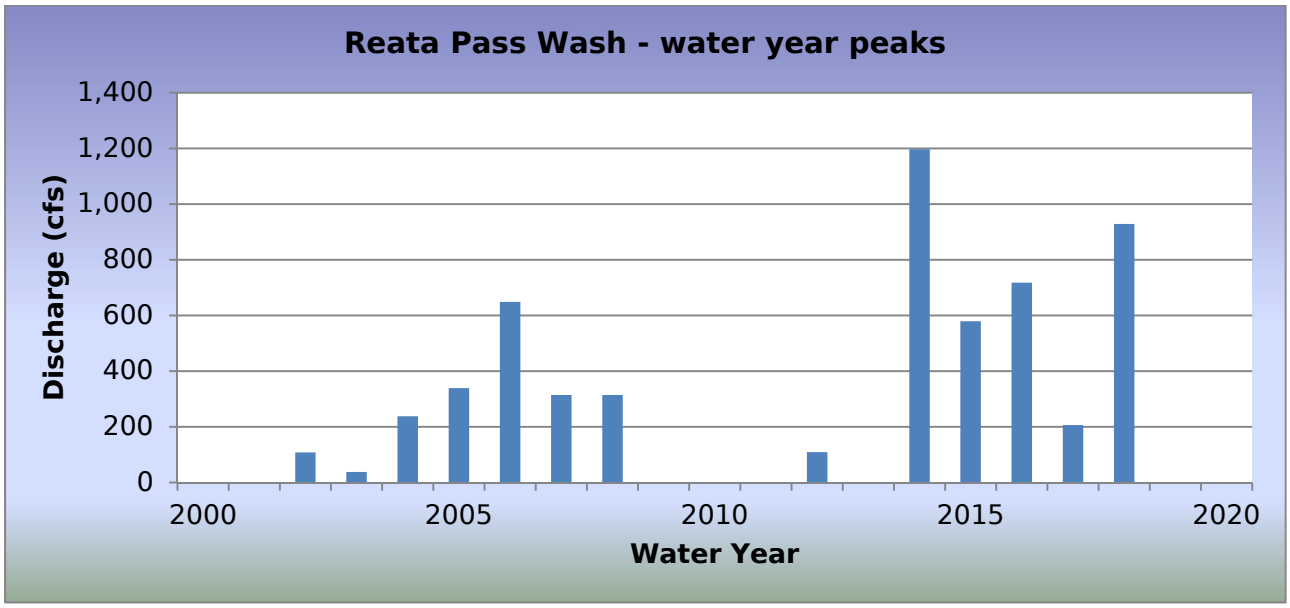


Site Data

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	17.38 Years | 6,348 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

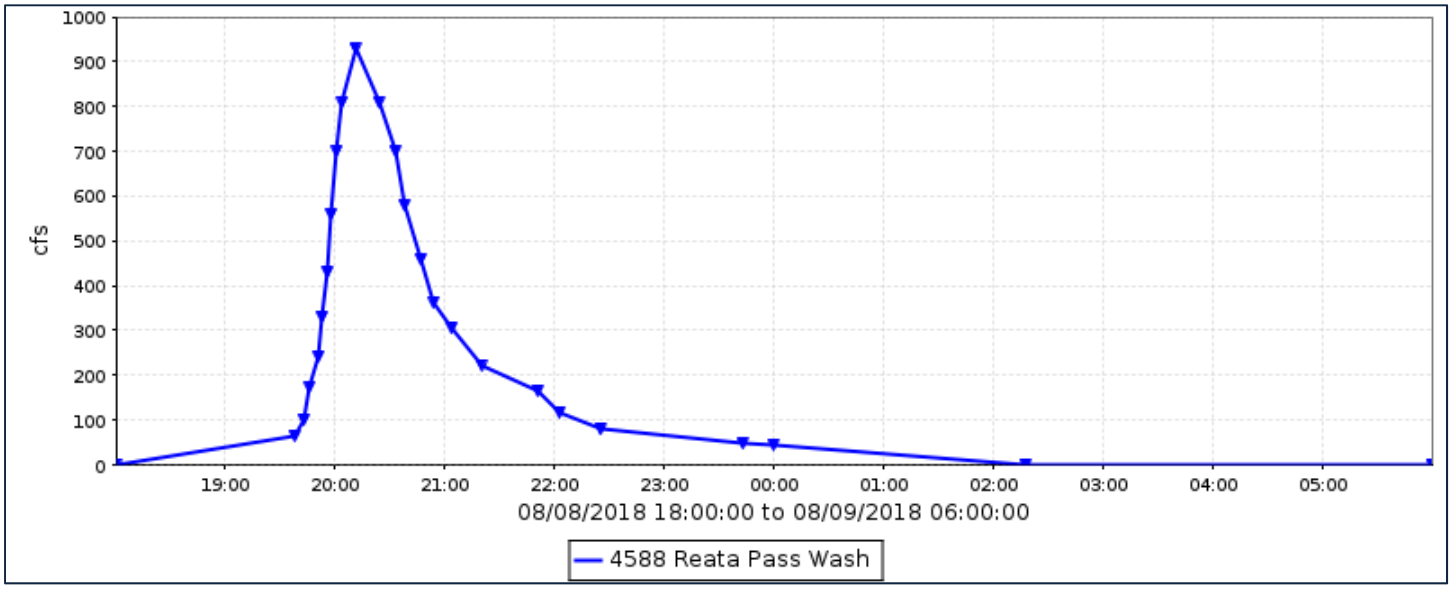




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
07/09/2018	1.09	286
07/16/2018	0.55	59
07/30/2018	0.87	165
08/08/2018	1.87	929

Hydrograph of peak WY 2018 flow event, 08/08/2018



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**
100	**648**	**1,530**	**2,950**	**5,790**	**8,790**

Reata Pass Wash, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8											50	
9										12	4	
10												
11												
12												
13												
14												
15												
16										2		
17												
18												
19										8		
20												
21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---					9		
31		---			---		---		---			---
TOTAL	0	0	0	0	0	0	0	0	0	32	54	0
MEAN	0	0	0	0	0	0	0	0	0	1	2	0
MAX	0	0	0	0	0	0	0	0	0	286	929	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	63	107	0

WTR YR 2018 TOTAL 86 MEAN 0 MAX 929 MIN 0 AC_FT 170

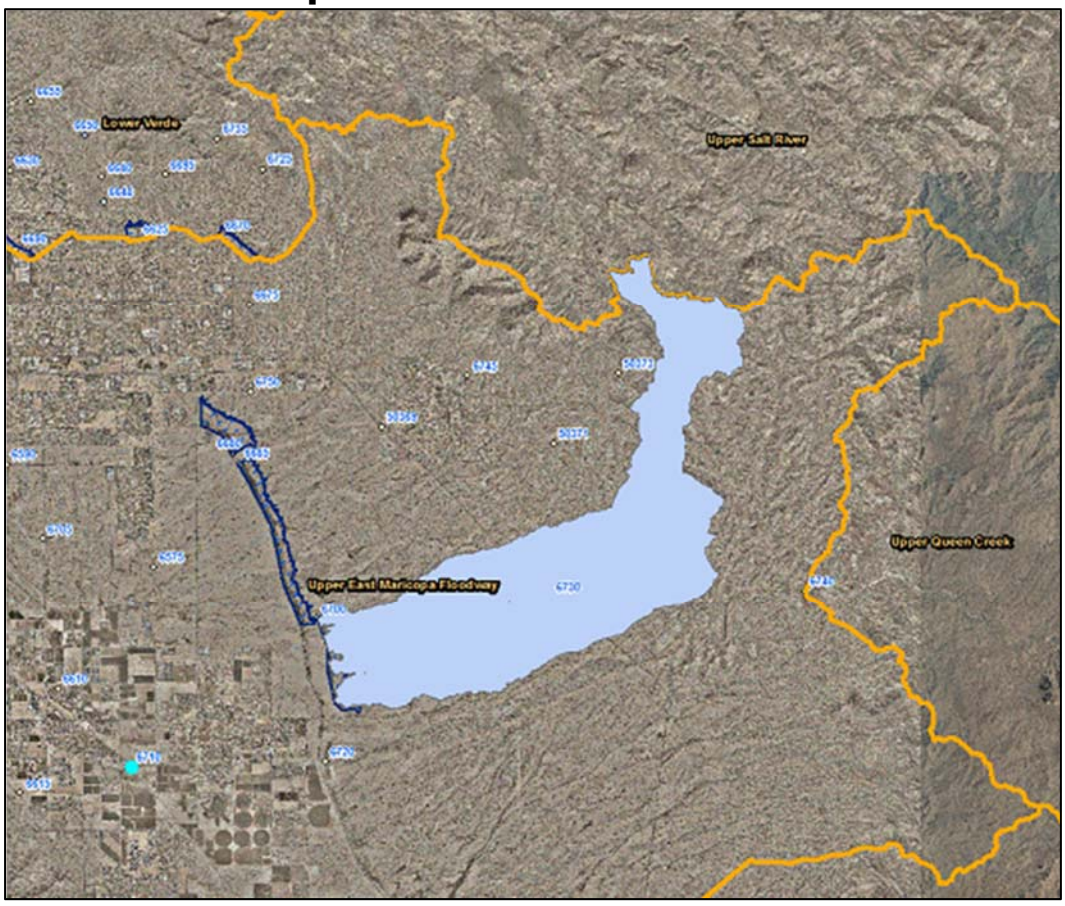
Rittenhouse FRS, ID #6703

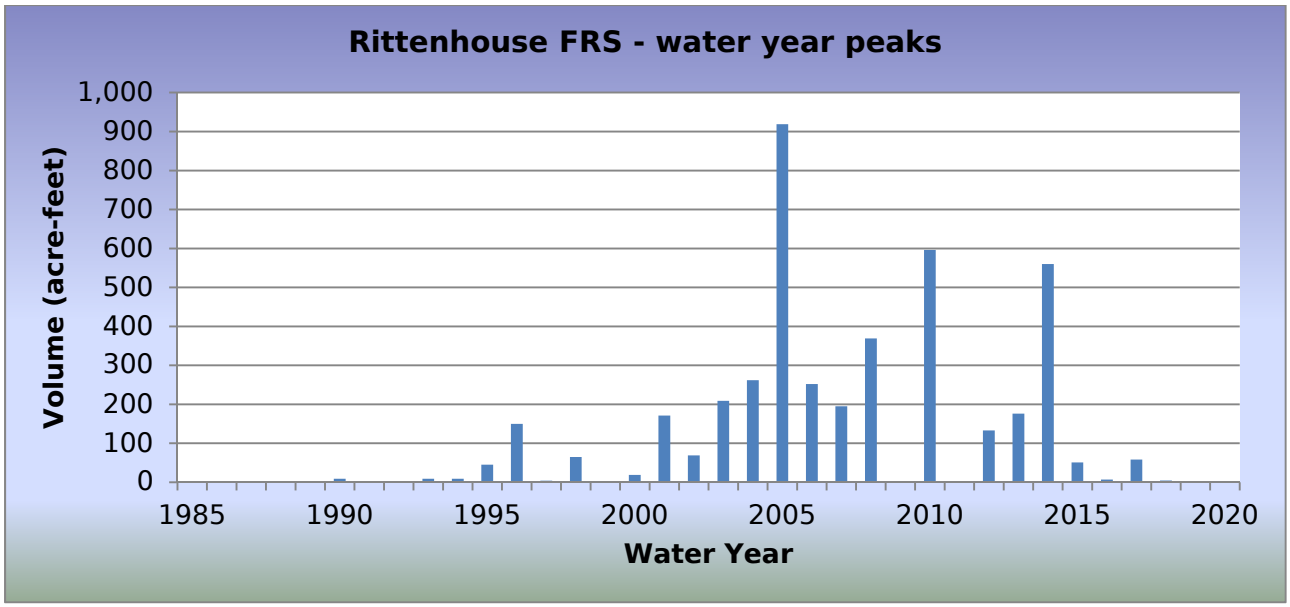


Site Data

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	30.01 Years | 10,961 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

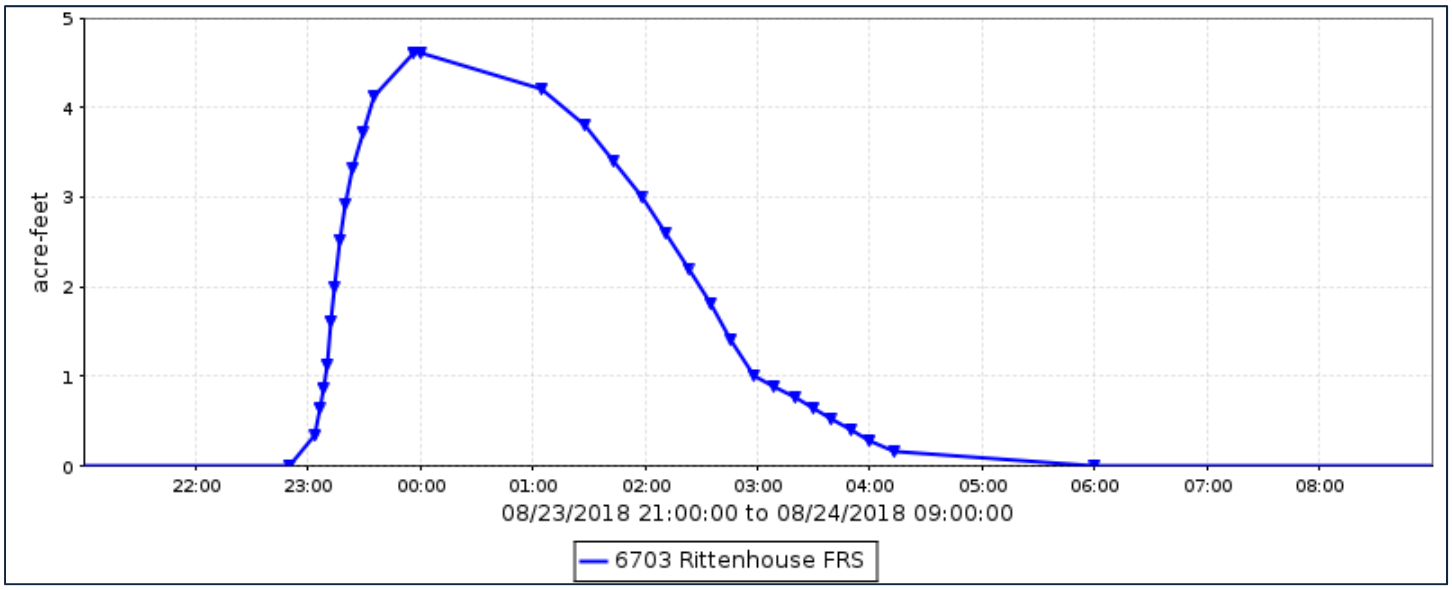




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
08/13/2018	1.85	4.4	0.1
08/23/2018	1.90	4.6	0.1

Hydrograph of peak WY 2018 impoundment event, 08/23/2018



Rittenhouse FRS, runoff data

Discharge, in cub, Water Year October 2017 to September 2018

Daily Mean Values

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

WTR YR 2018 TOTAL 6 MEAN 0 MAX 19 MIN 0 AC_FT 11

Rittenhouse FRS, volume data

Volume, in acre-feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13											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	0	5	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 2018 MEAN 0 MAX 5 MIN 0

Rittenhouse FRS, stage data

Depth, in feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
6	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
7	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
8	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
9	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
10	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
11	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
12	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
13	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.5	0.2
14	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
15	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
16	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
17	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
18	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
19	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
20	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
21	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
22	0.2	0.2	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
23	0.2	0.2	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2
24	0.2	0.2	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.4	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
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	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2
MAX	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	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 2018 MEAN 0.25 MAX 1.90 MIN 0.25

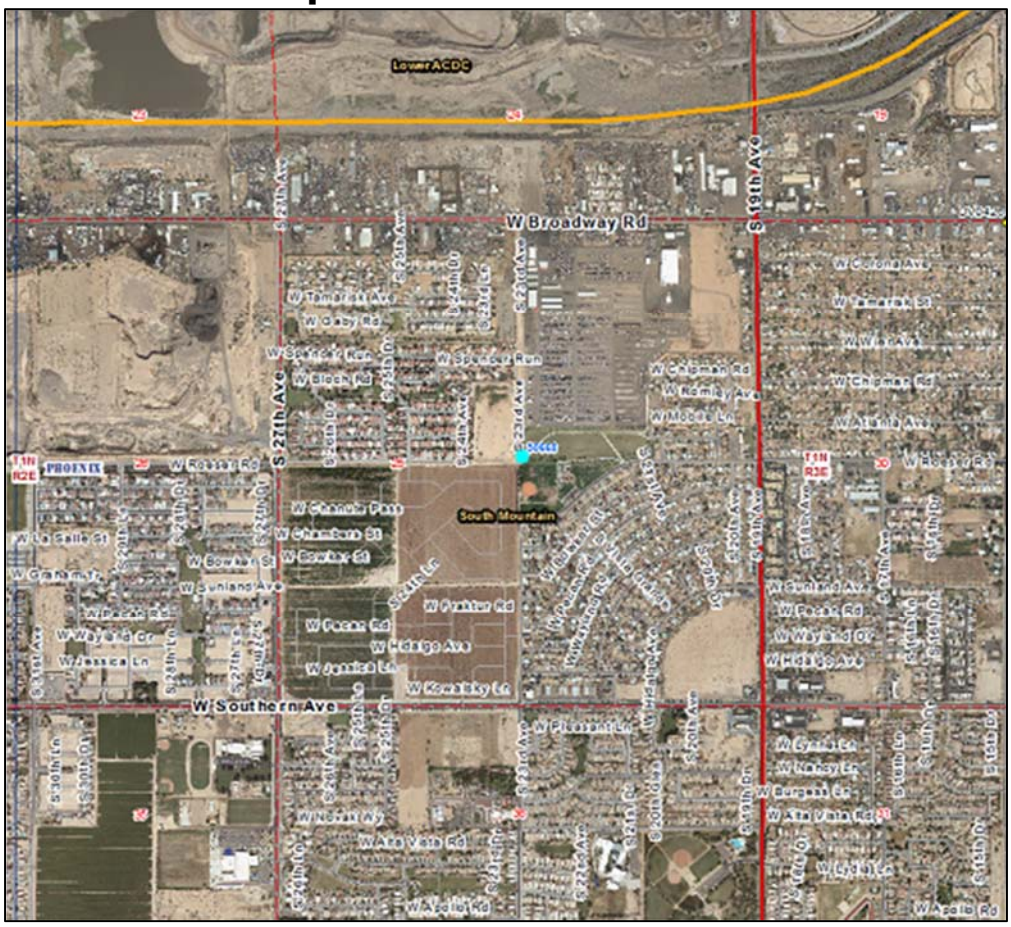
Roeser Road at 23rd Avenue Basin, ID #66807

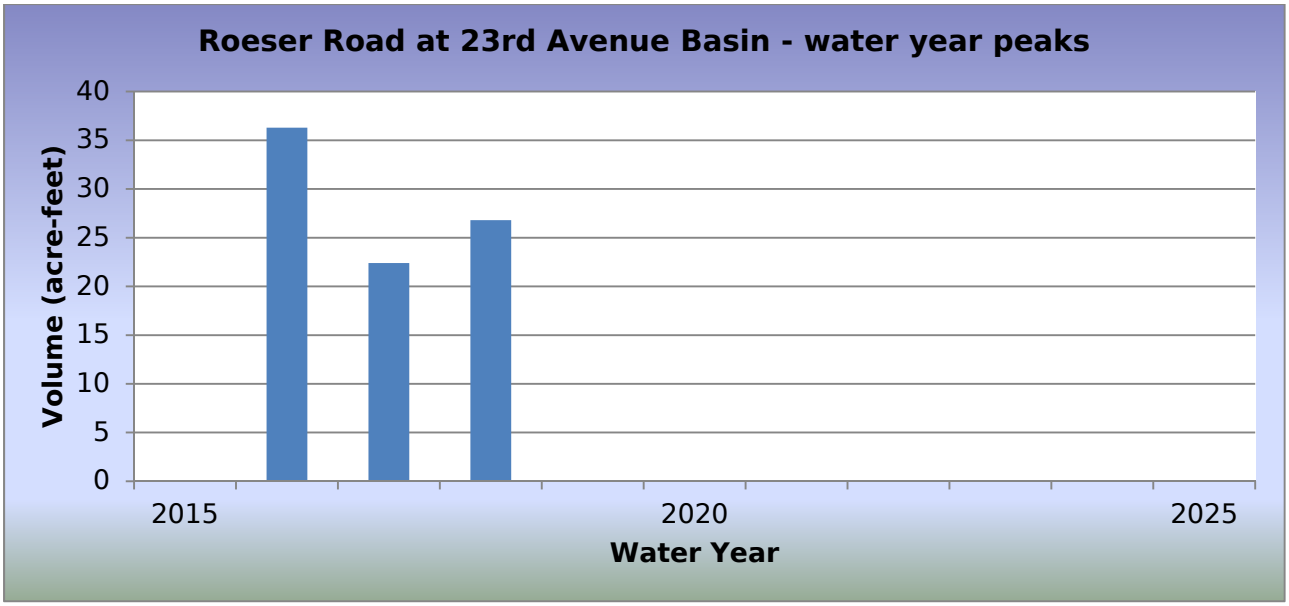


Site Data

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	3.00 Years | 1,096 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

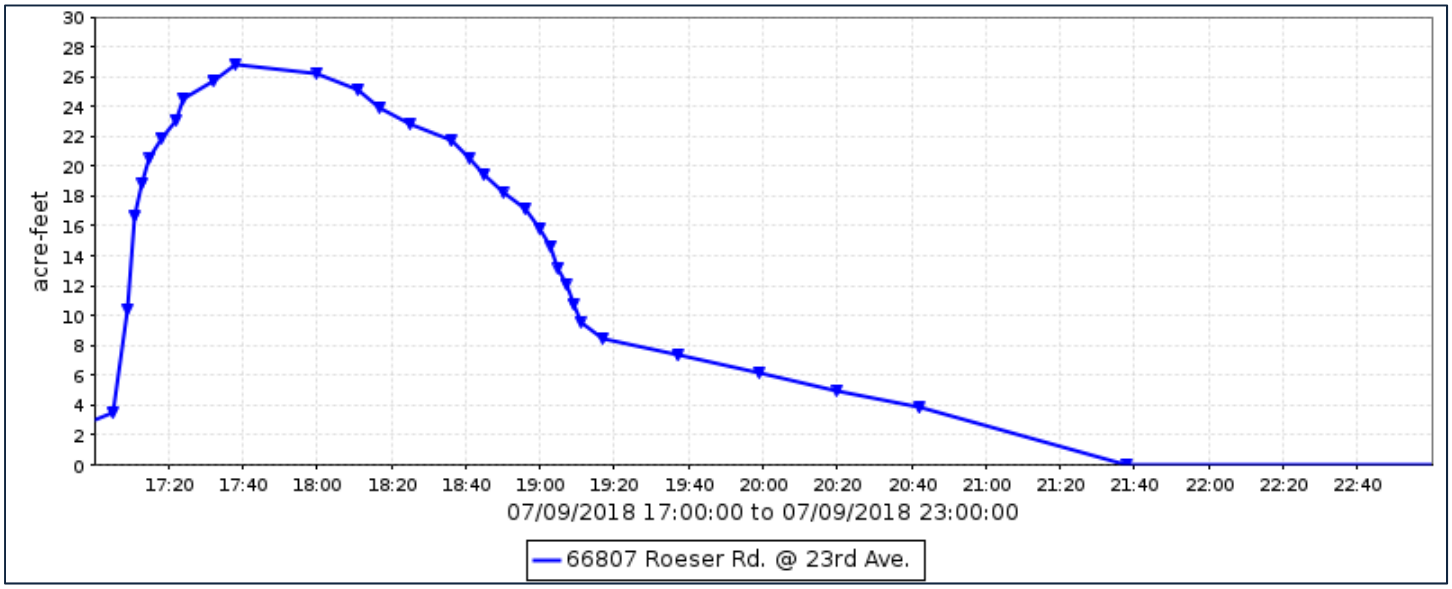




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
07/09/2018	2.36	26.8	19.6
07/11/2018	0.81	9.2	6.8
08/02/2018	1.24	14.1	10.4
08/10/2018	1.59	18.0	13.2

Hydrograph of peak WY 2018 impoundment event, 07/09/2018



Roeser Road at 23rd Avenue Basin, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
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 2018 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 2017 to September 2018

Daily Mean Values

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

WTR YR 2018 MEAN 0 MAX 27 MIN 0

Roeser Road at 23rd Avenue Basin, stage data

Depth, in feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
6	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
7	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
8	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
9	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.4	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	0.3	0.3	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	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2
15	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
16	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
17	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
18	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
19	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
20	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
21	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
22	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
23	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2
24	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
25	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
26	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
27	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
28	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
29	0.2	0.2	0.2	0.2	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2
30	0.2	0.2	0.2	0.2	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2
31	0.2	---	0.2	0.2	---	0.2	---	0.2	---	0.2	0.2	---
MEAN	0.2	0.2	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	0.8	0.7	0.2	0.2	0.2	0.2	2.4	1.6	0.2
MIN	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2

WTR YR 2018 MEAN 0.20 MAX 2.36 MIN 0.20

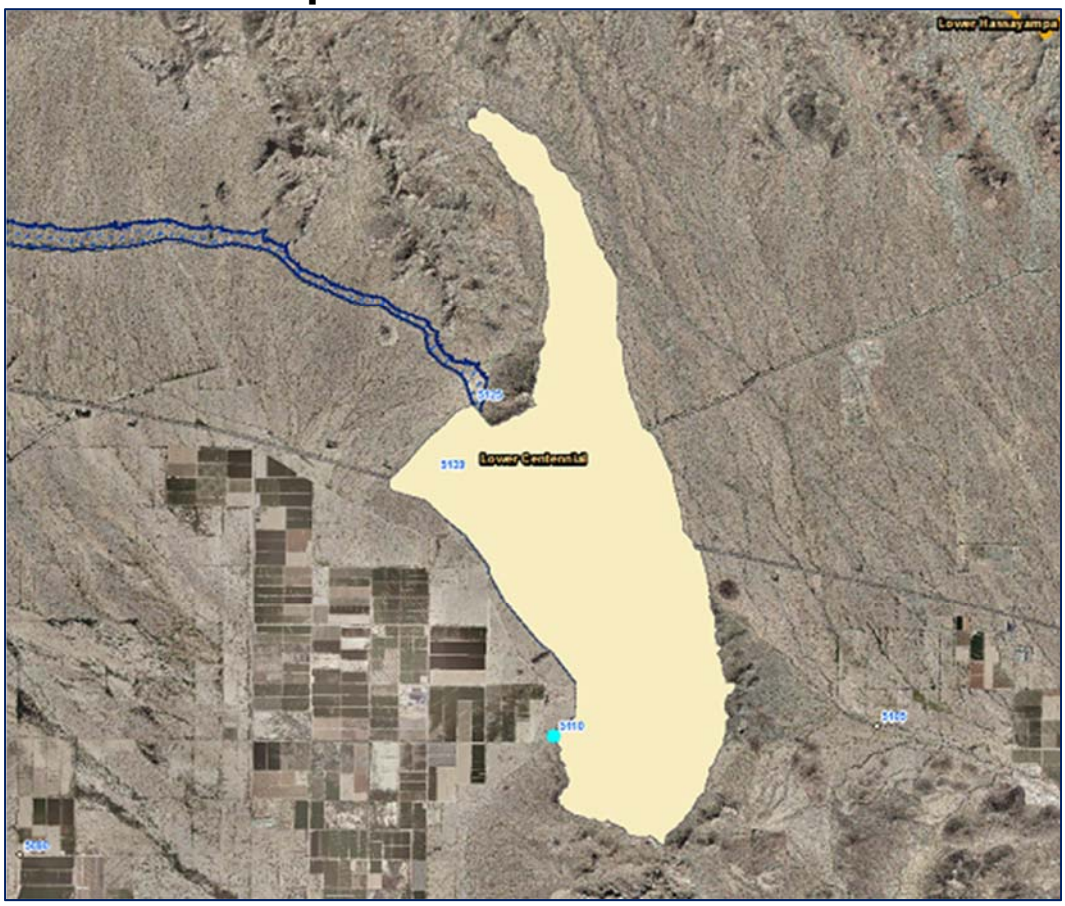
Saddleback FRS, ID #5113

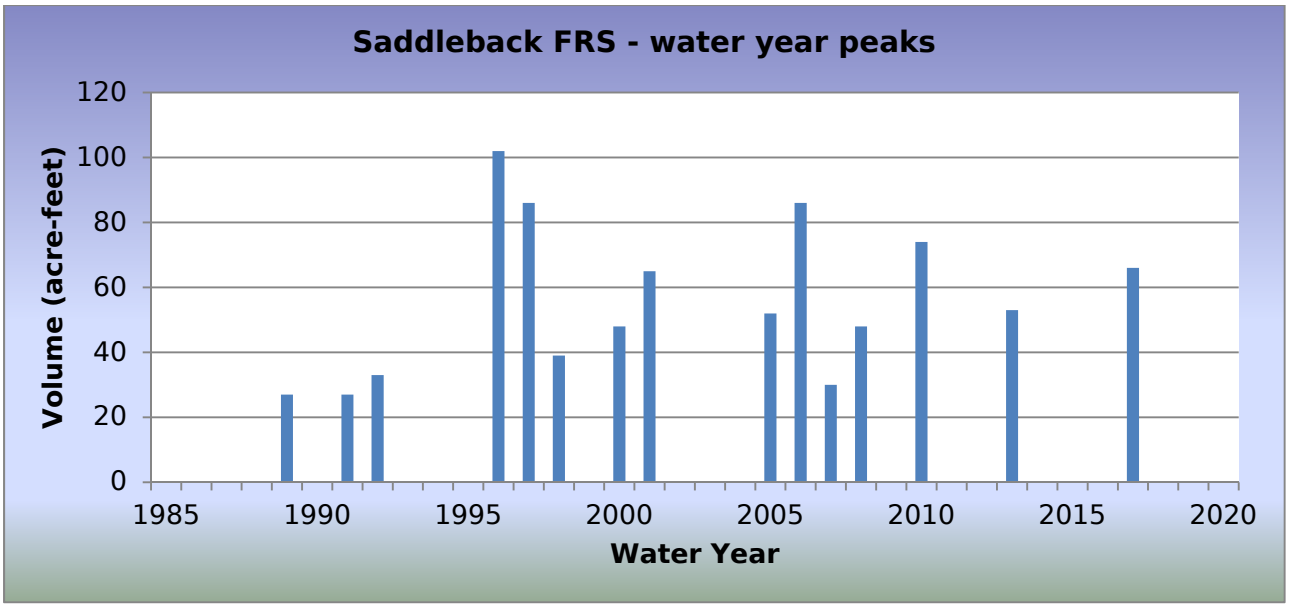


Site Data

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	2.79 Years | 10,881 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





WY2018 Events

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

Hydrograph of peak WY 2018 impoundment event

No impoundments recorded during Water Year 2018.

Saddleback FRS, runoff data

Discharge, in cub, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
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 2018 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

Saddleback FRS, volume data

Volume, in acre feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
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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 2018 MEAN 0 MAX 0 MIN 0

Saddleback FRS, stage data

Depth, in feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
5	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
6	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
7	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
8	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
9	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
10	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
11	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
12	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
13	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
14	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	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 2018 MEAN 0.30 MAX 0.30 MIN 0.30

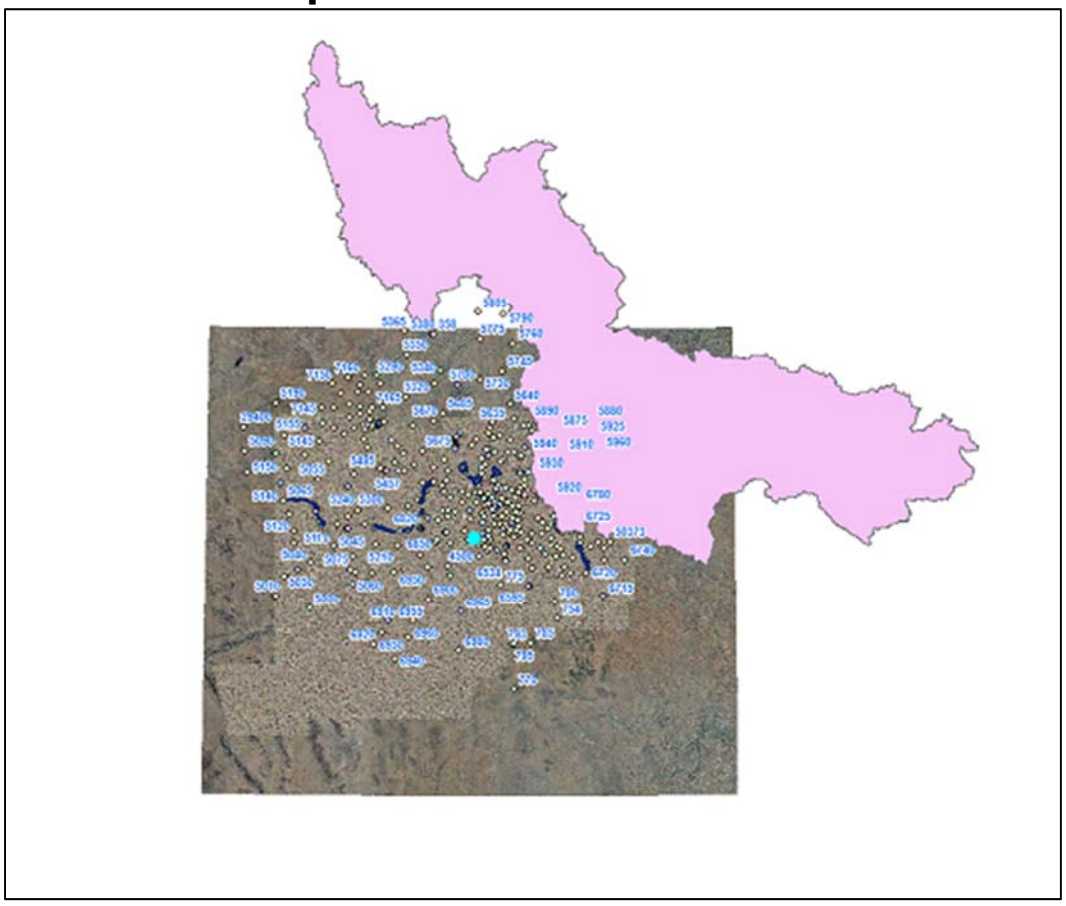
Salt River below Granite Reef Dam, ID #4583

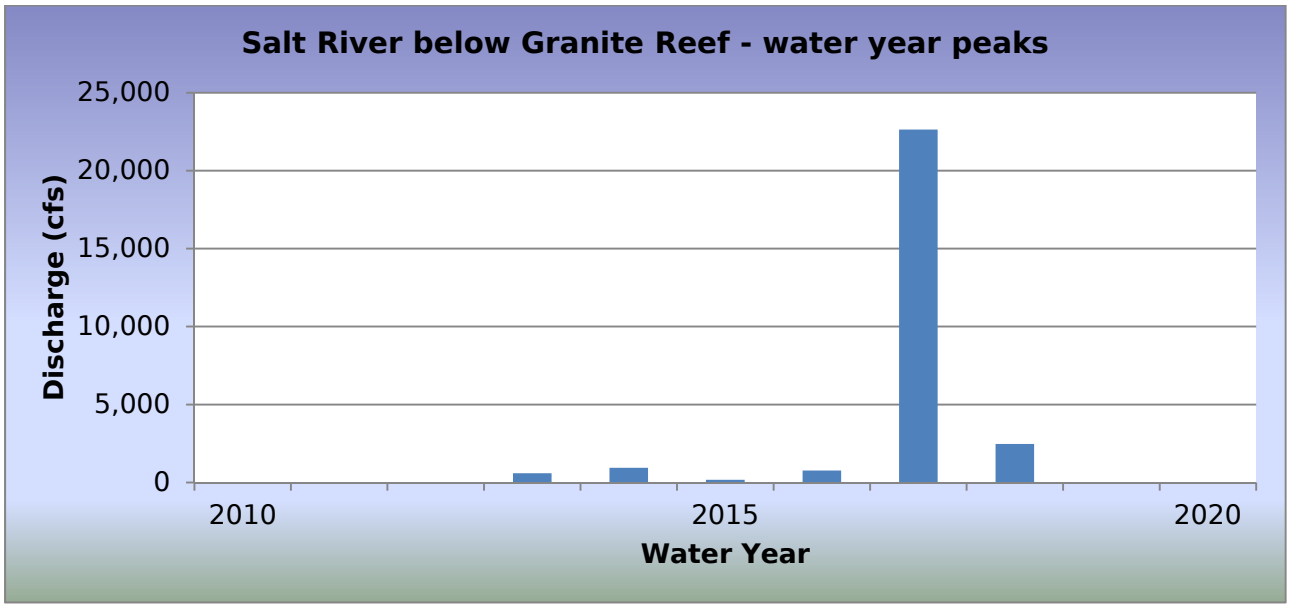


Site Data

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	6.50 Years | 2,373 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

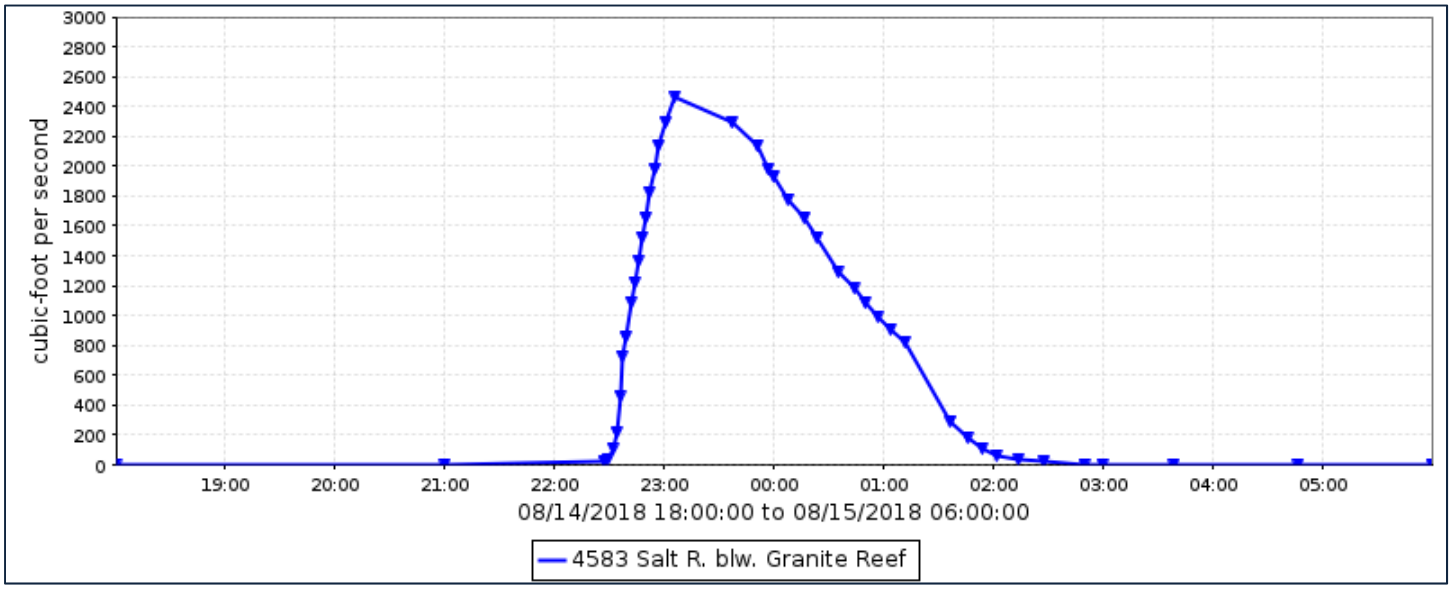




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
08/14/2018	8.40	2,467

Hydrograph of peak WY 2018 flow event, 08/14/2018



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 cub, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1						56	55	83	22	30	45	49
2						56	59	85		30	41	50
3					26	60	65	83		30	40	51
4					44	62	67	83		30	41	55
5					42	74	62	87		28	42	52
6					42	77	61	83		27	41	49
7					38	68	59	85		27	43	45
8					40	68	61	83		25	38	49
9			---		42	71	63	83		217	98	49
10			---		49	65	57	80		16	44	49
11					65	74	60	74	16		565	49
12					65	65	62	80	24	15		50
13					73	65	62	85	24	20		50
14					81	62	63	88	27	22	122	50
15					85	54	69	93	25	24	90	52
16					77	50	69	91	25	27		50
17					81	53	75	91	33	33		51
18					89	55	75	91	31	37		54
19					77	57	71	91	29	42		50
20					77	54	73	91	32	41		54
21					77	57	75	93	34	45		57
22					89	57	74	93	34	44		57
23					89	56	78	96	37	41		59
24					59	57	76	94	35	40		55
25					44	57	74	93	33	43	11	61
26					53	66	80	92	30	41	15	66
27					53	62	76	88	31	45	28	67
28					56	62	76	93	32	43	30	66
29					---	59	78	93	35	41	36	70
30					---	55	81	93	32	41	41	70
31		---			---	53	---	91	---	45	46	---
TOTAL	0	0	0	0	1618	1890	2054	2726	621	1190	1458	1641
MEAN	0	0	0	0	58	61	68	88	21	38	47	55
MAX	0	0	0	0	111	111	89	107	45	1291	2975	89
MIN	0	0	0	0	0	0	52	67	0	0	0	37
AC_FT	0	0	0	0	3208	3749	4075	5407	1233	2361	2892	3254

WTR YR 2018 TOTAL 13199 MEAN 36 MAX 2975 MIN 0 AC_FT 26179

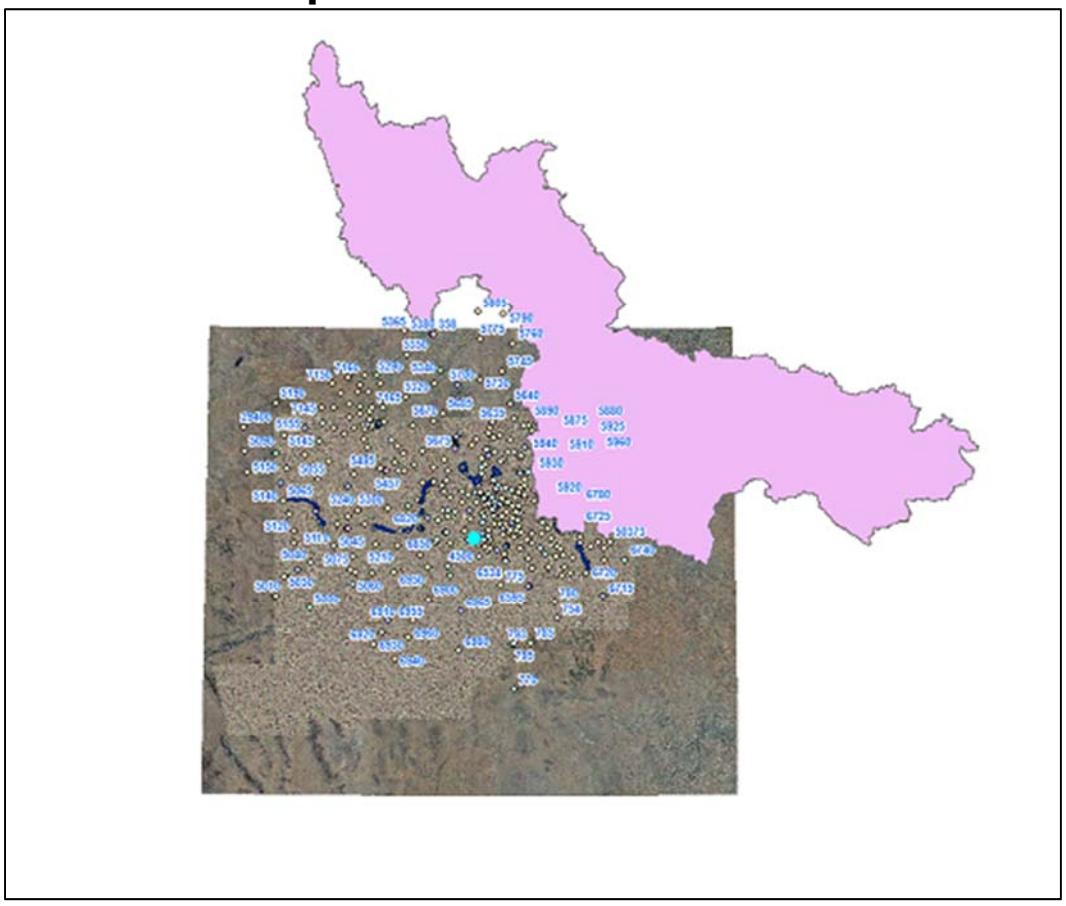
Salt River at Val Vista Drive, ID #4548

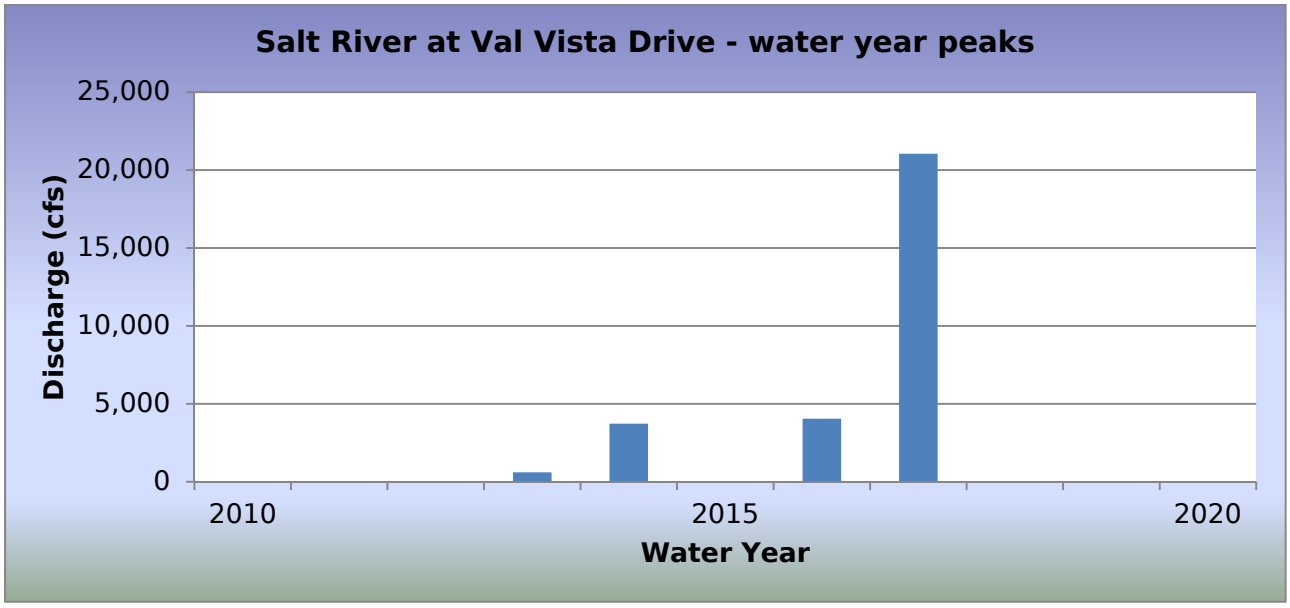


Site Data

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	7.47 Years | 2,727 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





WY2018 Events

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

Hydrograph of peak WY 2018 flow event,

No runoff recorded during Water Year 2018.

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 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5			---									
6			---									
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
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 2018 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

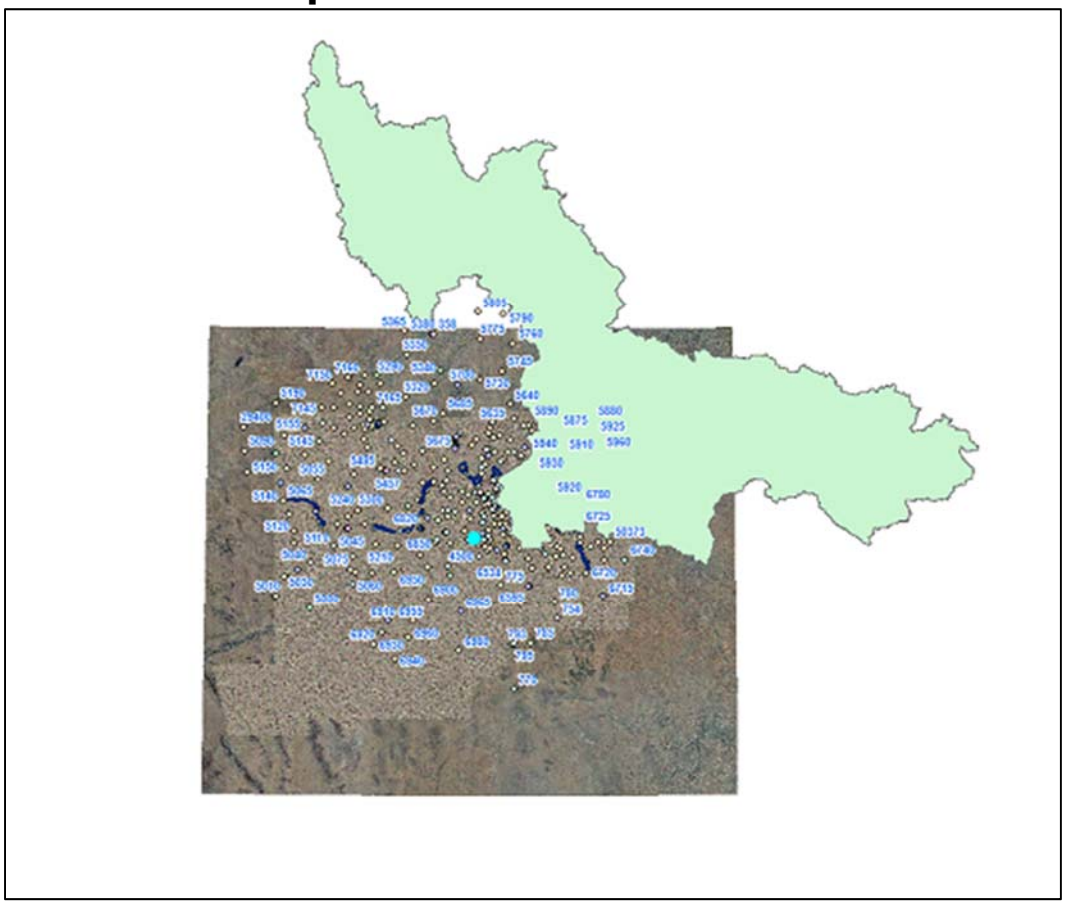
Salt River at Priest Drive, ID #4523

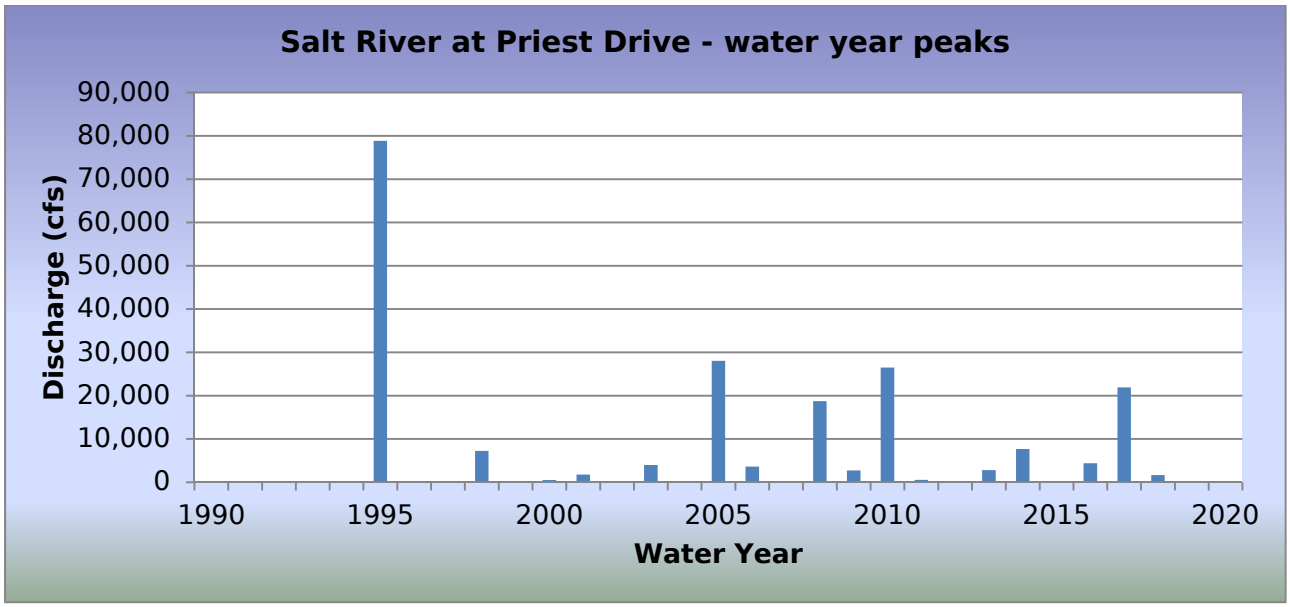


Site Data

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	24.82 Years | 9,064 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

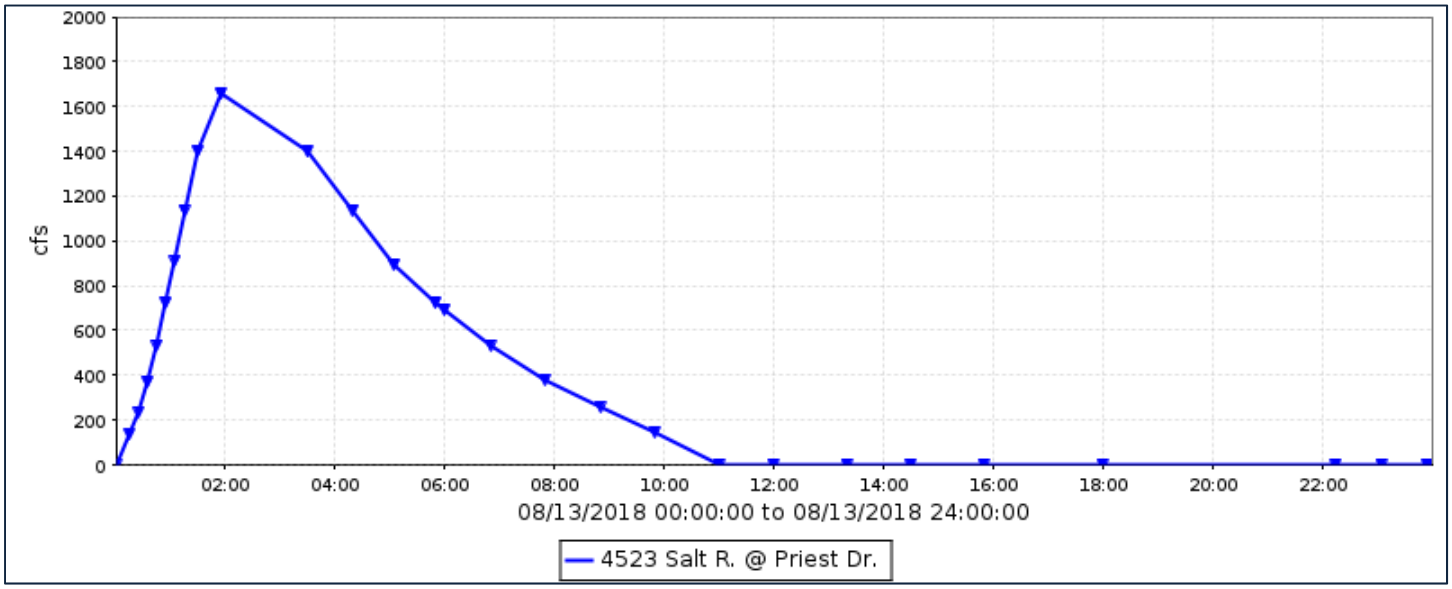




WY2018 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
08/13/2018	5.08	1,654

Hydrograph of peak WY 2018 flow event, 08/13/2018



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 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10											181	
11											613	
12												
13											362	
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	1157	0
MEAN	---	0	---	0	0	0	0	---	---	0	37	0
MAX	---	0	---	0	0	0	0	---	---	0	2868	0
MIN	---	---	---	---	---	---	---	---	---	---	---	---
AC_FT	---	0	---	0	0	0	0	---	---	0	2294	0

WTR YR 2018 TOTAL 1157 MEAN 3 MAX 2868 MIN --- AC_FT 2294

See *USGS Water-Data Report AZ-18-1* for official data for this site.

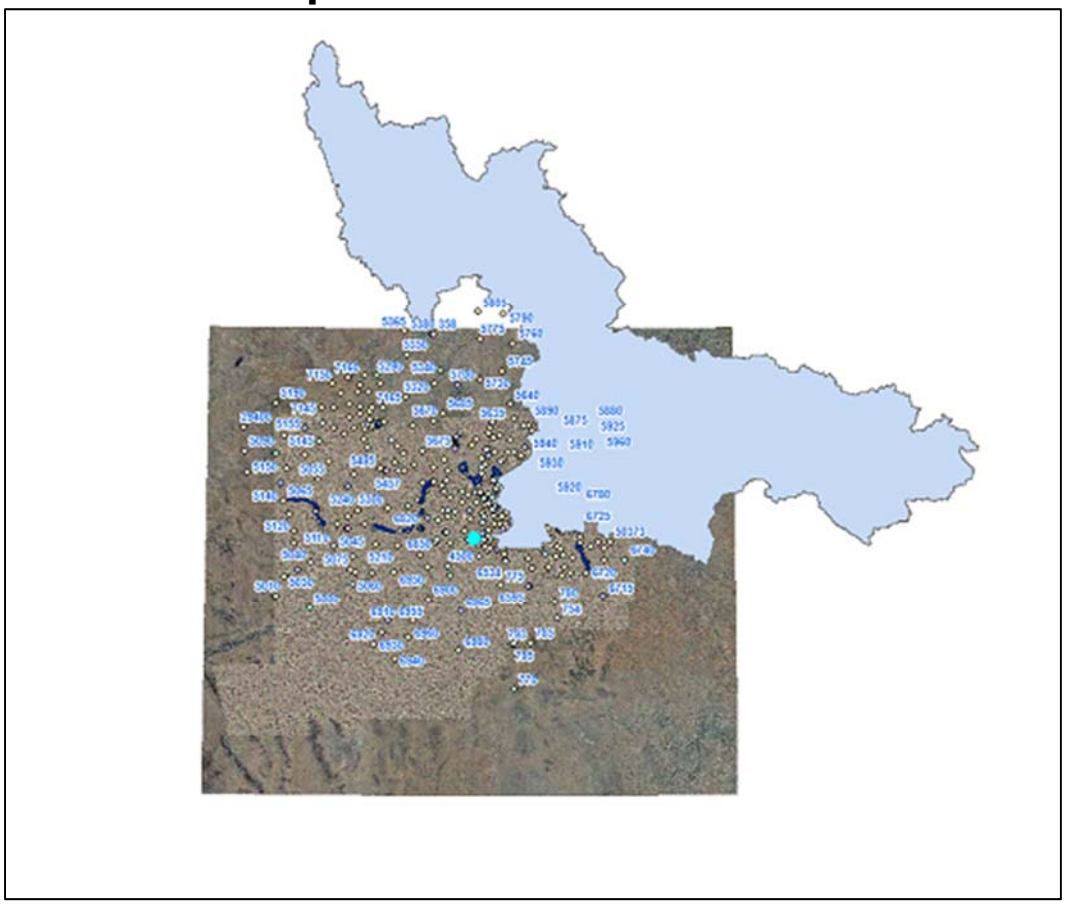
Salt River at 7th Avenue, ID #4763

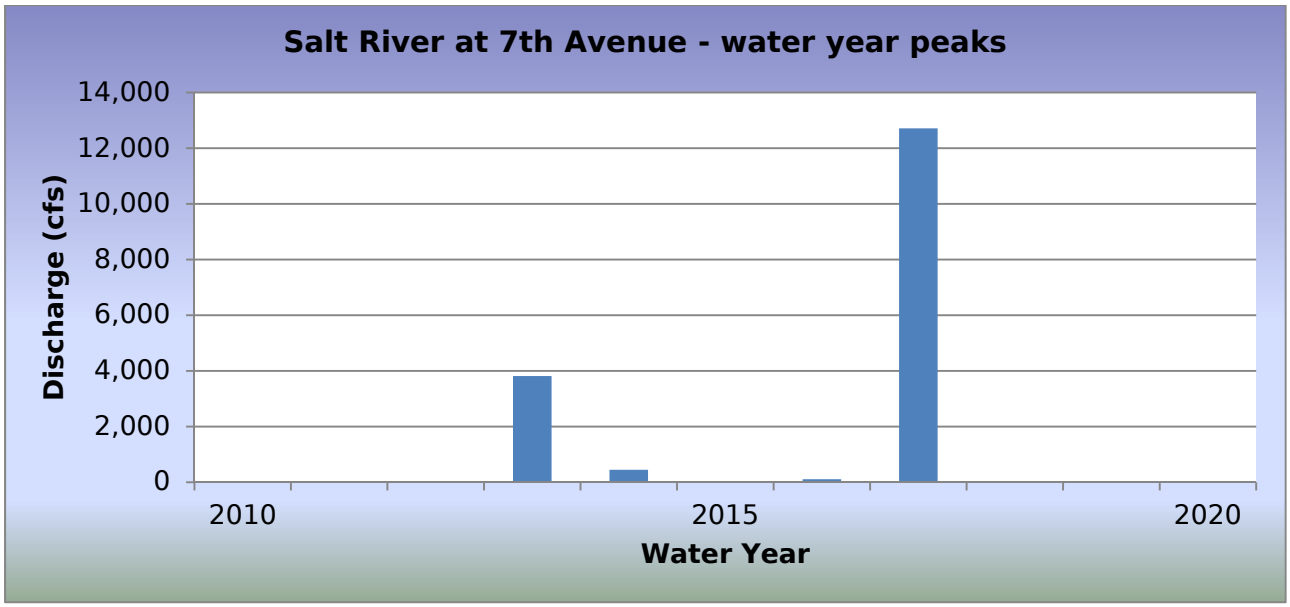


Site Data

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	6.68 Years | 2,441 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





WY2018 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
07/09/2018	5.22	37
08/11/2018	5.69	45

Hydrograph of peak WY 2018 flow event,

Hydrograph not included due to very low peak Q.

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 2017 to September 2018

Daily Mean Values

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

WTR YR 2018 TOTAL 22 MEAN 0 MAX 45 MIN 0 AC_FT 44

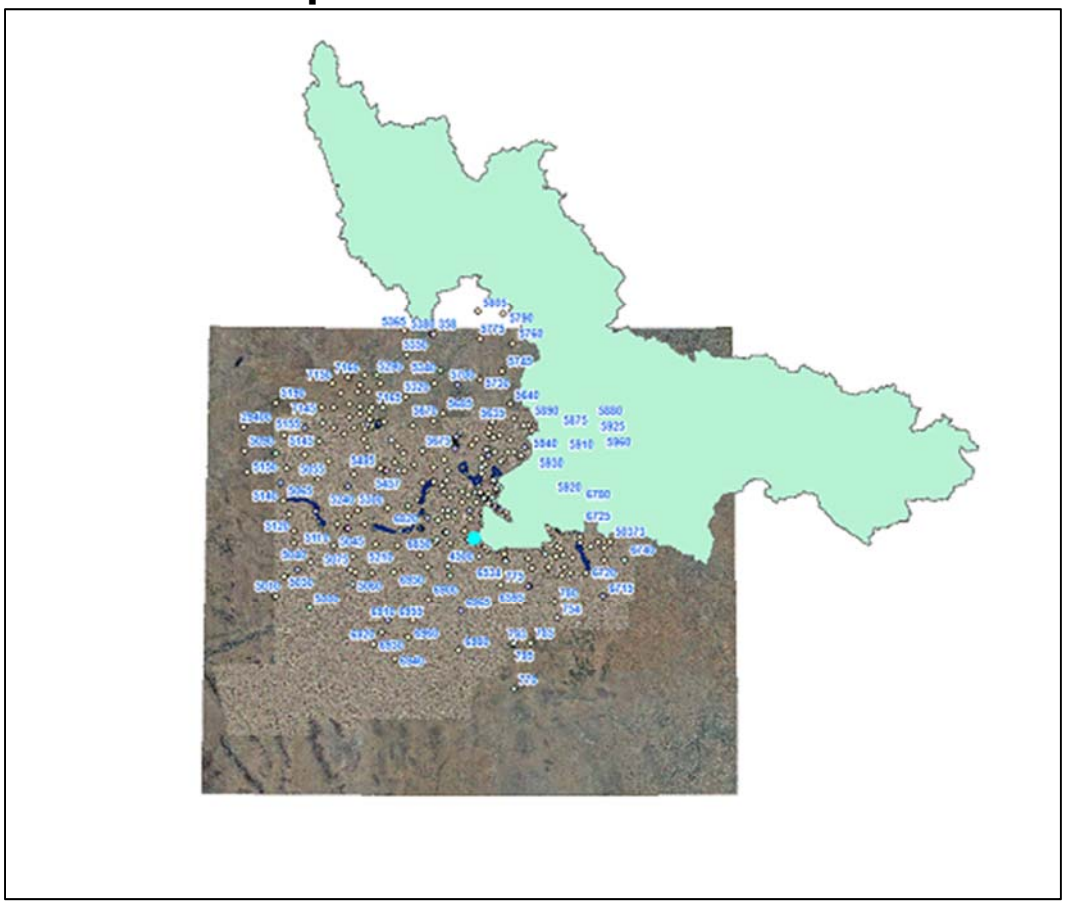
Salt River at 51st Avenue, ID #4753

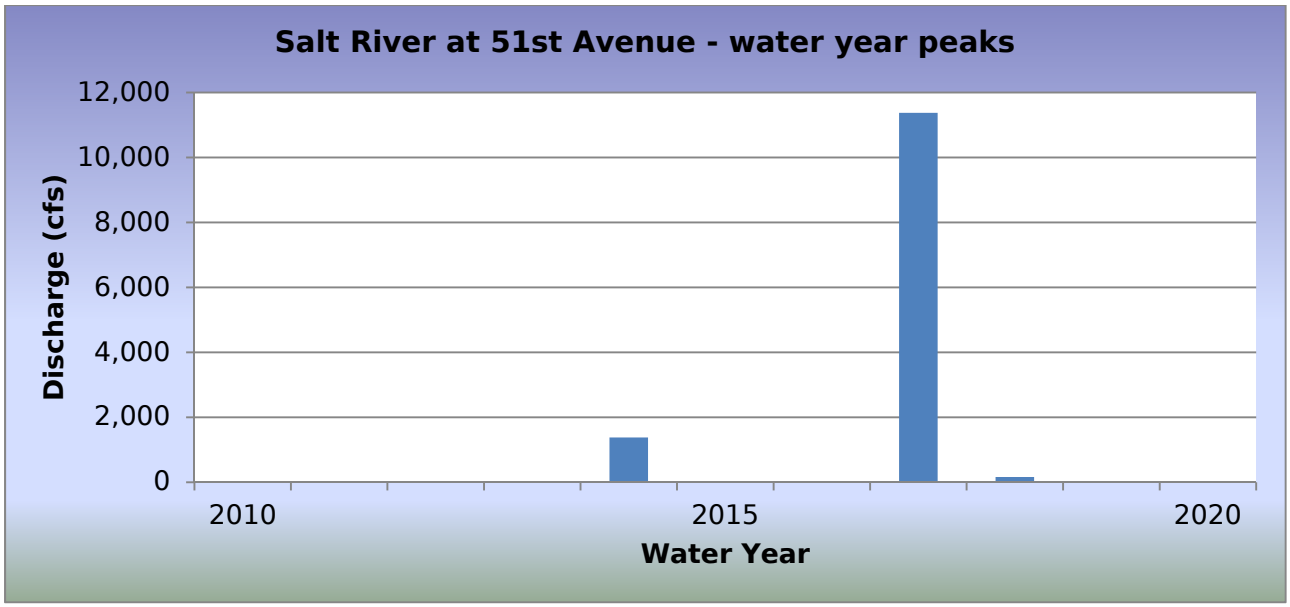


Site Data

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	7.43 Years | 2,714 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

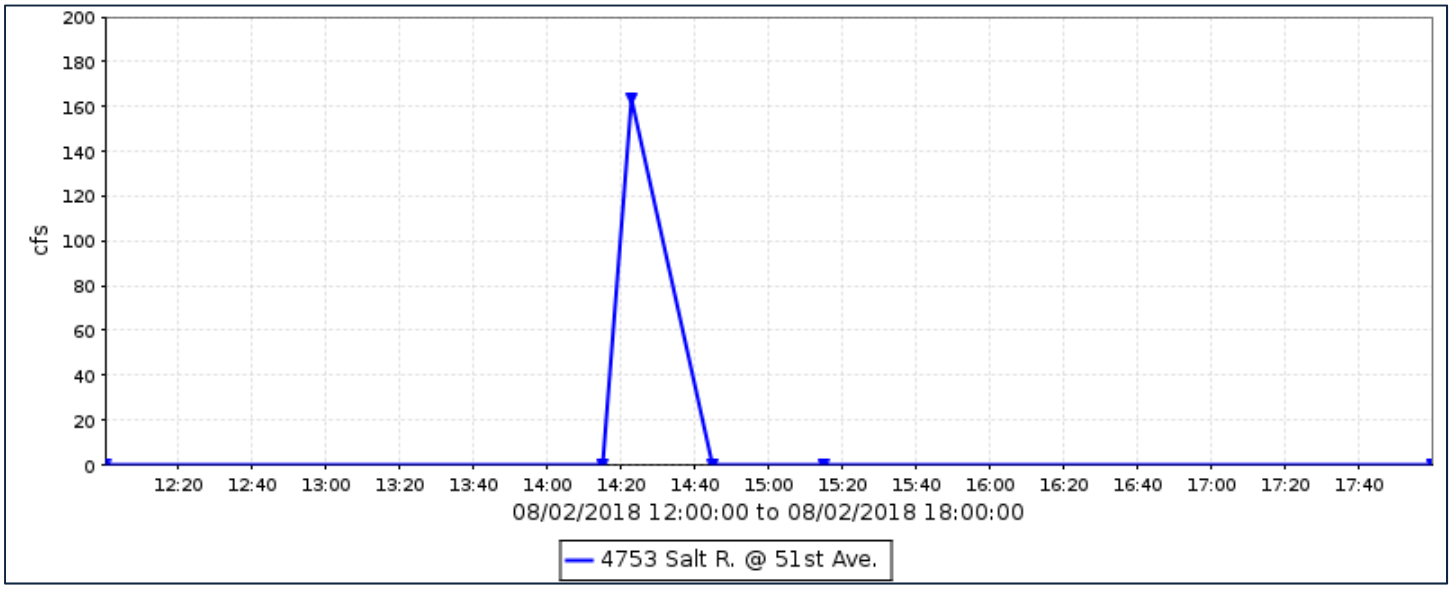




WY2018 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
08/02/2018	3.10	163

Hydrograph of peak WY 2018 flow event, 08/02/2018



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 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2											2	
3												
4												
5												
6												
7												
8												
9												---
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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	163	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	5	0

WTR YR 2018 TOTAL 2 MEAN 0 MAX 163 MIN 0 AC_FT 5

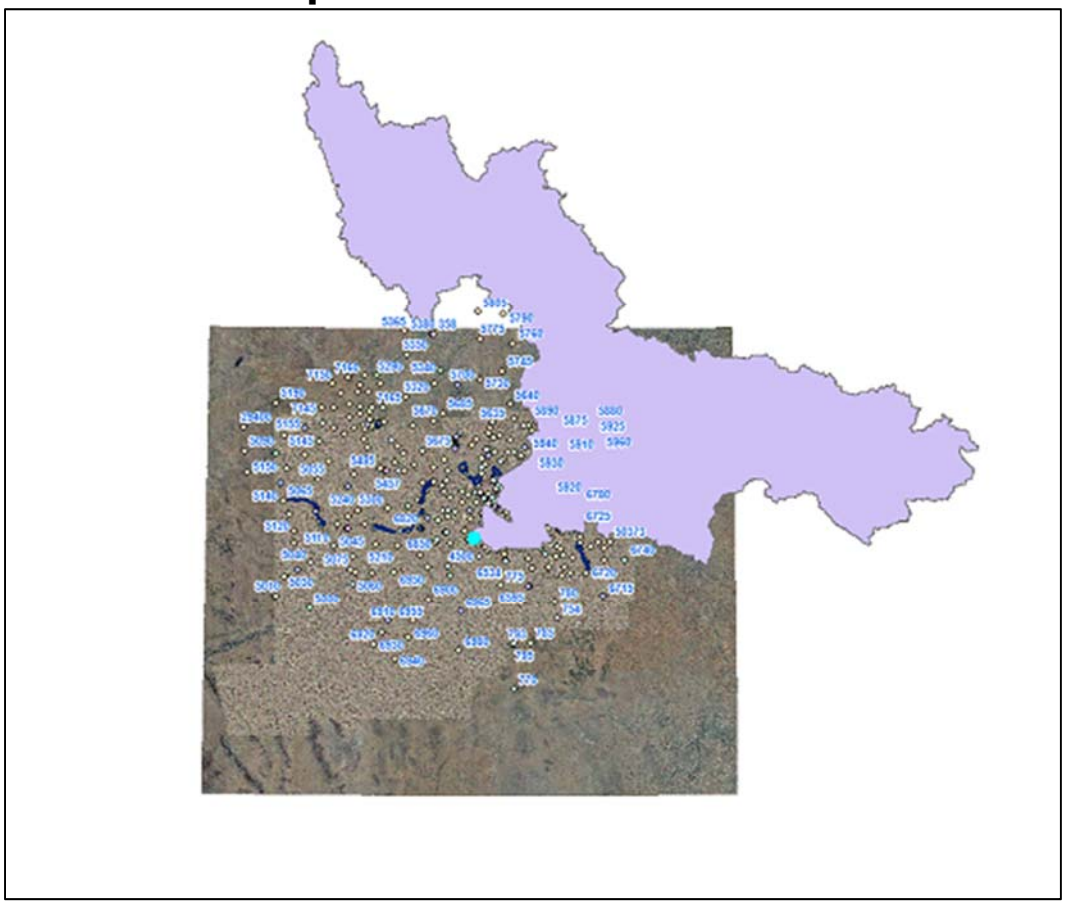
Salt River at 67th Avenue, ID #4758

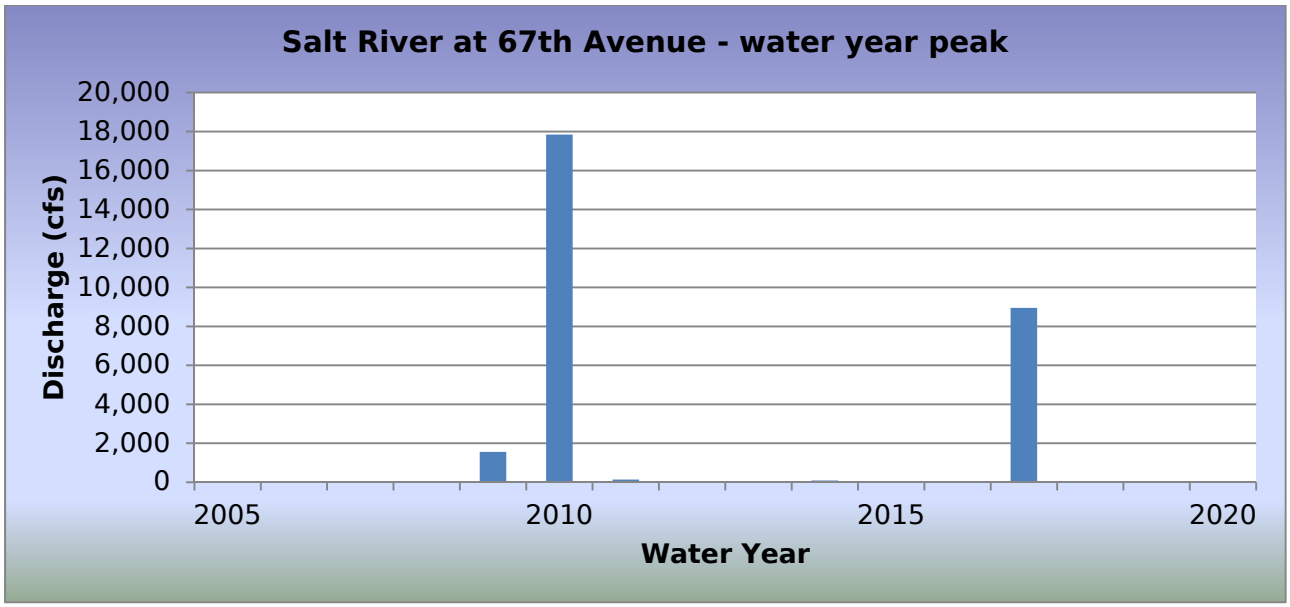


Site Data

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	10.21 Years | 3,731 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





WY2018 Events

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

Hydrograph of peak WY 2018 flow event

No runoff recorded during Water Year 2018.

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 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
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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 2018 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

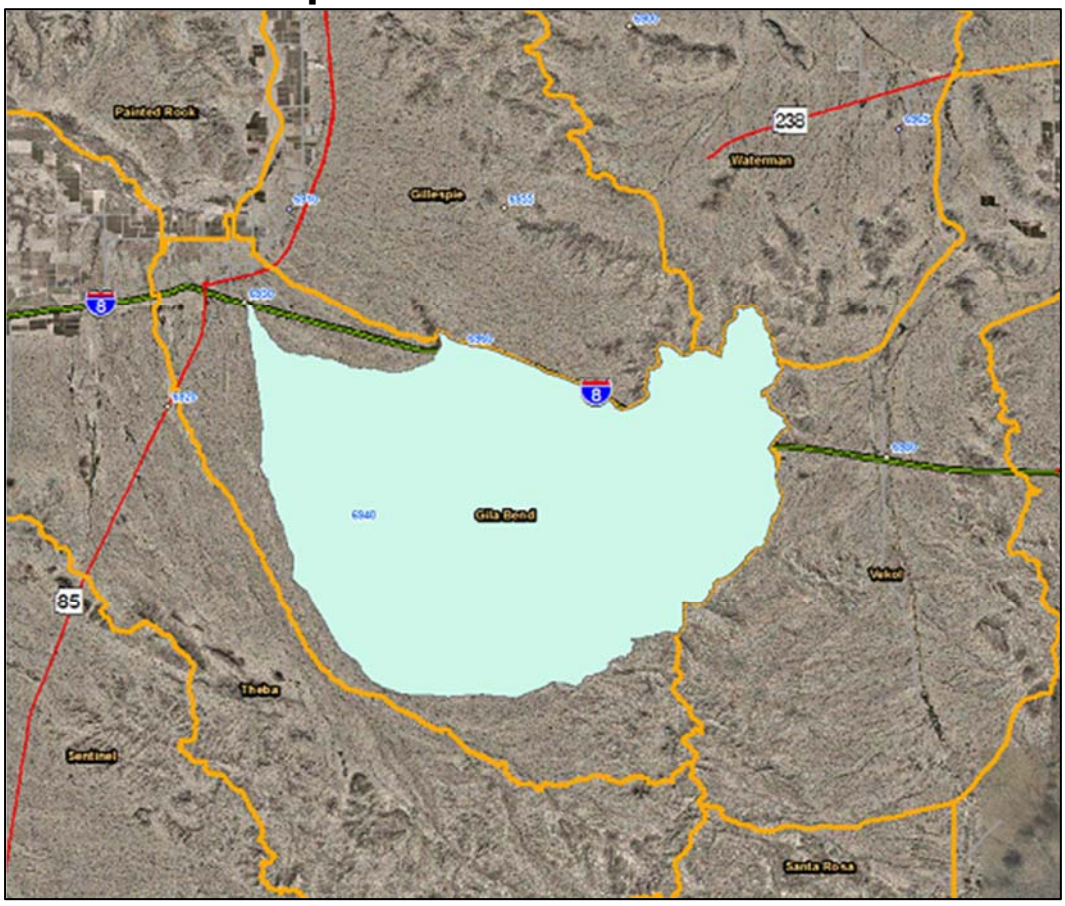
Sand Tank Wash at I-8, ID #6933

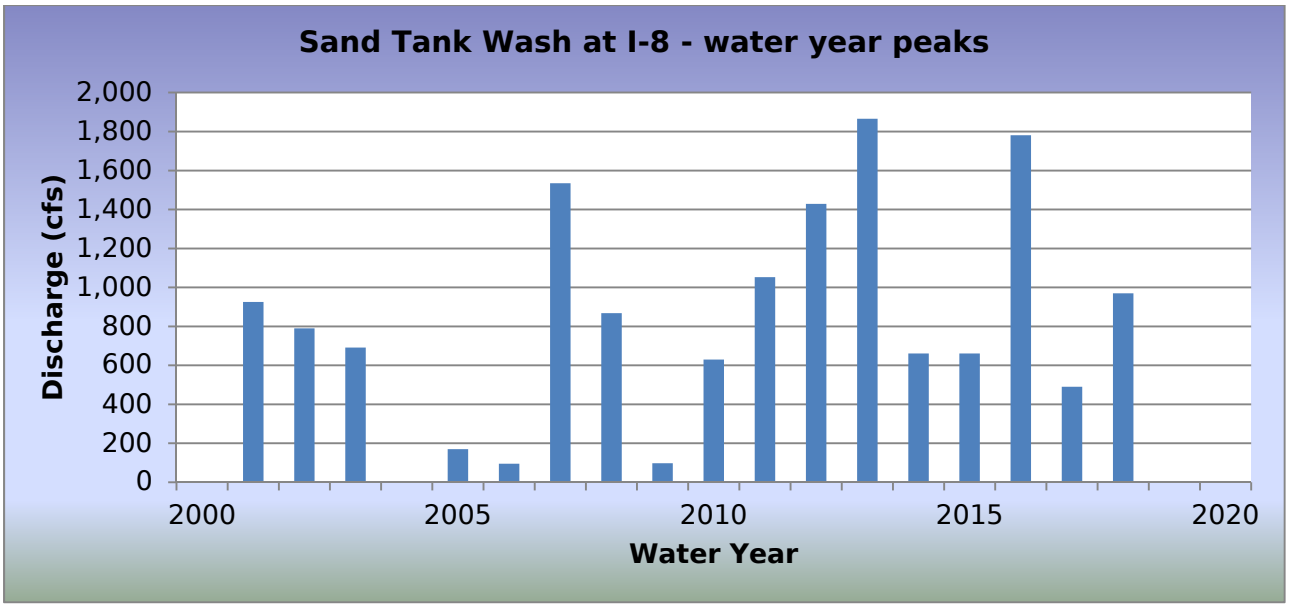


Site Data

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	17.34 Years | 6,332 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

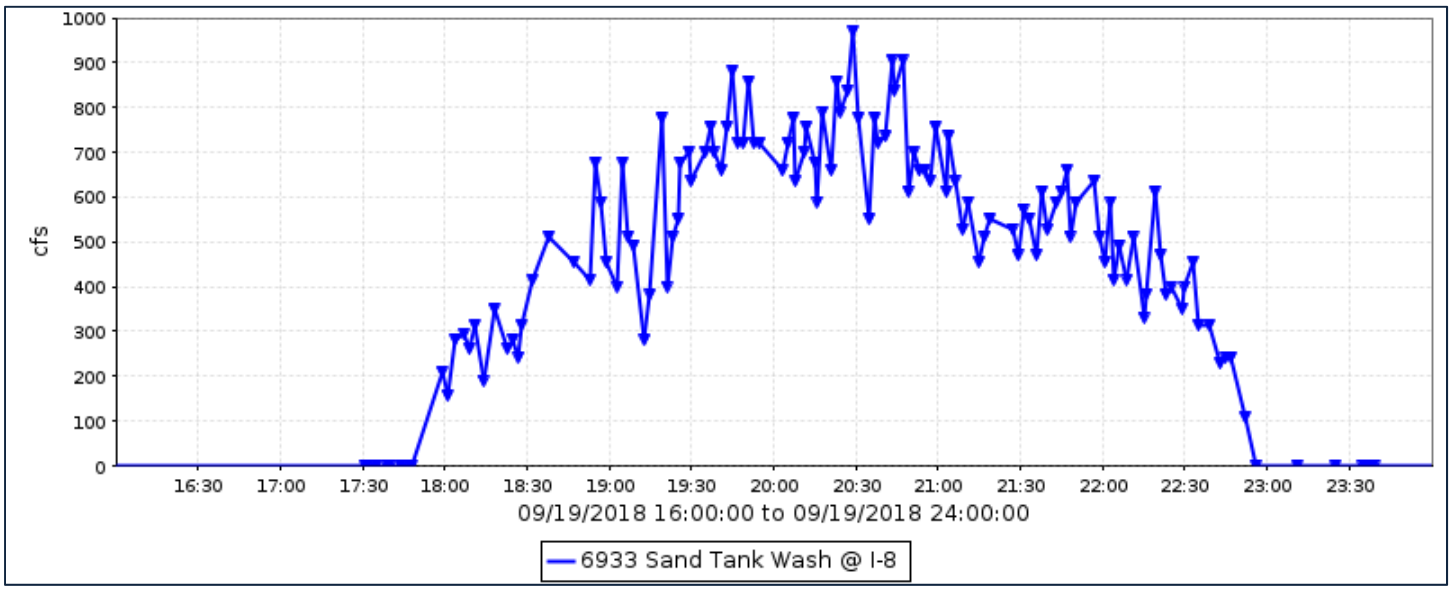




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
09/03/2018	2.18	280
09/19/2018	3.47	970

Hydrograph of peak WY 2018 flow event, 09/19/2018



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**
650	**1,360**	**1,900**	**2,450**	**3,180**	**3,730**

NOTE: These results are based on very limited data.

Sand Tank Wash at I-8, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												3
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												110
20												
21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	0	0	0	0	0	0	0	0	113
MEAN	0	0	0	0	0	0	0	0	0	0	0	4
MAX	0	0	0	0	0	0	0	0	0	0	0	970
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	224

WTR YR 2018 TOTAL 113 MEAN 0 MAX 970 MIN 0 AC_FT 224

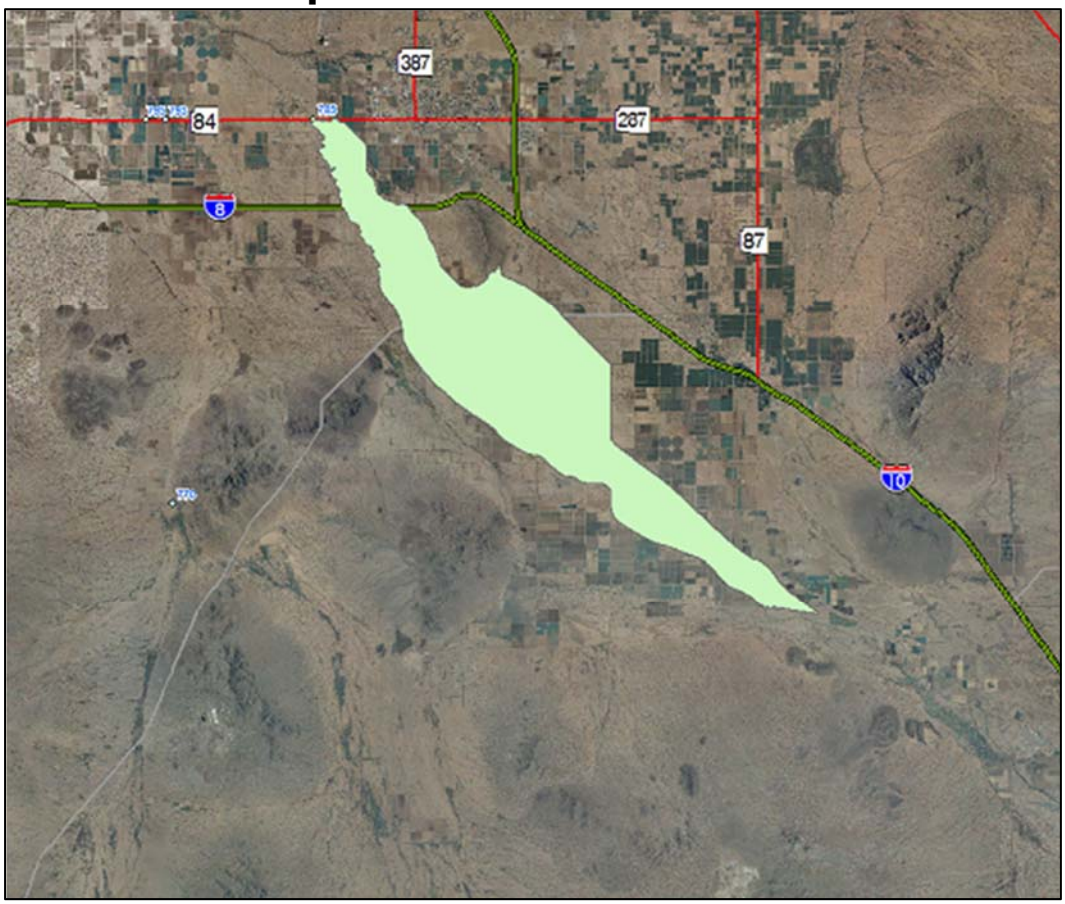
Santa Cruz River at SR84, ID #0788

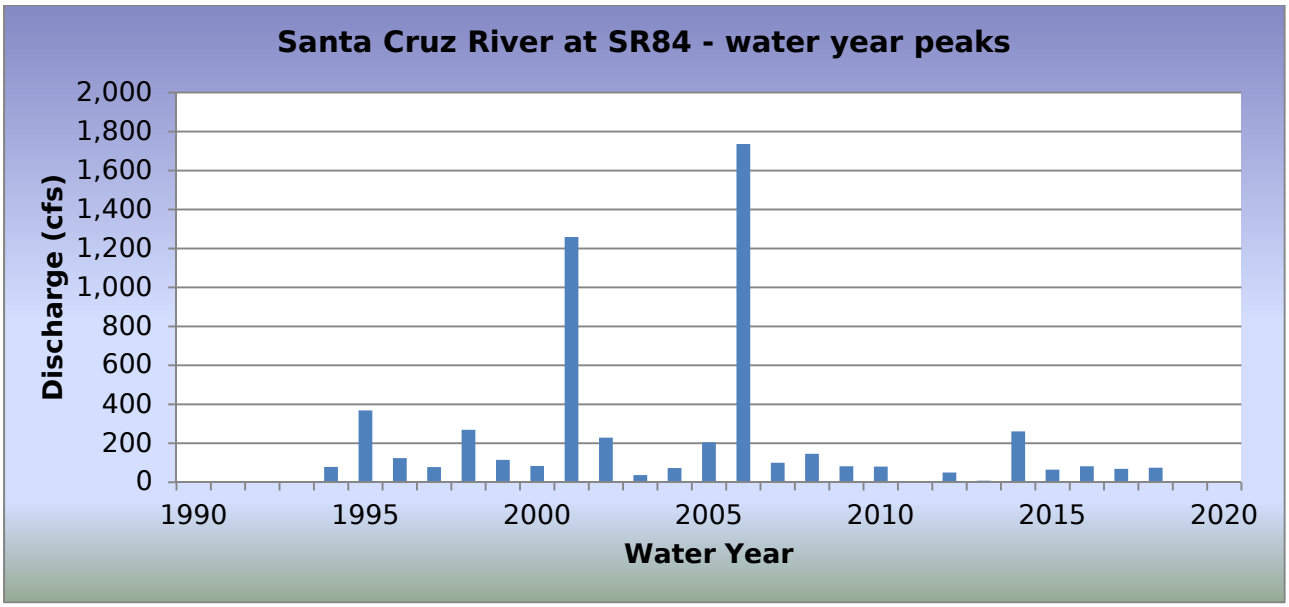


Site Data

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	24.54 Years | 8,965 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

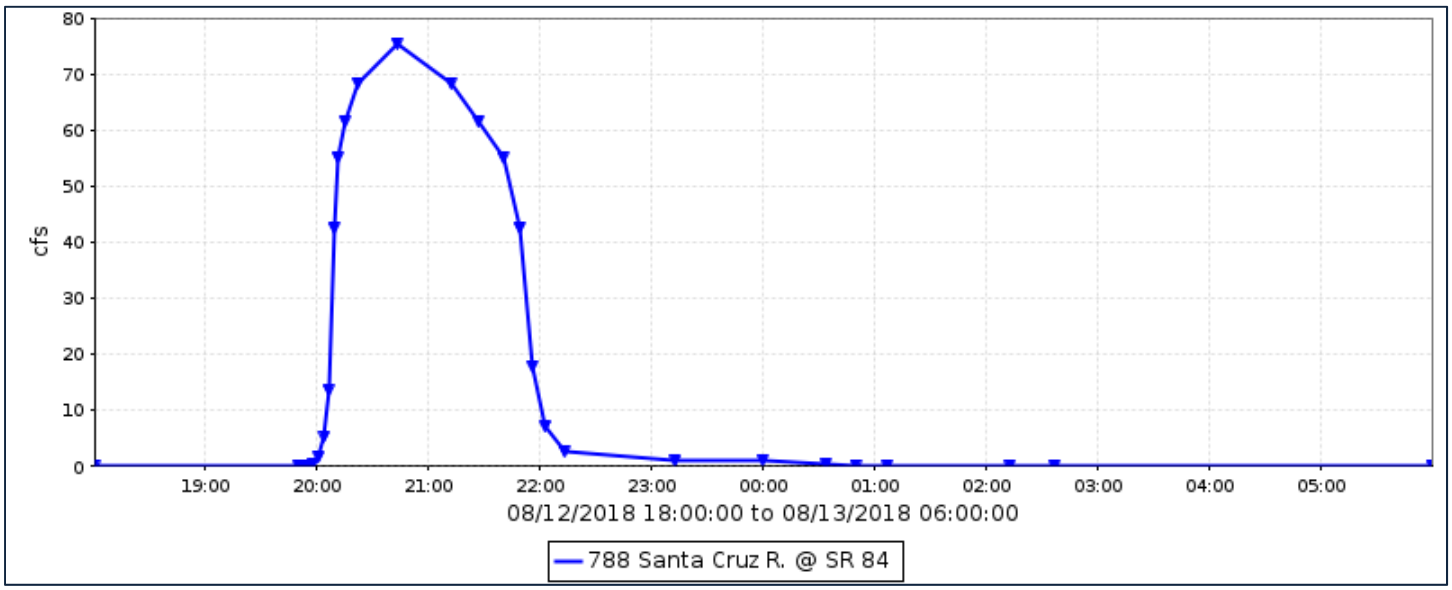




WY2018 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
08/12/2018	1.28	75

Hydrograph of peak WY 2018 flow event, 08/12/2018



Flood Flow Frequency

Flood Flow Frequency N=25, HEC-WRC computation (based on 25 years of data)					
2-year	**5-year**	**10-year**	**20-year**	**50-year**	**100-year**
113	**311**	**528**	**818**	**1,340**	**1,860**

Santa Cruz River at SR84, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12											5	
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	5	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	75	1
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	10	0

WTR YR 2018 TOTAL 5 MEAN 0 MAX 75 MIN 0 AC_FT 11

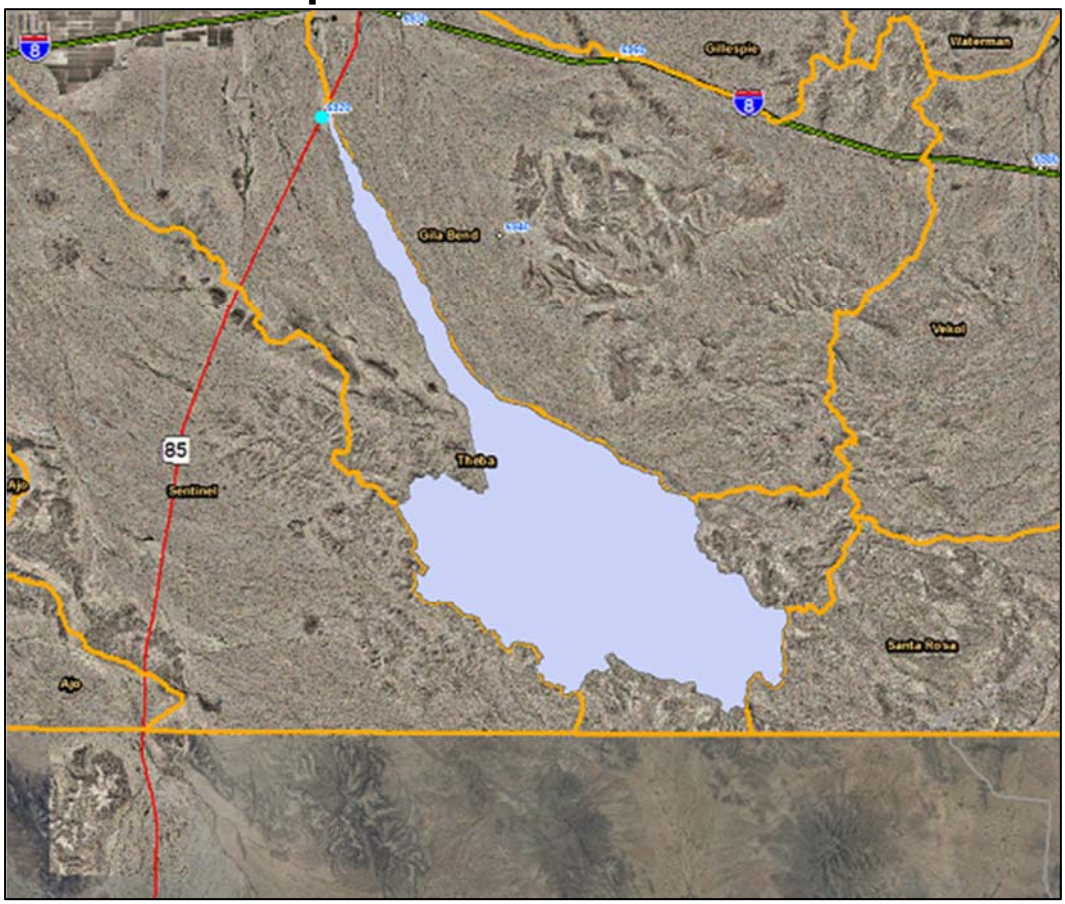
Sauceda Wash, ID #6923

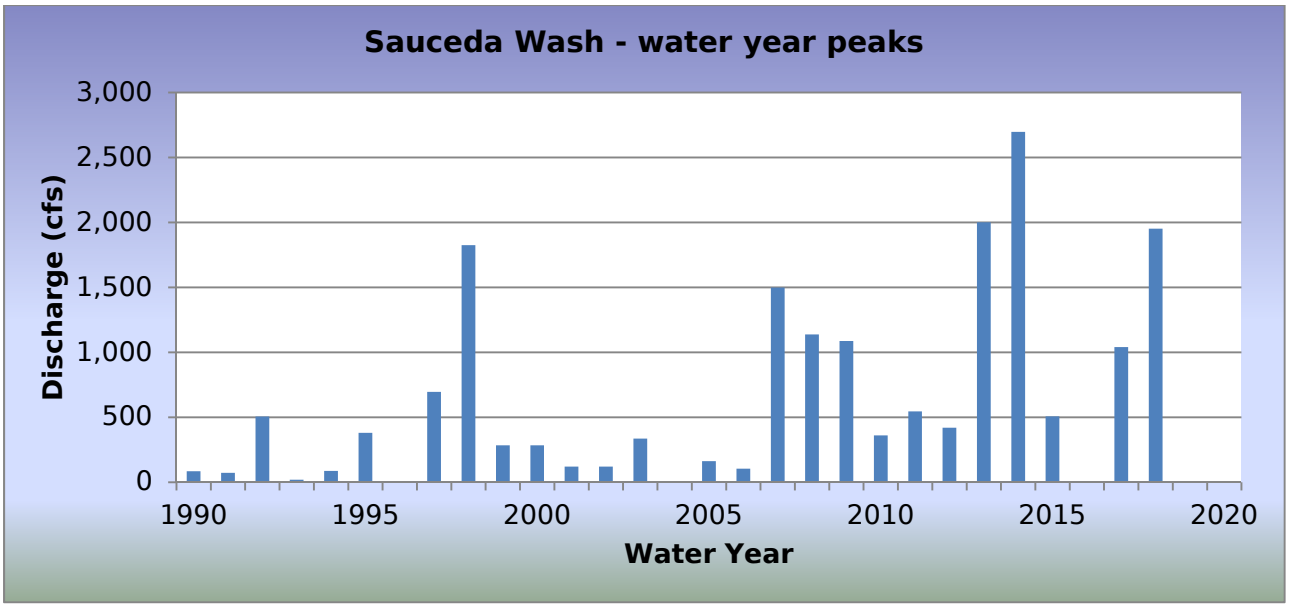


Site Data

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	28.59 Years | 10,442 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

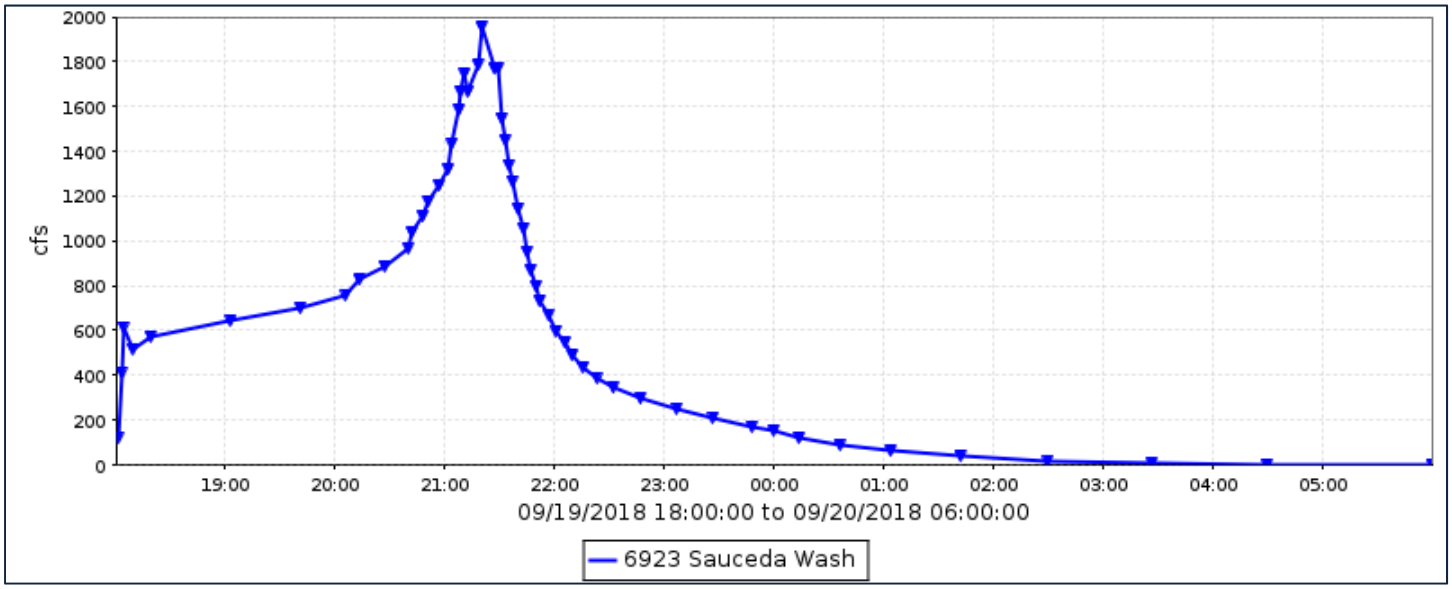




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
07/10/2018	1.88	151
08/23/2018	2.42	375
09/19/2018	4.82	1,952

Hydrograph of peak WY 2018 flow event, 09/19/2018



Flood Flow Frequency

Flood Flow Frequency N=46, HEC-WRC computation (based on 46 years of data)					
2-year	**5-year**	**10-year**	**20-year**	**50-year**	**100-year**
408	**1,230**	**2,100**	**3,210**	**5,070**	**6,790**

NOTE: These results are based on limited data.

Sauceda Wash, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10										12		
11												
12												
13												
14												
15												
16												
17												
18												
19												171
20												9
21												
22												
23											13	
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	0	0	0	0	0	0	12	13	180
MEAN	0	0	0	0	0	0	0	0	0	0	0	6
MAX	0	0	0	0	0	0	0	0	0	151	375	1952
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	0	0	0	23	26	356

WTR YR 2018 TOTAL 204 MEAN 1 MAX 1952 MIN 0 AC_FT 406

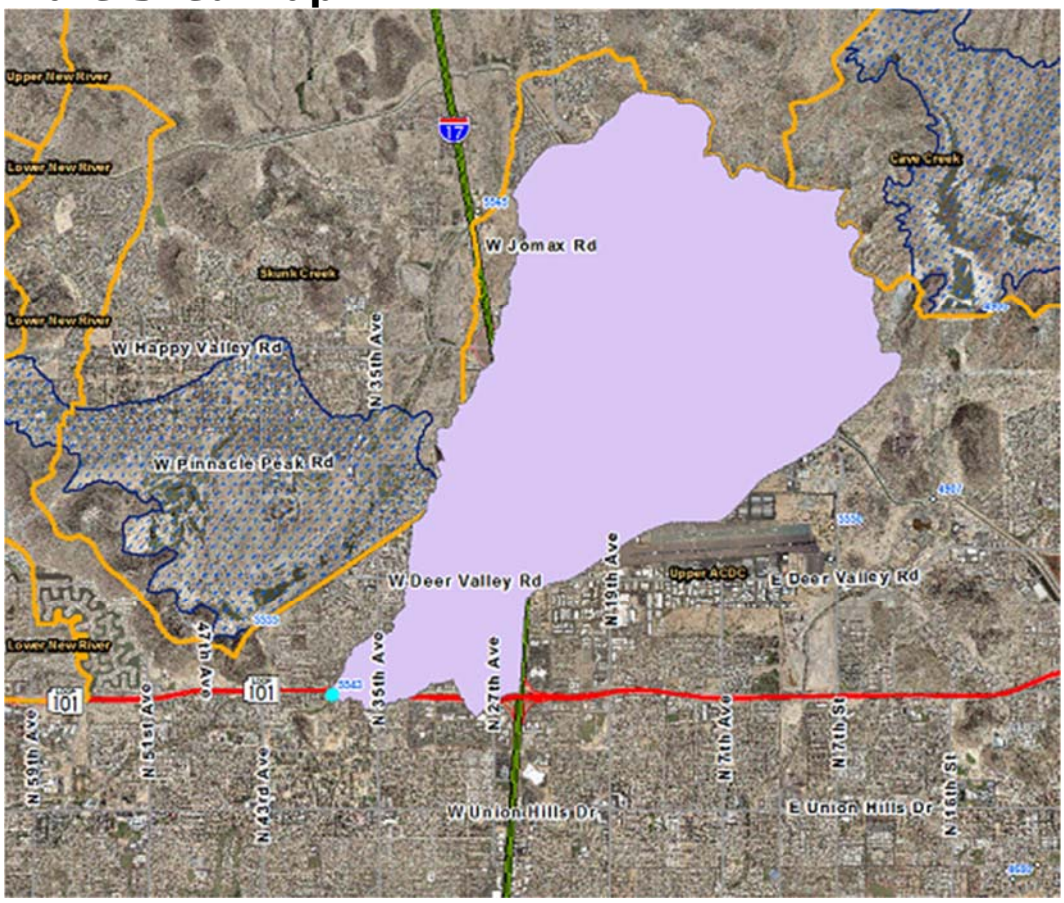
Scatter Wash, ID #5543

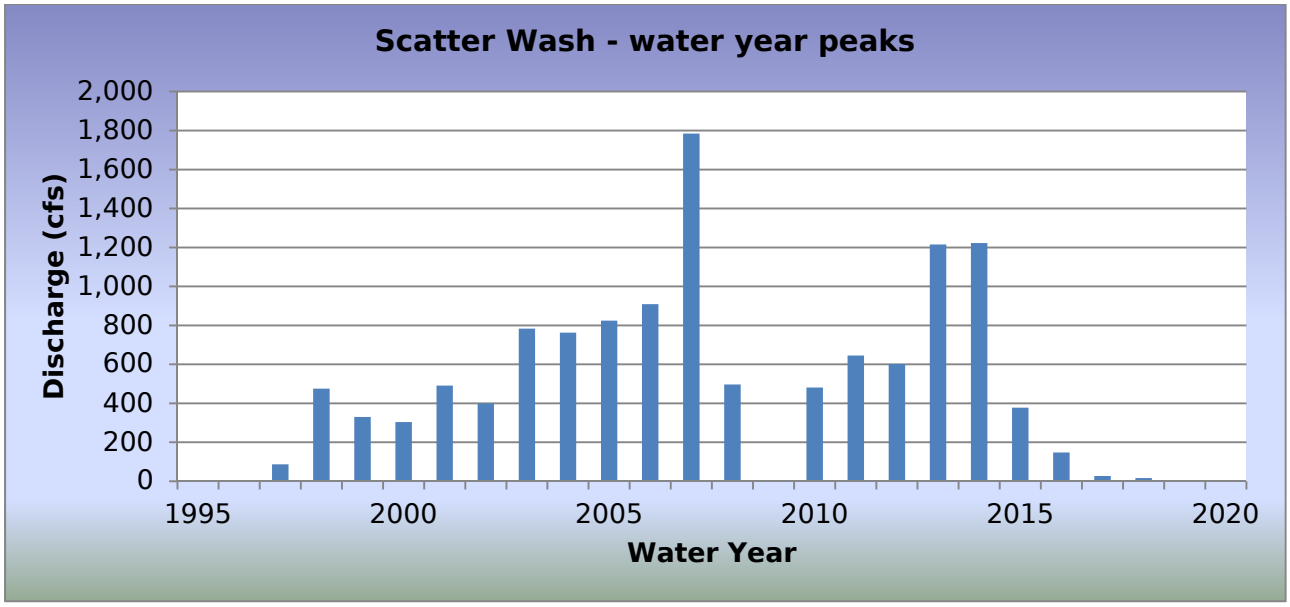


Site Data

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	22.03 Years | 8,048 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

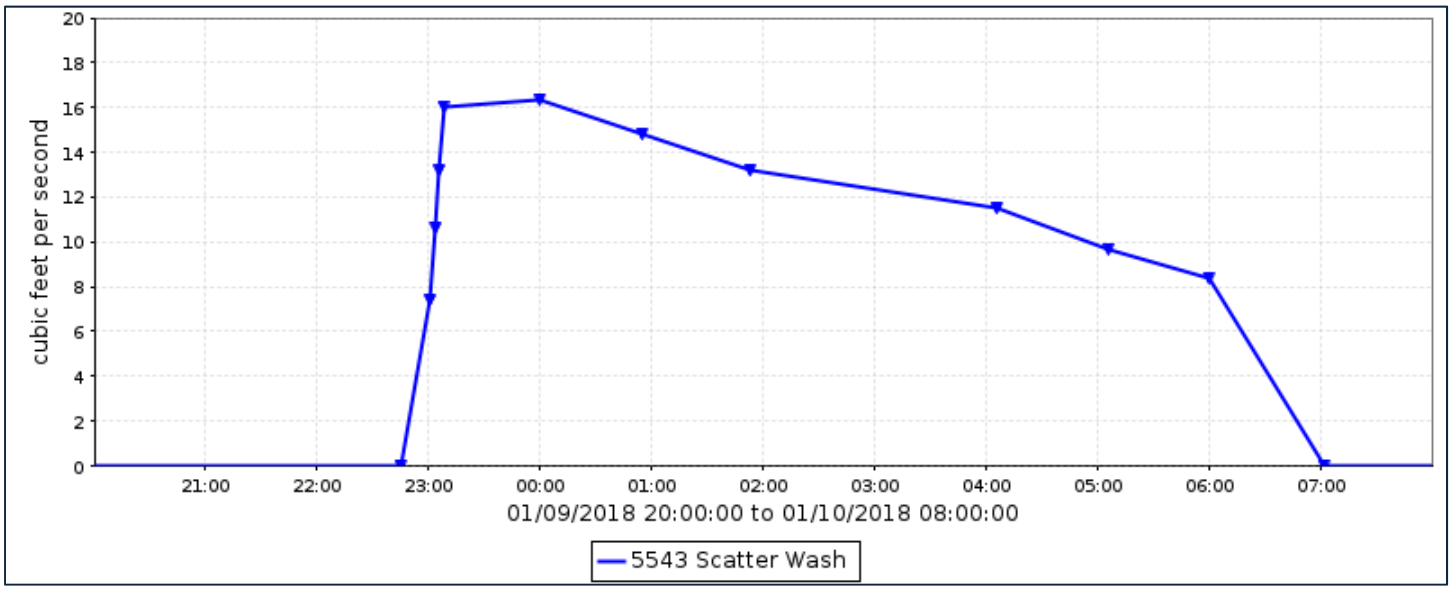




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
01/10/2018	0.79	16
07/09/2018	0.74	16
07/11/2018	0.67	14
07/30/2018	0.67	14

Hydrograph of peak WY 2018 flow event, 01/10/2018



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**
398	**1,070**	**1,670**	**2,330**	**3,270**	**4,010**

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 cub, Water Year October 2017 to September 2018

Daily Mean Values

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

WTR YR 2018 TOTAL 32 MEAN 0 MAX 16 MIN 0 AC_FT 64

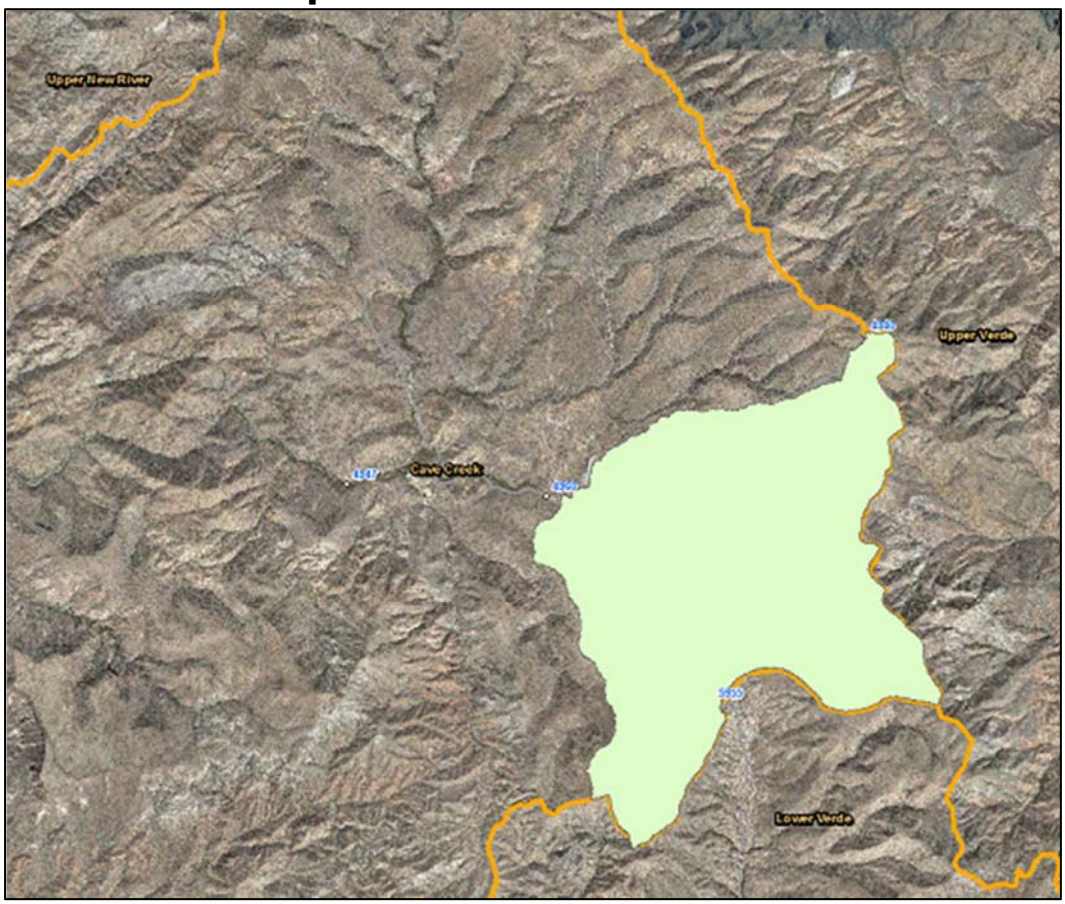
Seven Springs Wash, ID #4963

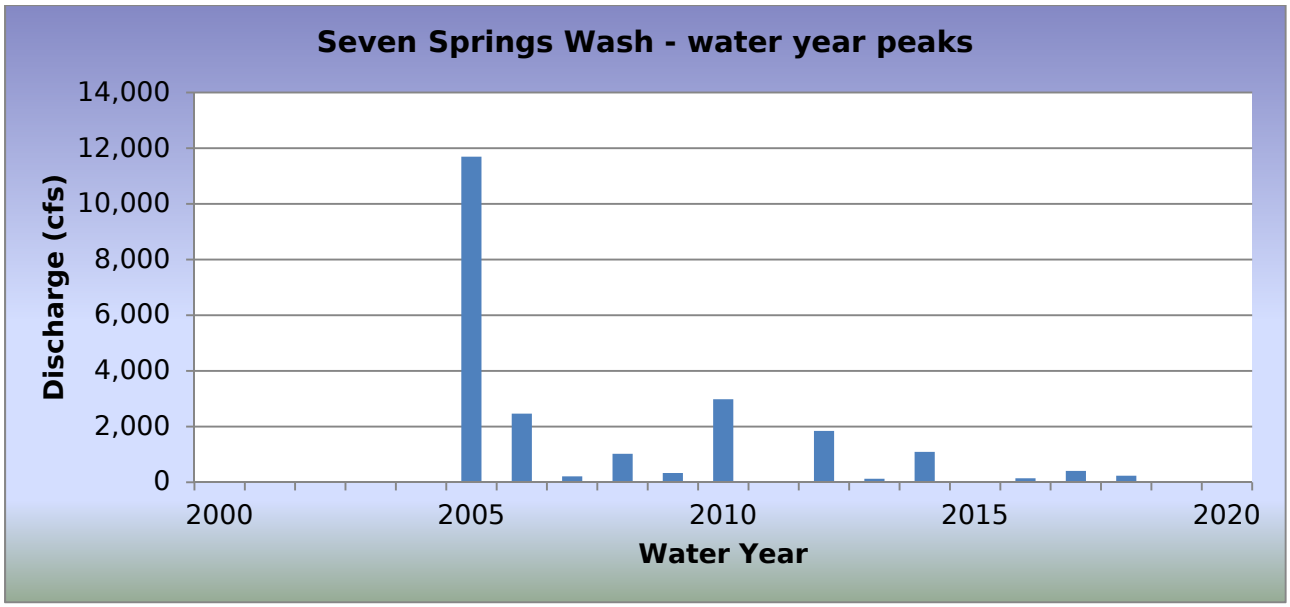


Site Data

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	16.56 Years | 6,047 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	3,481.67 feet NAVD 1988
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	11,700 cfs | 10.68 feet | 09/03/2005

Watershed Map

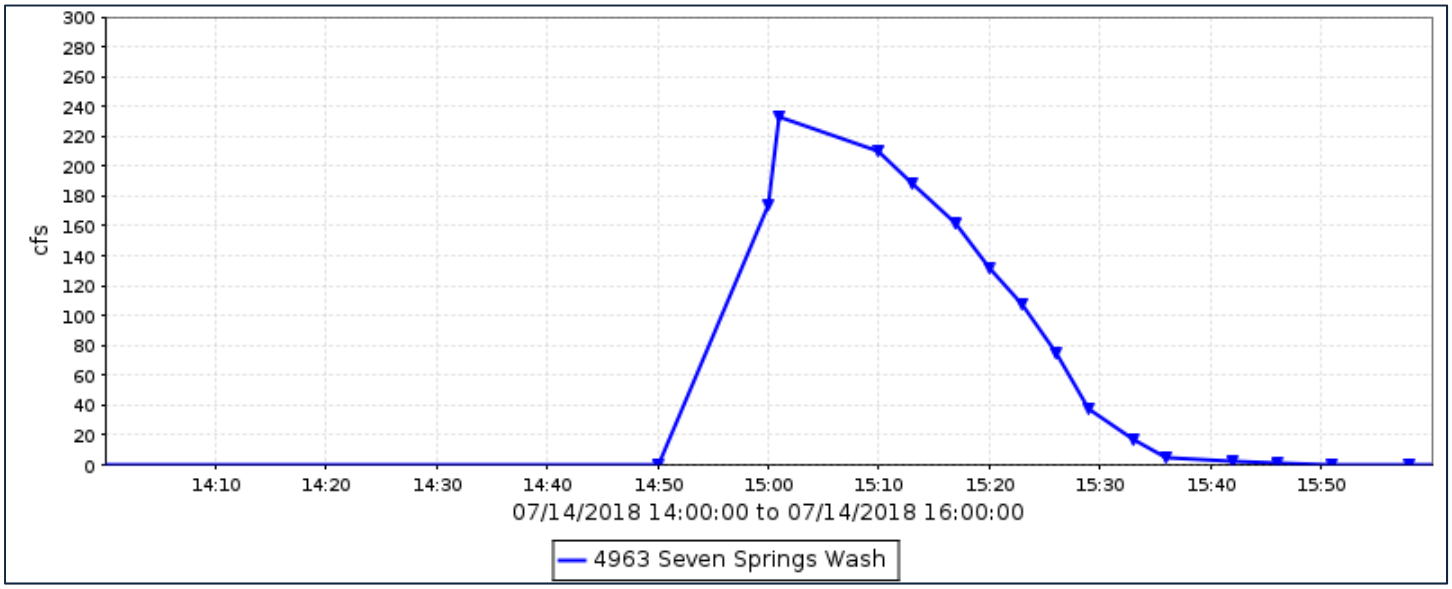




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
07/09/2018	2.15	84
07/14/2018	2.99	233

Hydrograph of peak WY 2018 flow event, 07/14/2018



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**
268	**1,480**	**3,570**	**7,290**	**16,200**	**27,300**

NOTE: These results are based on very limited data.

Seven Springs Wash, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9										1		
10												
11												
12												
13												
14										4		
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	0	0	0	0	0	0	5	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	0	0	0	0	0	0	233	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	9	0	0

WTR YR 2018 TOTAL 5 MEAN 0 MAX 233 MIN 0 AC_FT 9

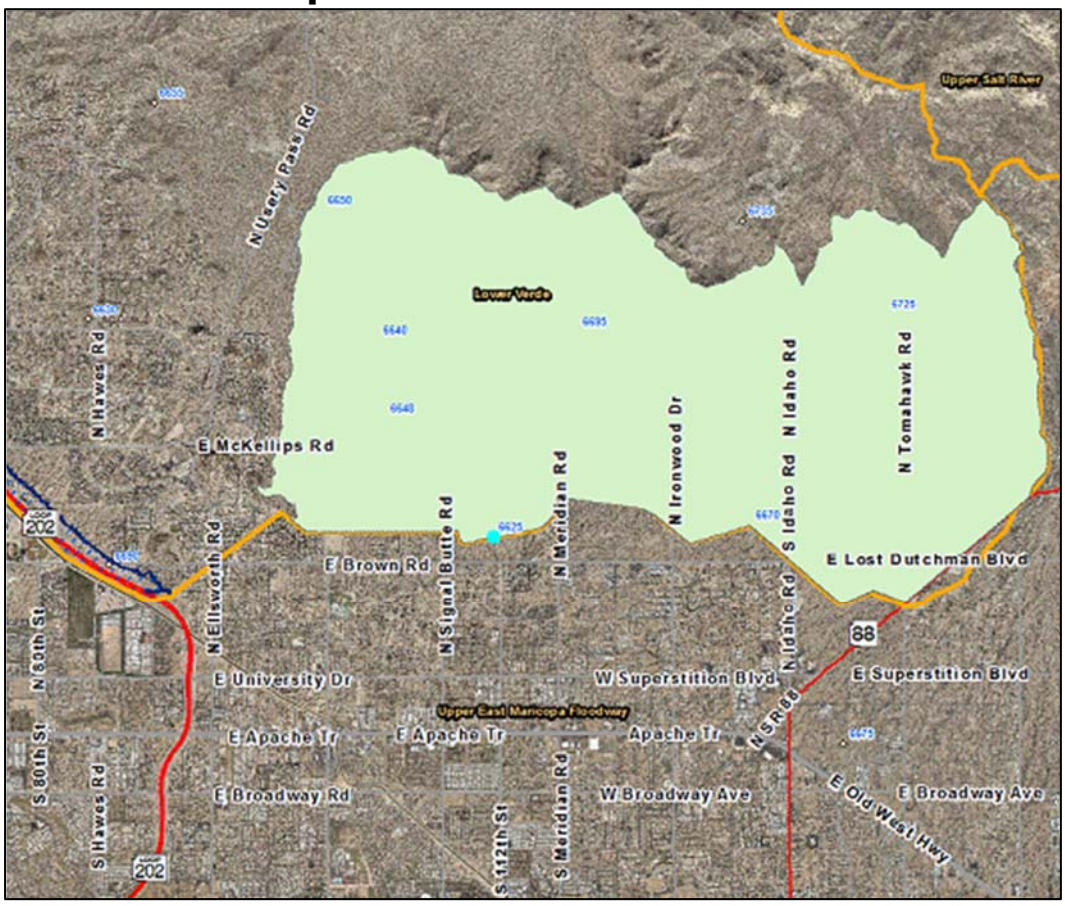
Signal Butte FRS, ID #6628

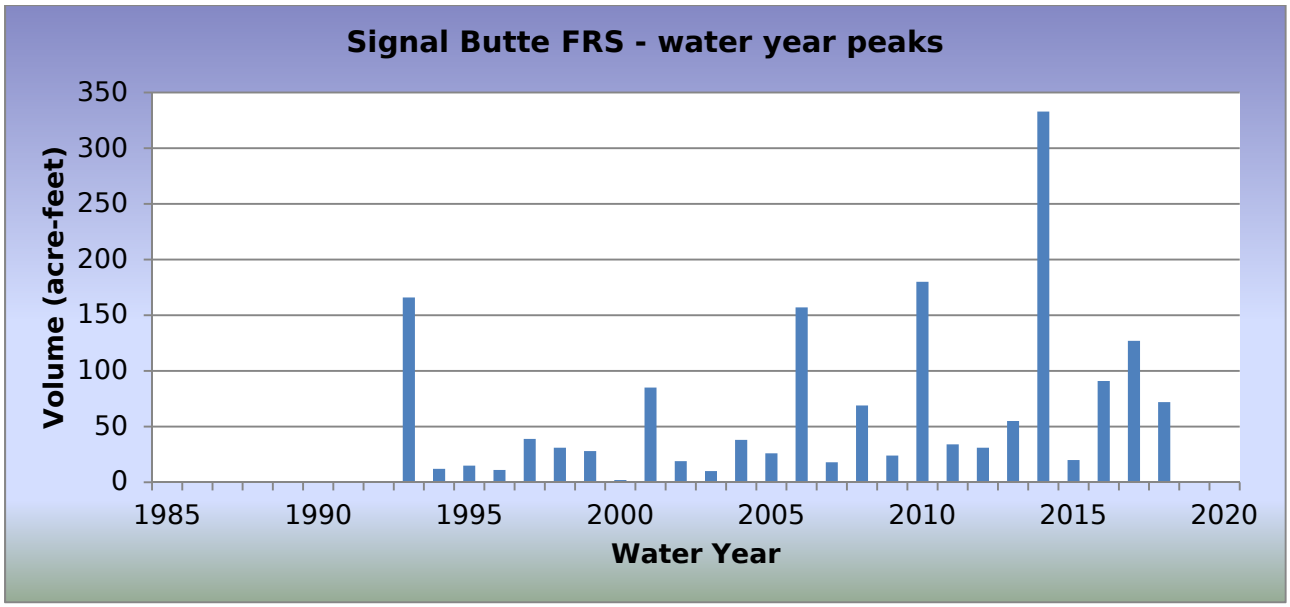


Site Data

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	30.89 Years | 11,283 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

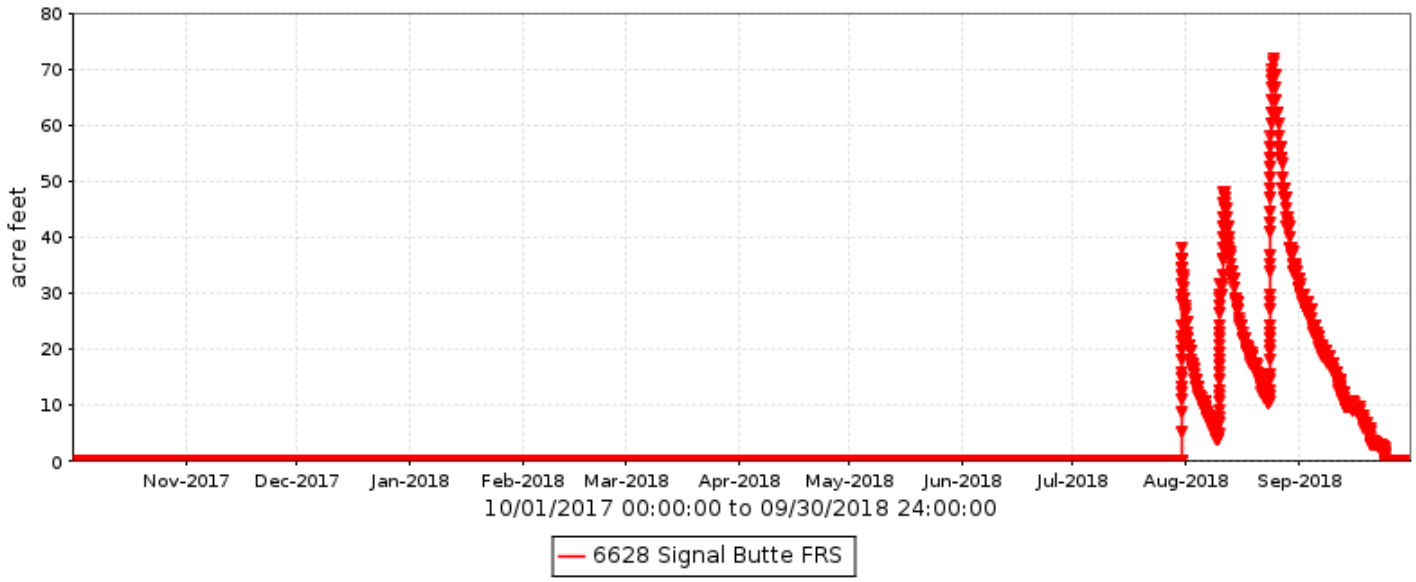




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
07/30/2018	5.56	38.0	2.4
08/11/2018	6.10	48.0	2.9
08/25/2018	7.27	72.0	4.4

Hydrograph of peak WY 2018 impoundment event, 08/25/2018



Signal Butte FRS, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
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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 2018 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

Signal Butte FRS, volume data

Volume, in acre feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1											23	31
2											18	29
3											15	27
4											12	25
5											11	23
6											9	21
7											7	19
8											6	19
9											5	18
10											29	16
11											46	15
12											41	12
13											34	11
14											30	10
15											26	10
16											23	9
17											21	9
18											19	7
19											18	6
20											16	4
21											14	3
22											12	3
23											15	3
24											65	1
25											66	
26											57	
27											50	
28											45	
29					---						39	
30					---					6	36	
31		---			---		---		---	30	33	---
MEAN	0	0	0	0	0	0	0	0	0	1	27	11
MAX	0	0	0	0	0	0	0	0	0	38	72	32
MIN	0	0	0	0	0	0	0	0	0	0	4	0

WTR YR 2018 MEAN 3 MAX 72 MIN 0

Signal Butte FRS, stage data

Depth, in feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	4.5	5.1
2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	4.1	4.9
3	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	3.8	4.8
4	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	3.5	4.7
5	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	3.4	4.5
6	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	3.1	4.3
7	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	2.9	4.2
8	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	2.8	4.1
9	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	2.6	4.0
10	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	4.9	3.9
11	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	6.0	3.7
12	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	5.7	3.5
13	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	5.3	3.4
14	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	5.0	3.3
15	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	4.7	3.2
16	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	4.5	3.2
17	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	4.3	3.1
18	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	4.1	2.9
19	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	4.0	2.8
20	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	3.8	2.5
21	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	3.7	2.3
22	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	3.5	2.2
23	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	3.7	2.1
24	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	7.0	0.6
25	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	7.0	-0.1
26	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	6.6	-0.1
27	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	6.2	-0.1
28	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	5.9	-0.2
29	-0.2	-0.2	-0.2	-0.2	---	-0.2	-0.2	-0.2	-0.2	-0.2	5.6	-0.2
30	-0.2	-0.2	-0.2	-0.2	---	-0.2	-0.2	-0.2	-0.2	0.7	5.4	-0.2
31	-0.2	---	-0.2	-0.2	---	-0.2	---	-0.2	---	5.0	5.2	---
MEAN	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.1	4.6	2.7
MAX	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	5.6	7.3	5.1
MIN	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	2.4	-0.2

WTR YR 2018 MEAN 0.42 MAX 7.27 MIN -0.25

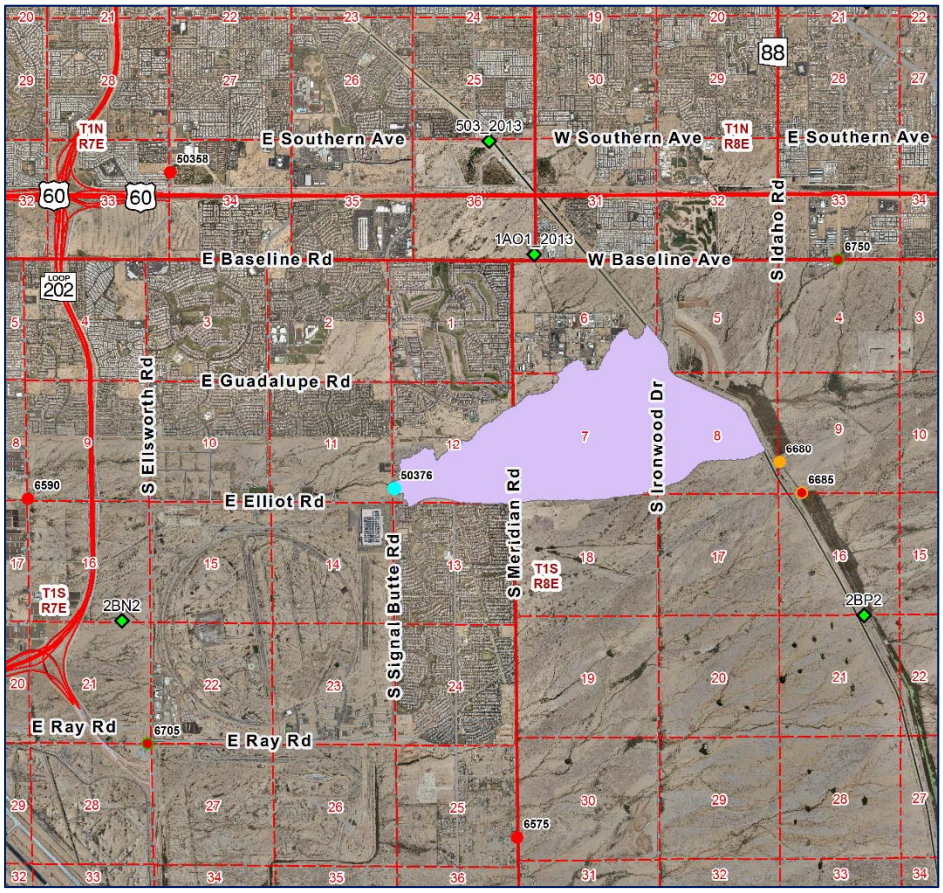
Siphon Draw Wash at Signal Butte Road, ID #37607

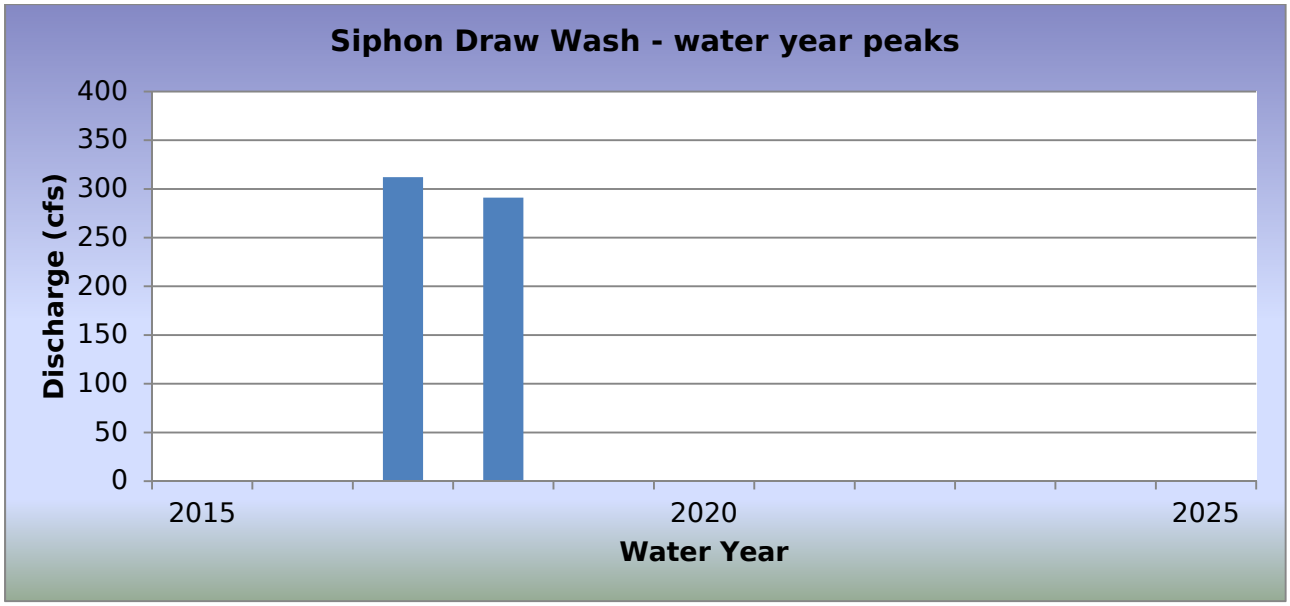


Site Data

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	1.77 Years | 648 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

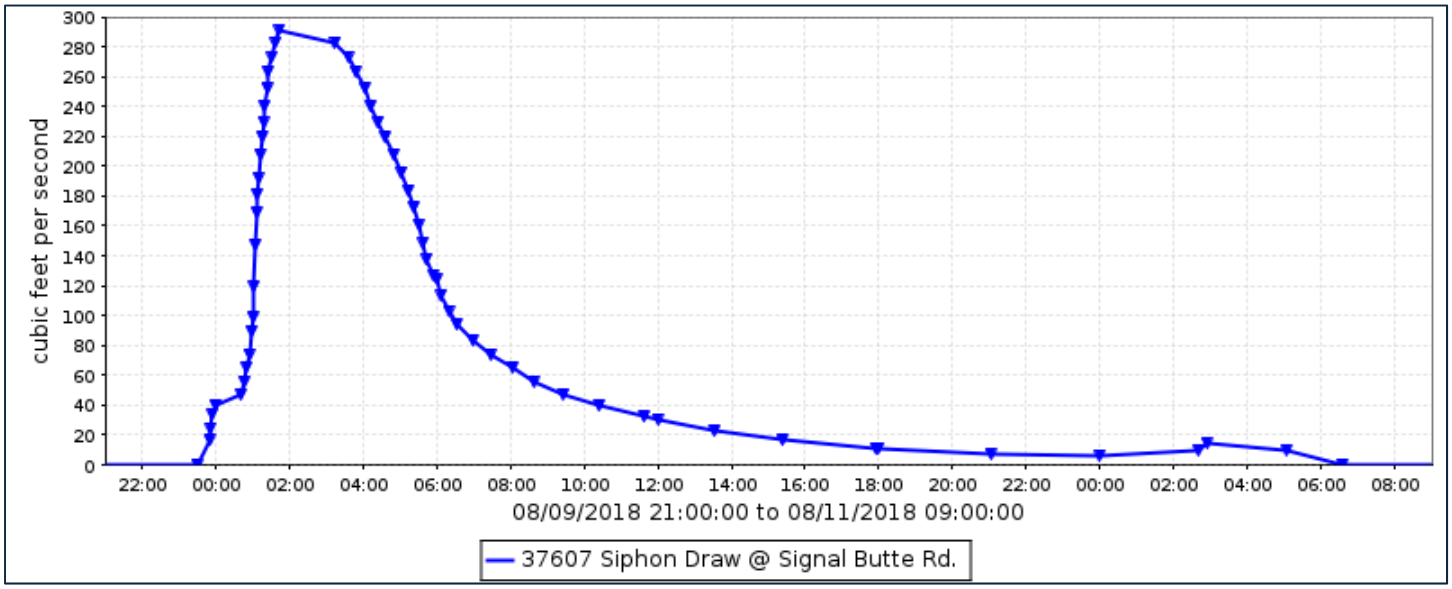




WY2018 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
08/10/2018	3.80	291
08/24/2018	1.62	67

Hydrograph of peak WY 2018 flow event, 08/10/2018



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 cub, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10											76	
11											3	
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23											3	
24											15	
25											9	
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	0	0	0	0	0	0	0	105	0
MEAN	0	0	0	0	0	0	0	0	0	0	3	0
MAX	0	0	0	0	0	0	0	0	0	0	291	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	209	0

WTR YR 2018 TOTAL 105 MEAN 0 MAX 291 MIN 0 AC_FT 209

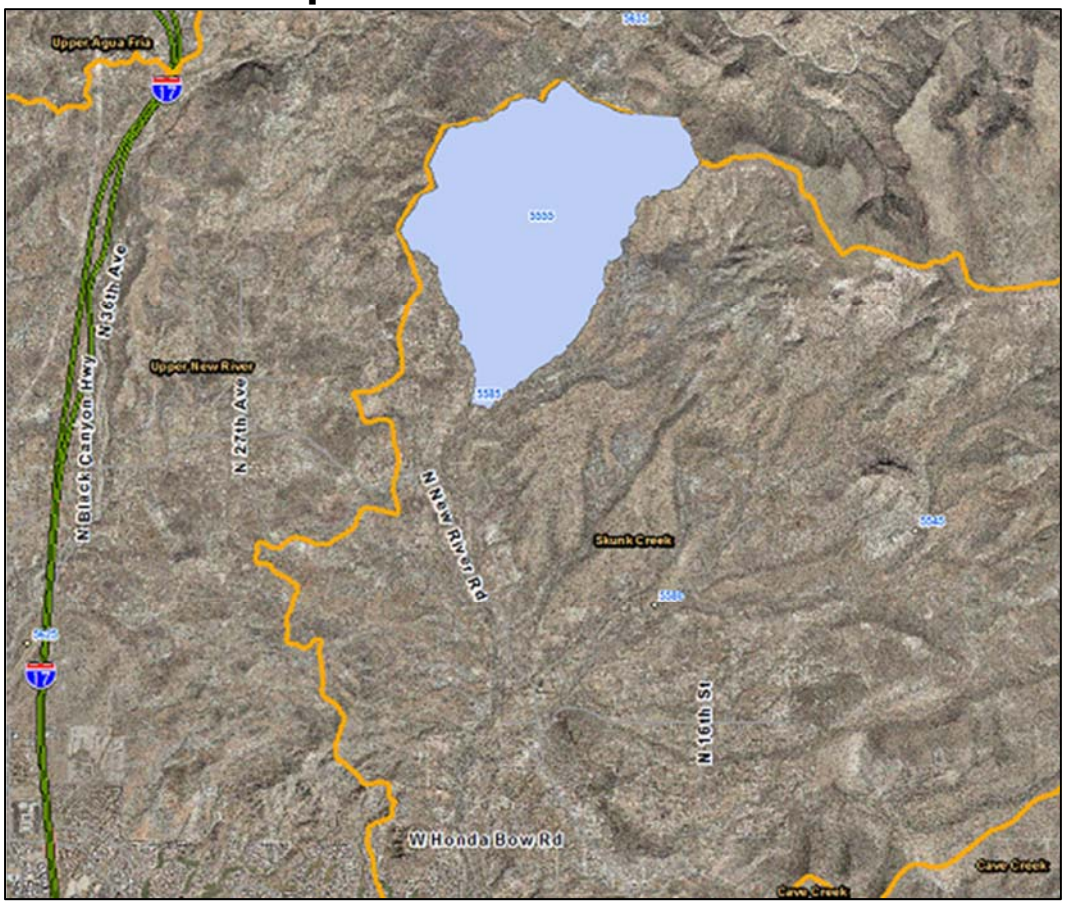
Skunk Creek near New River, ID #5588

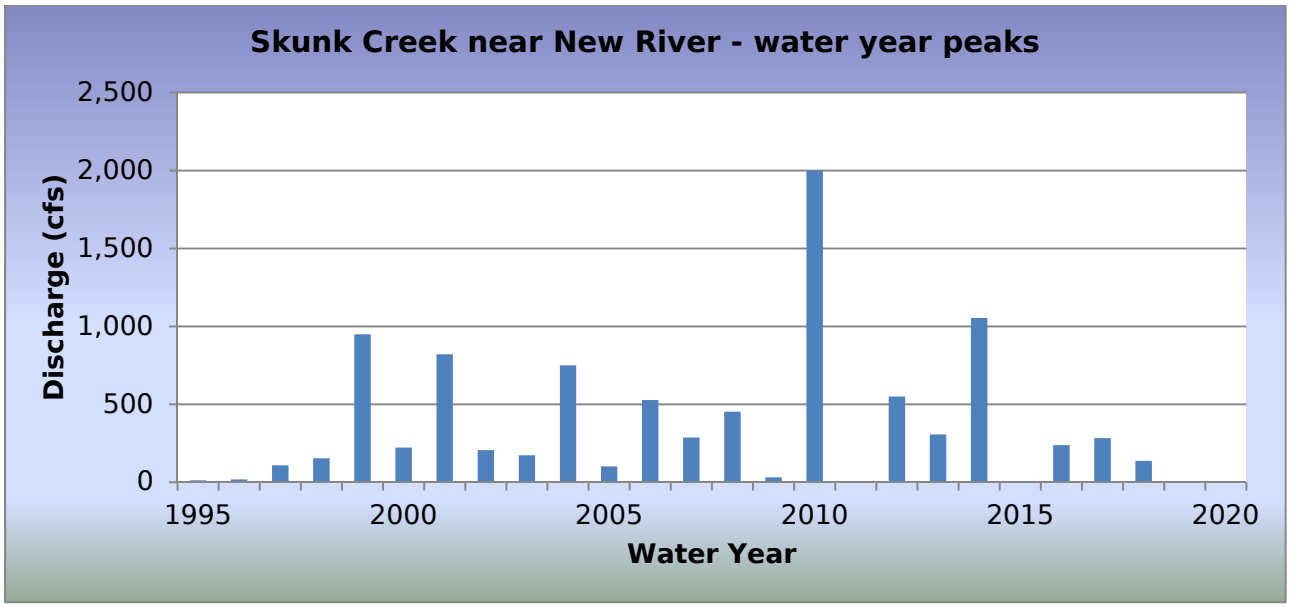


Site Data

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	23.28 Years | 8,503 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

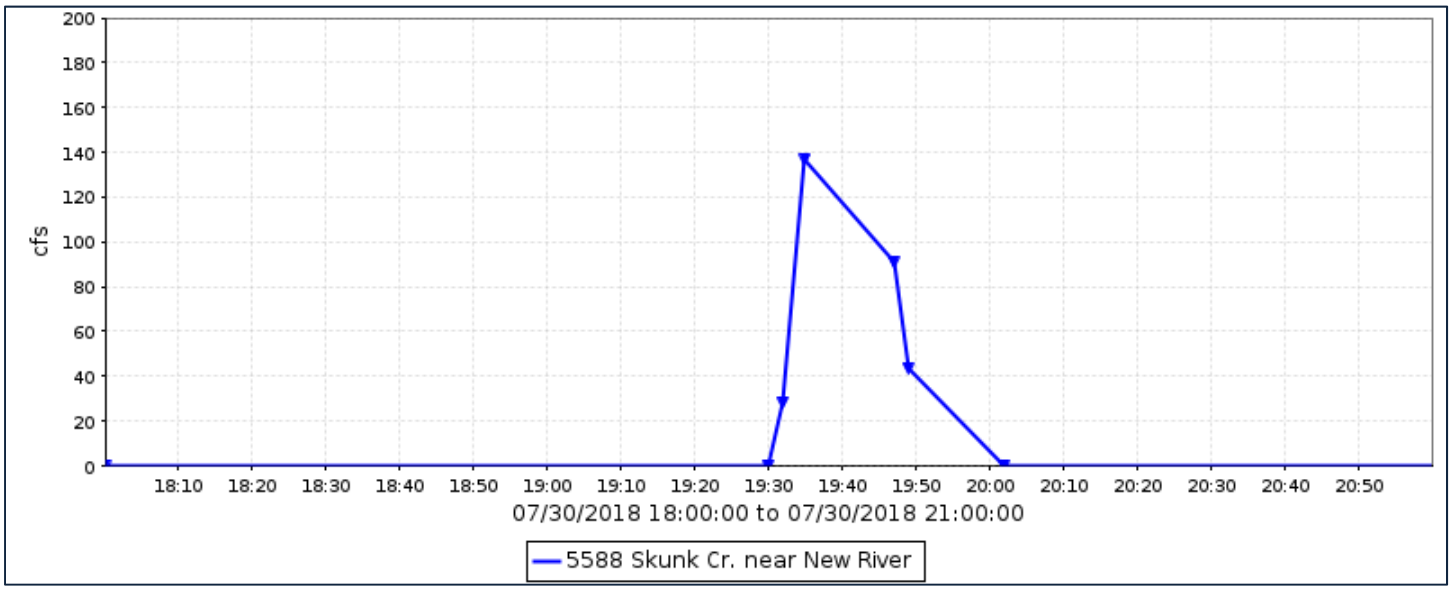




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
07/30/2018	1.61	137

Hydrograph of peak WY 2018 flow event, 07/30/2018



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**
205	**685**	**1,200**	**1,830**	**2,850**	**3,750**

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 2017 to September 2018

Daily Mean Values

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

WTR YR 2018 TOTAL 3 MEAN 0 MAX 137 MIN 0 AC_FT 5

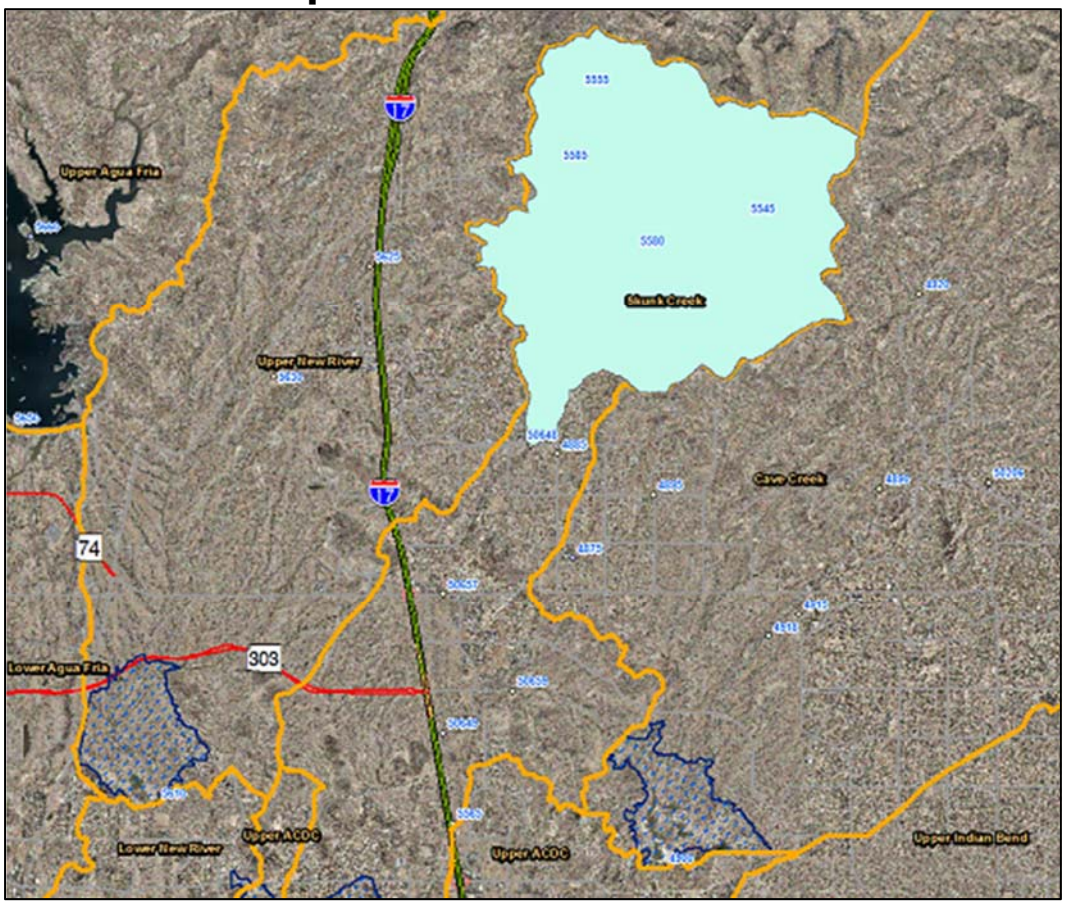
Skunk Creek at Desert Hills Drive, ID #64807

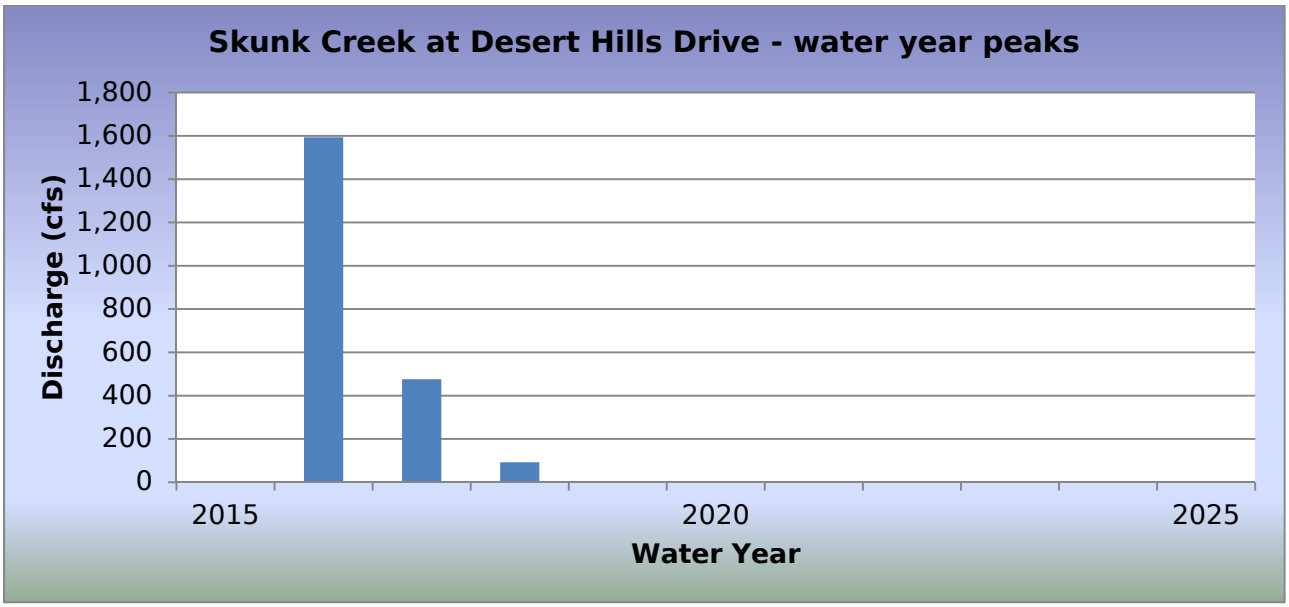


Site Data

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	3.19 Years | 1,166 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

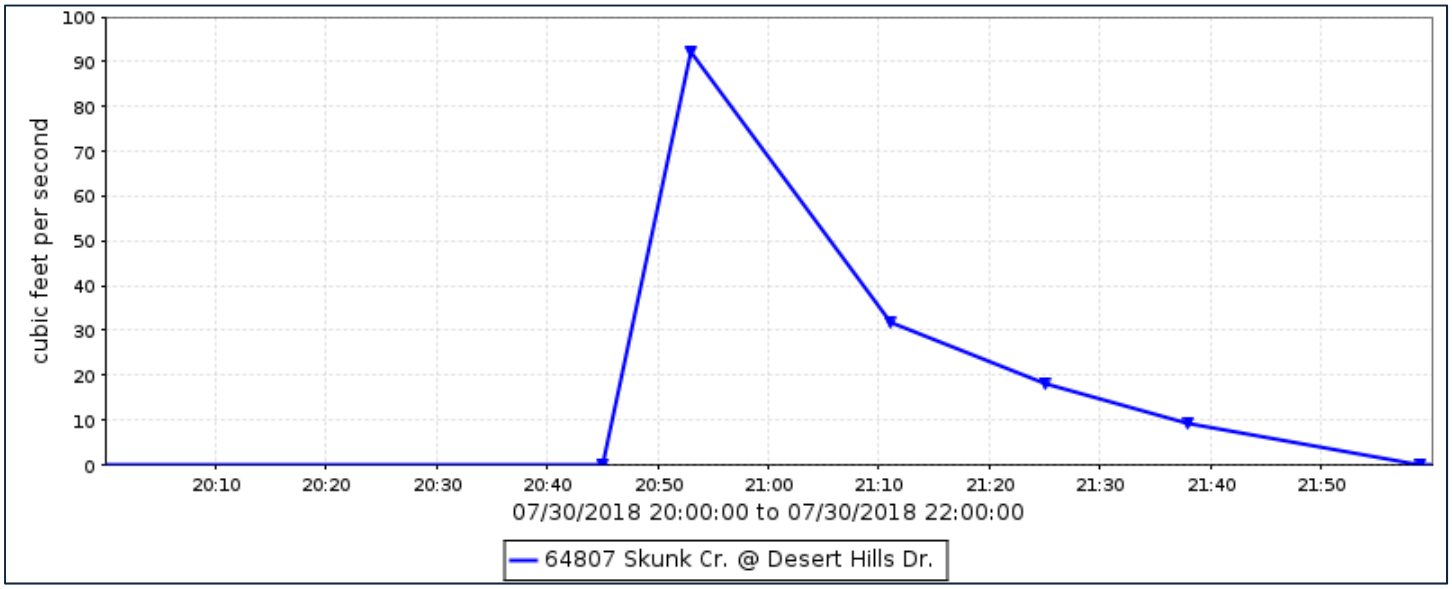




WY2018 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
07/14/2018	1.44	29
07/30/2018	1.72	92

Hydrograph of peak WY 2018 flow event, 07/30/2018



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 cub, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14										1		
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24												
25												
26												
27												
28												
29					---							
30					---					2		
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	92	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	6	0	0

WTR YR 2018 TOTAL 3 MEAN 0 MAX 92 MIN 0 AC_FT 6

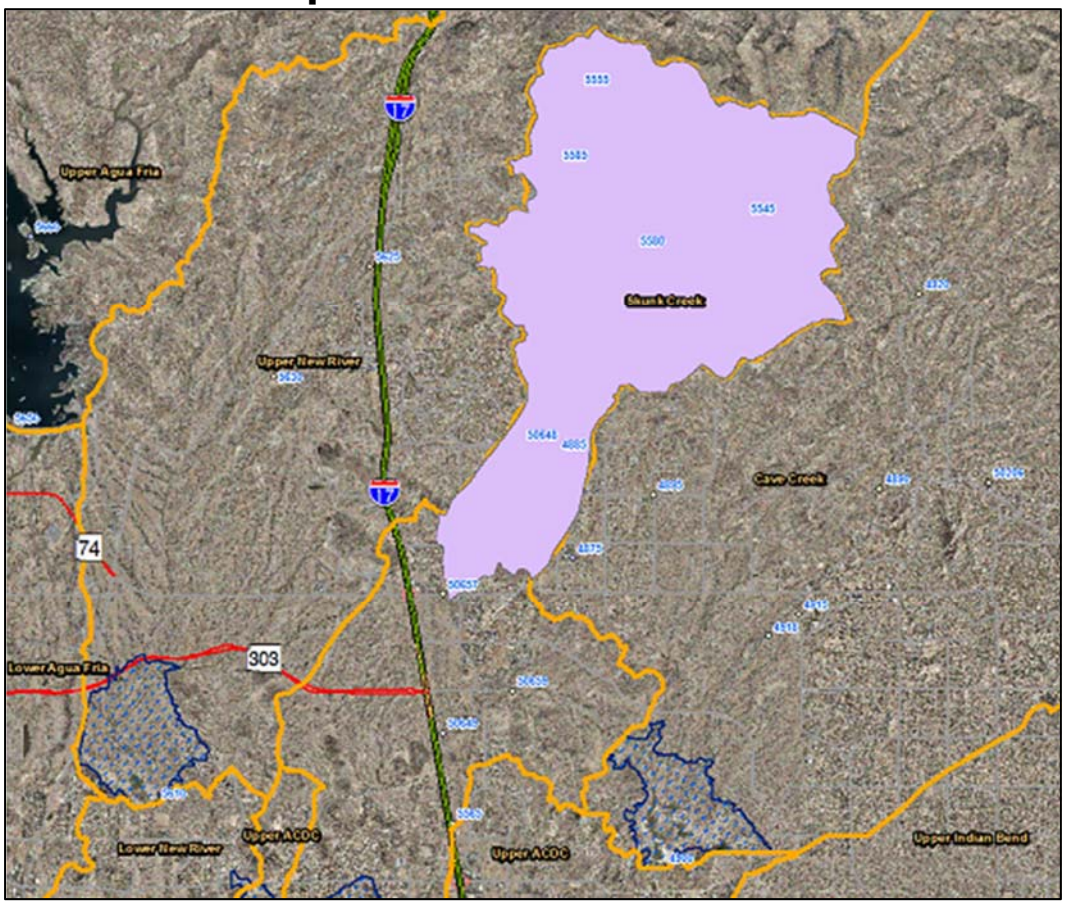
Skunk Creek at Carefree Highway, ID #65707

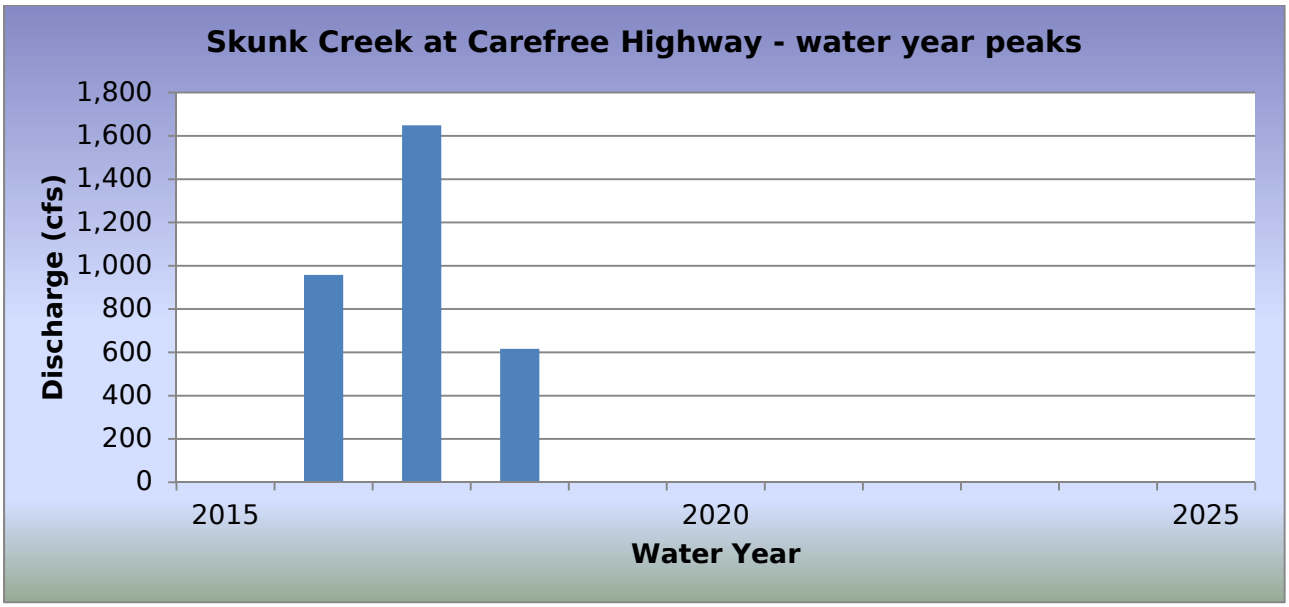


Site Data

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	3.12 Years | 1,139 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

Watershed Map

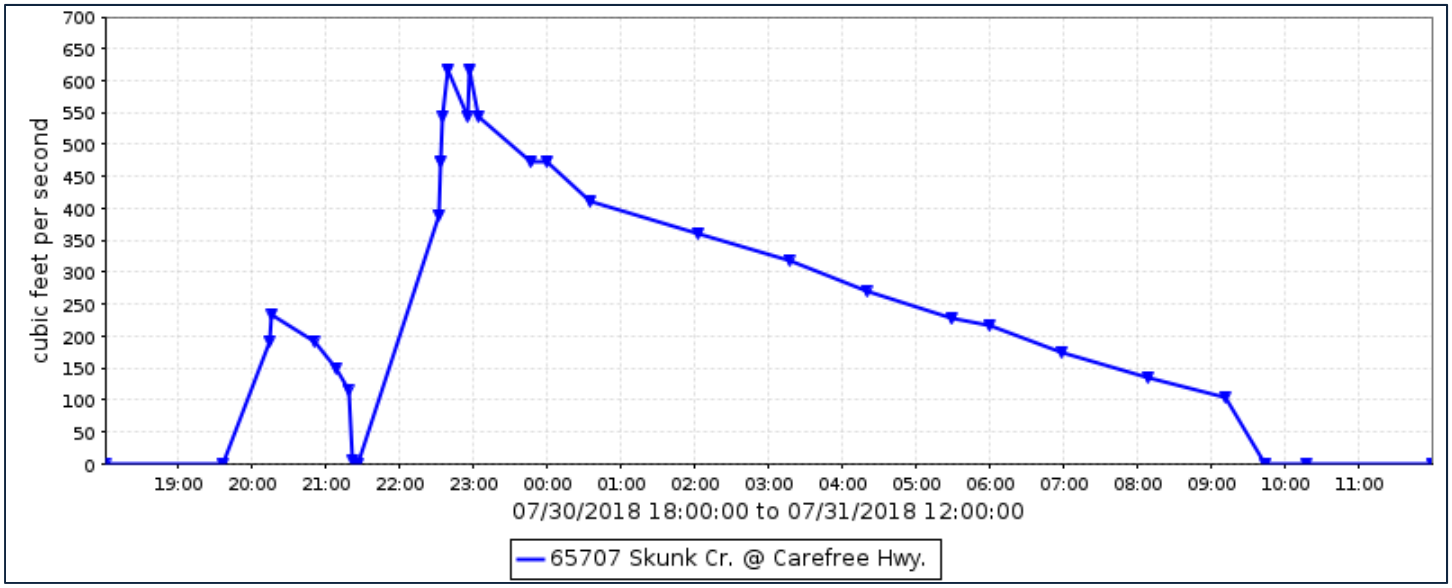




WY2018 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
07/14/2018	2.98	586
07/30/2018 (20:16)	2.18	234
07/30/2018 (22:39)	3.03	616
08/15/2018	2.36	303

Hydrograph of peak WY 2018 flow event, 07/30/2018



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 cub, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
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13												
14										109		
15										18	62	
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28												
29					---							
30					---					43		
31		---			---		---		---	113		---
TOTAL	0	0	0	0	0	0	0	0	0	283	62	0
MEAN	0	0	0	0	0	0	0	0	0	9	2	0
MAX	0	0	0	0	0	0	0	0	0	616	303	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	561	124	0

WTR YR 2018 TOTAL 345 MEAN 1 MAX 616 MIN 0 AC_FT 684

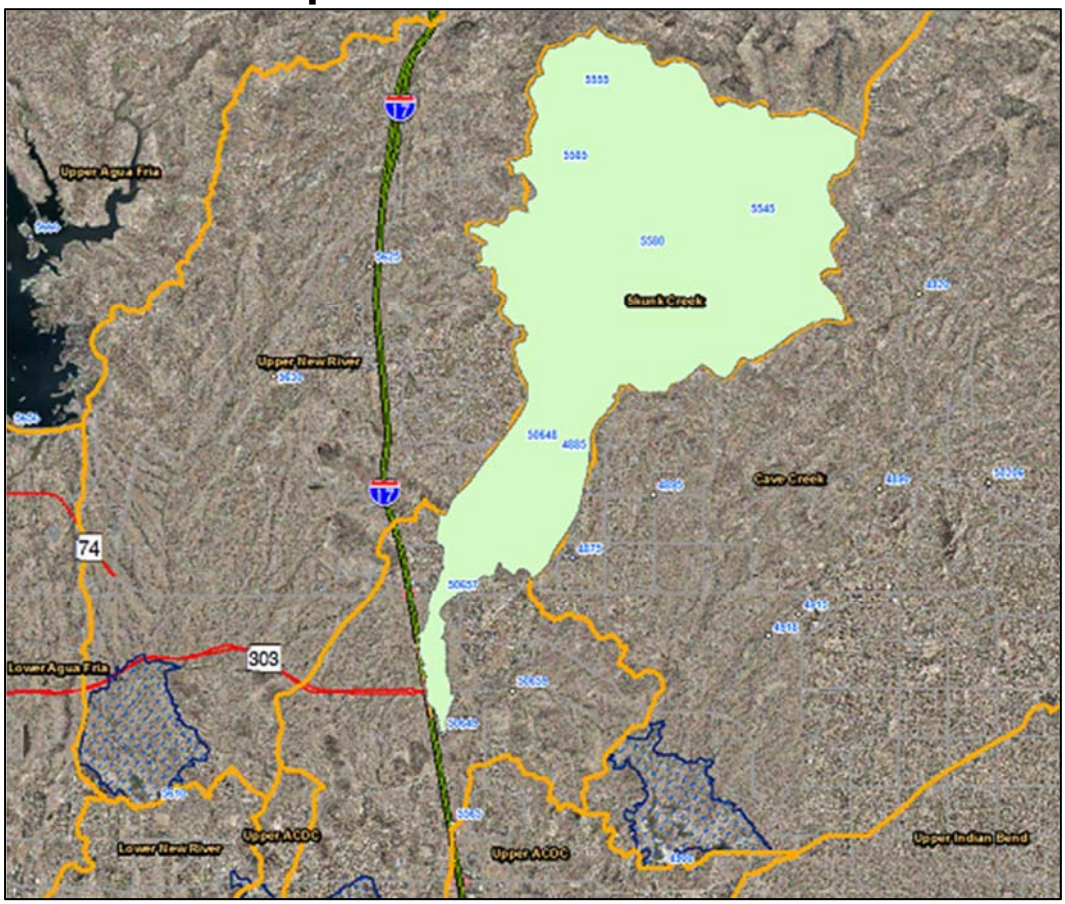
Skunk Creek at Dixileta Drive, ID #64907

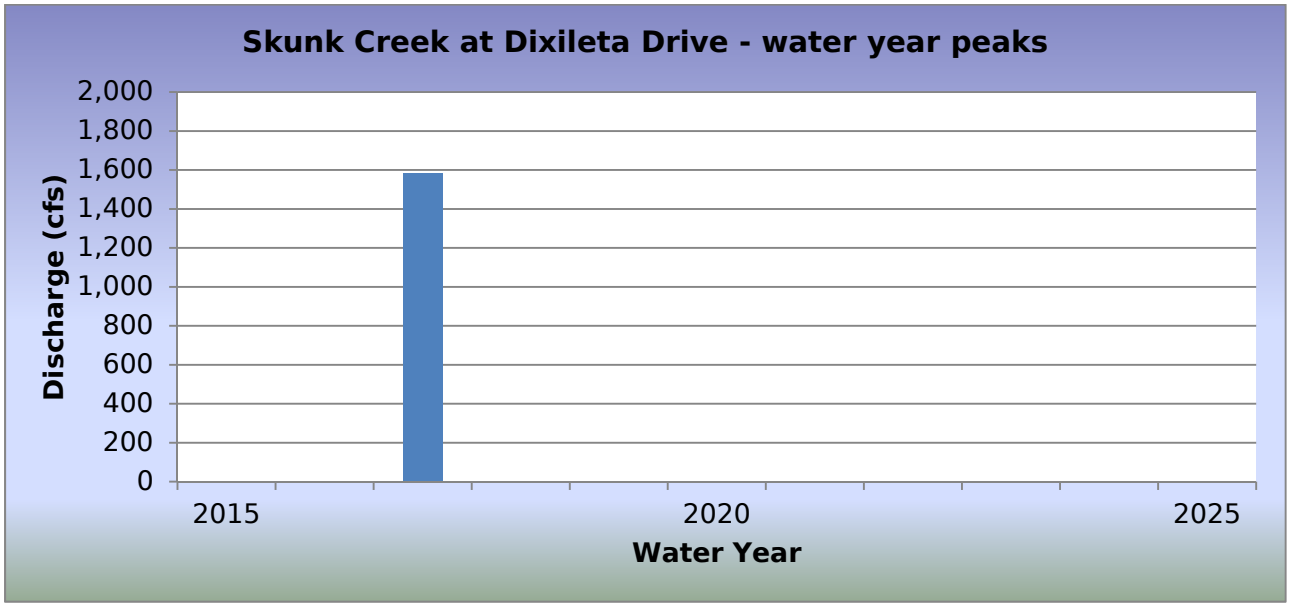


Site Data

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	2.72 Years | 994 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





WY2018 Events

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

Hydrograph of peak WY 2018 flow event,

No recorded runoff during Water Year 2018.

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 cub, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
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25												
26												
27											156	
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	0	0	0	0	0	0	0	156	0
MEAN	0	0	0	0	0	0	0	0	0	0	5	0
MAX	0	0	0	0	0	0	0	0	0	0	622	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	309	0

WTR YR 2018 TOTAL 156 MEAN 0 MAX 622 MIN 0 AC_FT 309

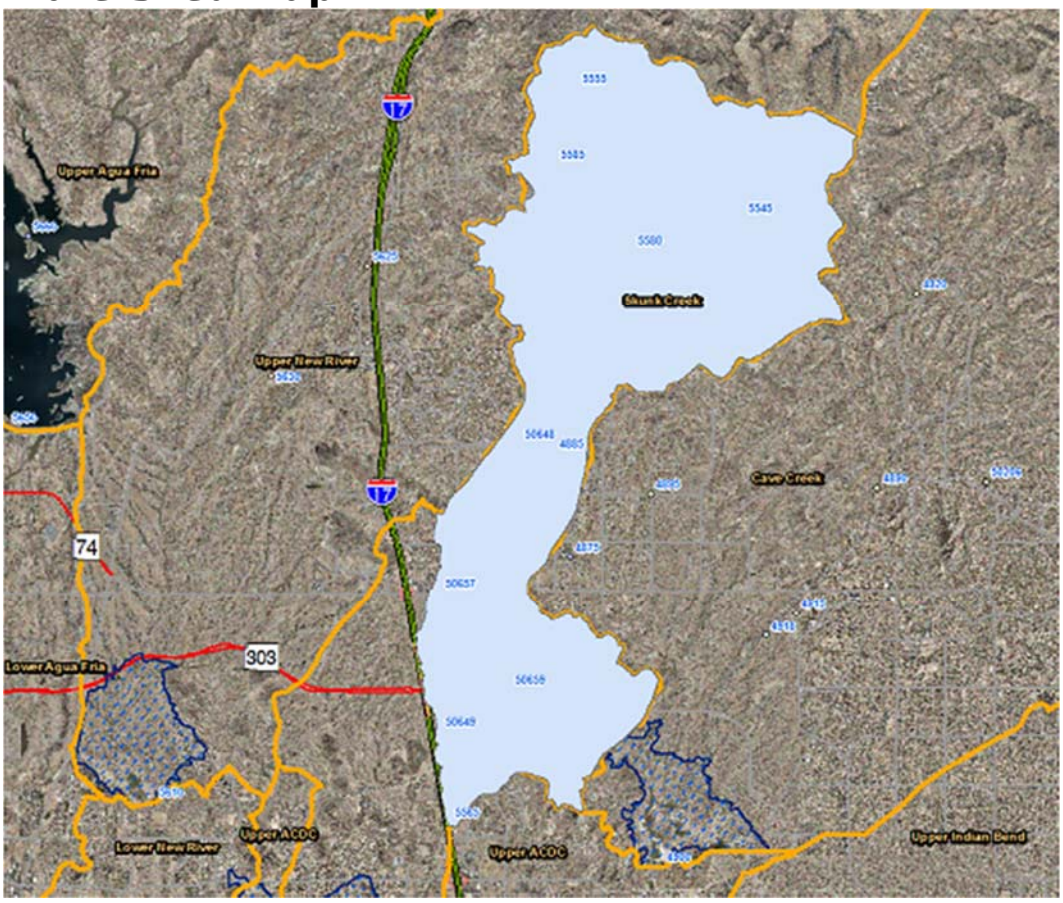
Skunk Creek at I-17, ID #5568

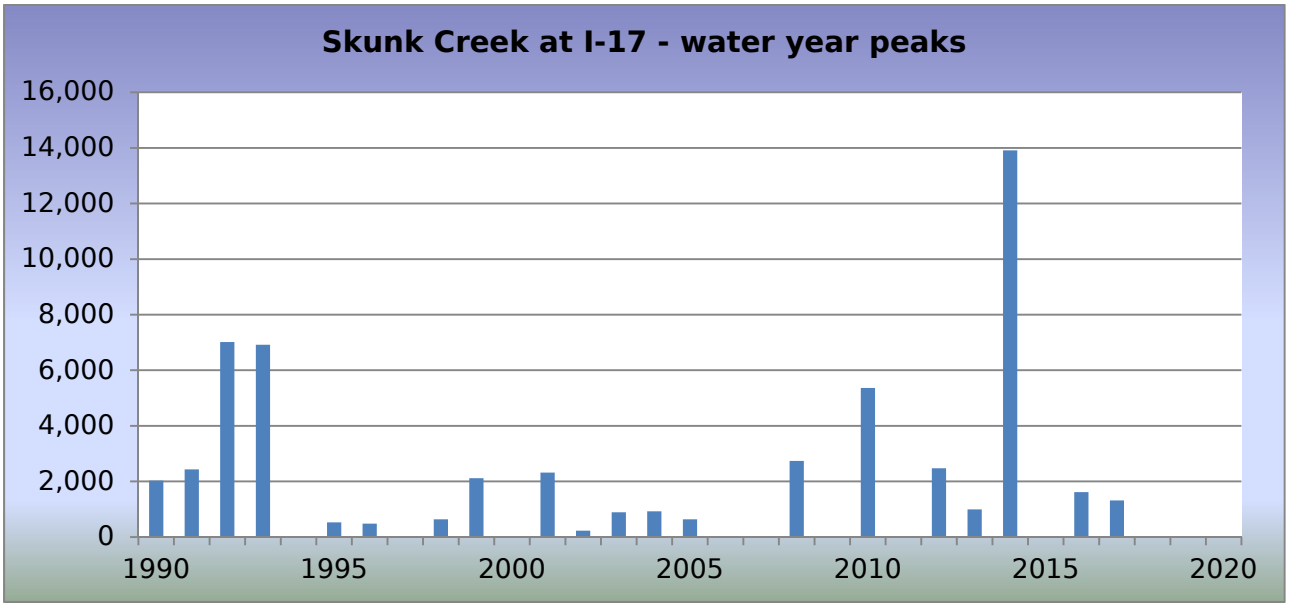


Site Data

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	28.14 Years | 10,278 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	1,473.97 feet NAVD88
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

Watershed Map





WY2018 Events

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

Hydrograph of peak WY 2018 flow event,

No recorded runoff during Water Year 2018.

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**
843	**3,610**	**6,990**	**11,500**	**19,100**	**26,100**

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

Skunk Creek at I-17, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

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

WTR YR 2018 TOTAL 3 MEAN 0 MAX 7 MIN 0 AC_FT 6

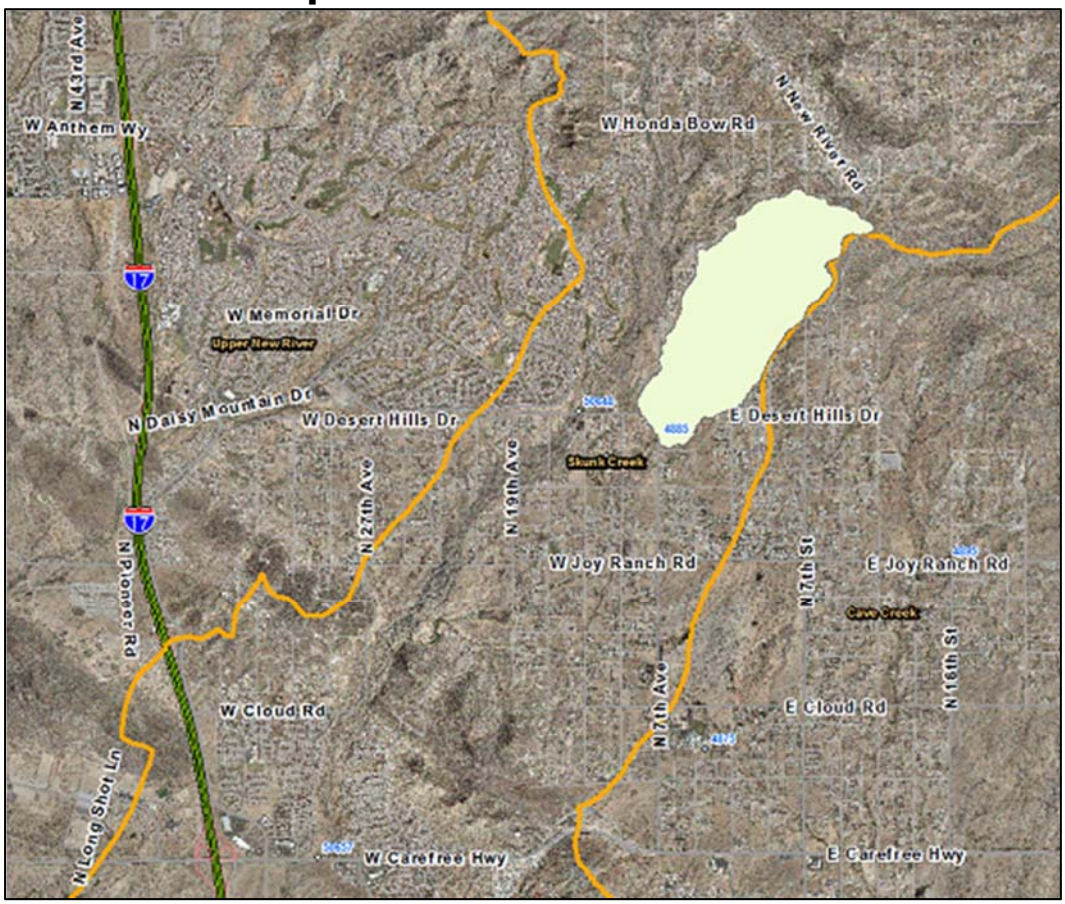
Skunk Tank Wash, ID #4888

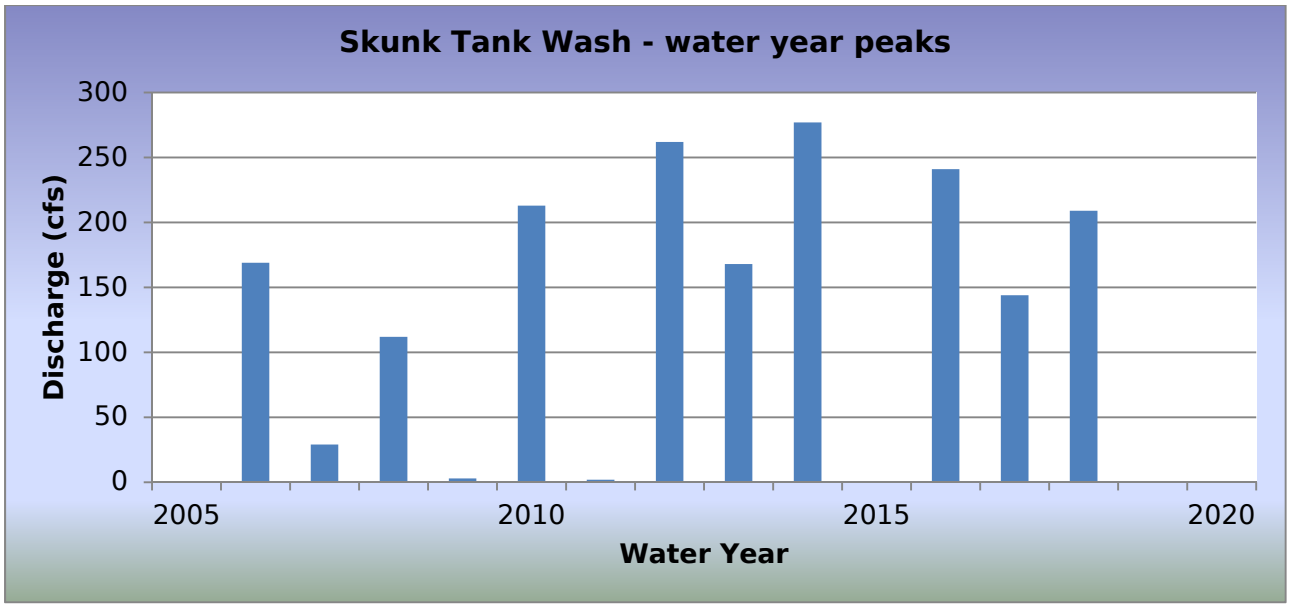


Site Data

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	12.58 Years | 4,596 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

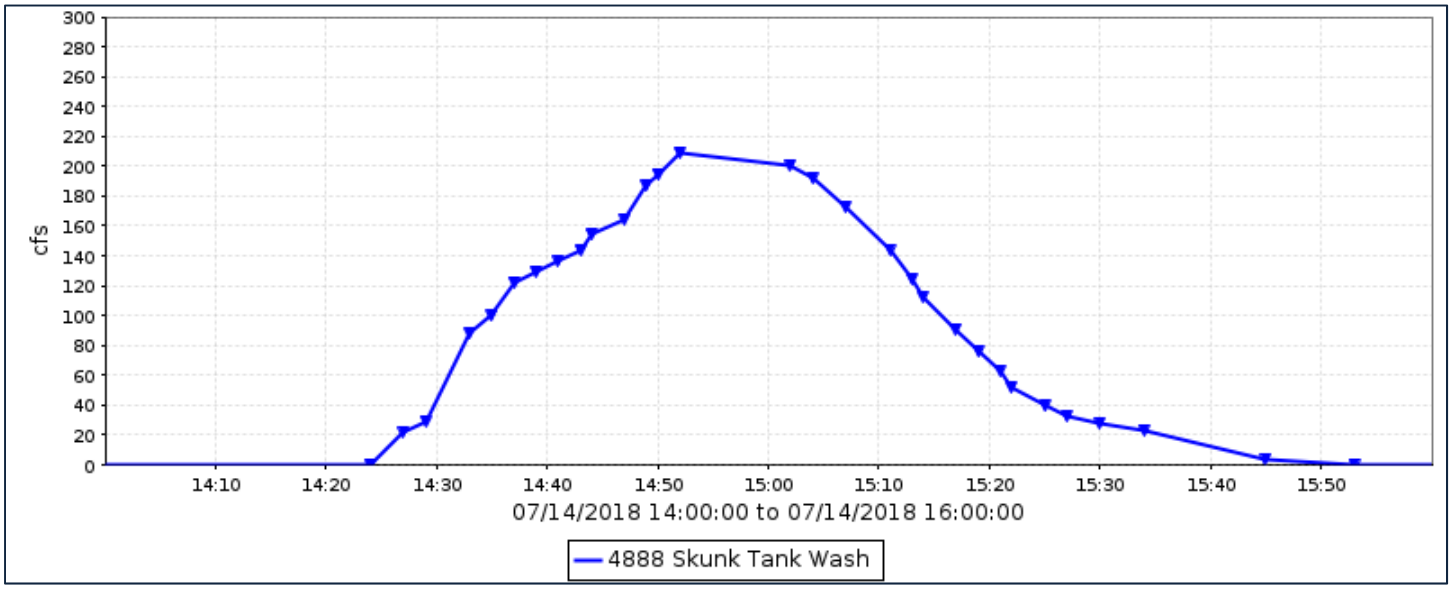




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
07/14/2018	6.02	209
07/30/2018	3.52	85

Hydrograph of peak WY 2018 flow event, 07/14/2018



Flood Flow Frequency

Flood Flow Frequency N=13, HEC-WRC computation (based on 13 years of data)					
2-year	**5-year**	**10-year**	**20-year**	**50-year**	**100-year**
70	**317**	**638**	**1,090**	**1,900**	**2,680**

Skunk Tank Wash, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

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

WTR YR 2018 TOTAL 7 MEAN 0 MAX 209 MIN 0 AC_FT 15

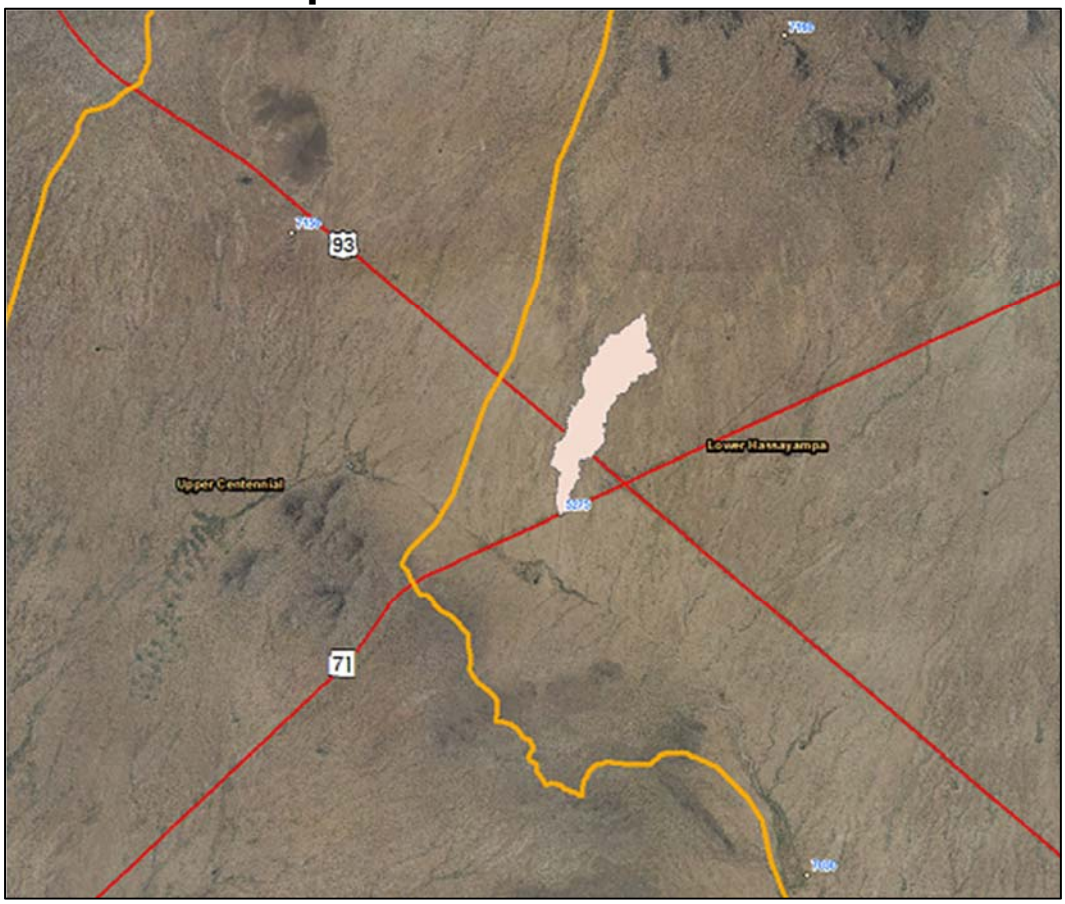
Sols Wash at SR71, ID #5276

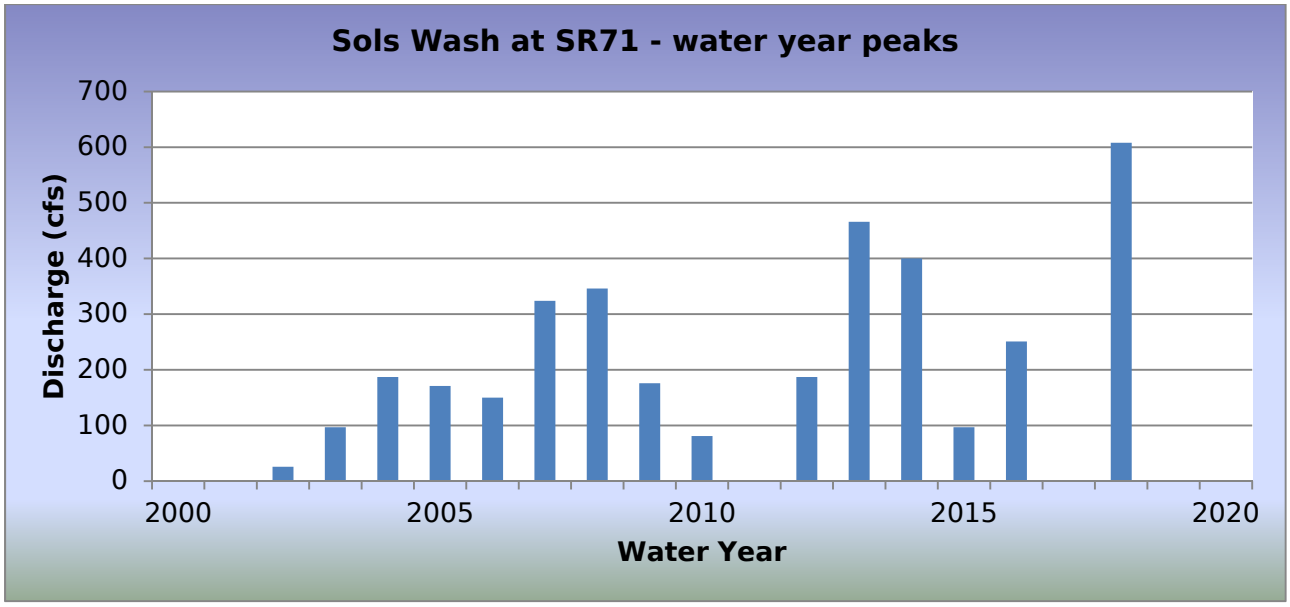


Site Data

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	17.05 Years | 6,228 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	2,737.74 feet NAVD88
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	608 cfs | 2.59 feet | 06/16/2018

Watershed Map

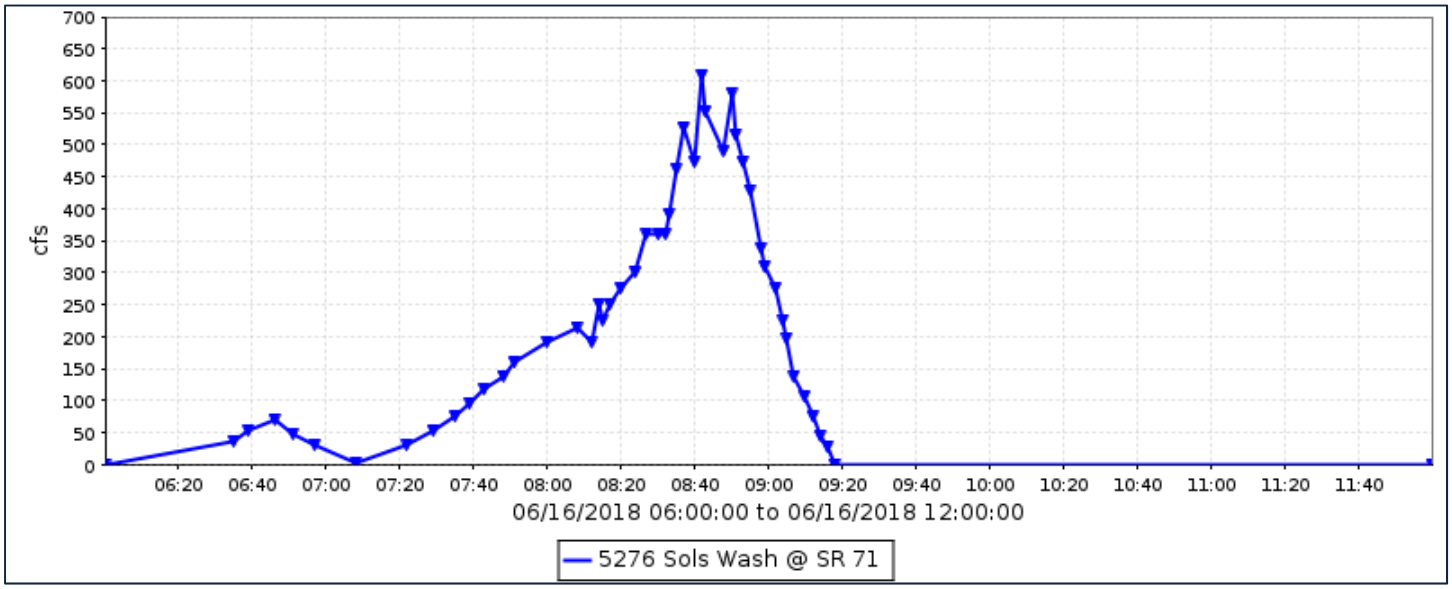




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
06/16/2018	2.59	608

Hydrograph of peak WY 2018 flow event, 06/16/2018



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**
179	**322**	**434**	**554**	**725**	**866**

NOTE: These results are based on very limited data.

Sols Wash at SR71, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
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3												
4												
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29					---							---
30					---							---
31		---			---		---		---			---
TOTAL	0	0	0	0	0	0	0	0	20	0	0	0
MEAN	0	0	0	0	0	0	0	0	1	0	0	0
MAX	0	0	0	0	0	0	0	0	608	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	40	0	0	0

WTR YR 2018 TOTAL 20 MEAN 0 MAX 608 MIN 0 AC_FT 40

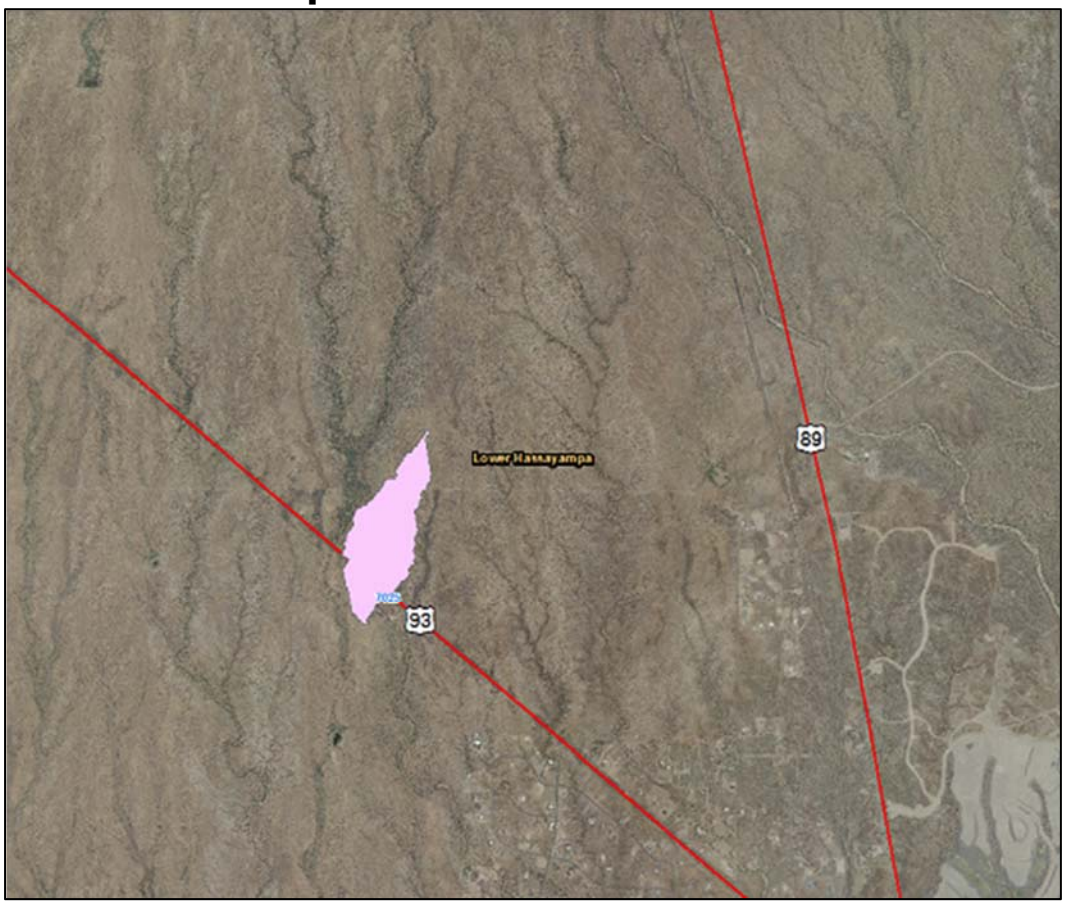
Sols Tributary at US93, ID #7028

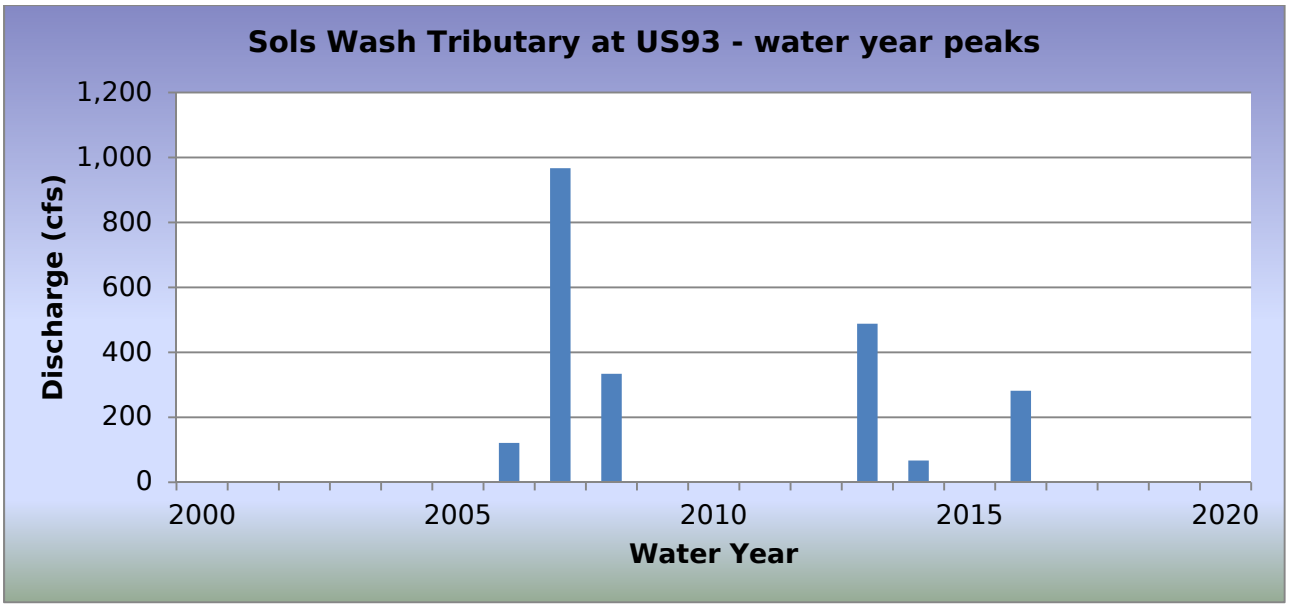


Site Data

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	16.67 Years | 6,088 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





WY2018 Events

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

Hydrograph of peak WY 2018 flow event

There was no runoff recorded by this gage in Water Year 2018.

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 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
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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 2018 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

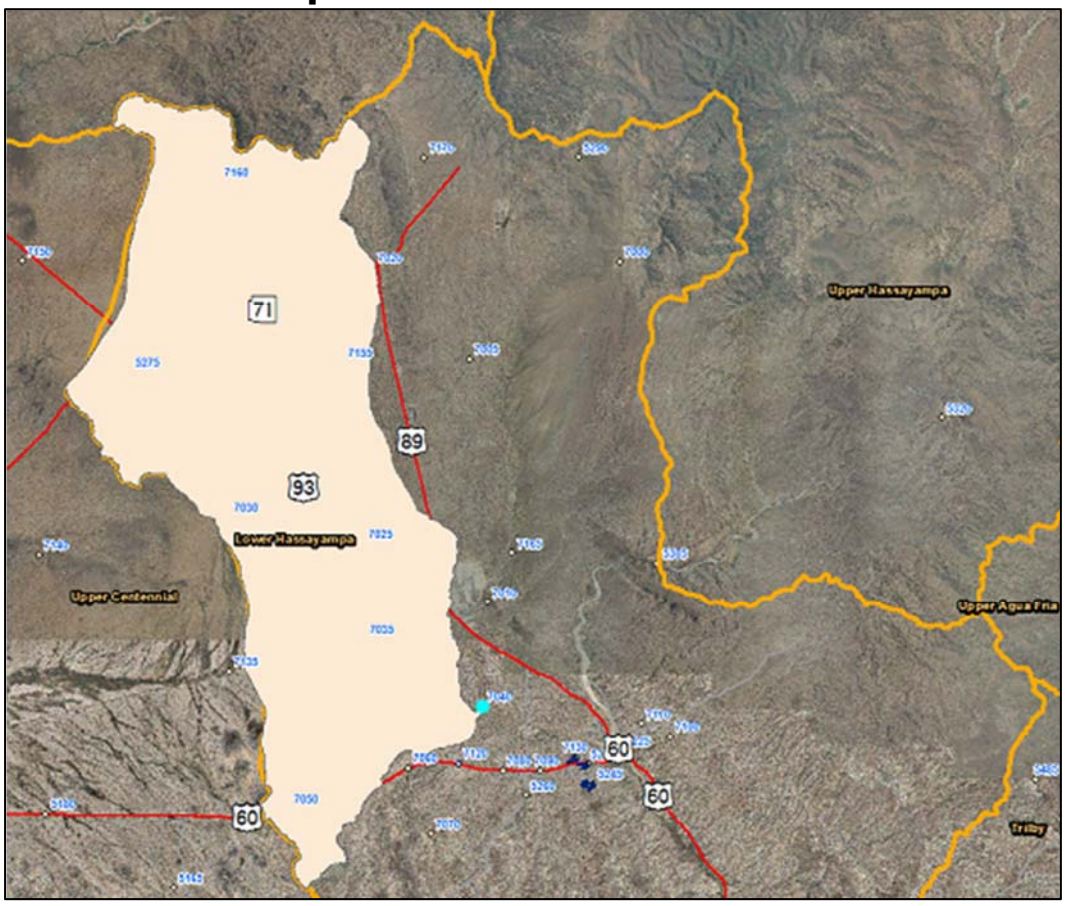
Sols Wash near Matthie, ID #7043

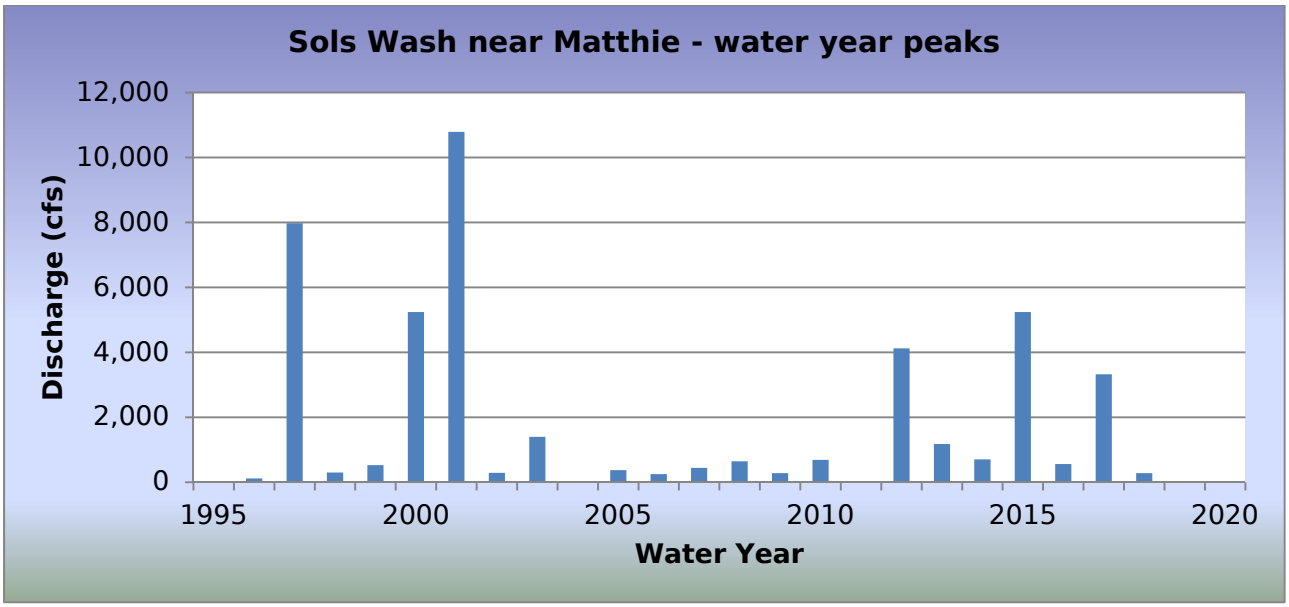


Site Data

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	23.16 Years | 8,459 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

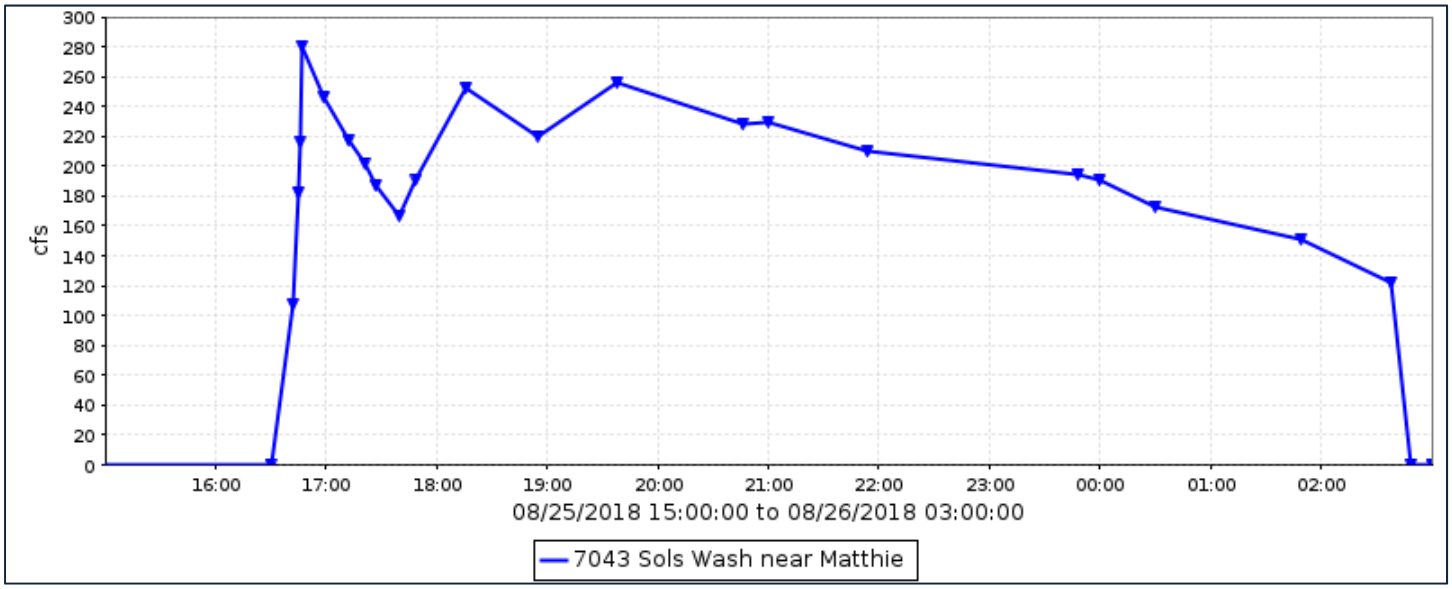




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
06/16/2018	0.62	160
08/17/2018	0.88	204
08/25/2018	1.23	281

Hydrograph of peak WY 2018 flow event, 08/25/2018



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**
678	**2,290**	**4,440**	**7,780**	**14,900**	**23,100**

NOTE: These results are based on limited data.

Sols Wash near Matthie, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16									6			
17											9	
18												
19												
20				---								
21												
22												
23												
24												
25											68	
26											20	
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	0	0	0	0	0	6	0	96	0
MEAN	0	0	0	0	0	0	0	0	0	0	3	0
MAX	0	0	0	0	0	0	0	0	160	0	281	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	0	0	11	0	191	0

WTR YR 2018 TOTAL 102 MEAN 0 MAX 281 MIN 0 AC_FT 202

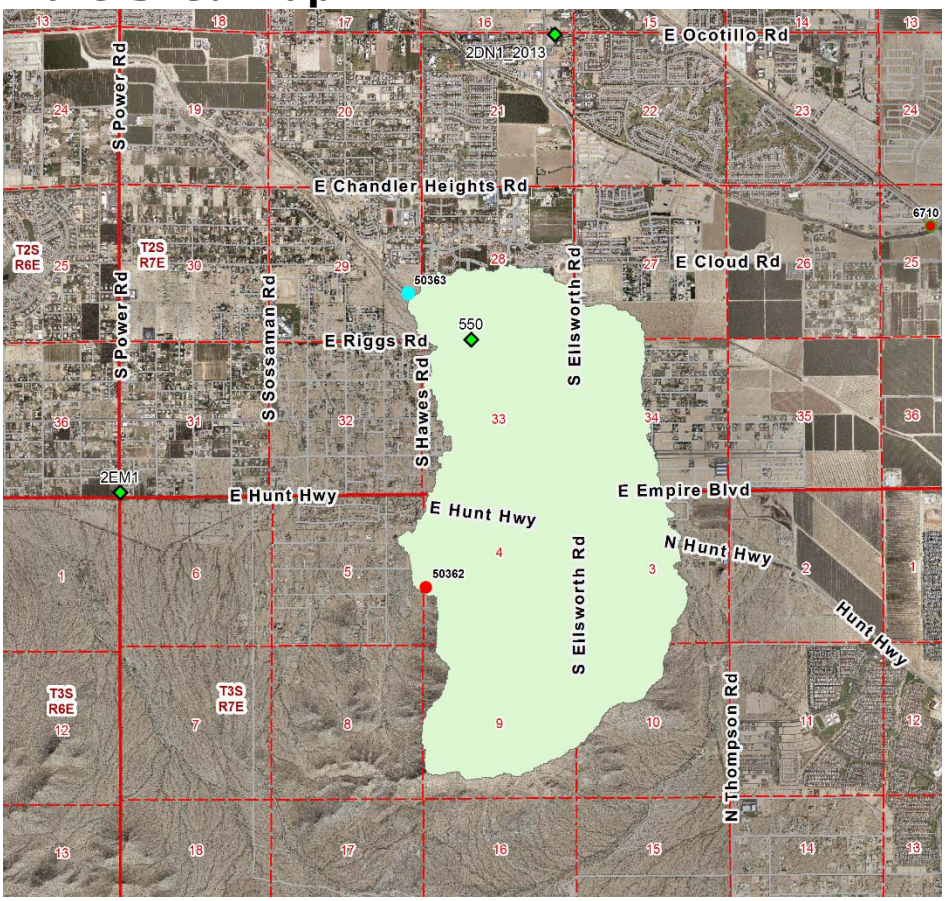
Sonoqui Wash near Hawes Road, ID #36307

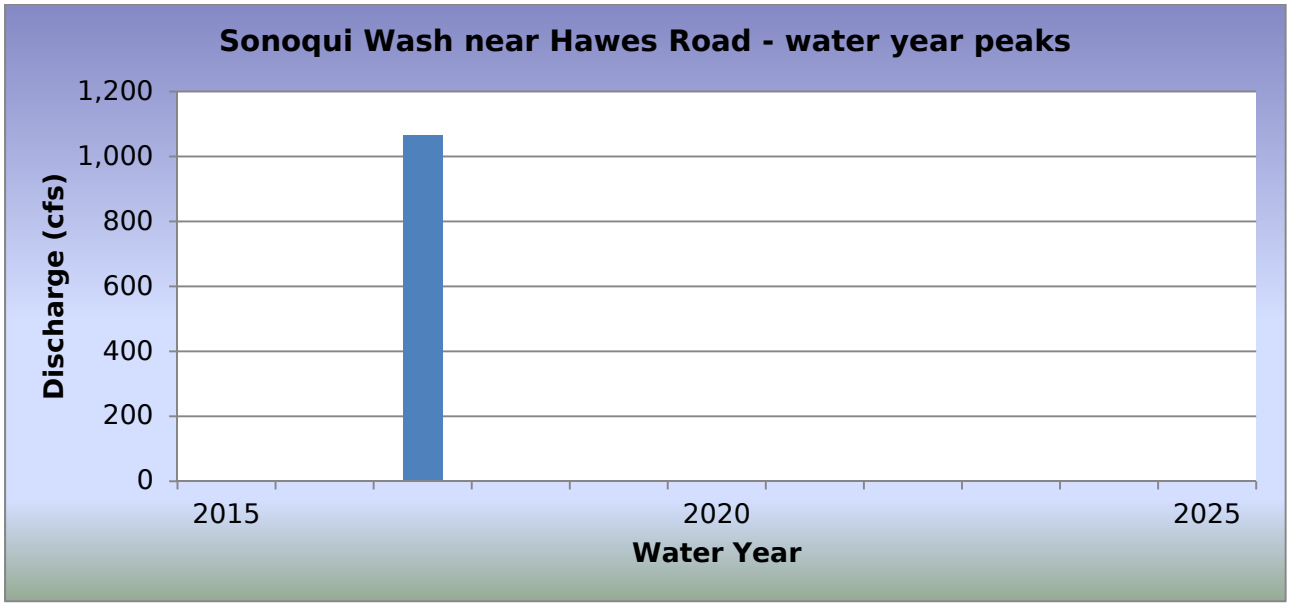


Site Data

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	1.78 Years | 649 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 NAVD88
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





WY2018 Events

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

Hydrograph of peak WY 2018 flow event,

No runoff recorded during Water Year 2018.

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 cub, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
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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 2018 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

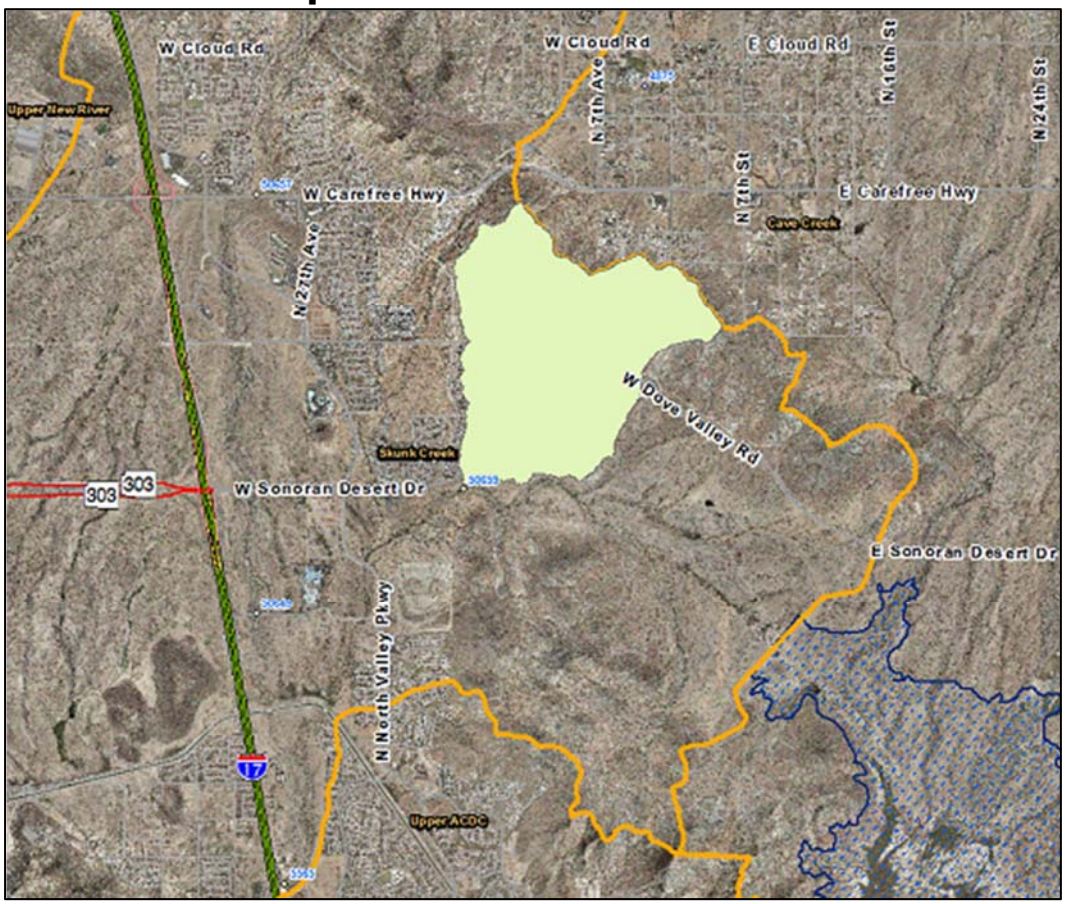
Sonoran Wash, ID #65907

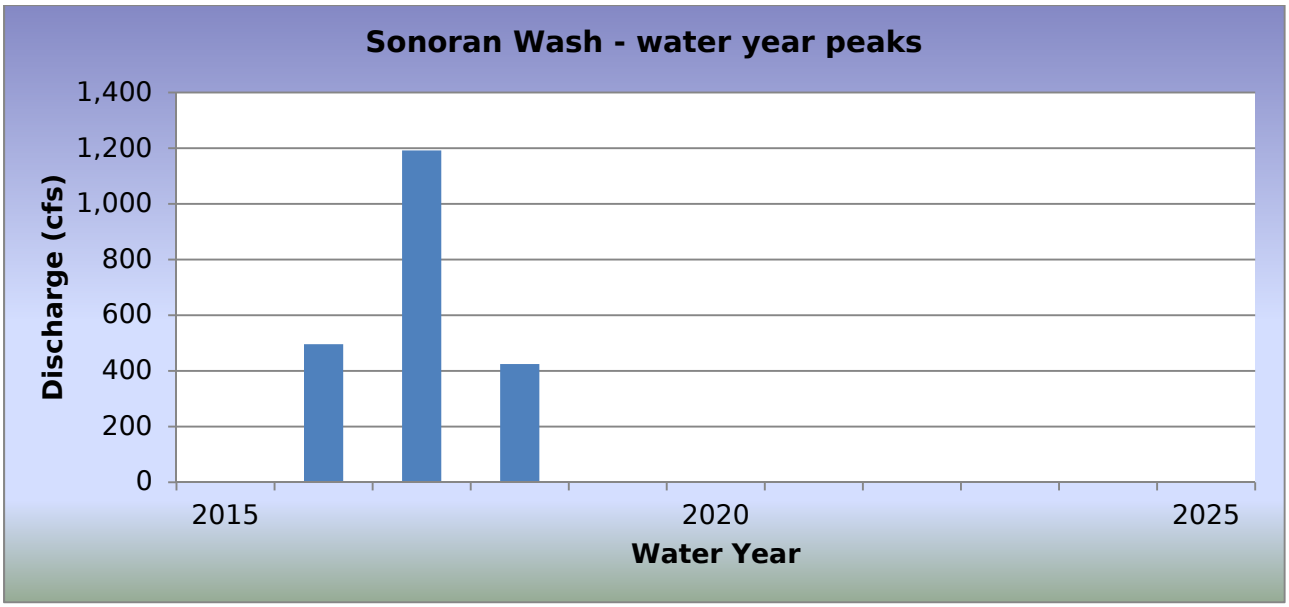


Site Data

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	2.97 Years | 1,084 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

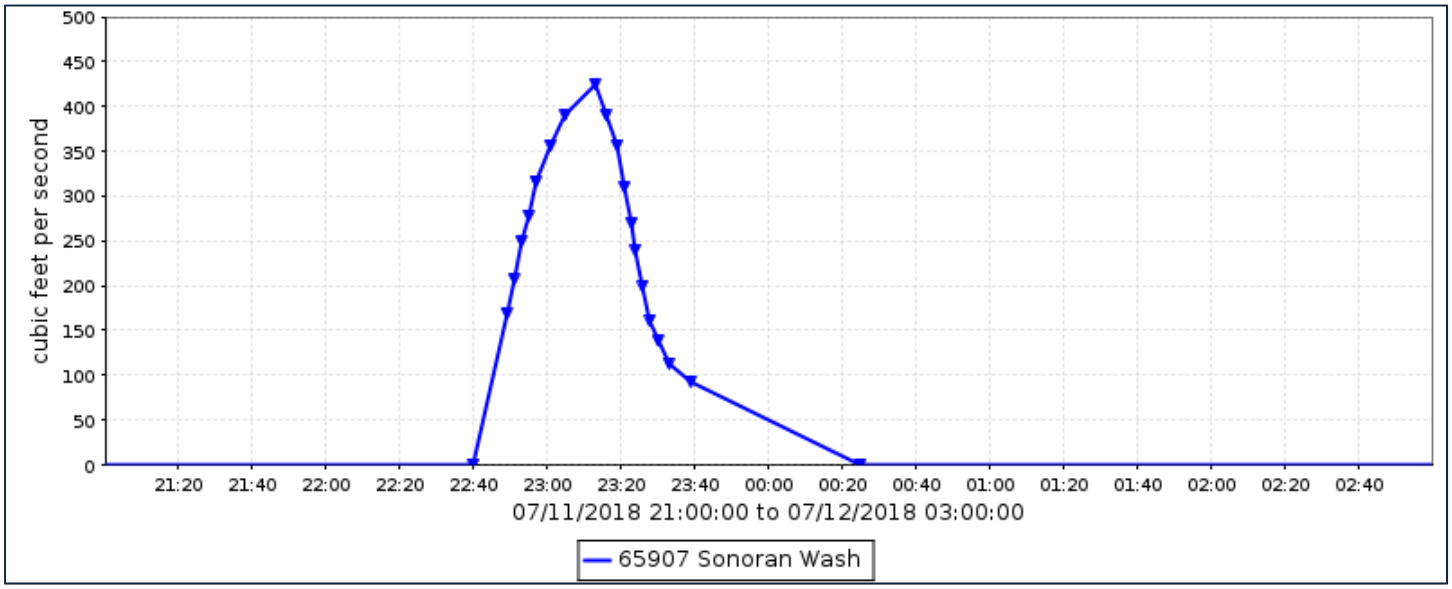




WY2018 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
07/11/2018	2.63	425

Hydrograph of peak WY 2018 flow event, 07/11/2018



Flood Flow Frequency

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

Sonoran Wash, runoff data

Discharge, in cub, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2								38				
3								38				
4								40				
5								38				
6								38				
7								38				
8								38				
9								58				
10								62				
11								61		11		
12								61		2		
13								61				
14								61				
15								61				
16								81				
17								61				
18								61				
19								61				
20								61				
21								81				
22								61				
23								61				
24								61				
25								61				
26								61				
27								61				
28								61				
29					---			41				
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	0	0	0	0	1566	0	13	0	0
MEAN	0	0	0	0	0	0	0	51	0	0	0	0
MAX	0	0	0	0	0	0	0	83	0	425	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	0	3106	0	25	0	0

WTR YR 2018 TOTAL 1579 MEAN 4 MAX 425 MIN 0 AC_FT 3131

South Mountain Fan, ID #6563

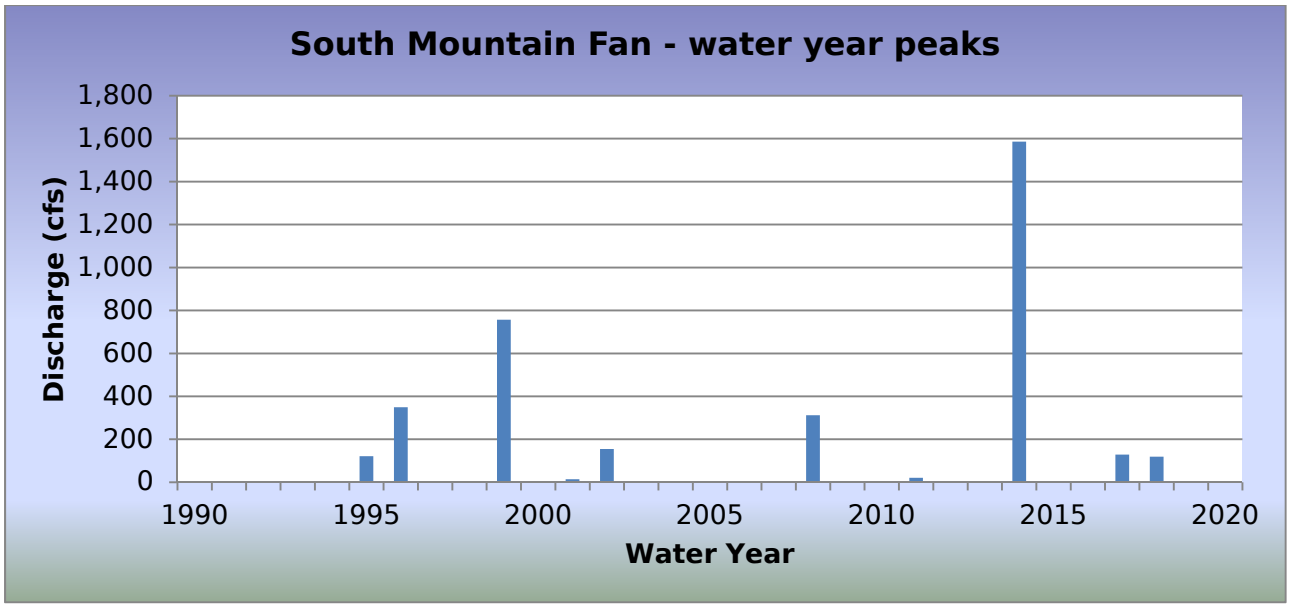


Site Data

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	25.31 Years | 9,245 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

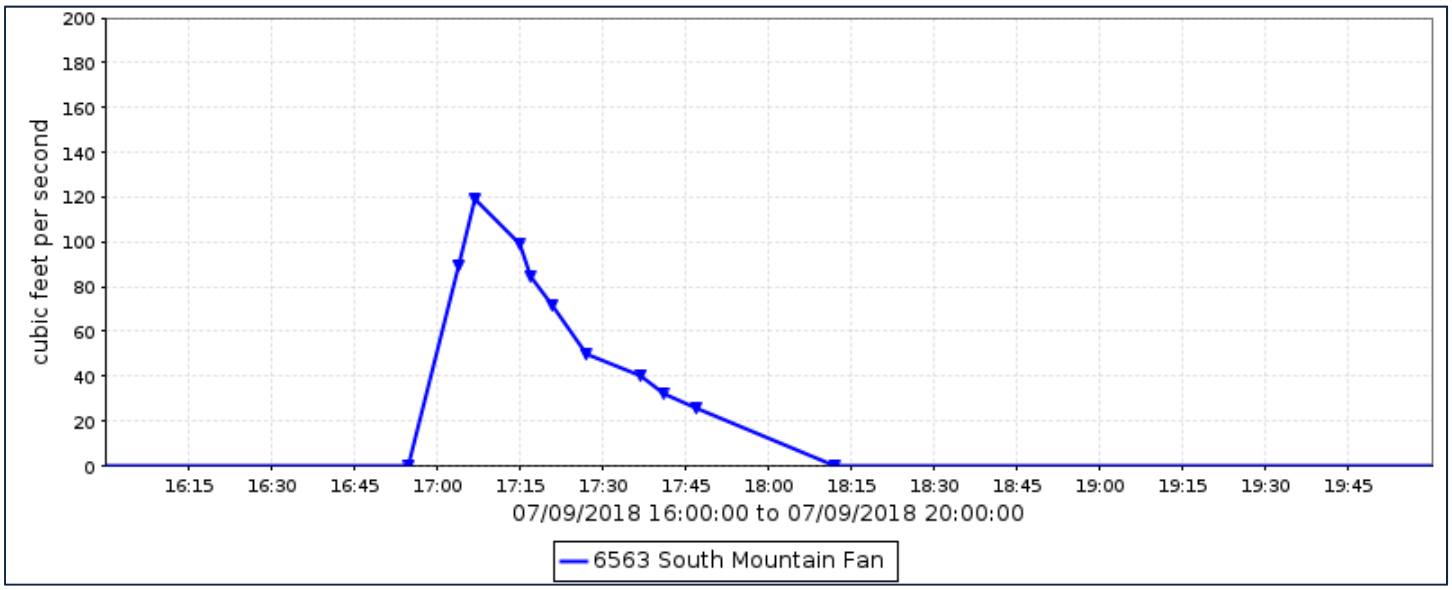




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
07/09/2018	1.97	119

Hydrograph of peak WY 2018 flow event, 07/09/2018



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 cub, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9										3		
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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	119	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	5	0	0

WTR YR 2018 TOTAL 3 MEAN 0 MAX 119 MIN 0 AC_FT 5

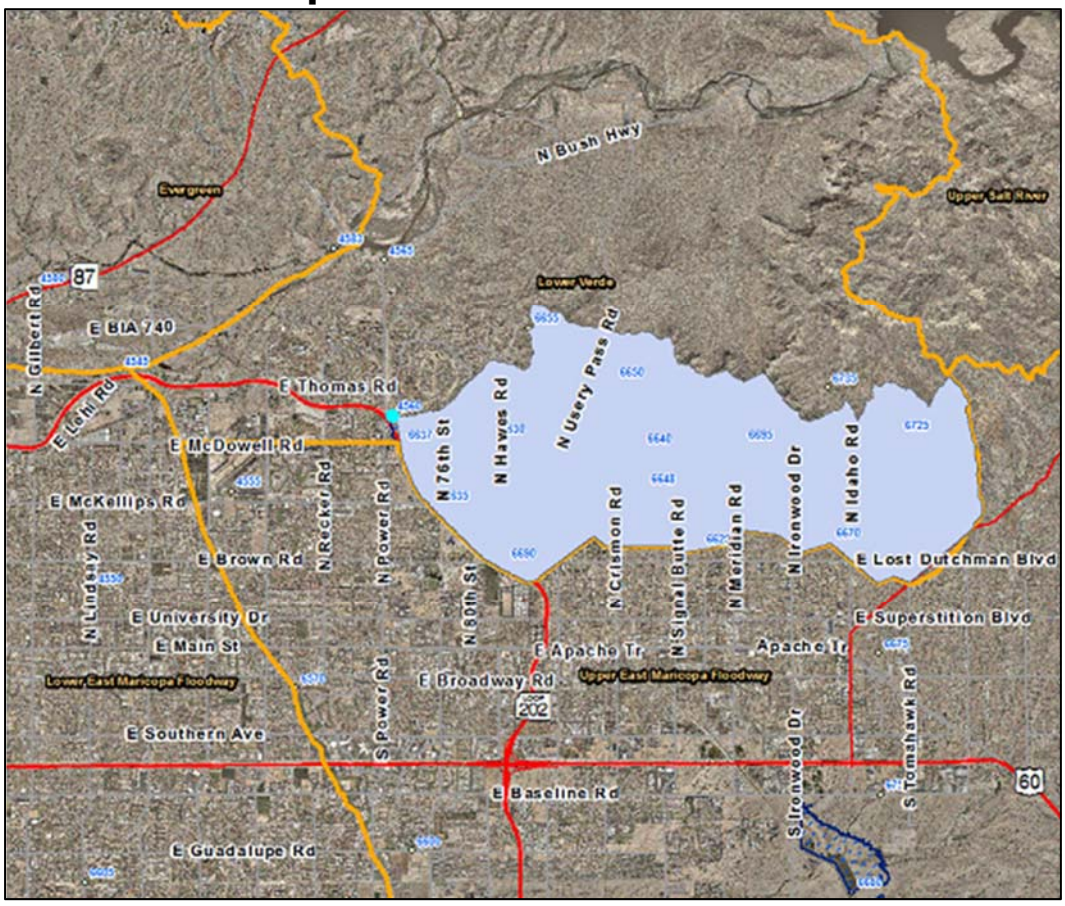
Spookhill FRS, ID #4563

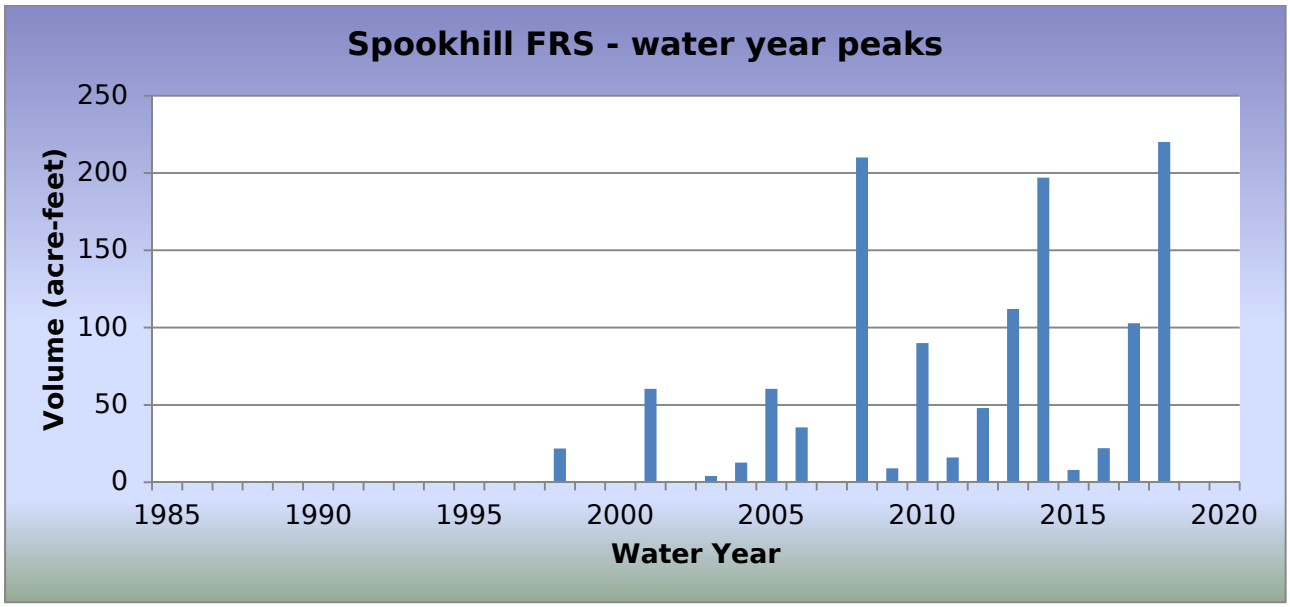


Site Data

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	30.75 Years | 11,233 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

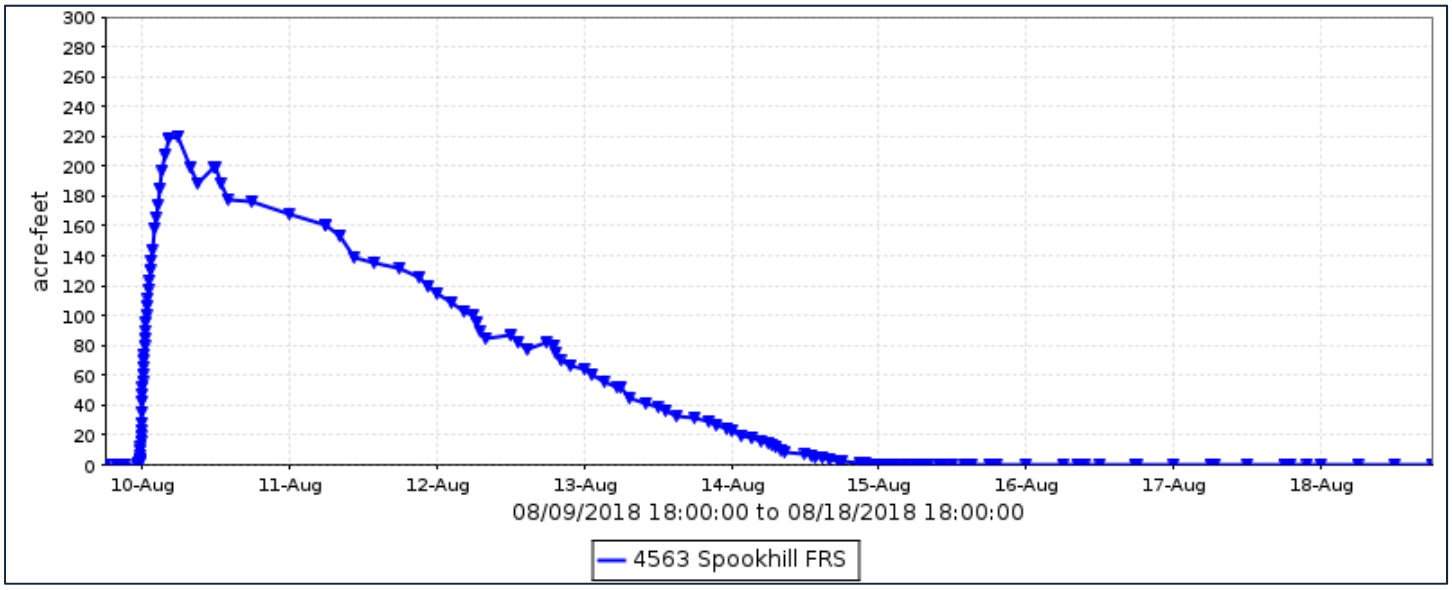




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
07/12/2018	2.15	1.9	0.1
07/31/2018	1.81	0.7	0.0
08/08/2018	2.75	7.1	0.3
08/10/2018	7.26	220.1	8.1

Hydrograph of peak WY 2018 impoundment event, 08/10/2018



Spookhill FRS, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7											2	
8											28	
9											16	
10											50	
11										8	49	
12										27	45	
13										25	40	
14										22	32	
15										21	6	
16										6		
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---	12		---
TOTAL	0	0	0	0	0	0	0	0	0	121	267	0
MEAN	0	0	0	0	0	0	0	0	0	4	9	0
MAX	0	0	0	0	0	0	0	0	0	28	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	240	529	0

WTR YR 2018 TOTAL 388 MEAN 1 MAX 52 MIN 0 AC_FT 770

Spookhill FRS, volume data

Volume, in acre-feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8											3	
9												
10											182	
11											146	
12										1	87	
13										1	42	
14											9	
15												
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27												
28												
29					---							
30					---							
31		---			---		---		---			---
MEAN	0	0	0	0	0	0	0	0	0	0	15	0
MAX	0	0	0	0	0	0	0	0	0	2	220	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 2018 MEAN 1 MAX 220 MIN 0

Spookhill FRS, stage data

Depth, in feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
5	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
6	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
7	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.3
8	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	2.2	0.3
9	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	1.2	0.3
10	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	6.8	0.3
11	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.8	6.4	0.3
12	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	2.0	5.4	0.3
13	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	1.7	4.3	0.3
14	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	1.4	2.7	0.3
15	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	1.2	0.8	0.3
16	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.6	0.4	0.3
17	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	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	---	1.0	0.3	---
MEAN	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.5	1.2	0.3
MAX	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	2.1	7.3	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 2018 MEAN 0.38 MAX 7.26 MIN 0.28

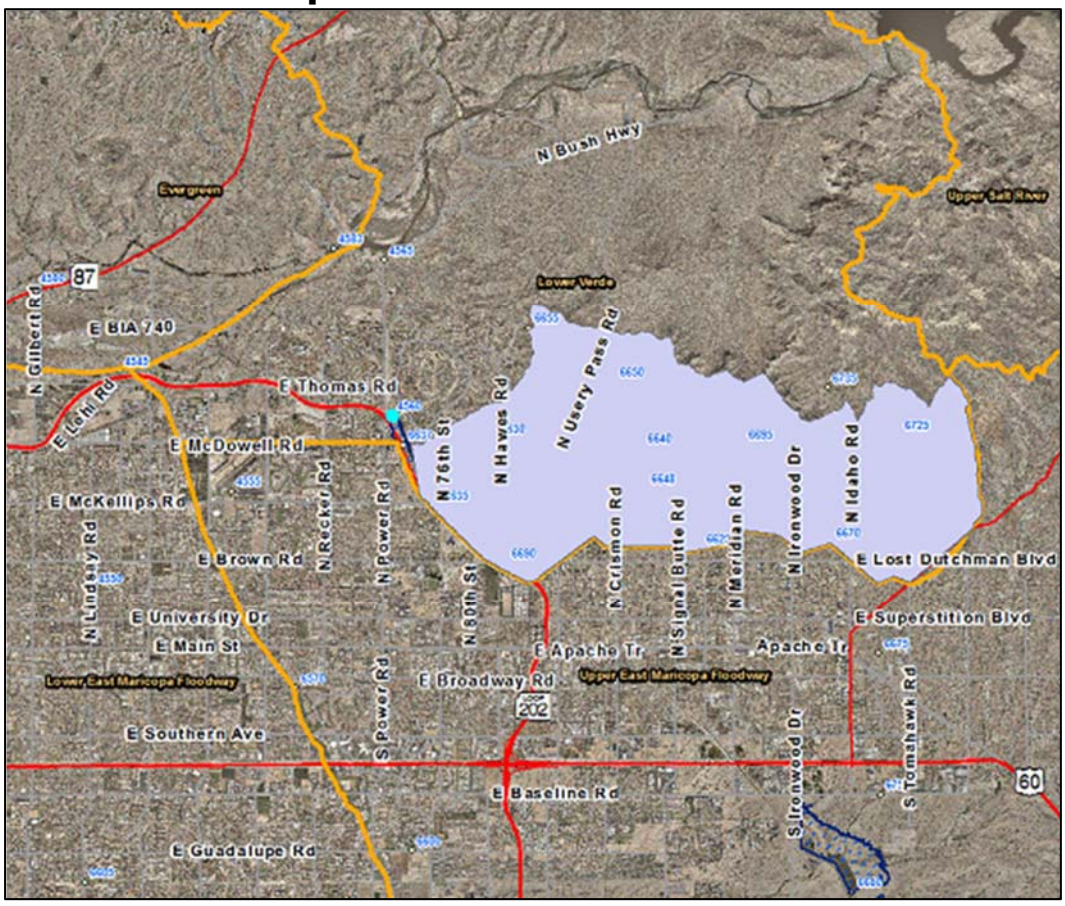
Spookhill FRS at McDowell Road, ID #6637

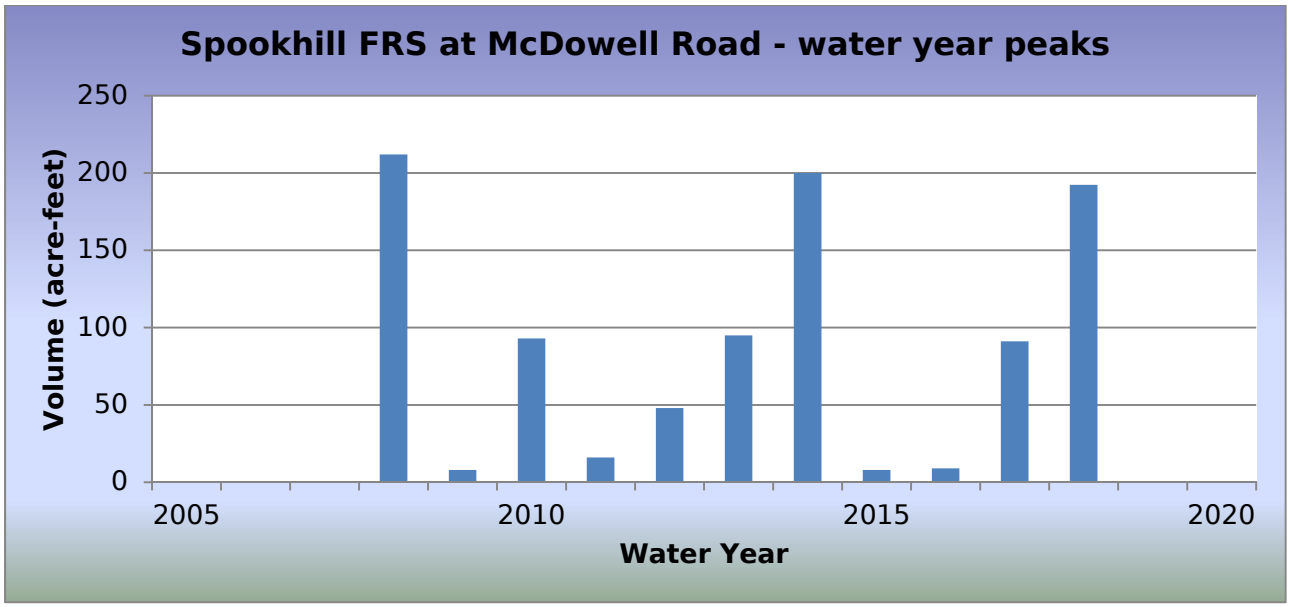


Site Data

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	10.28 Years | 3,756 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 PRINICPAL 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

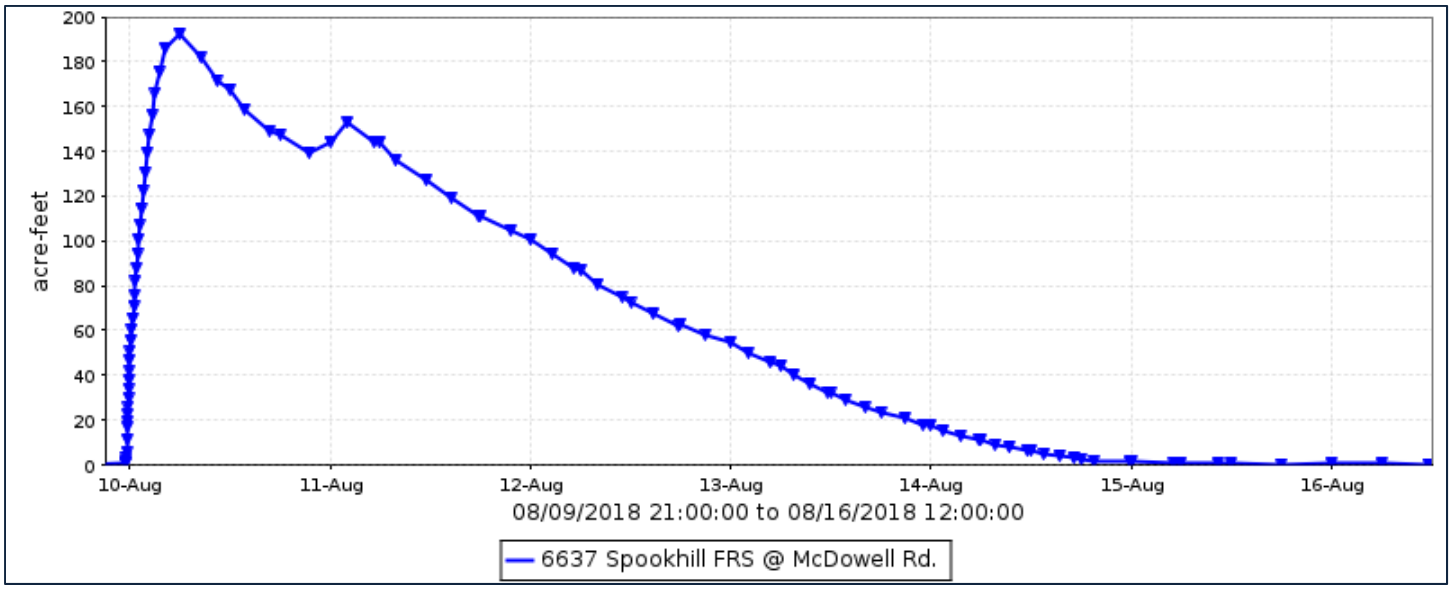




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
07/12/2018	0.50	1.0	0.0
08/08/2018	1.10	5.0	0.1
08/10/2018	5.61	192.3	4.8

Hydrograph of peak WY 2018 impoundment event, 08/10/2018



Spookhill FRS at McDowell Road, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2											1	
3												
4												
5												
6												
7											2	
8											27	
9											9	
10											49	
11										5	48	
12										14	44	
13										3	39	
14											31	
15											11	
16											3	
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	22	264	0
MEAN	0	0	0	0	0	0	0	0	0	1	9	0
MAX	0	0	0	0	0	0	0	0	0	21	51	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	43	524	0

WTR YR 2018 TOTAL 286 MEAN 1 MAX 51 MIN 0 AC_FT 567

Spookhill FRS at McDowell Road, volume data

Volume, in acre-feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8											3	
9											1	
10											158	
11											129	
12										1	77	
13											35	
14											7	
15											1	
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	13	0
MAX	0	0	0	0	0	0	0	0	0	1	192	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 2018 MEAN 1 MAX 192 MIN 0

Spookhill FRS at McDowell Road, stage data

Depth, in feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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	0.1	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.2	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	4.8	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	3.8	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	2.7	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	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	0.6	0.0
MAX	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	5.6	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 2018 MEAN 0.05 MAX 5.61 MIN 0.00

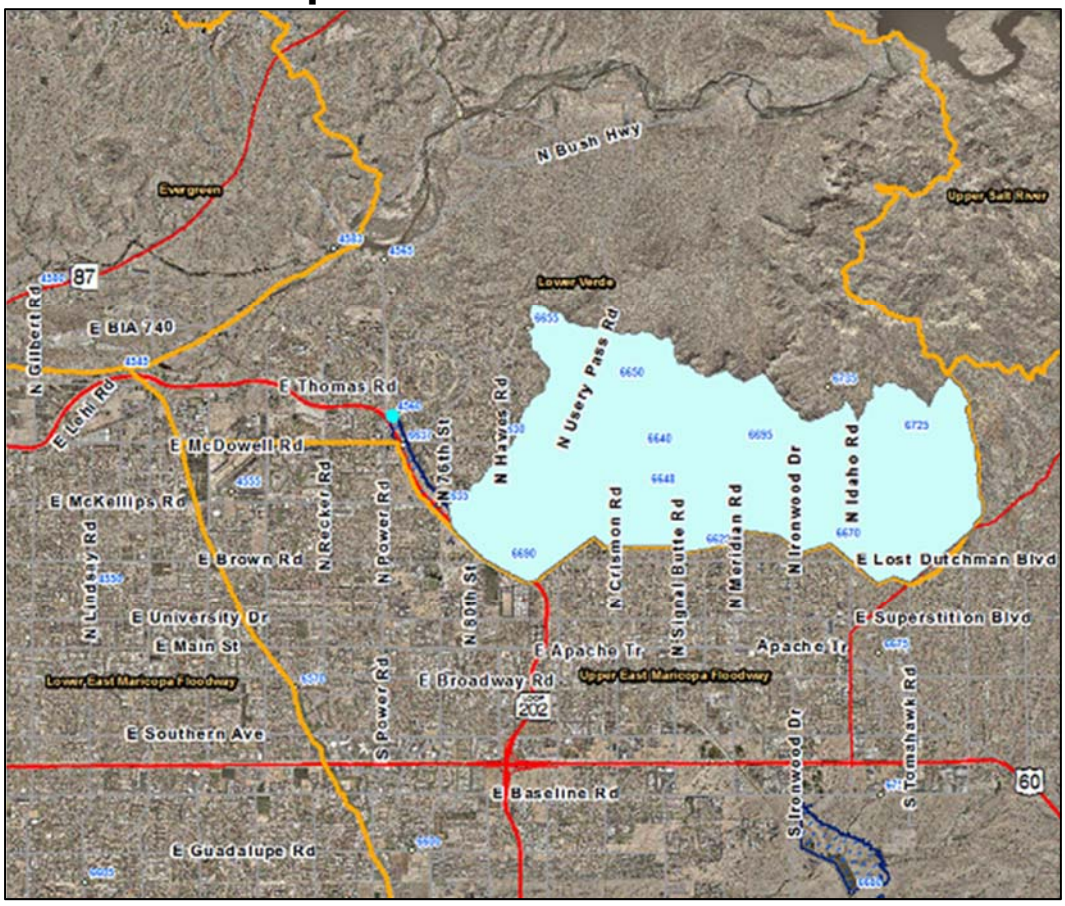
Spookhill FRS at McKellips Road, ID #6638

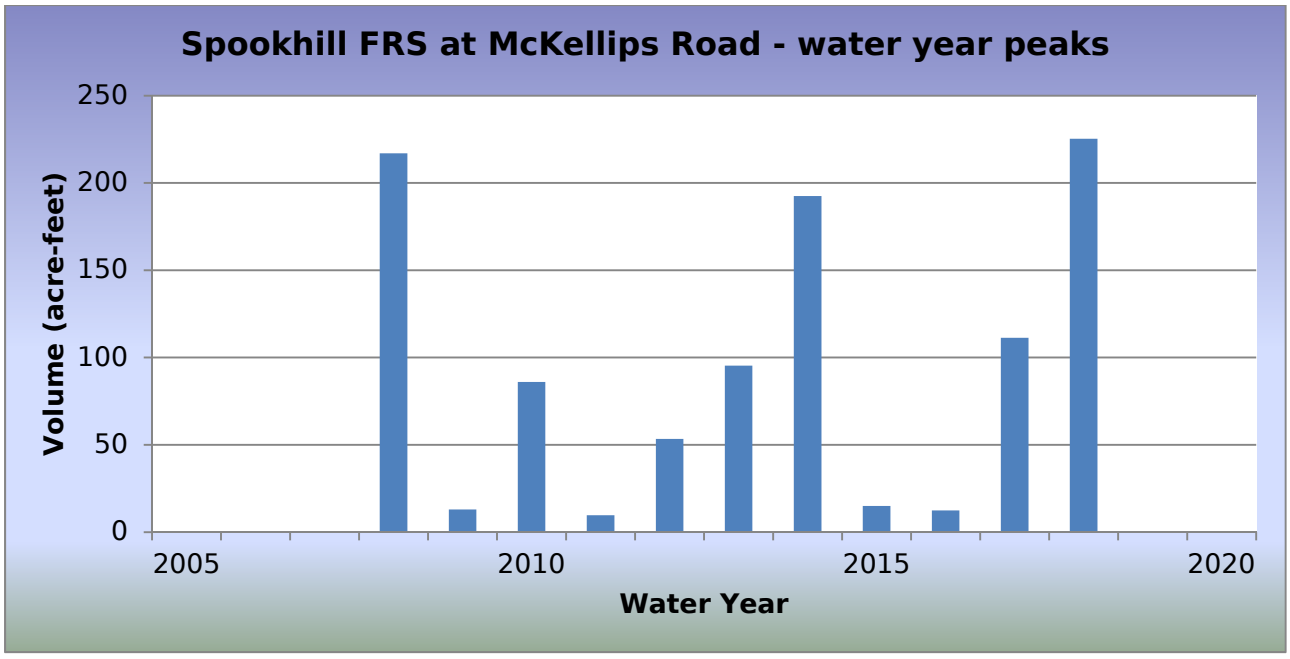


Site Data

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	10.28 Years | 3,756 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

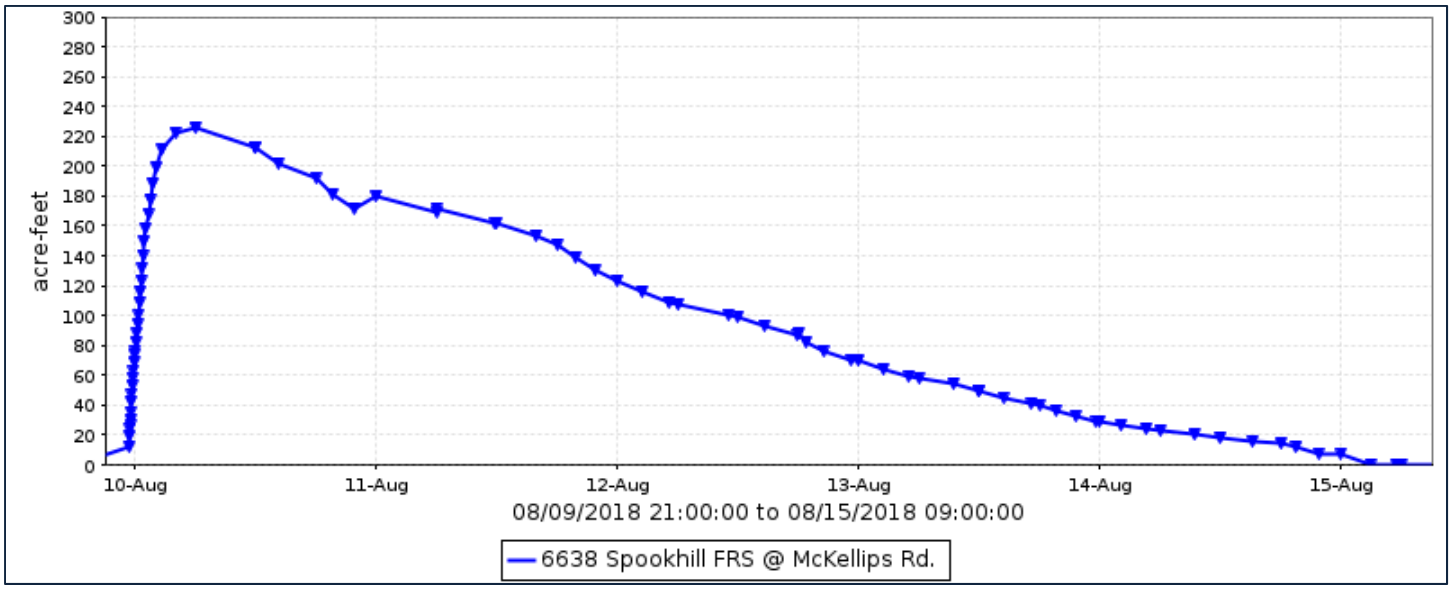




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
07/11/2018	0.97	16.5	0.3
08/07/2018	1.74	33.4	0.7
08/10/2018	5.06	225.3	5.3

Hydrograph of peak WY 2018 impoundment event, 08/10/2018



Spookhill FRS at McKellips Road, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2											---	
3											---	
4	1										---	
5	1										---	
6												
7											30	
8											5	
9											1	
10											51	
11										1	49	
12											46	
13											42	
14											25	
15											1	
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	4	0	0	0	0	0	0	0	0	1	223	0
MEAN	0	0	0	0	0	0	0	0	0	0	7	0
MAX	2	0	0	0	0	0	0	0	0	21	52	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	7	0	0	0	0	0	0	0	0	3	442	0

WTR YR 2018 TOTAL 228 MEAN 1 MAX 52 MIN 0 AC_FT 452

Spookhill FRS at McKellips Road, volume data

Volume, in acre-feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2											---	
3											---	
4											---	
5											---	
6												
7											22	
8											3	
9											1	
10											200	
11										1	162	
12											99	
13											51	
14											19	
15											1	
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	17	0
MAX	0	0	0	0	0	0	0	0	0	17	225	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 2018 MEAN 1 MAX 225 MIN 0

Spookhill FRS at McKellips Road, stage data

Depth, in feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	---	0.2
3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	---	0.2
4	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	---	0.2
5	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	---	0.2
6	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
7	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	1.2	0.2
8	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.5	0.2
9	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.2
10	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	4.8	0.2
11	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	4.3	0.2
12	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	3.4	0.2
13	0.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	2.2	0.2
14	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	1.1	0.2
15	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2
16	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
17	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
18	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
19	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
20	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
21	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
22	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
23	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
24	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
25	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
26	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
27	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
28	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
29	0.2	0.2	0.2	0.2	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2
30	0.2	0.2	0.2	0.2	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2
31	0.2	---	0.2	0.2	---	0.2	---	0.2	---	0.2	0.2	---
MEAN	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.7	0.2
MAX	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	1.0	5.1	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 2018 MEAN 0.29 MAX 5.06 MIN 0.25

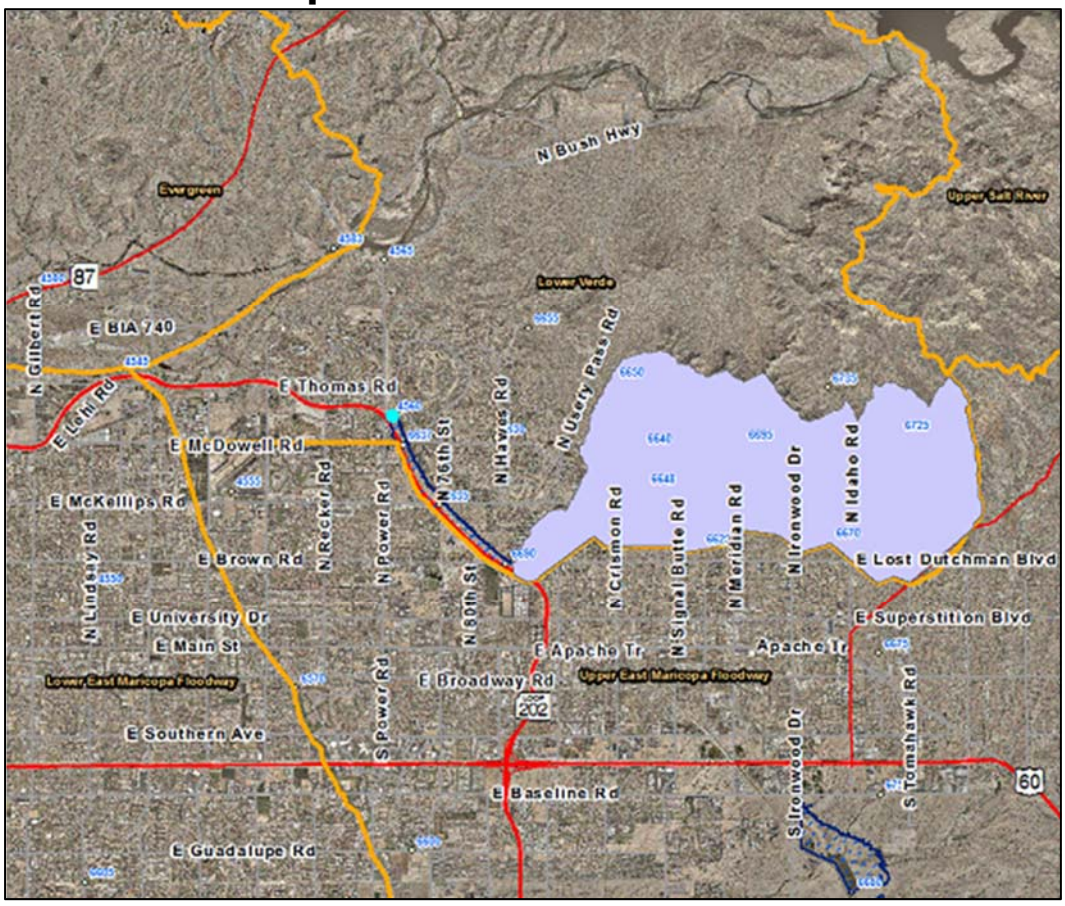
Spookhill FRS at Brown Road, ID #6693

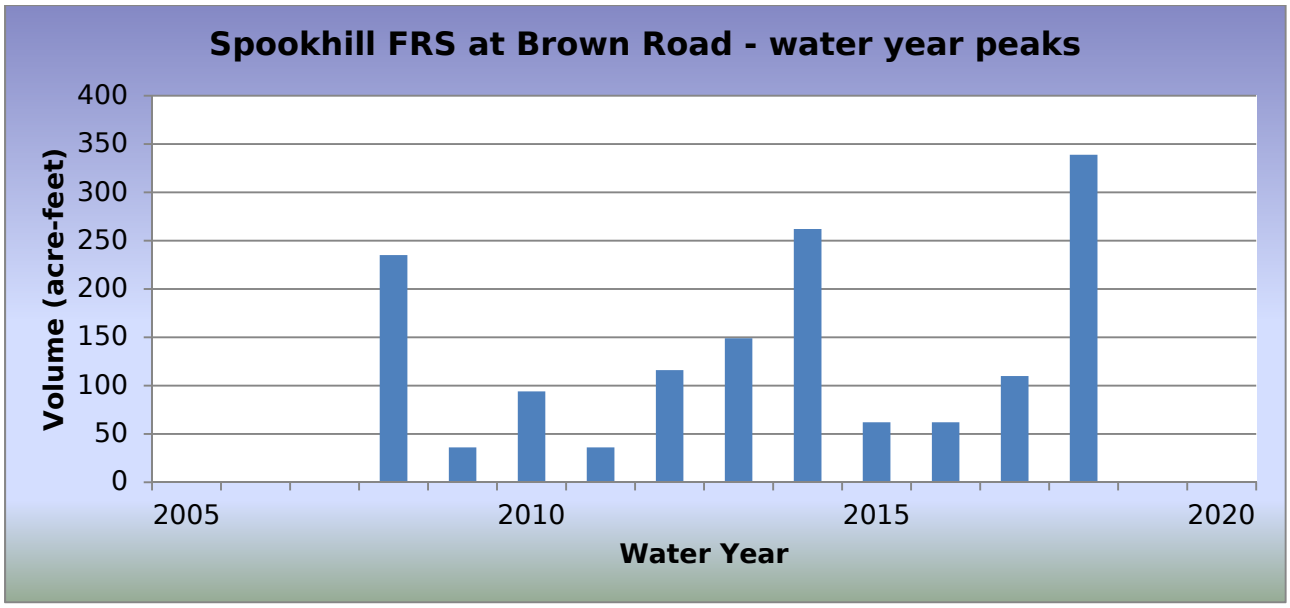


Site Data

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	10.32 Years | 3,771 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

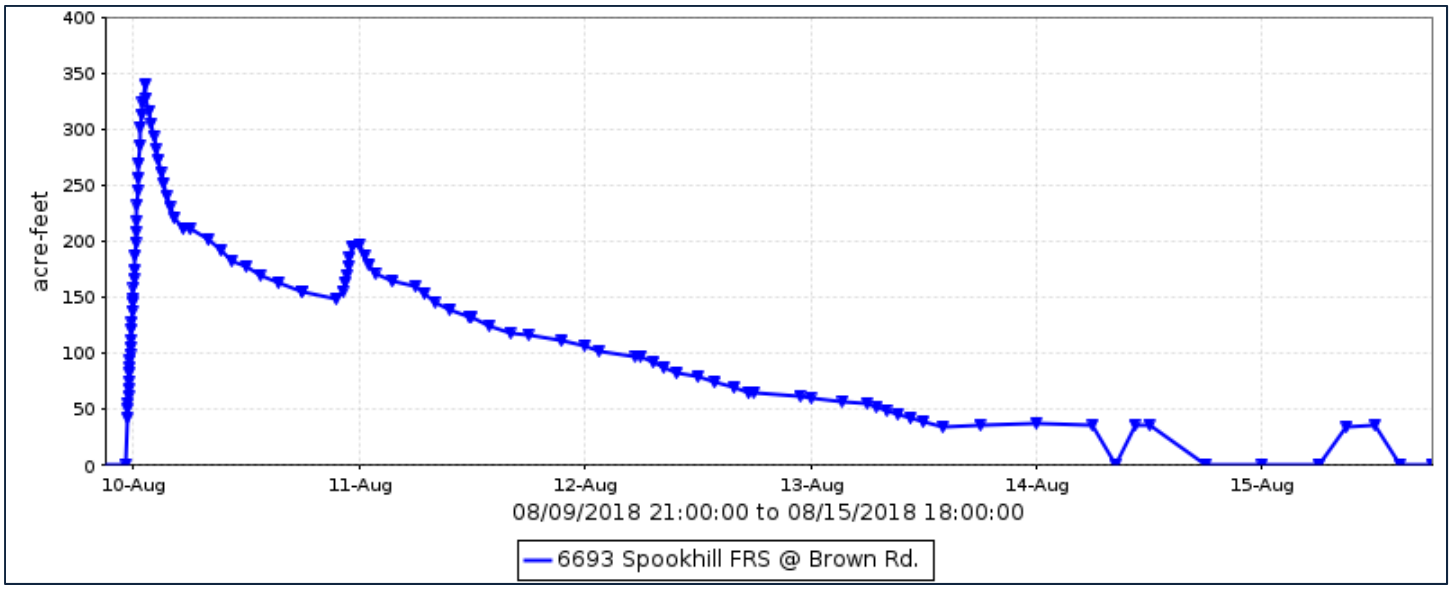




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
07/30/2018	0.75	48.4	1.2
08/10/2018	4.74	338.8	7.3
08/24/2018	0.67	45.6	1.0

Hydrograph of peak WY 2018 impoundment event, 08/10/2018



Spookhill FRS at Brown Road, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4						1						
5												
6												
7												
8												
9											1	
10											51	
11											48	
12											46	
13											42	
14											28	
15											9	
16												
17												
18												
19												
20						1						
21												
22												
23												
24											3	
25											14	
26												
27												
28												
29					---							
30					---					7		
31		---			---		---		---			---
TOTAL	0	0	0	0	0	3	0	0	0	7	243	0
MEAN	0	0	0	0	0	0	0	0	0	0	8	0
MAX	0	0	0	0	0	6	0	0	0	43	56	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	13	481	0

WTR YR 2018 TOTAL 252 MEAN 1 MAX 56 MIN 0 AC_FT 500

Spookhill FRS at Brown Road, volume data

Volume, in acre-feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9											2	
10											195	
11											139	
12											82	
13											44	
14											24	
15											8	
16												
17												
18												
19												
20												
21												
22												
23												
24											3	
25											13	
26												
27												
28												
29					---							
30					---					6		
31		---			---		---		---			---
MEAN	0	0	0	0	0	0	0	0	0	0	16	0
MAX	0	0	0	0	0	0	0	0	0	48	339	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 2018 MEAN 1 MAX 339 MIN 0

Spookhill FRS at Brown Road, stage data

Depth, in feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
5	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
6	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
7	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
8	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
9	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
10	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	3.3	0.3
11	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	2.6	0.3
12	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	1.6	0.3
13	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.7	0.3
14	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	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	0.4	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	0.5	0.3
MAX	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.8	4.7	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 2018 MEAN 0.29 MAX 4.74 MIN 0.27

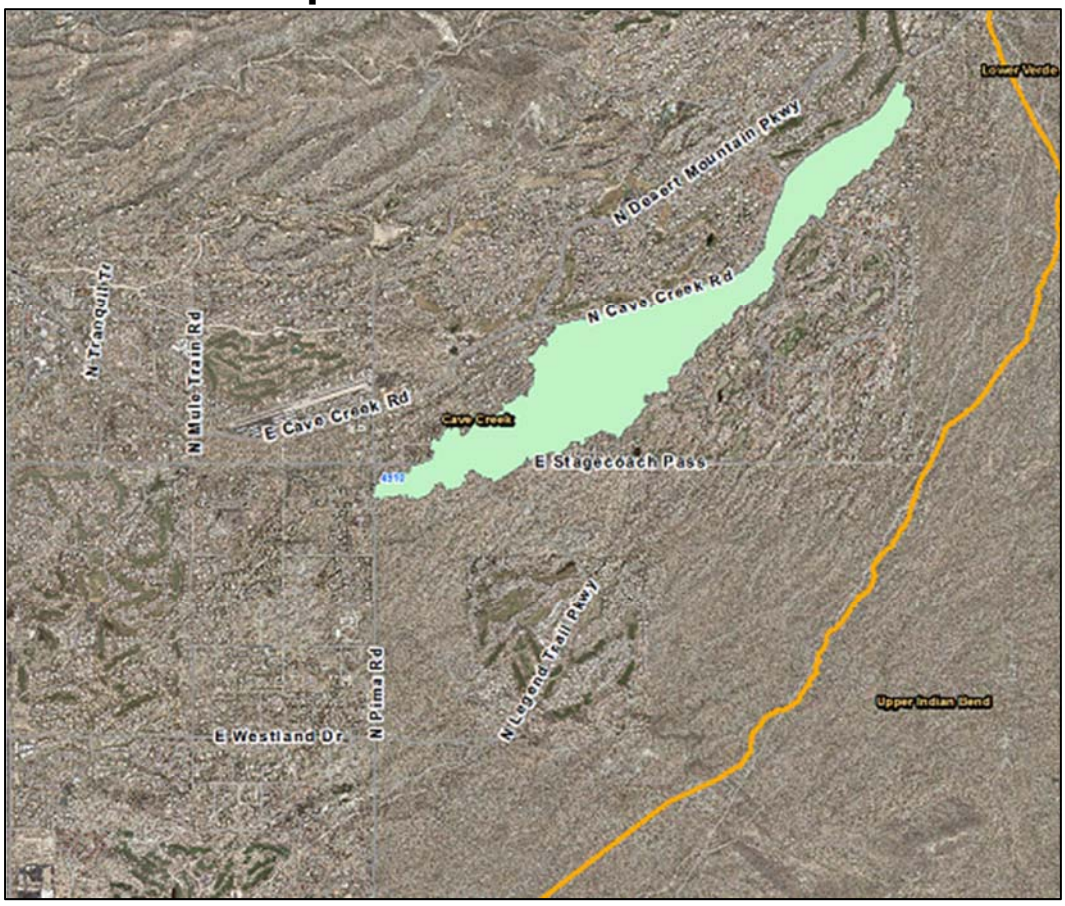
Stagecoach Wash, ID #4913

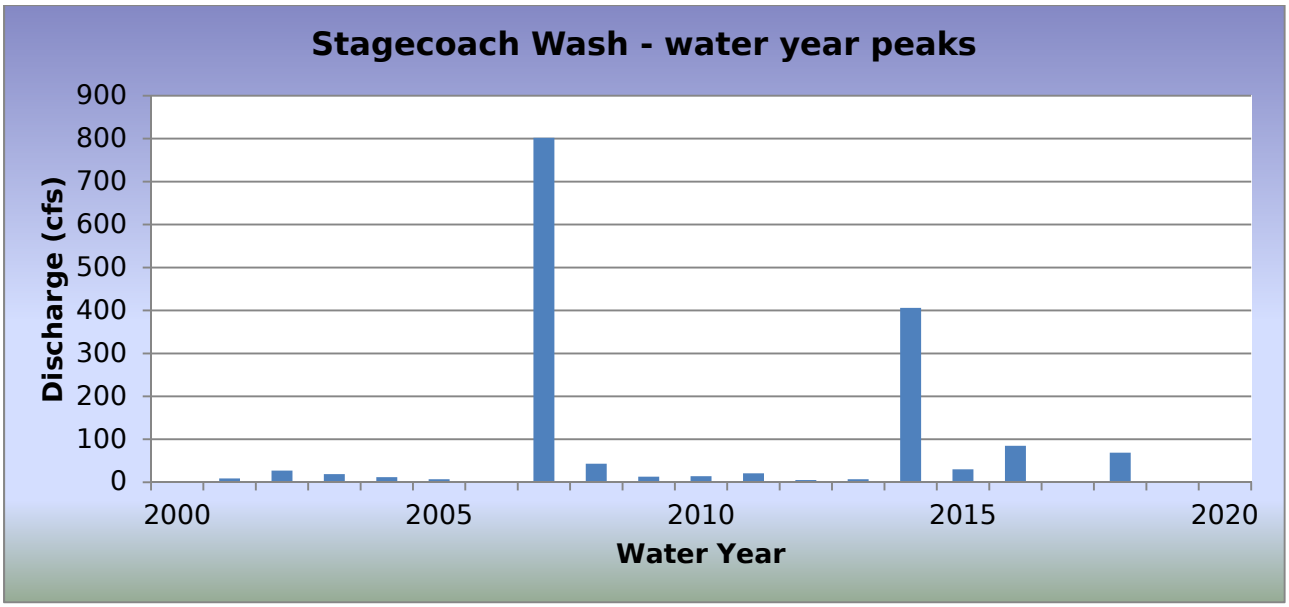


Site Data

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	17.30 Years | 6,319 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	2,548.94 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

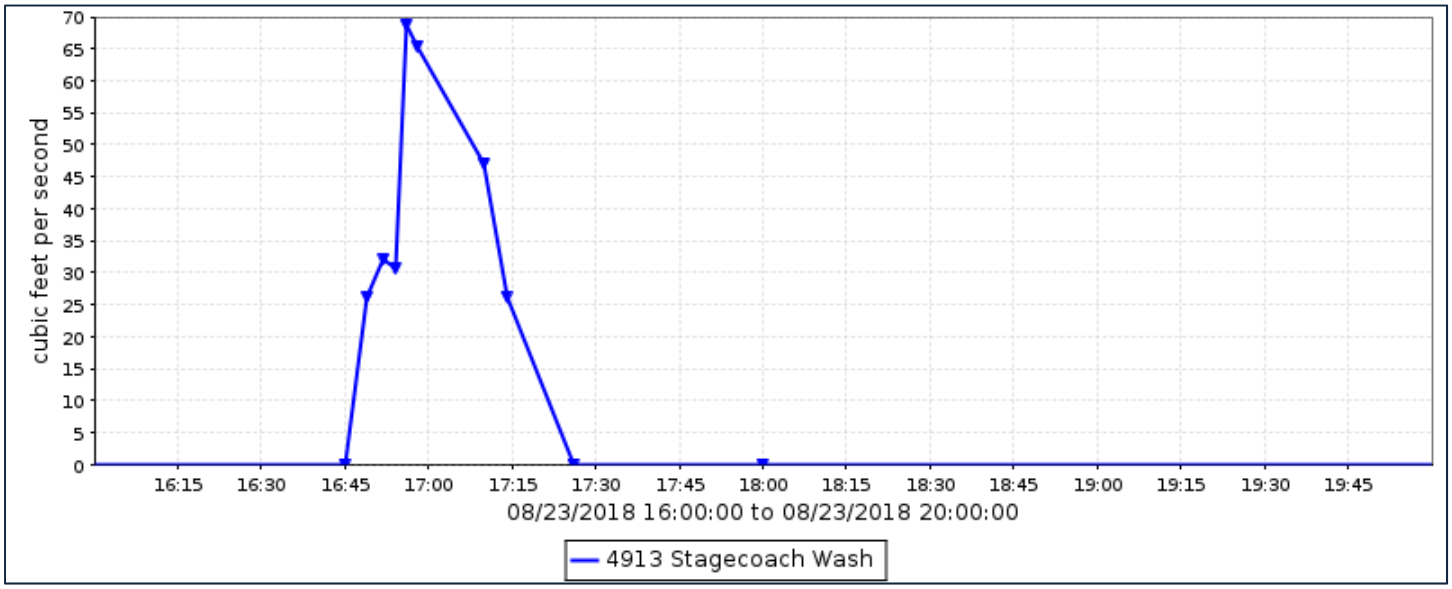




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
08/23/2018	1.74	69

Hydrograph of peak WY 2018 flow event



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**
16	**66**	**145**	**287**	**639**	**1,110**

Stagecoach Wash, runoff data

Discharge, in cub, Water Year October 2017 to September 2018

Daily Mean Values

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

WTR YR 2018 TOTAL 1 MEAN 0 MAX 69 MIN 0 AC_FT 2

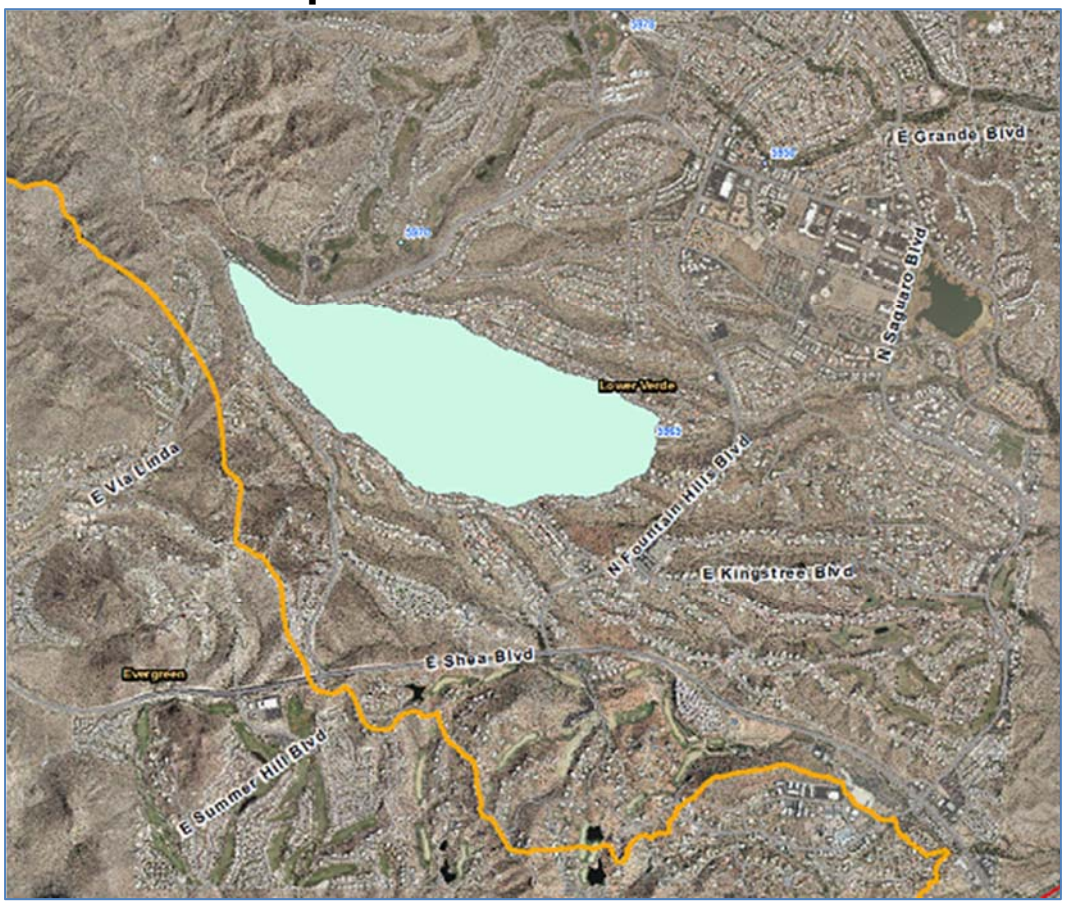
Stoneridge Dam, ID #5968

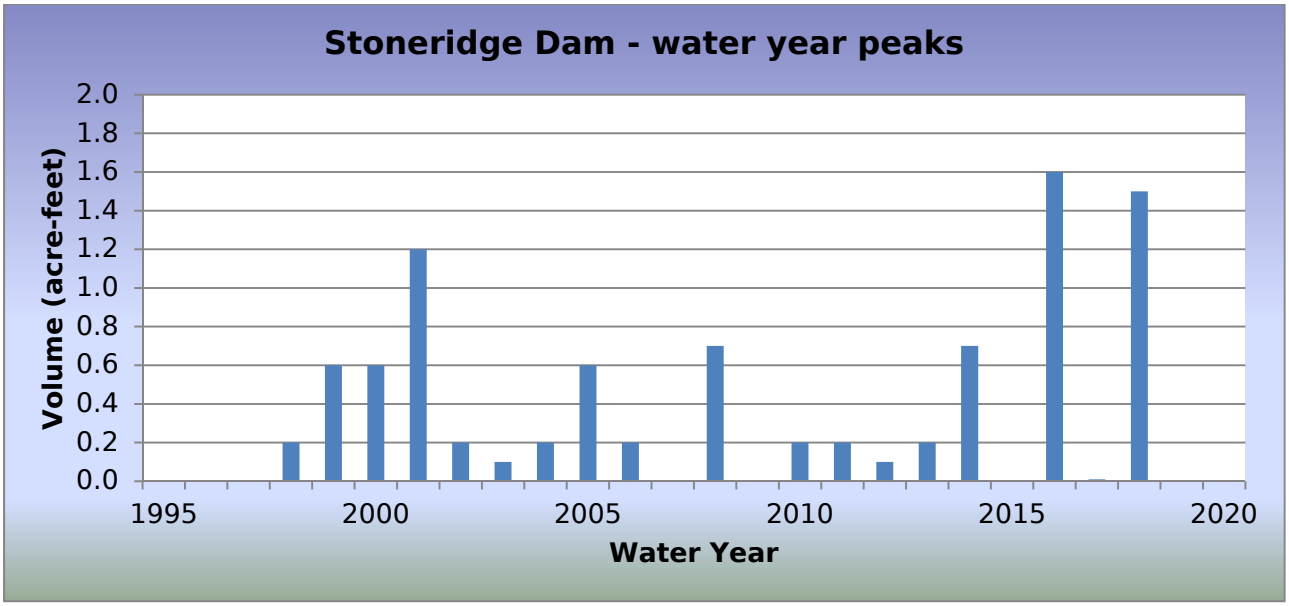


Site Data

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	21.80 Years | 7,964 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.87 feet Gage Height
STAFF GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,680.94 feet NAVD88
POINT OF ZERO FLOW	0.00 feet Gage Height
SPILLWAY CREST ELEVATION	24.0 feet Gage Height
TOP OF DAM ELEVATION	31.0 feet Gage Height

Watershed Map

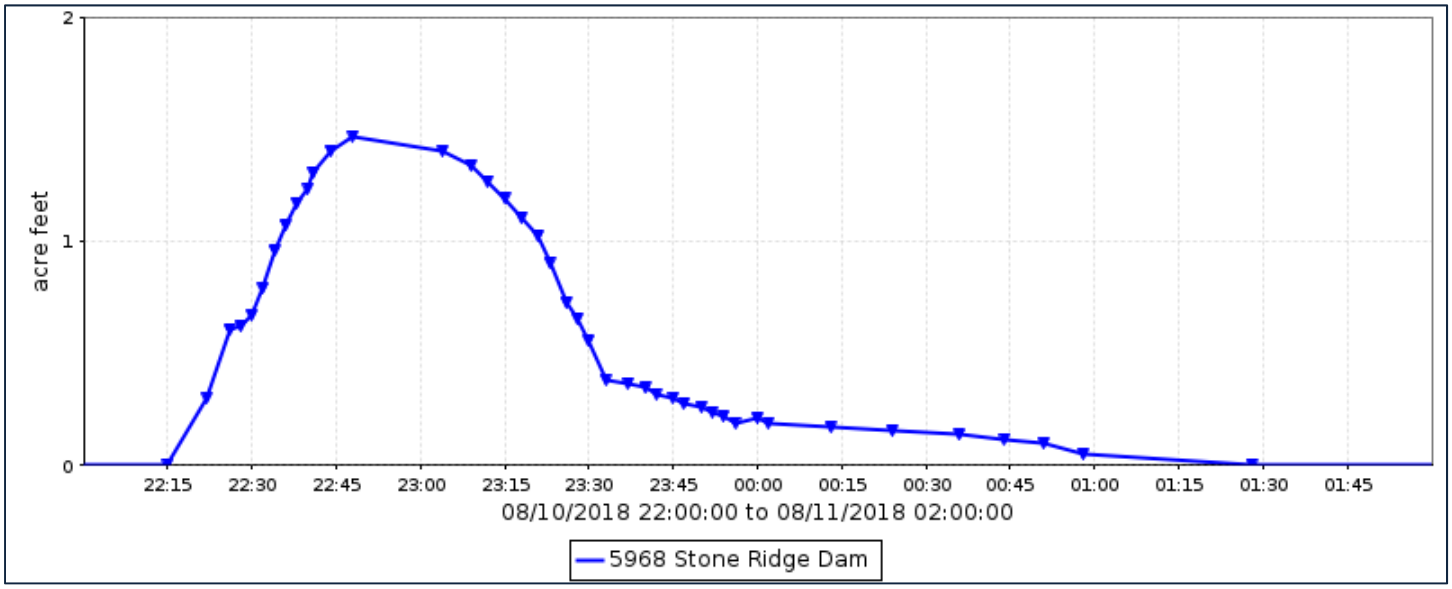




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
07/14/2018	1.60	0.1	0.2
07/30/2018	2.68	0.3	0.5
08/08/2018	5.07	0.7	1.4
08/10/2018	6.19	1.5	2.3
08/12/2018	1.93	0.2	0.3

Hydrograph of peak WY 2018 impoundment event, 08/10/2018



Stoneridge Dam, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

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

WTR YR 2018 TOTAL 8 MEAN 0 MAX 51 MIN 0 AC_FT 16

Stoneridge Dam, volume data

Volume, in acre feet, Water Year October 2017 to September 2018

Daily Mean Values

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

WTR YR 2018 MEAN 0 MAX 1 MIN 0

Stoneridge Dam, stage data

Depth, in feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
2	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
4	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	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	1.4	1.3
9	1.3	1.3	---	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
10	1.3	1.3	---	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.5	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	2.7	6.2	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 2018 MEAN 1.30 MAX 6.19 MIN 1.30

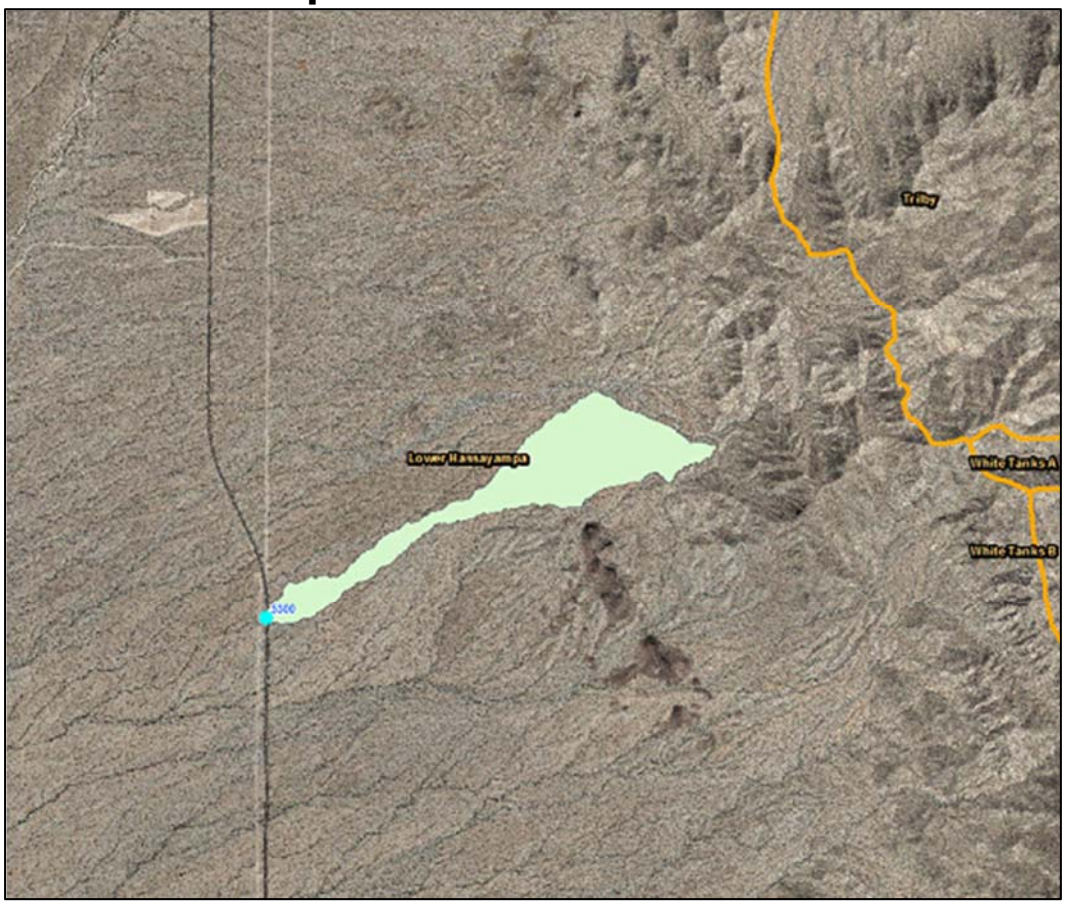
Sun Valley Parkway at Northern Avenue, ID #5303

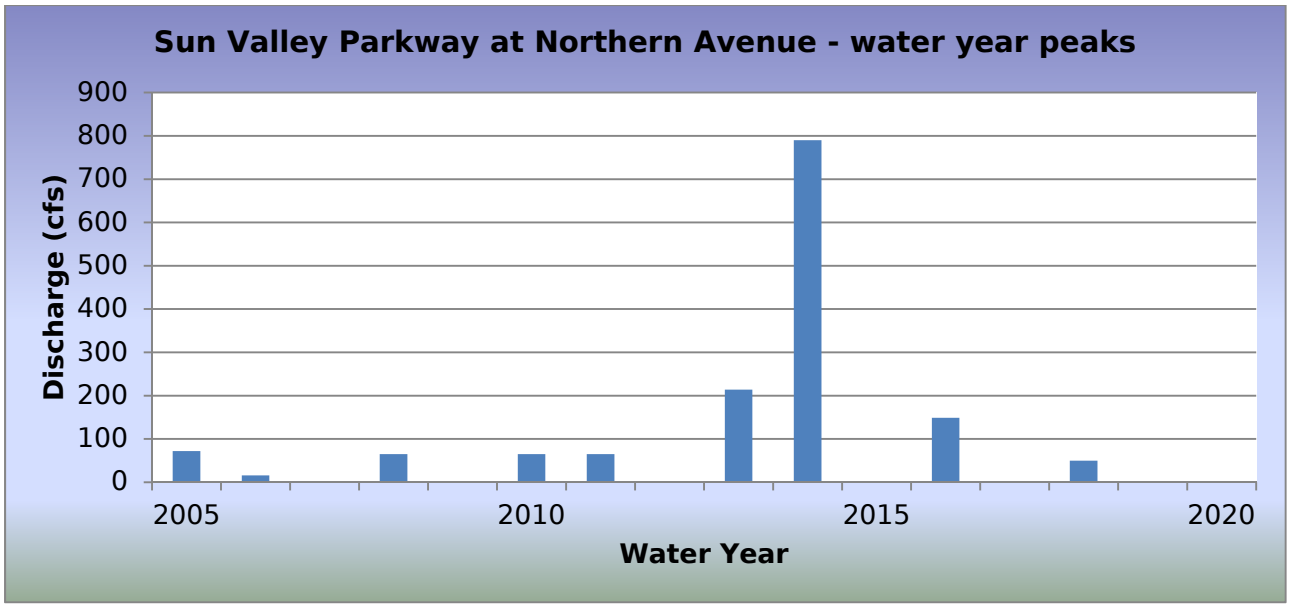


Site Data

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	13.16 Years | 4,808 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	1,394.57 feet NAVD88
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	214 cfs | 0.90 feet | 09/10/2013

Watershed Map

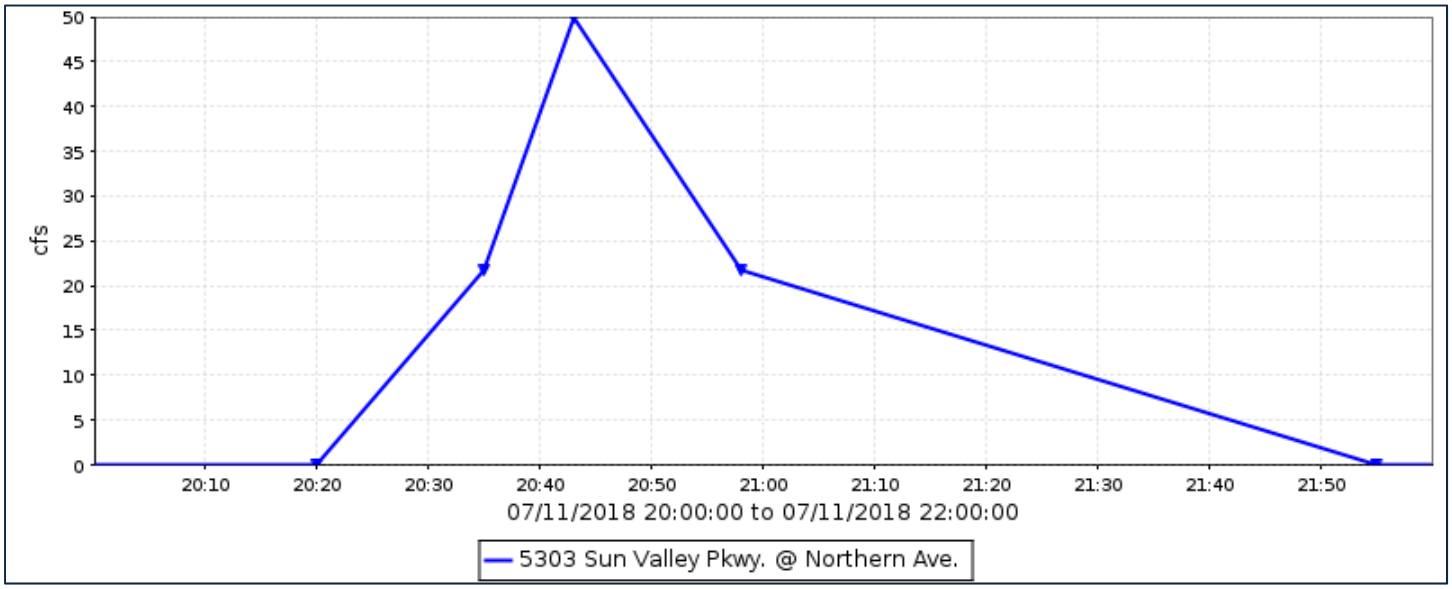




WY2018 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
07/11/2018	0.39	50

Hydrograph of peak WY 2018 flow event



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 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11										2		
12												
13												
14												
15												
16												
17									1			
18								3	1			
19									1			
20												
21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	0	0	0	0	4	3	2	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	0	0	0	0	63	3	50	1	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	0	8	6	3	1	0

WTR YR 2018 TOTAL 9 MEAN 0 MAX 63 MIN 0 AC_FT 18

Sunnycove FRS, ID #5248

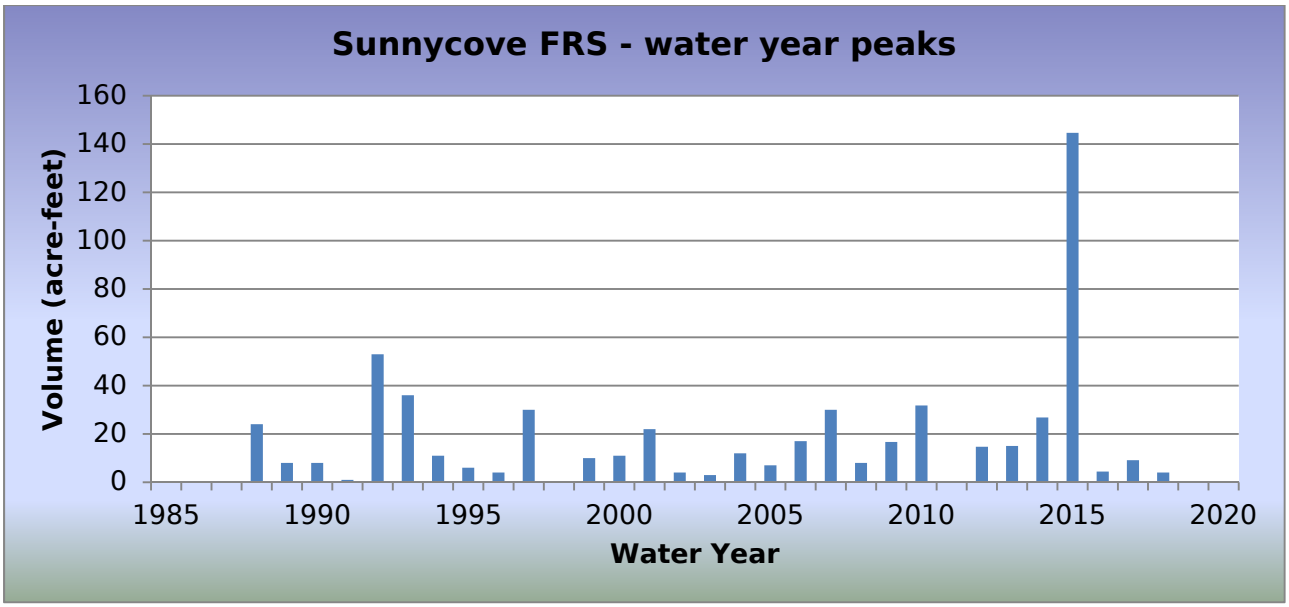


Site Data

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	29.79 Years | 10,881 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

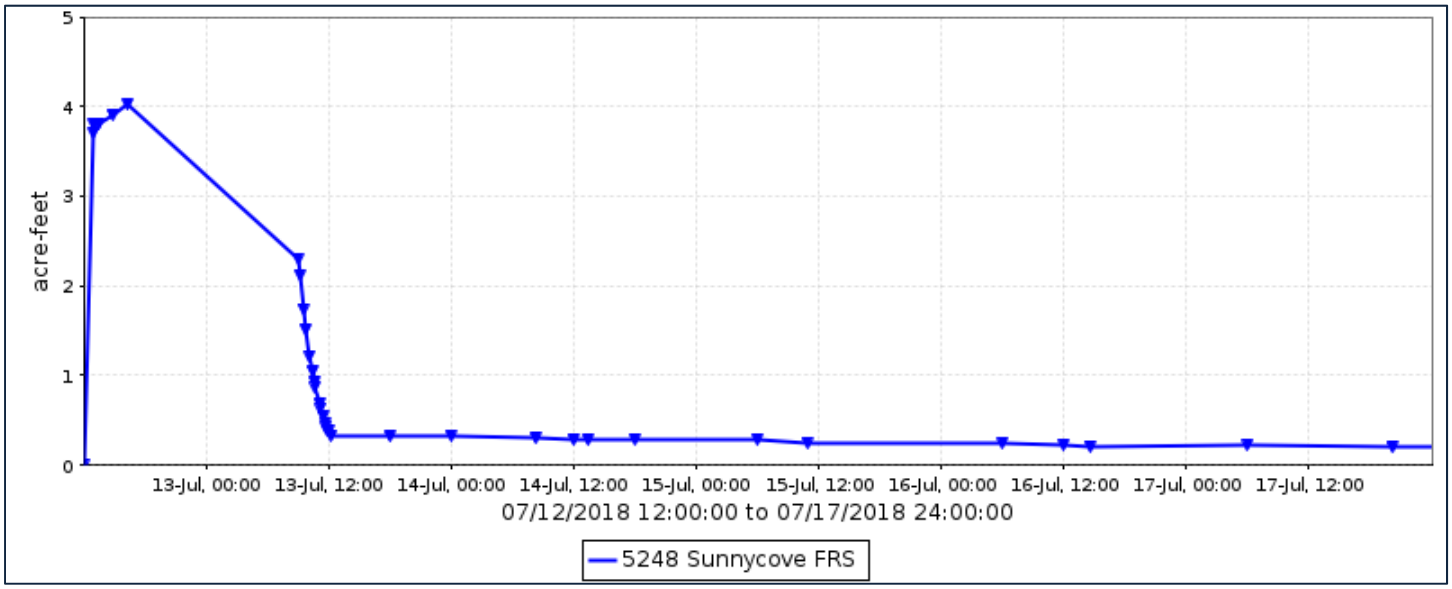




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
07/12/2018	7.92	4.0	1.9
07/28/2018	1.47	0.2	0.0
08/16/2018	2.01	0.2	0.1
08/25/2018	1.66	0.2	0.1

Hydrograph of peak WY 2018 impoundment event, 07/12/2018



Sunnycove FRS, runoff data

Discharge, in cub, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18										---		
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
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 2018 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

Sunnycove FRS, volume data

Volume, in acre-feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12										2		
13										2		
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	4	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 2018 MEAN 0 MAX 4 MIN 0

Sunnycove FRS, stage data

Depth, in feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.9
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.7
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.3
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	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	3.6	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.8	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.8	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	1.8	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	1.8	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.6	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	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	0.5	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	1.4	0.0
29	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	1.4	1.4	0.0
30	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	1.2	1.2	0.0
31	0.0	---	0.0	0.0	---	0.0	---	0.0	---	1.1	1.1	---
MEAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.8	0.1
MAX	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.9	2.0	1.2
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 2018 MEAN 0.14 MAX 7.92 MIN 0.00

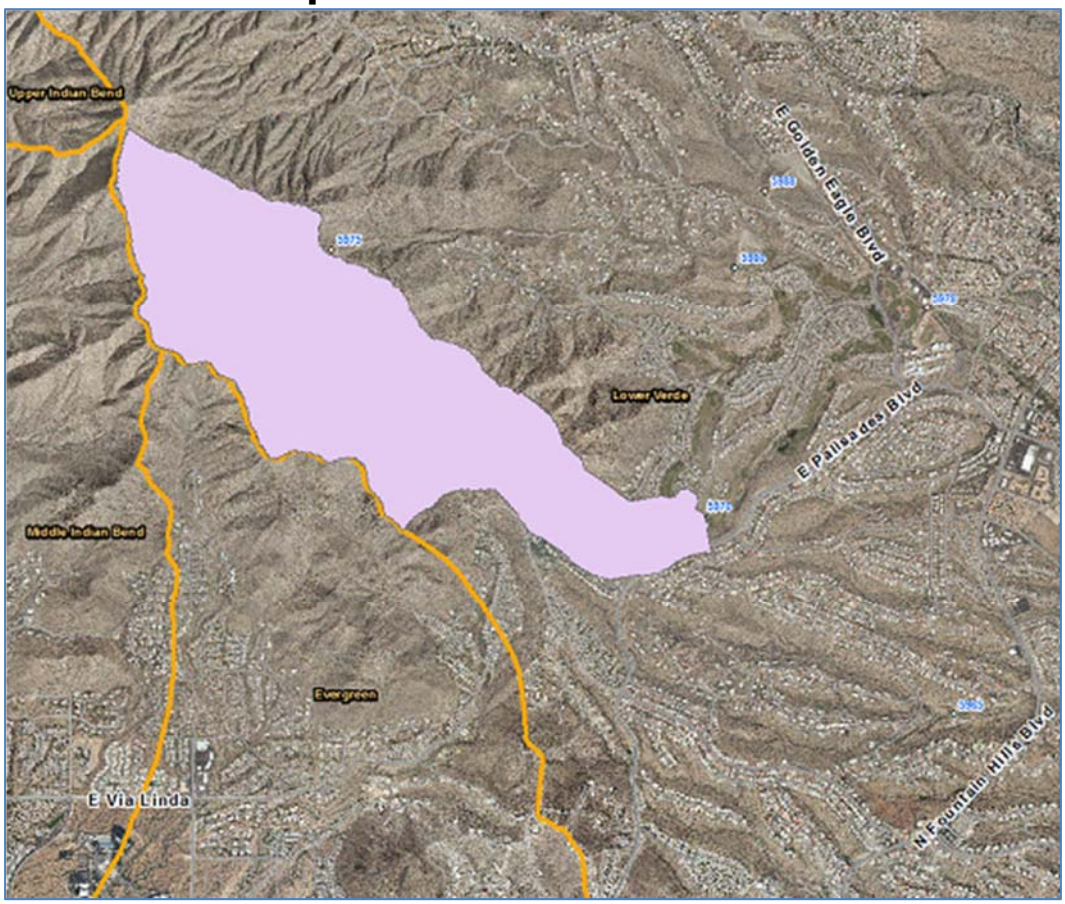
Sunridge Canyon Dam, ID #5973

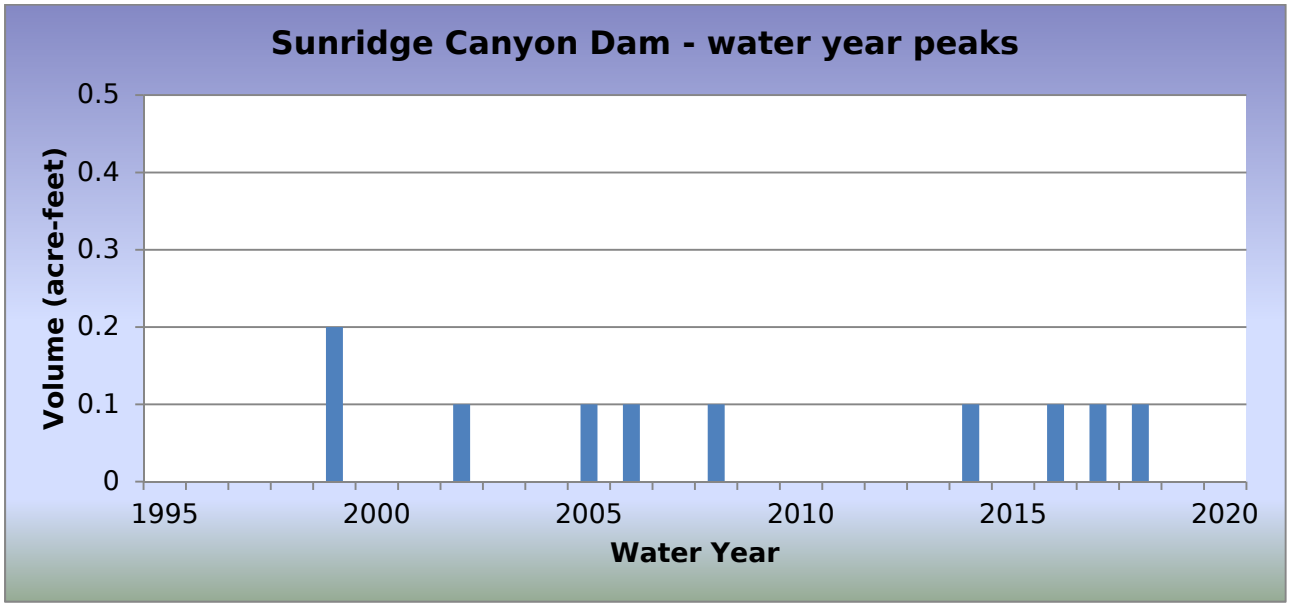


Site Data

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	21.65 Years | 7,909 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	1.36 feet Gage Height
STAFF GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,886.90 feet NAVD88
POINT OF ZERO FLOW	0.00 feet Gage Height
SPILLWAY CREST ELEVATION	40.1 feet Gage Height
TOP OF DAM ELEVATION	47.0 feet Gage Height

Watershed Map

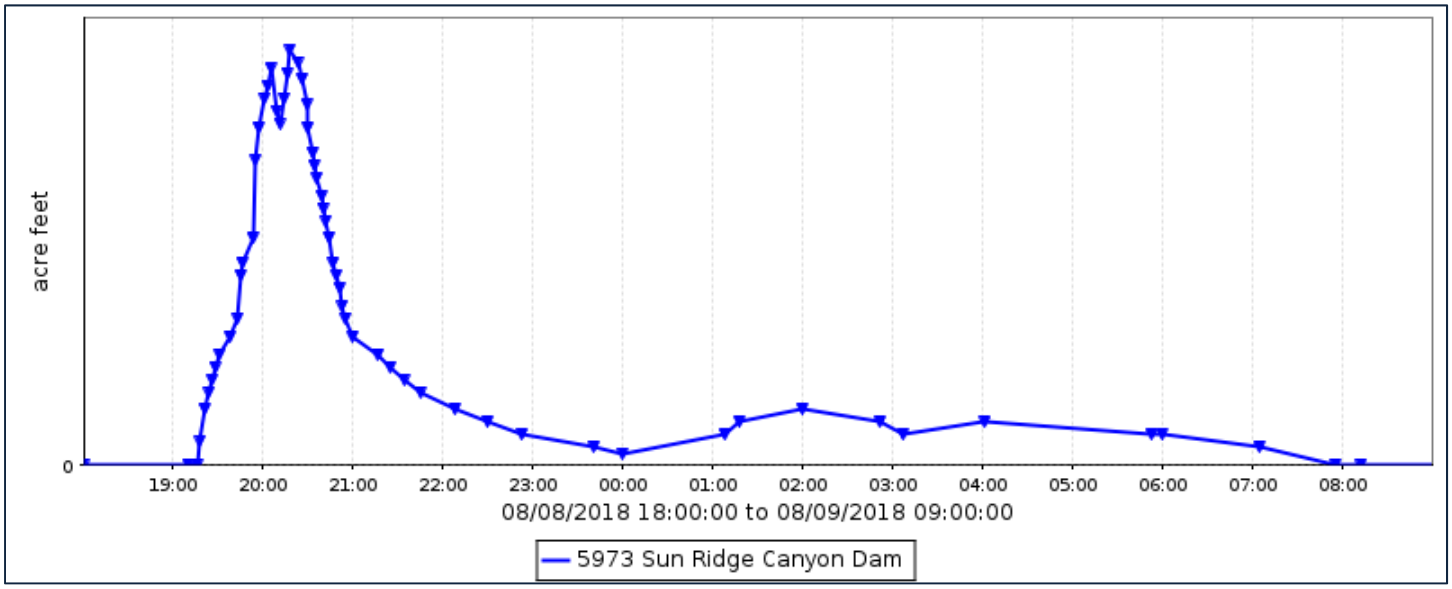




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
07/09/2018	2.15	0.0	0.0
07/14/2018	2.00	0.0	0.0
07/30/2018	2.34	0.0	0.0
08/08/2018	4.69	0.1	0.1
08/10/2018	4.20	0.1	0.1

Hydrograph of peak WY 2018 impoundment event, 08/08/2018



Sunridge Canyon Dam, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												---
2												---
3												
4												
5												
6												
7												
8											7	
9										9	8	
10										12	4	
11											11	
12												
13												
14										1		
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---					6		
31		---			---		---		---	7		---
TOTAL	0	0	0	0	0	0	0	0	0	35	30	0
MEAN	0	0	0	0	0	0	0	0	0	1	1	0
MAX	0	0	0	0	0	0	0	0	0	35	85	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	70	59	0

WTR YR 2018 TOTAL 65 MEAN 0 MAX 85 MIN 0 AC_FT 129

Sunridge Canyon Dam, volume data

Volume, in acre feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												---
2												---
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
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18												
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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 2018 MEAN 0 MAX 0 MIN 0

Sunridge Canyon Dam, stage data

Depth, in feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	---
2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	---
3	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
4	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
5	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
6	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
7	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
8	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.4	1.2
9	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.4	1.3	1.2
10	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.5	1.3	1.2
11	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.5	1.2
12	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
13	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
14	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
15	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
16	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
17	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
18	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
19	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
20	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
21	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
22	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
23	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
24	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
25	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
26	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
27	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
28	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
29	1.2	1.2	1.2	1.2	---	1.2	1.2	1.2	1.2	1.2	1.2	1.2
30	1.2	1.2	1.2	1.2	---	1.2	1.2	1.2	1.2	1.4	1.2	1.2
31	1.2	---	1.2	1.2	---	1.2	---	1.2	---	1.4	1.2	---
MEAN	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
MAX	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	2.3	4.7	1.2
MIN	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2

WTR YR 2018 MEAN 1.20 MAX 4.69 MIN 1.20

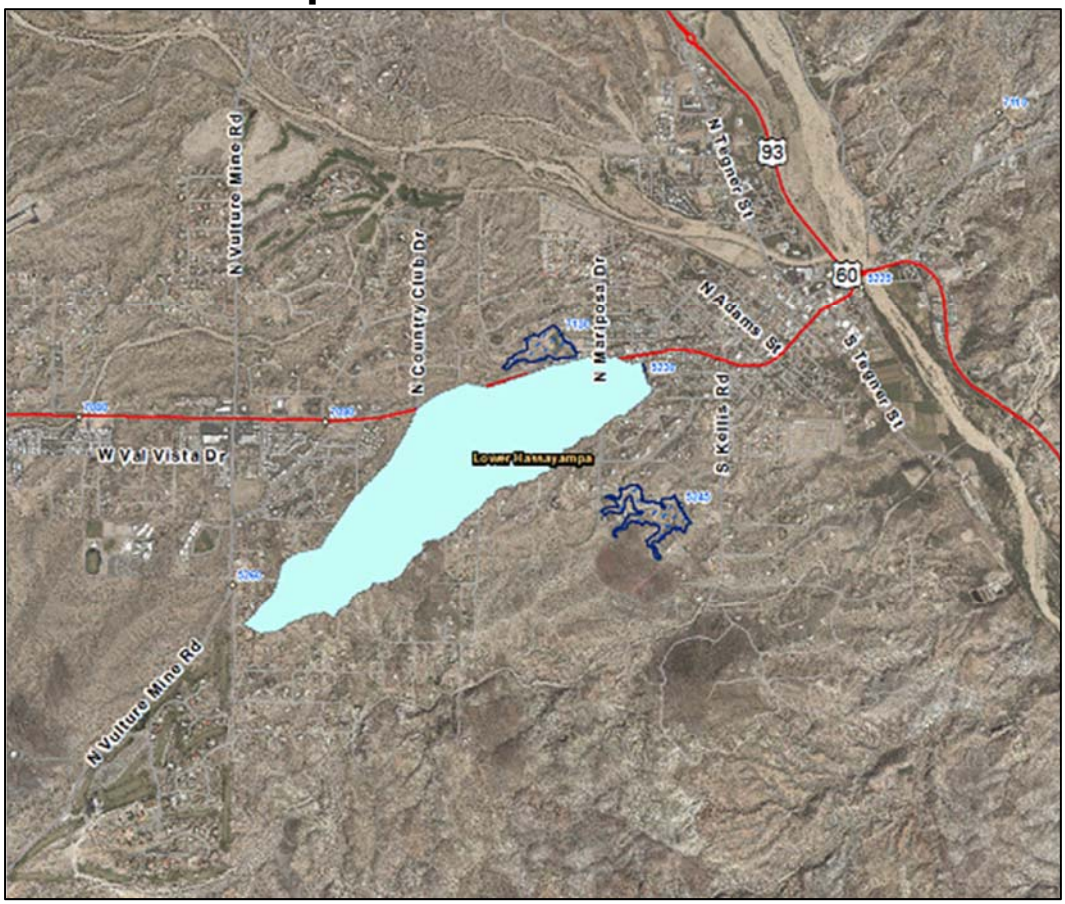
Sunset FRS, ID #5233

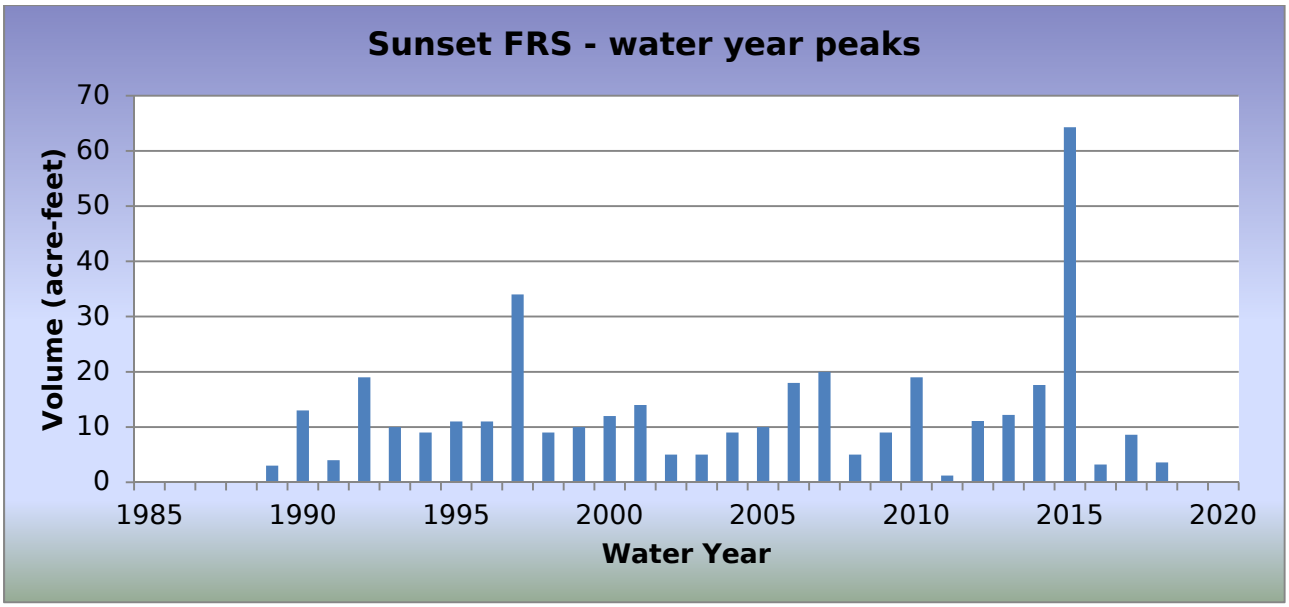


Site Data

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	29.63 Years | 10,823 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

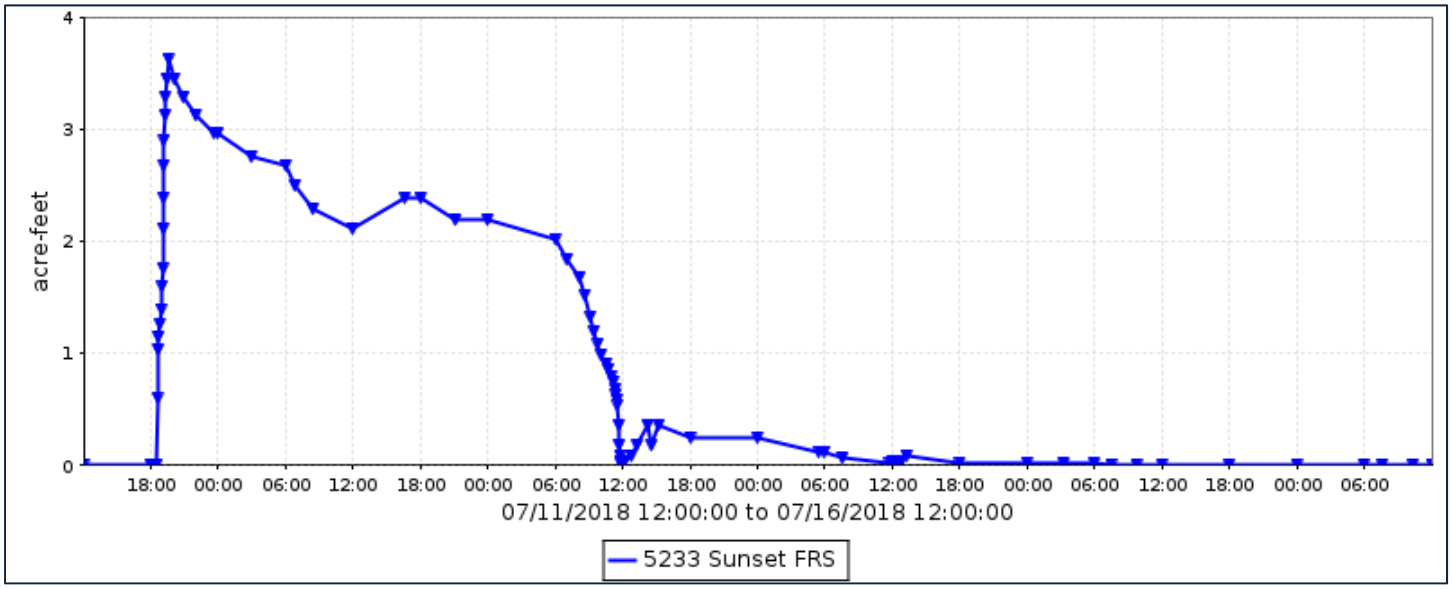




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
01/10/2018	2.89	0.2	0.6
07/11/2018	5.63	3.6	4.7
07/28/2018	2.74	0.1	0.2
08/16/2018	4.11	1.1	1.5
08/25/2018	3.48	0.7	0.8

Hydrograph of peak WY 2018 impoundment event, 07/11/2018



Sunset FRS, runoff data

Discharge, in cub, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9				---								
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
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 2018 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

Sunset FRS, volume data

Volume, in acre-feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9				---								
10												
11										1		
12										2		
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	4	1	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 2018 MEAN 0 MAX 4 MIN 0

Sunset FRS, stage data

Depth, in feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1.1	0.3
2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.8	0.1
3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.4	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
10	0.1	0.1	0.1	2.7	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
11	0.1	0.1	0.1	2.4	0.1	0.1	0.1	0.1	0.1	1.3	0.1	0.1
12	0.1	0.1	0.1	2.0	0.1	0.1	0.1	0.1	0.1	4.9	0.1	0.1
13	0.1	0.1	0.1	1.8	0.1	0.1	0.1	0.1	0.1	3.7	0.1	0.1
14	0.1	0.1	0.1	1.5	0.1	0.1	0.1	0.1	0.1	2.7	0.1	0.1
15	0.1	0.1	0.1	1.3	0.1	0.1	0.1	0.1	0.1	2.3	0.1	0.1
16	0.1	0.1	0.1	1.1	0.1	0.1	0.1	0.1	0.1	2.0	1.6	0.1
17	0.1	0.1	0.1	0.9	0.1	0.1	0.1	0.1	0.1	1.6	2.9	0.1
18	0.1	0.1	0.1	0.7	0.1	0.1	0.1	0.1	0.1	1.4	2.4	0.1
19	0.1	0.1	0.1	0.3	0.1	0.1	0.1	0.1	0.1	1.1	1.8	0.1
20	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.9	1.4	0.1
21	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.7	1.2	0.1
22	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.3	0.5	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	1.1	0.1
26	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	2.5	0.1
27	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	2.0	0.1
28	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.5	1.6	0.1
29	0.1	0.1	0.1	0.1	---	0.1	0.1	0.1	0.1	2.2	1.3	0.1
30	0.1	0.1	0.1	0.1	---	0.1	0.1	0.1	0.1	1.7	1.0	0.1
31	0.1	---	0.1	0.1	---	0.1	---	0.1	---	1.4	0.7	---
MEAN	0.1	0.1	0.1	0.5	0.1	0.1	0.1	0.1	0.1	1.0	0.8	0.1
MAX	0.1	0.1	0.1	2.9	0.1	0.1	0.1	0.1	0.1	5.6	4.1	0.5
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 2018 MEAN 0.27 MAX 5.63 MIN 0.10

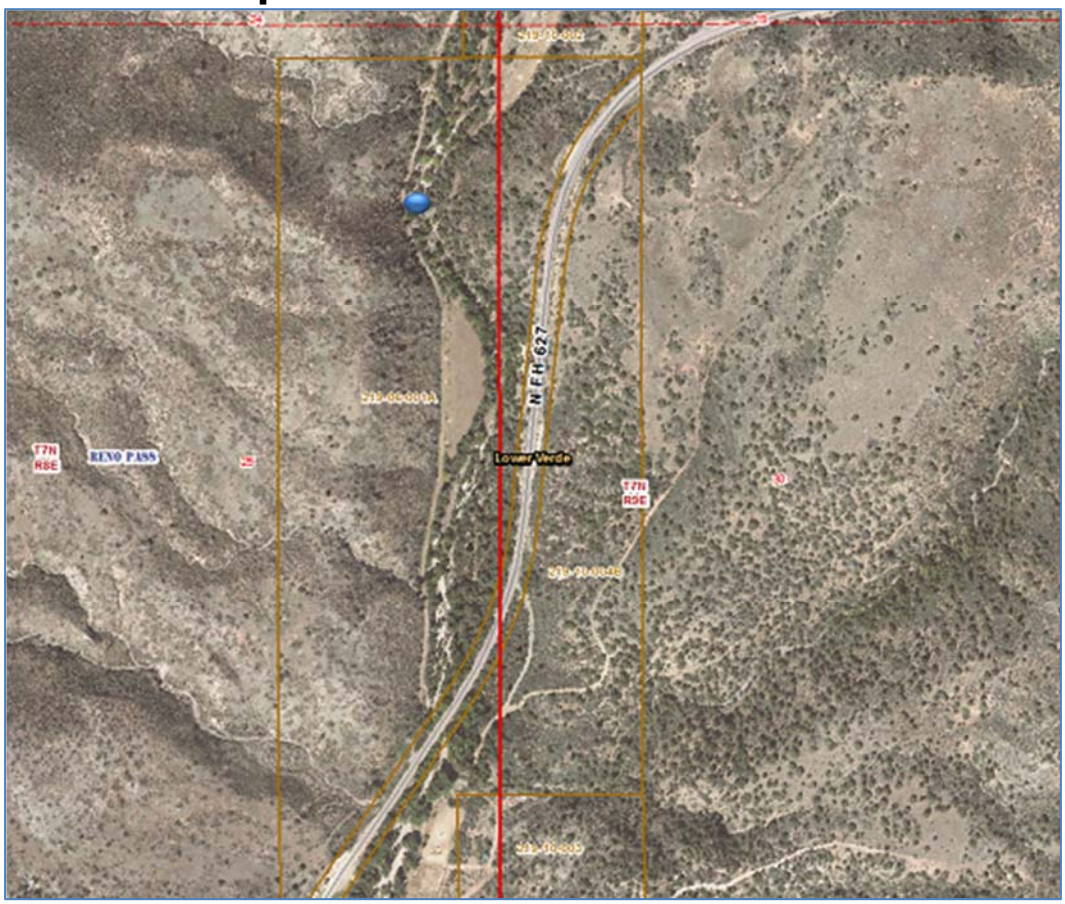
Sycamore Creek Fire, ID #5871/5873

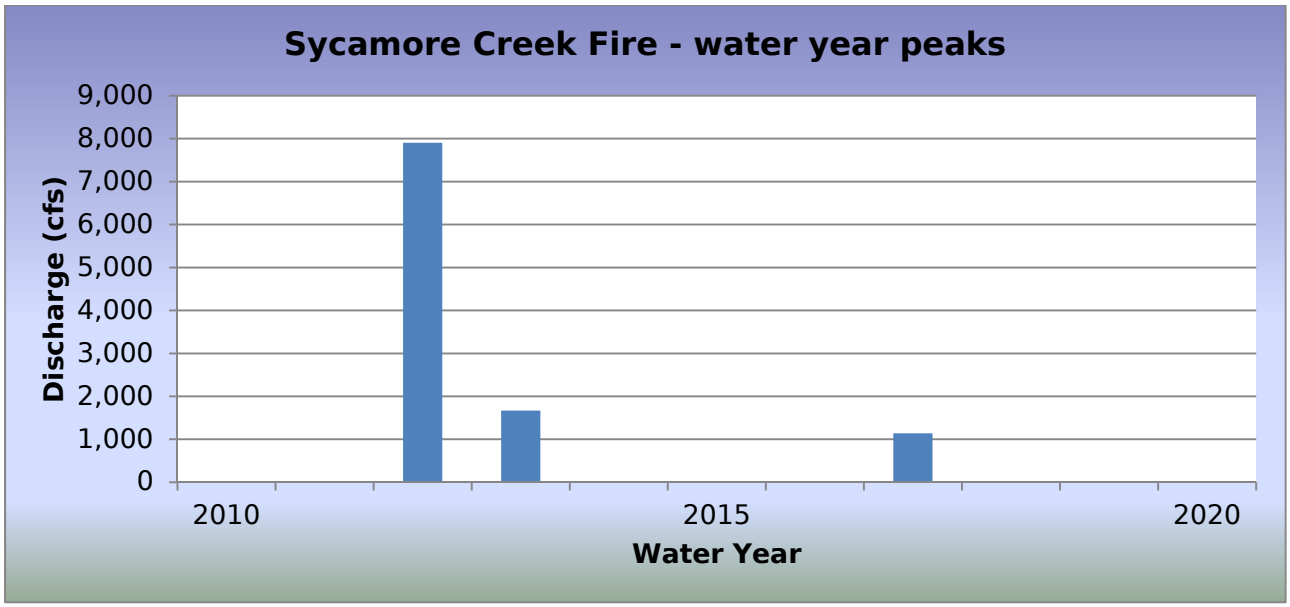


Site Data

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	6.26 Years | 2,288 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





WY2018 Events

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

Hydrograph of peak WY 2018 flow event,

No runoff recorded during Water Year 2018.

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 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
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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 2018 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

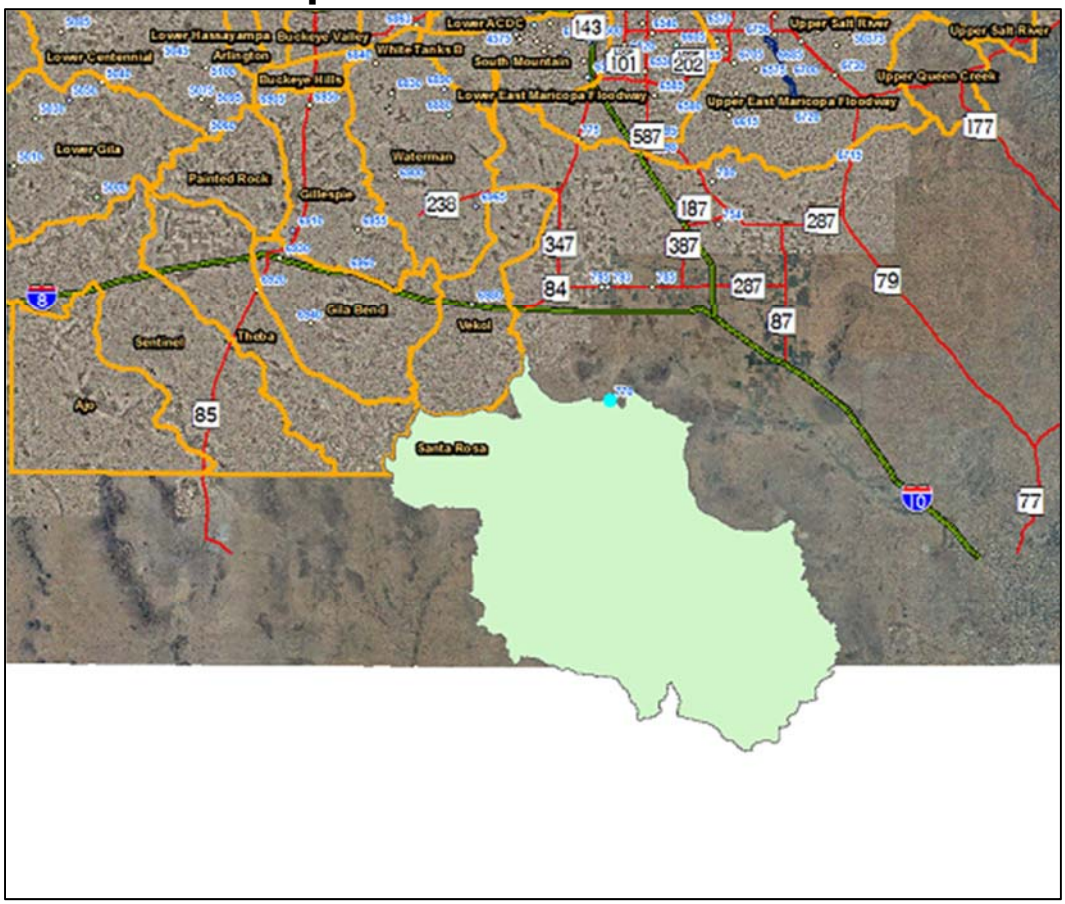
Tat Momolikot Dam, ID #0773

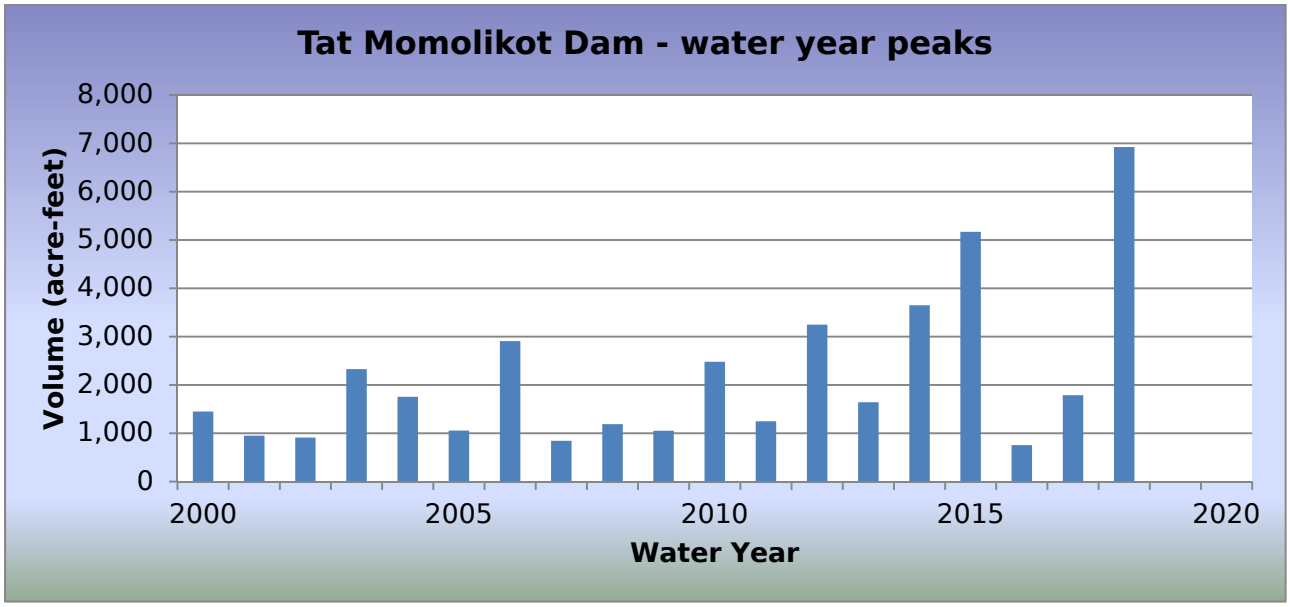


Site Data

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	18.70 Years | 6,830 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

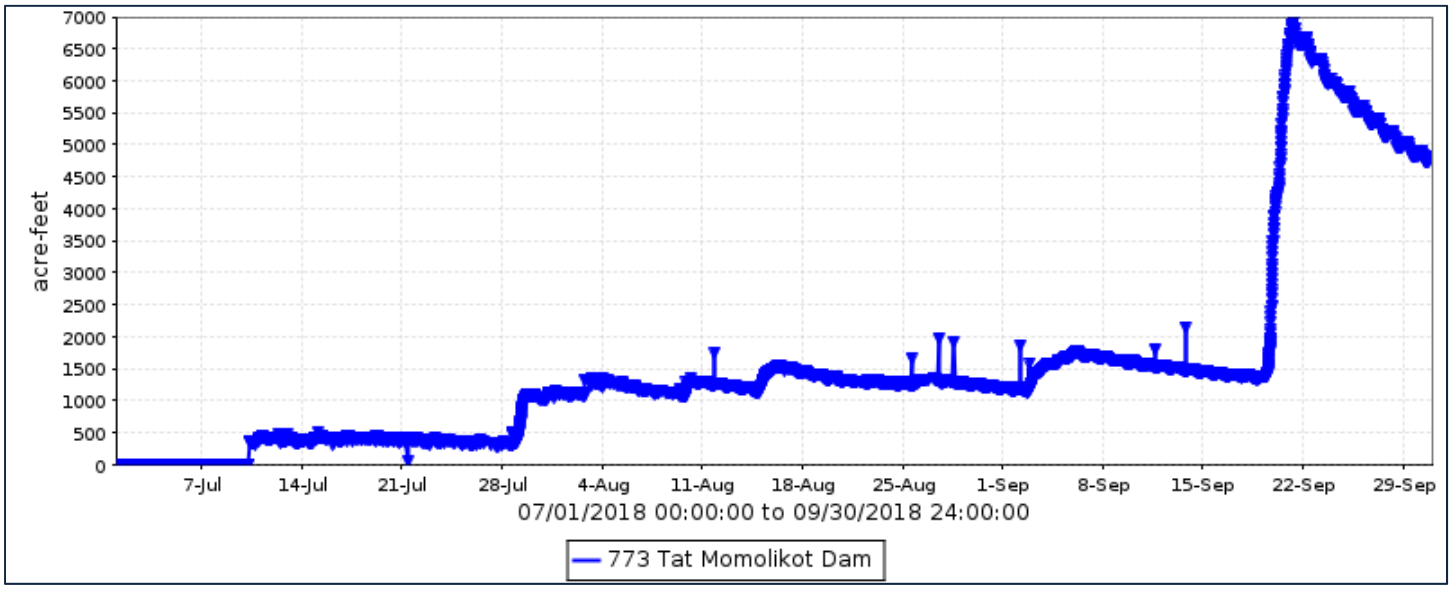




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
07/12/2018	2.57	469	0.2
08/04/2018	6.68	1,316	0.7
08/10/2018	6.82	1,345	0.7
08/16/2018	7.75	1,536	0.8
09/06/2018	8.88	1,759	0.9
09/21/2018	15.77	6,924	3.5

Hydrograph of peak WY 2018 impoundment event, Summer 2018



Tat Momolikot Dam, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
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 2018 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 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	733	529									1099	1181
2	727	531									1155	1167
3	711	524									1289	1425
4	684	517									1274	1573
5	668	514									1231	1660
6	672	517									1178	1723
7	664	514									1140	1686
8	660	503									1134	1648
9	649	497									1106	1609
10	643	495								233	1277	1572
11	625	494								405	1267	1543
12	620	500								387	1237	1516
13	617	490								366	1203	1486
14	613	488								370	1166	1463
15	604	493								416	1363	1435
16	597	483								396	1516	1405
17	583	473								405	1474	1387
18	576	469								407	1421	1367
19	569	480								394	1375	1848
20	568	485								384	1335	5097
21	576	482								386	1305	6673
22	575	466								366	1289	6482
23	572	450								361	1287	6150
24	555	453								355	1257	5870
25	539	447								345	1253	5647
26	539	442								341	1324	5443
27	540	433								322	1312	5261
28	543	420								334	1338	5090
29	537				---					822	1254	4928
30	536				---					1053	1234	4809
31	536	---			---		---		---	1085	1201	---
MEAN	607	453	0	0	0	0	0	0	0	320	1268	3005
MAX	760	558	0	0	0	0	0	0	0	1163	1959	6924
MIN	508	0	0	0	0	0	0	0	0	0	1062	1135

WTR YR 2018 MEAN 471 MAX 6924 MIN 0

Tat Momolikot Dam, stage data

Depth, in feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.9	2.9	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	5.6	6.0
2	3.8	2.9	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	5.9	6.0
3	3.7	2.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	6.5	7.2
4	3.6	2.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	6.5	7.9
5	3.5	2.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	6.3	8.4
6	3.6	2.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	6.0	8.7
7	3.5	2.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	5.8	8.5
8	3.5	2.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	5.8	8.3
9	3.4	2.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	5.7	8.1
10	3.4	2.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.6	6.5	7.9
11	3.3	2.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8	2.3	6.4	7.8
12	3.3	2.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8	2.2	6.3	7.7
13	3.3	2.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8	2.1	6.1	7.5
14	3.3	2.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8	2.1	6.0	7.4
15	3.2	2.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8	2.3	6.9	7.3
16	3.2	2.6	0.8	0.8	0.8	0.8	0.8	0.8	0.8	2.2	7.6	7.1
17	3.1	2.6	0.8	0.8	0.8	0.8	0.8	0.8	0.8	2.3	7.4	7.0
18	3.1	2.6	0.8	0.8	0.8	0.8	0.8	0.8	0.8	2.3	7.2	6.9
19	3.1	2.6	0.8	0.8	0.8	0.8	0.8	0.8	0.8	2.2	7.0	8.3
20	3.0	2.6	0.8	0.8	0.8	0.8	0.8	0.8	0.8	2.2	6.8	13.8
21	3.1	2.6	0.8	0.8	0.8	0.8	0.8	0.8	0.8	2.2	6.6	15.6
22	3.1	2.6	0.8	0.8	0.8	0.8	0.8	0.8	0.8	2.1	6.6	15.4
23	3.1	2.5	0.8	0.8	0.8	0.8	0.8	0.8	0.8	2.0	6.5	15.1
24	3.0	2.5	0.8	0.8	0.8	0.8	0.8	0.8	0.8	2.0	6.4	14.8
25	2.9	2.5	0.8	0.8	0.8	0.8	0.8	0.8	0.8	2.0	6.4	14.6
26	2.9	2.4	0.8	0.8	0.8	0.8	0.8	0.8	0.8	2.0	6.7	14.3
27	2.9	2.4	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.9	6.7	14.1
28	2.9	2.3	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.9	6.8	13.9
29	2.9	0.8	0.8	0.8	---	0.8	0.8	0.8	0.8	4.3	6.4	13.7
30	2.9	0.8	0.8	0.8	---	0.8	0.8	0.8	0.8	5.4	6.3	13.5
31	2.9	---	0.8	0.8	---	0.8	---	0.8	---	5.6	6.1	---
MEAN	3.2	2.5	0.8	0.8	0.8	0.8	0.8	0.8	0.8	2.0	6.4	10.1
MAX	4.0	3.0	0.8	0.8	0.8	0.8	0.8	0.8	0.8	5.9	9.8	15.8
MIN	2.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	5.5	5.8

WTR YR 2018 MEAN 2.50 MAX 15.77 MIN 0.81

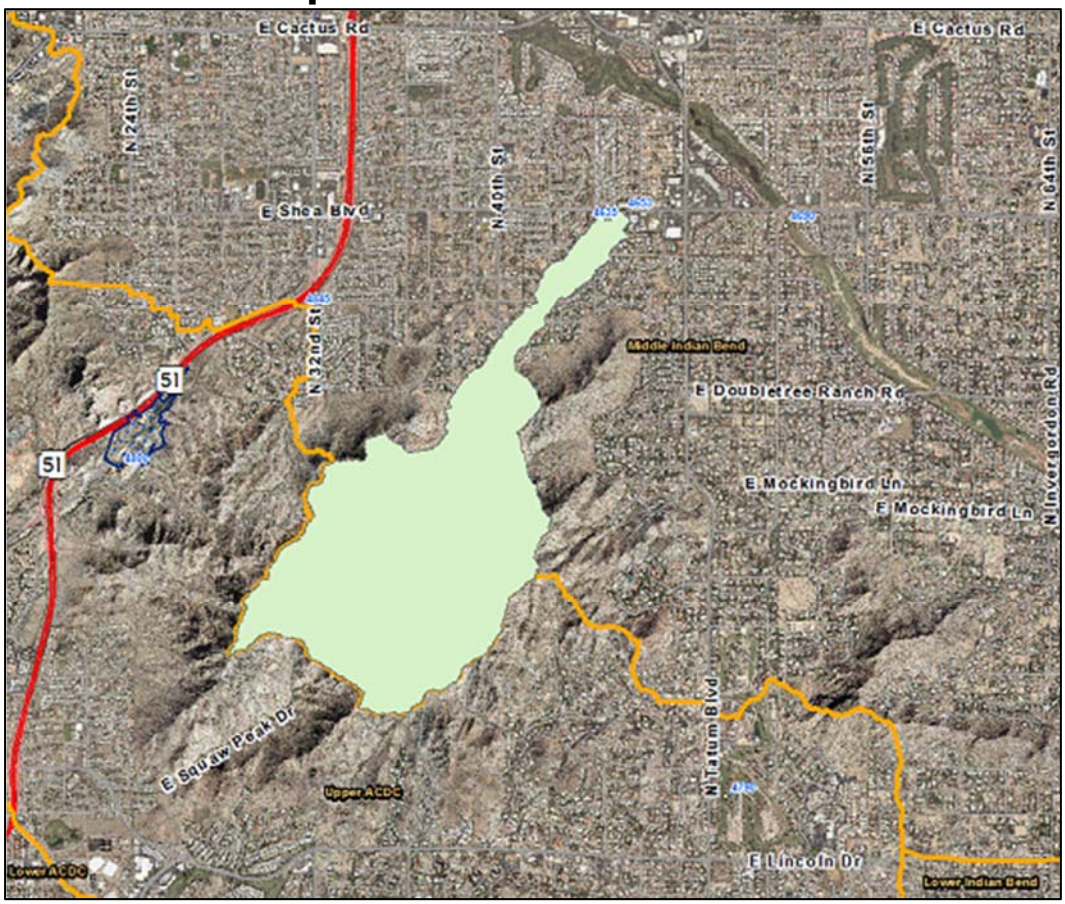
Tatum Wash Basin Inflow – ID #4638

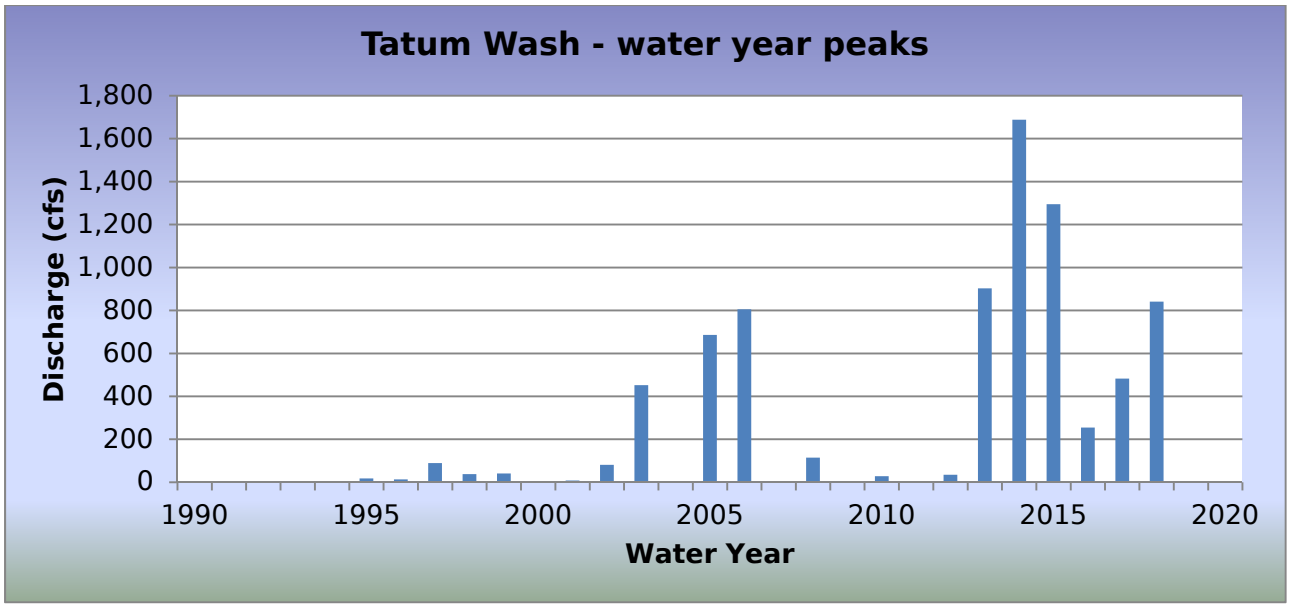


Site Data

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	24.33 Years | 8,886 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

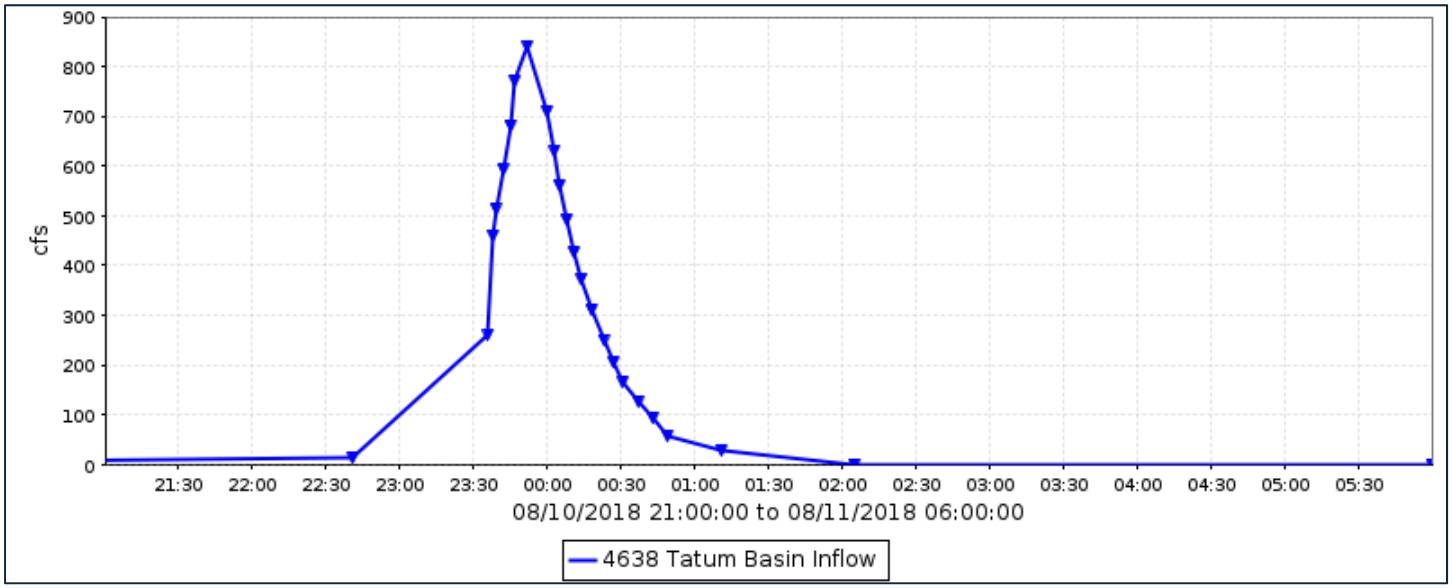




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
07/30/2018	0.83	169
08/08/2018	1.32	351
08/10/2018	2.34	841

Hydrograph of peak WY 2018 flow event, 08/10/2018



Flood Flow Frequency

Flood Flow Frequency N=25, HEC-WRC computation (based on 25 years of data)					
2-year	**5-year**	**10-year**	**20-year**	**50-year**	**100-year**
63	**454**	**1,150**	**2,360**	**5,030**	**8,080**

Tatum Basin Inflow, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8											8	
9			---									
10			---								12	
11											12	
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---					2		
31		---			---		---		---			---
TOTAL	0	0	0	1	0	0	0	0	0	2	32	0
MEAN	0	0	0	0	0	0	0	0	0	0	1	0
MAX	0	0	0	1	0	0	0	0	0	169	841	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	5	64	0

WTR YR 2018 TOTAL 35 MEAN 0 MAX 841 MIN 0 AC_FT 70

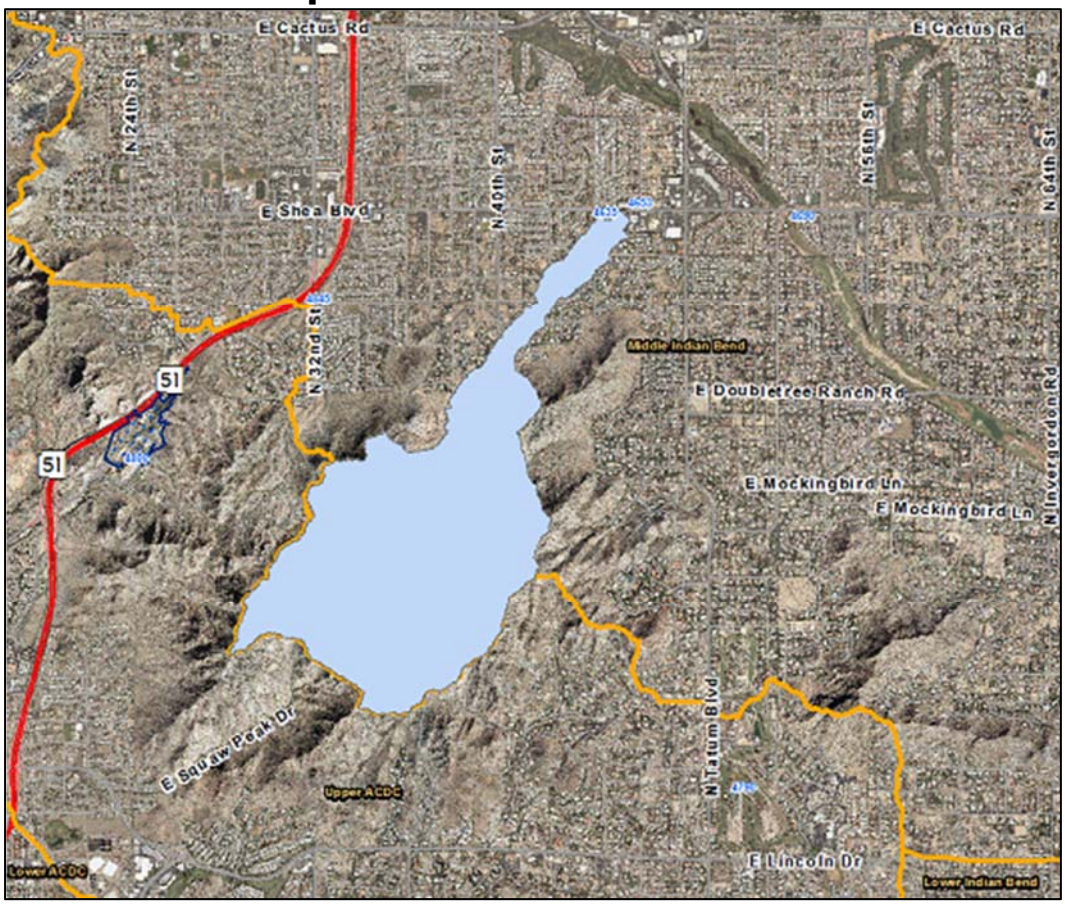
Tatum Wash Basin – ID #4653

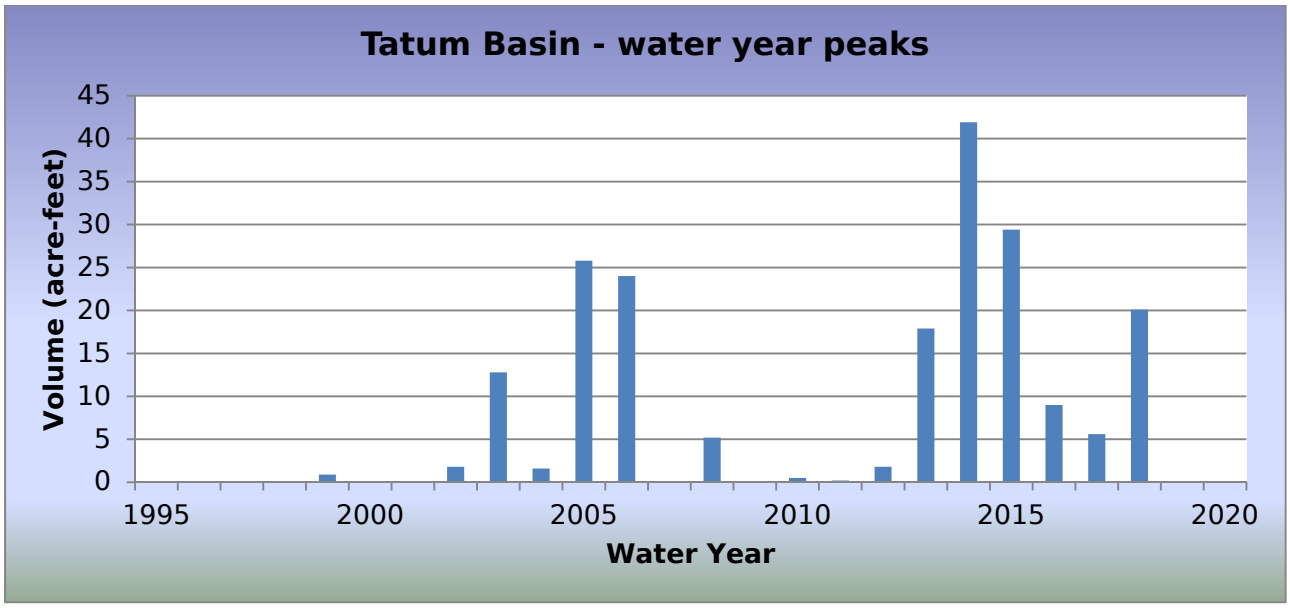


Site Data

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	20.40 Years | 7,451 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

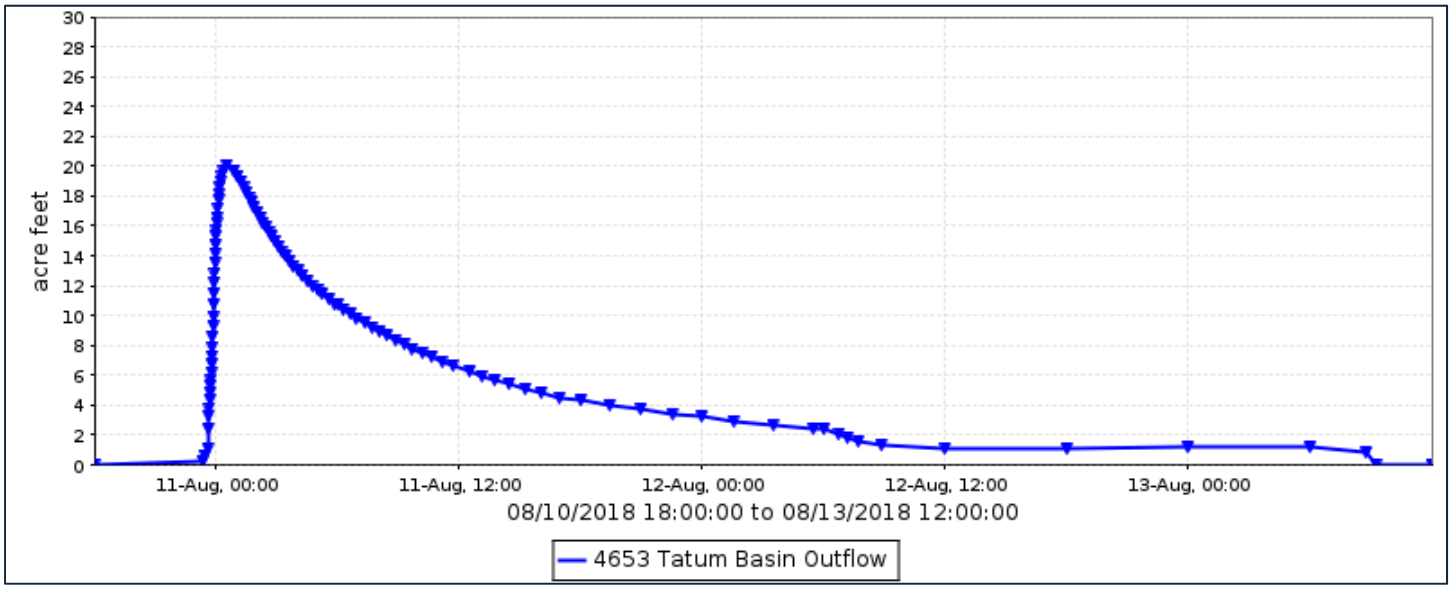




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
07/30/2018	1.74	3.9	12.1
08/08/2018	1.99	4.2	12.9
08/11/2018	8.22	20.1	61.5

Hydrograph of peak WY 2018 impoundment event, 08/11/2018



Tatum Wash Basin, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9			---									
10			---									
11											19	
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	20	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	64	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	39	0

WTR YR 2018 TOTAL 20 MEAN 0 MAX 64 MIN 0 AC_FT 39

Tatum Wash Basin, volume data

Volume, in acre feet, Water Year October 2017 to September 2018

Daily Mean Values

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

WTR YR 2018 MEAN 0 MAX 20 MIN 0

Tatum Wash Basin, stage data

Depth, in feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
4	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
6	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
7	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
8	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.3	0.1
9	0.1	0.1	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.6	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
11	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	3.6	0.1
12	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.7	0.1
13	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	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	0.1	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	0.2	0.1	0.1
31	0.1	---	0.1	0.1	---	0.1	---	0.1	---	0.6	0.1	---
MEAN	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1
MAX	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1.7	8.2	0.4
MIN	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

WTR YR 2018 MEAN 0.07 MAX 8.22 MIN 0.05

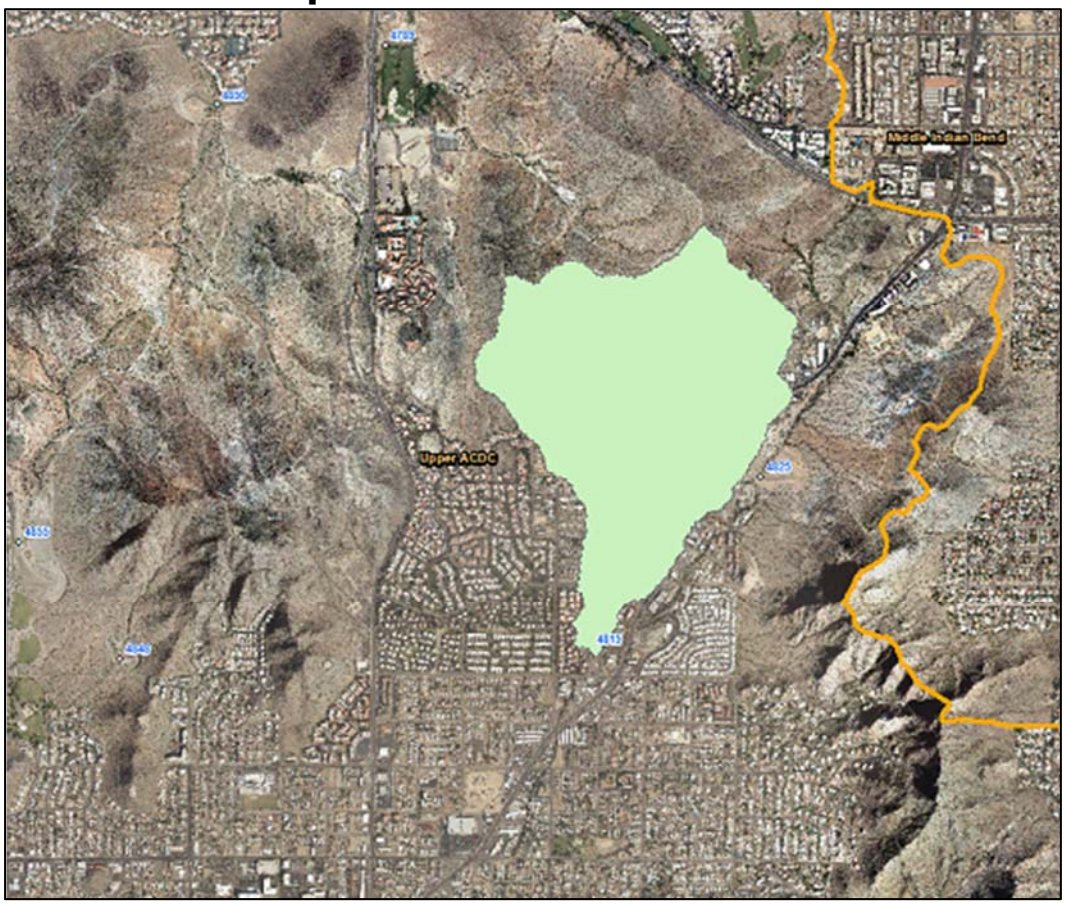
Tenth Street Wash Basin #1, ID #4818

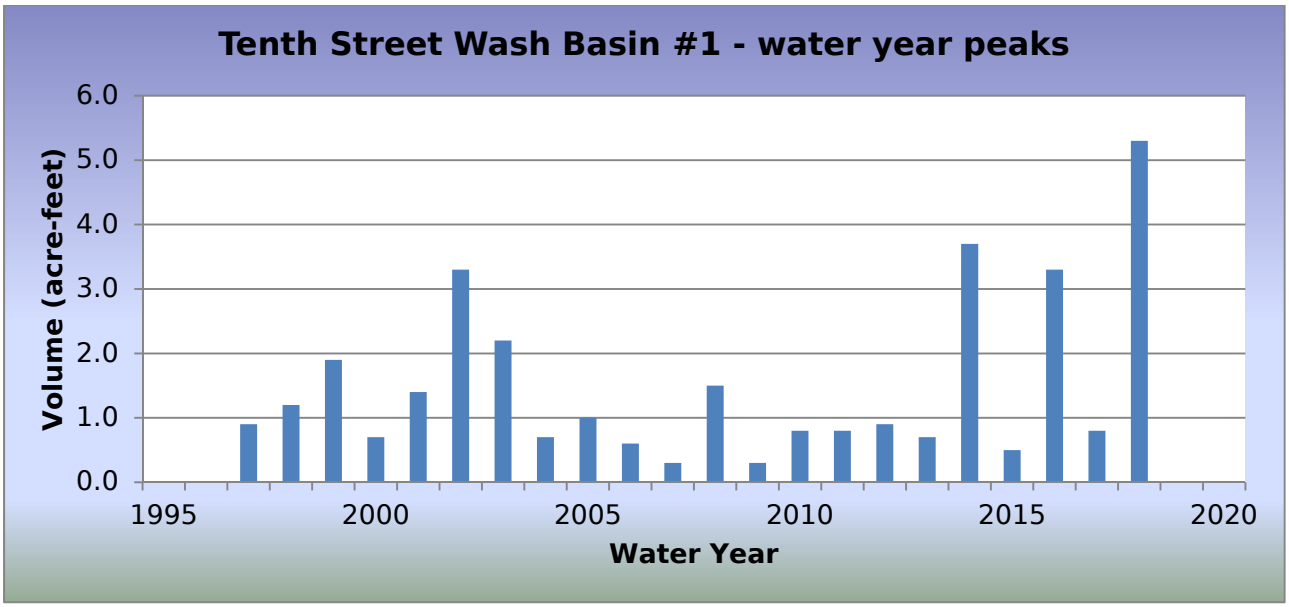


Site Data

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	21.85 Years | 7,979 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

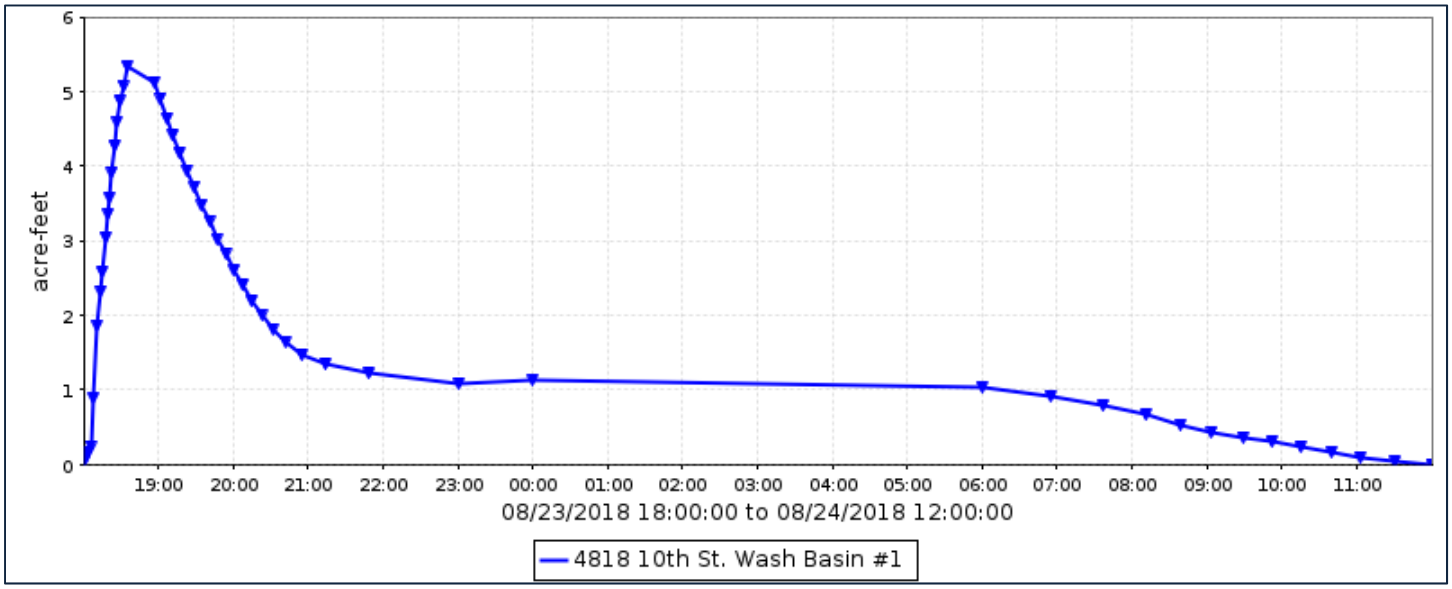




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
07/09/2018	1.12	0.4	2.2
08/08/2018	1.42	0.7	3.2
08/11/2018	1.50	0.8	3.7
08/23/2018	4.46	5.3	24.9

Hydrograph of peak WY 2018 impoundment event, 08/23/2018



Tenth Street Wash Basin #1, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

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

WTR YR 2018 TOTAL 14 MEAN 0 MAX 40 MIN 0 AC_FT 27

Tenth Street Wash Basin #1, volume data

Volume, in acre-feet, Water Year October 2017 to September 2018

Daily Mean Values

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

WTR YR 2018 MEAN 0 MAX 5 MIN 0

Tenth Street Wash Basin #1, stage data

Depth, in feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
5	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
6	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
7	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
8	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.5	0.3
9	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	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	0.5	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	0.9	0.3
24	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.9	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	0.4	0.3
MAX	0.3	0.3	0.3	0.7	0.3	0.3	0.3	0.3	0.3	1.1	4.5	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 2018 MEAN 0.33 MAX 4.46 MIN 0.33

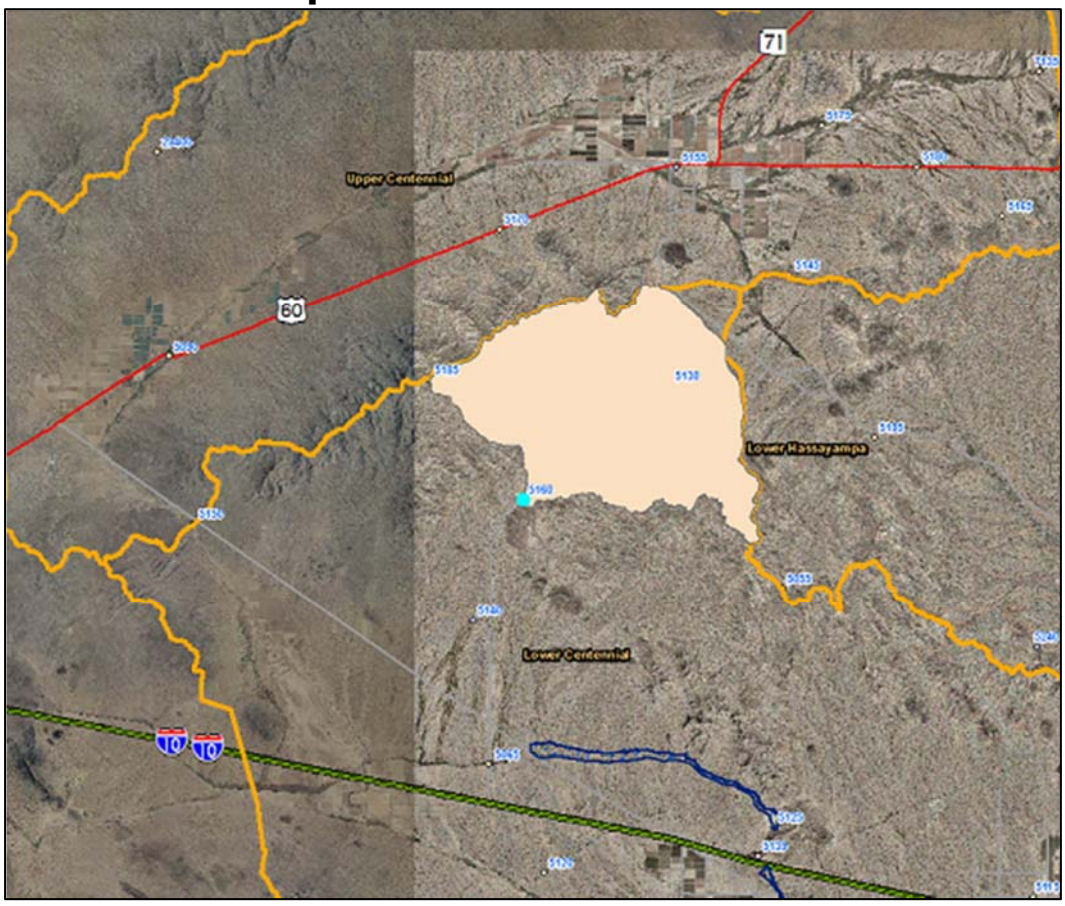
Tiger Wash, ID #5163

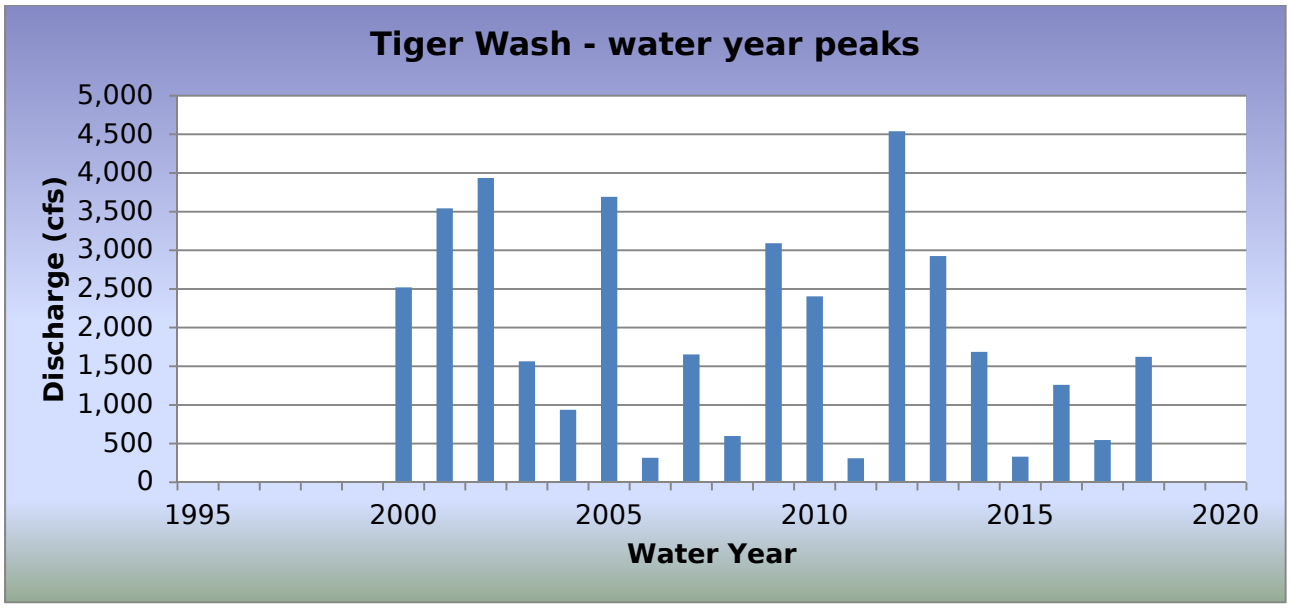


Site Data

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	19.04 Years | 6,956 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

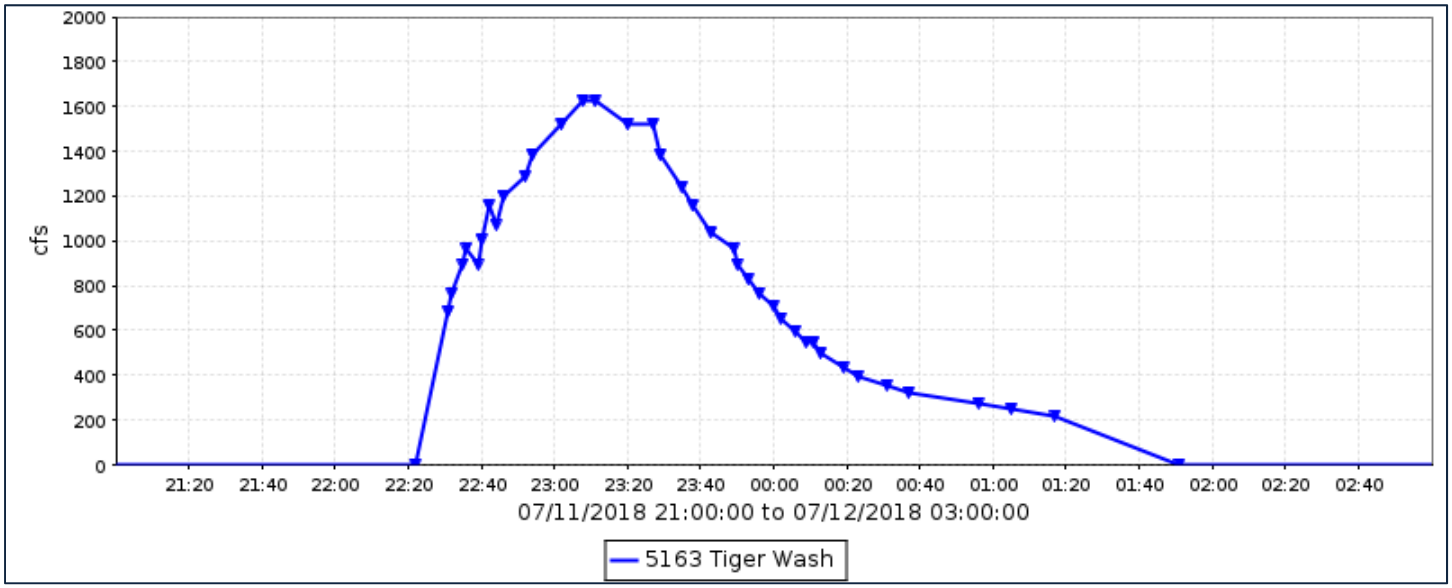




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
07/11/2018	7.22	1,622
07/28/2018	6.93	1,333
08/14/2018	6.19	765

Hydrograph of peak WY 2018 flow event, 07/11/2018



Flood Flow Frequency

Flood Flow Frequency N=46, HEC-WRC computation (based on 46 years of data)					
2-year	**5-year**	**10-year**	**20-year**	**50-year**	**100-year**
1,110	**2,870**	**4,430**	**6,150**	**8,600**	**10,600**

NOTE: These results are based on limited data.

Tiger Wash, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												---
11								---		77		---
12								---		26		
13								---				
14											28	
15											4	
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28										68		
29					---					43		
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	0	0	0	0	0	0	213	33	0
MEAN	0	0	0	0	0	0	0	0	0	7	1	0
MAX	0	0	0	0	0	0	0	0	0	1622	765	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	422	65	0

WTR YR 2018 TOTAL 245 MEAN 1 MAX 1622 MIN 0 AC_FT 486

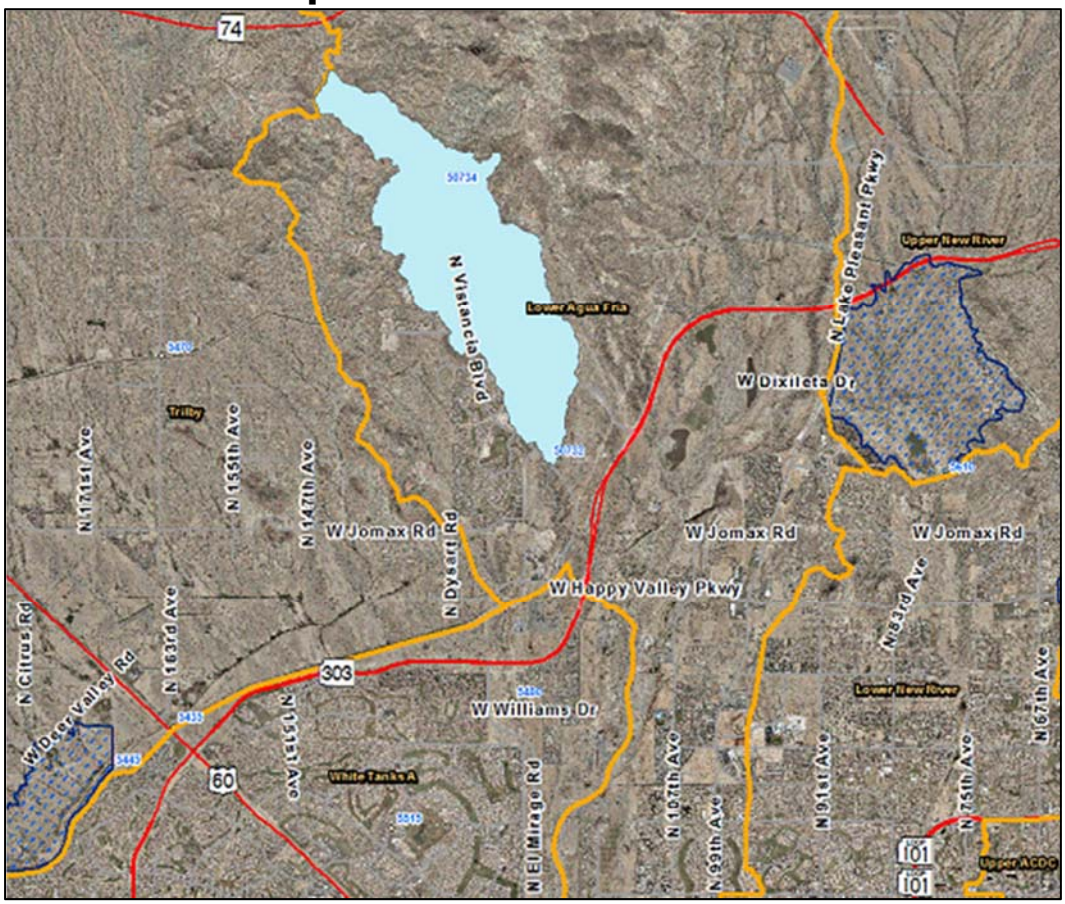
Twin Buttes Wash, ID #73207

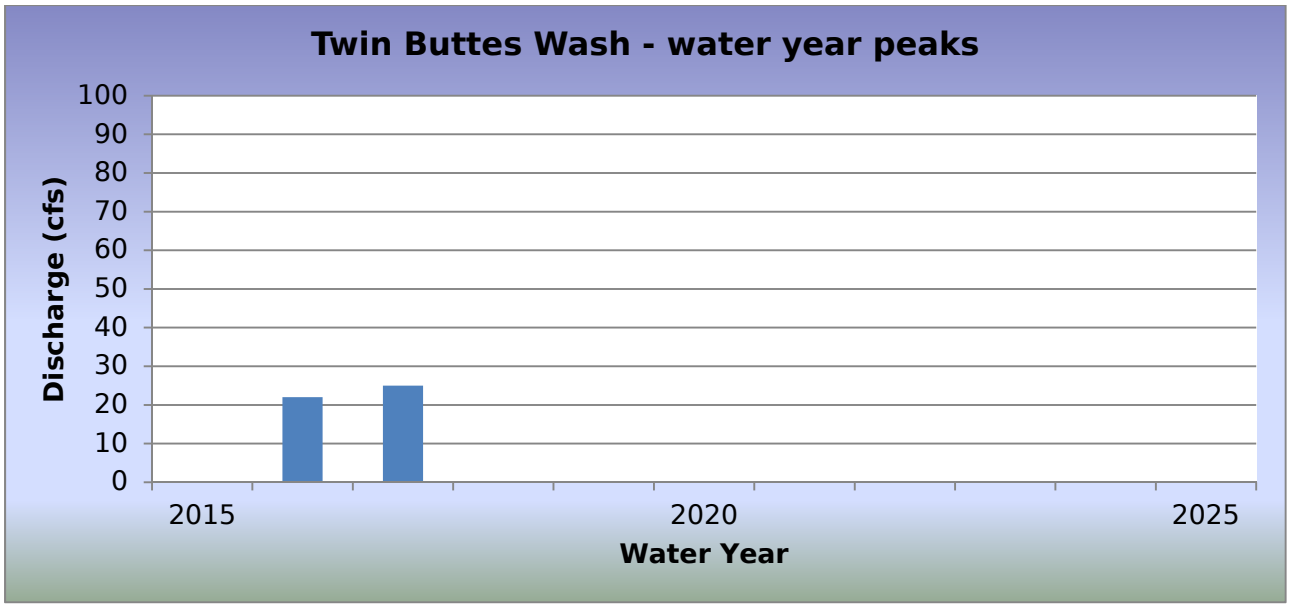


Site Data

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	2.81 Years | 1,027 Days
DATA GAPS IN POR	None
STAGE GAGE ELEVATION	0.75 feet Gage Height
STAFF GAGES	None
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	1,346.36 feet NAVD88
POINT OF ZERO FLOW	0.2 feet Gage Height
EXTREME FOR PERIOD OF RECORD	714 cfs | 3.93 feet Gage Height | 08/12/2018

Watershed Map

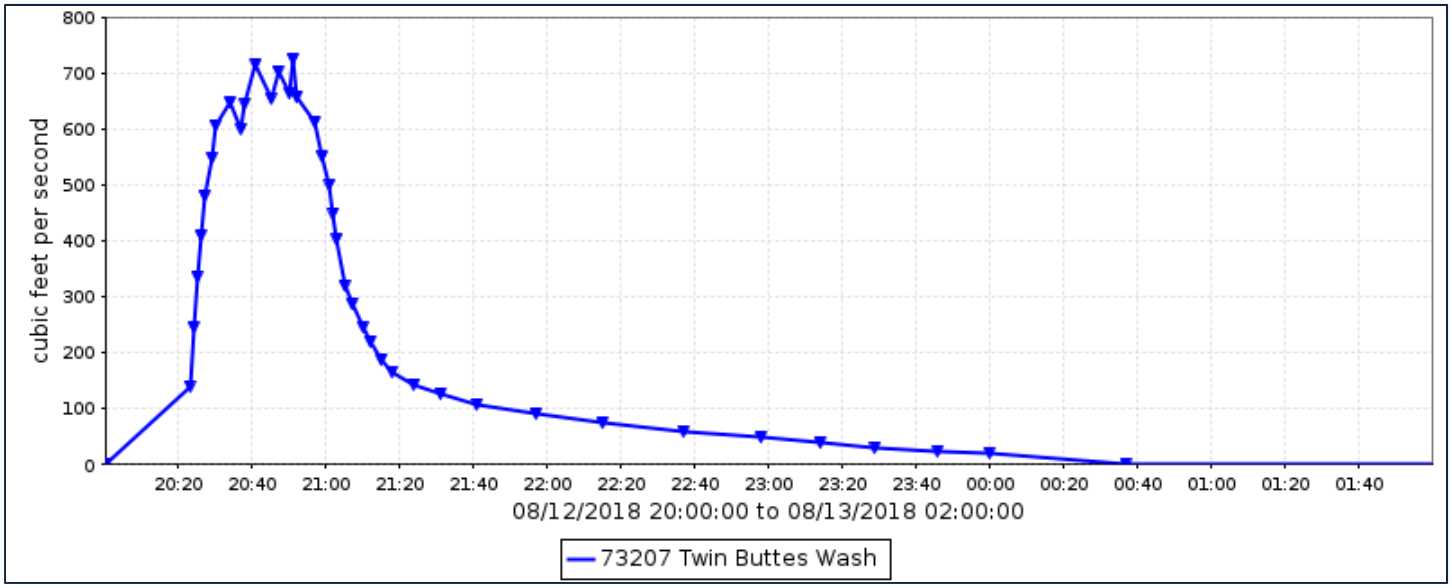




WY2018 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
07/11/2018	1.54	79
08/02/2018	1.19	38
08/09/2018	1.65	99
08/12/2018	3.93	714

Hydrograph of peak WY 2018 flow event, 08/12/2018



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 cub, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2											1	
3												
4												
5												
6												
7												
8												
9											5	
10												
11										4		
12											27	
13											1	
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	4	34	0
MEAN	0	0	0	0	0	0	0	0	0	0	1	0
MAX	0	0	0	0	0	0	0	0	0	79	723	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	8	68	0

WTR YR 2018 TOTAL 38 MEAN 0 MAX 723 MIN 0 AC_FT 76

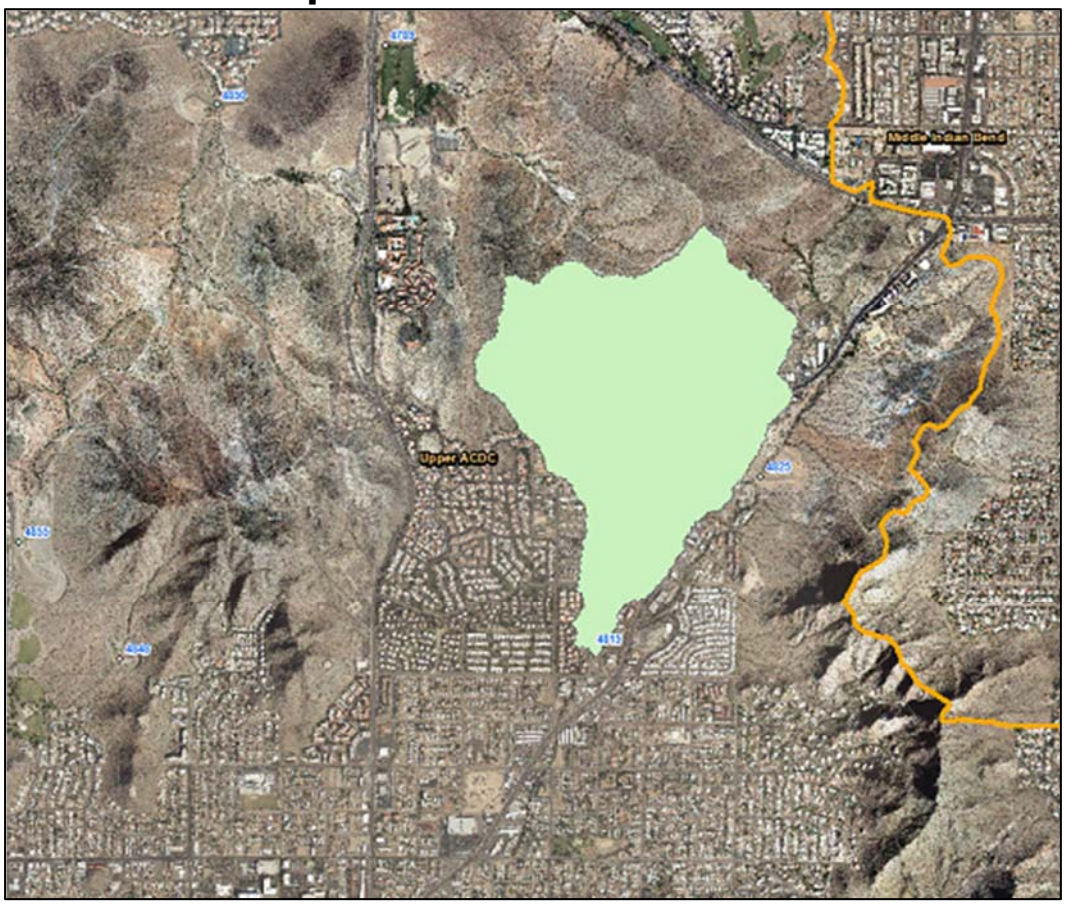
University Drive at 62nd Street Basin, ID #34607

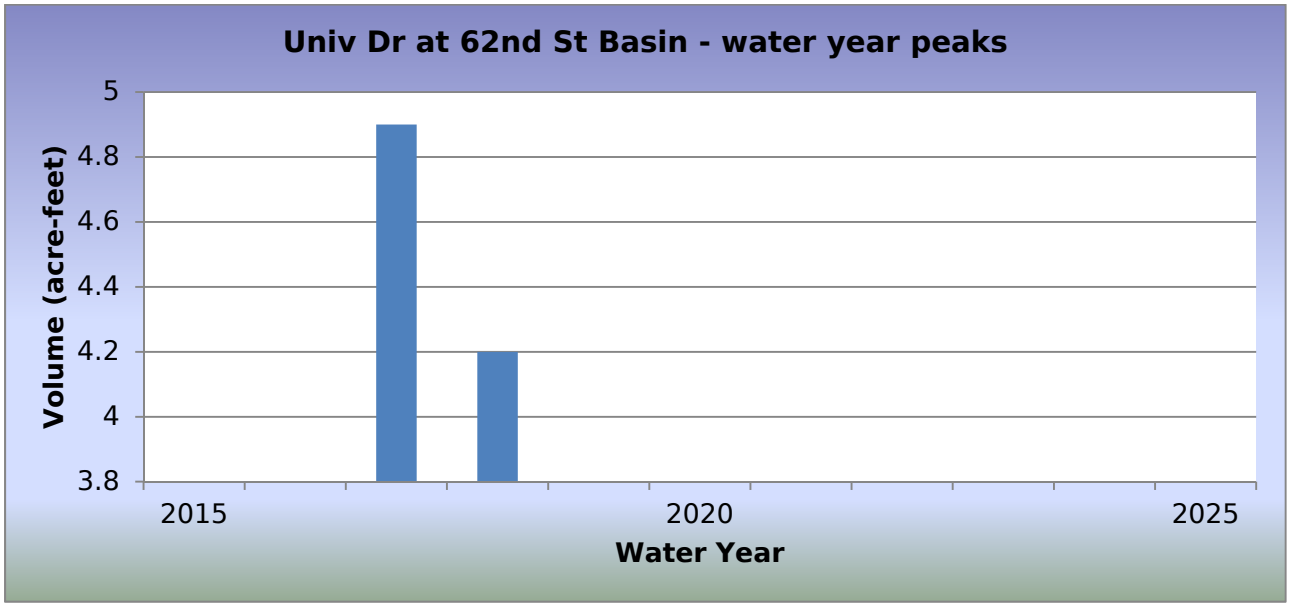


Site Data

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	1.77 Years | 648 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

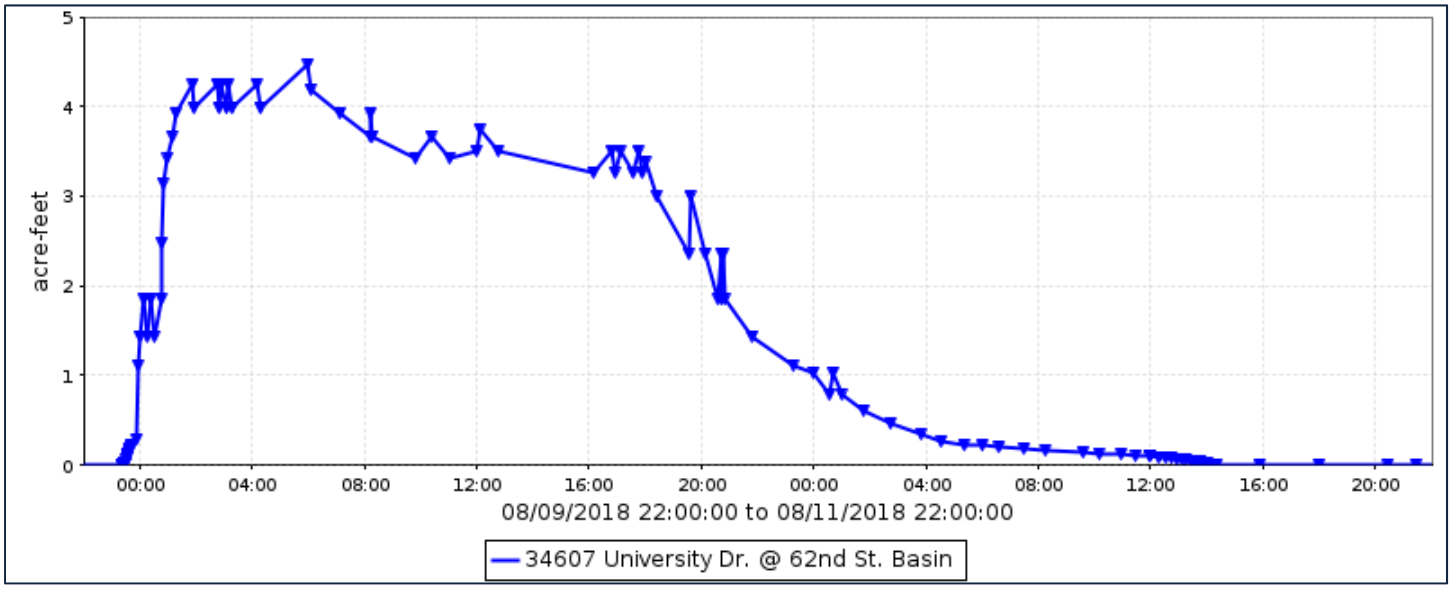




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
01/10/2018	3.17	0.1	0.5
07/09/2018	4.74	1.7	8.2
07/30/2018	1.85	0.0	0.0
08/07/2018	1.30	0.0	0.0
08/10/2018	5.41	4.2	17.2
08/14/2018	0.98	0.0	0.0

Hydrograph of peak WY 2018 impoundment event, 08/10/2018



University Drive at 62nd Street Basin, runoff data

Discharge, in cub, Water Year October 2017 to September 2018

Daily Mean Values

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

WTR YR 2018 TOTAL 18 MEAN 0 MAX 6 MIN 0 AC_FT 35

University Drive at 62nd Street Basin, volume data

Volume, in acre-feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10										1	3	
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	2	4	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 2018 MEAN 0 MAX 4 MIN 0

University Drive at 62nd Street Basin, stage data

Depth, in feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
6	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
7	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2
8	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.5	0.2
9	0.2	0.2	0.2	0.4	0.2	0.2	0.2	0.2	0.2	1.7	0.3	0.2
10	0.2	0.2	0.2	0.9	0.2	0.2	0.2	0.2	0.2	3.9	5.1	0.2
11	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.4	2.3	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	0.3	0.2
16	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
17	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
18	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
19	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
20	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
21	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
22	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
23	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
24	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
25	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
26	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
27	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
28	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
29	0.2	0.2	0.2	0.2	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2
30	0.2	0.2	0.2	0.2	---	0.2	0.2	0.2	0.2	0.4	0.2	0.2
31	0.2	---	0.2	0.2	---	0.2	---	0.2	---	0.5	0.2	---
MEAN	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.4	0.5	0.2
MAX	0.2	0.2	0.2	3.2	0.2	0.2	0.2	0.2	0.2	4.7	5.5	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 2018 MEAN 0.29 MAX 5.49 MIN 0.25

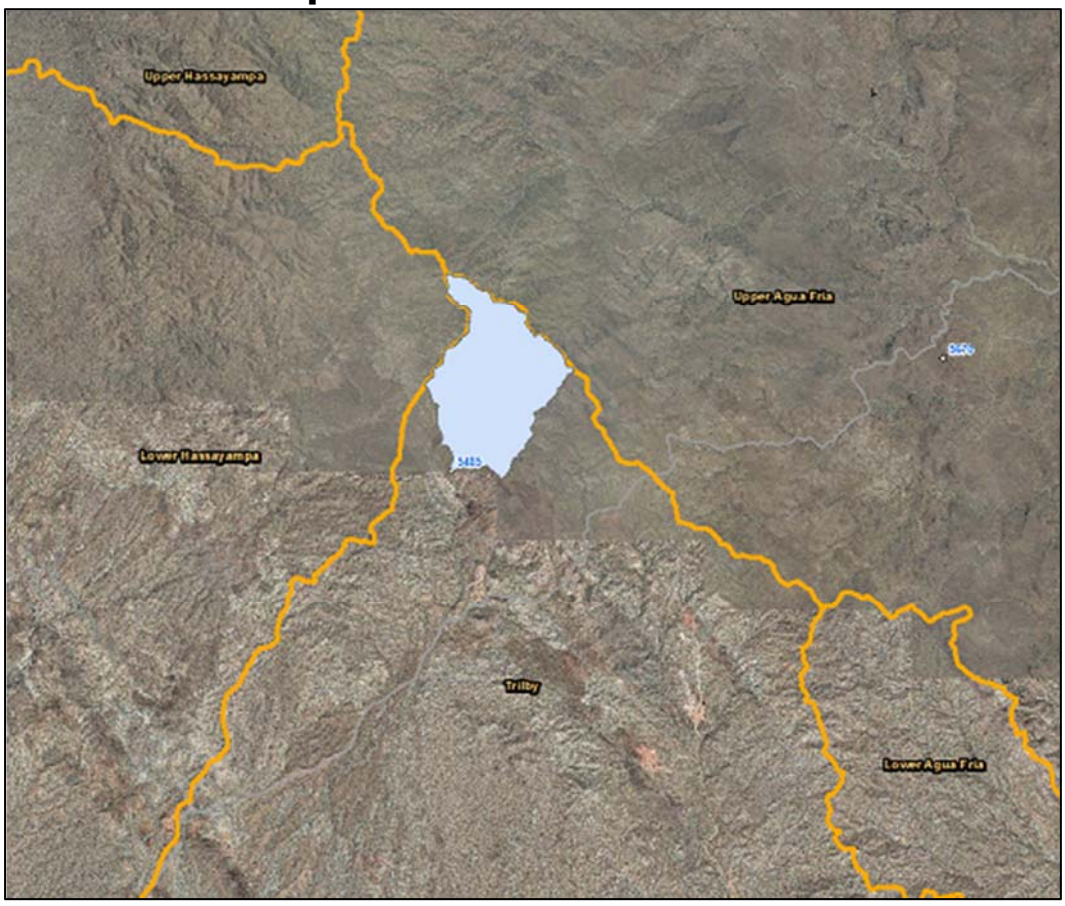
Upper Trilby Wash, ID #5488

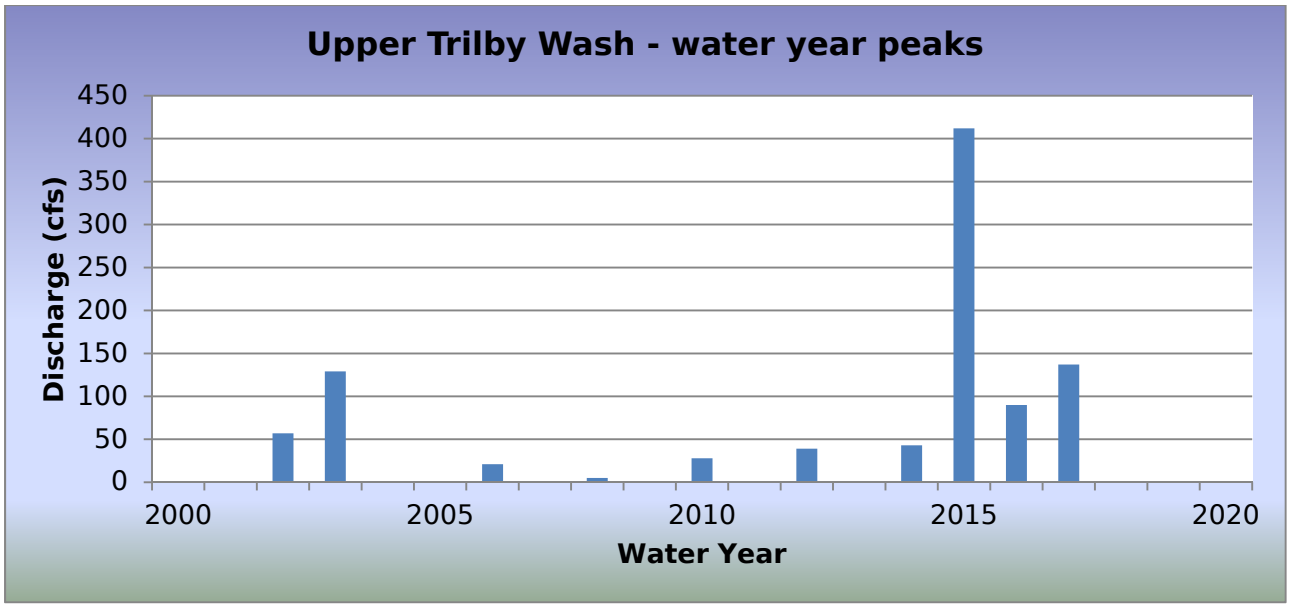


Site Data

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	17.01 Years | 6,214 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





WY2018 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
07/11/2018	2.33	372

Hydrograph of peak WY 2018 flow event,

Hydrograph not available due to gage failure.

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**
20	**100**	**234**	**471**	**1,030**	**1,740**

NOTE: These results are based on very limited data.

Upper Trilby Wash, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
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 2018 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

NOTE; Peak for 07/11/2018 was recovered from the crest-stage gage. Level sensor failed during the event.

UPRR Underpass at First Avenue, ID #3107

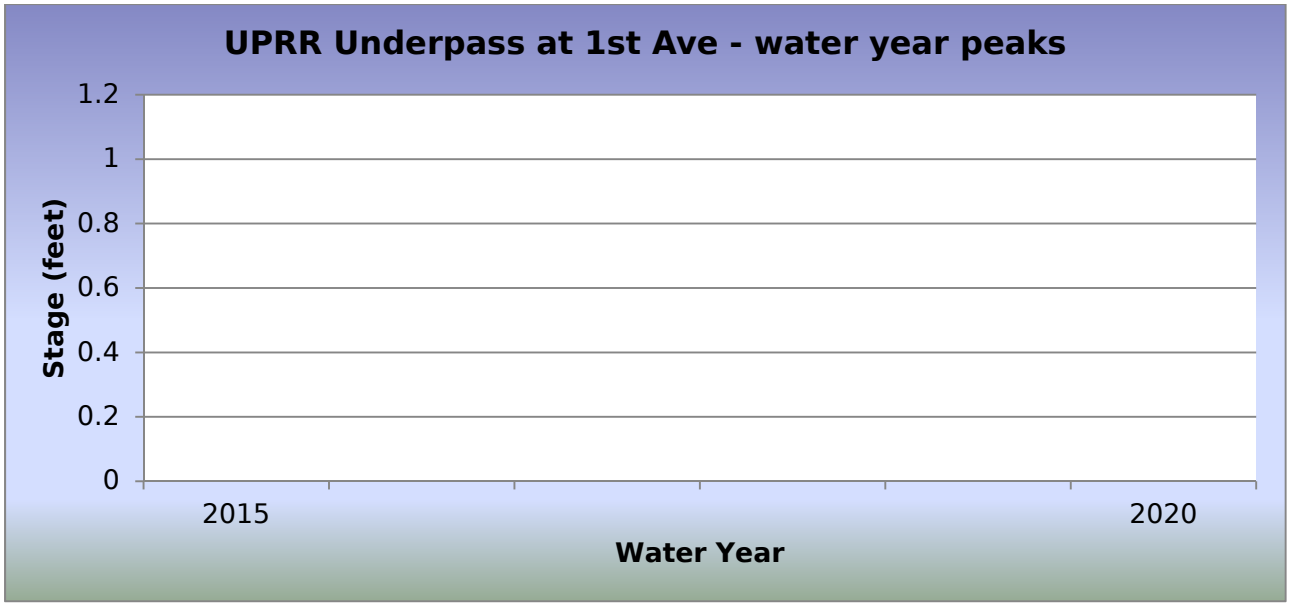


Site Data

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	1.34 Years | 489 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





WY2018 Events

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

Hydrograph of peak WY 2018 impoundment event

No event recorded in Water Year 2018.

UPRR Underpass at First Avenue, stage data

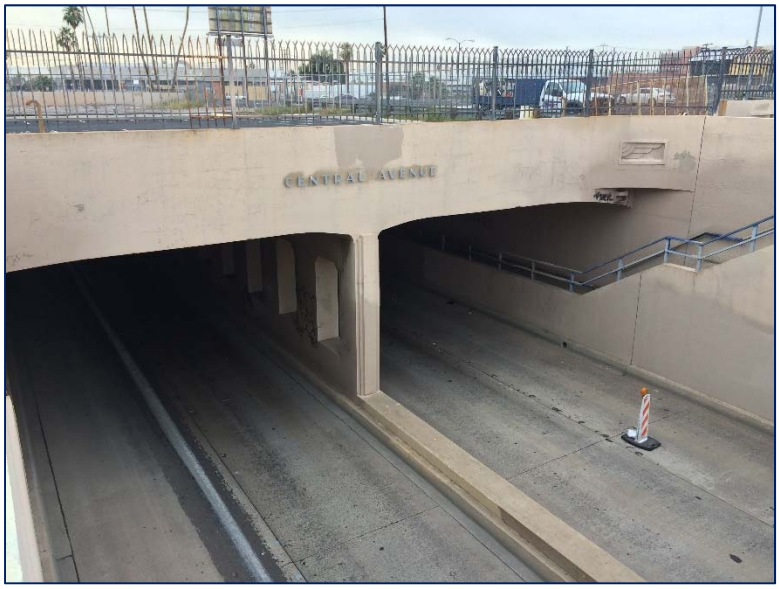
Depth, in feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8
2	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8
3	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8
4	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8
5	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8
6	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8
7	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8
8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8
9	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8
10	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8
11	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8
12	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8
13	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8
14	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8
15	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8
16	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8
17	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8
18	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8
19	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8
20	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8
21	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8
22	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8
23	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8
24	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8
25	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8
26	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8
27	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8
28	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8
29	-9.8	-9.8	-9.8	-9.8	---	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8
30	-9.8	-9.8	-9.8	-9.8	---	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8
31	-9.8	---	-9.8	-9.8	---	-9.8	---	-9.8	---	-9.8	-9.8	---
MEAN	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8
MAX	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8
MIN	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8	-9.8

WTR YR 2018 MEAN -9.83 MAX -9.83 MIN -9.83

UPRR Underpass at Central Avenue, ID #3207

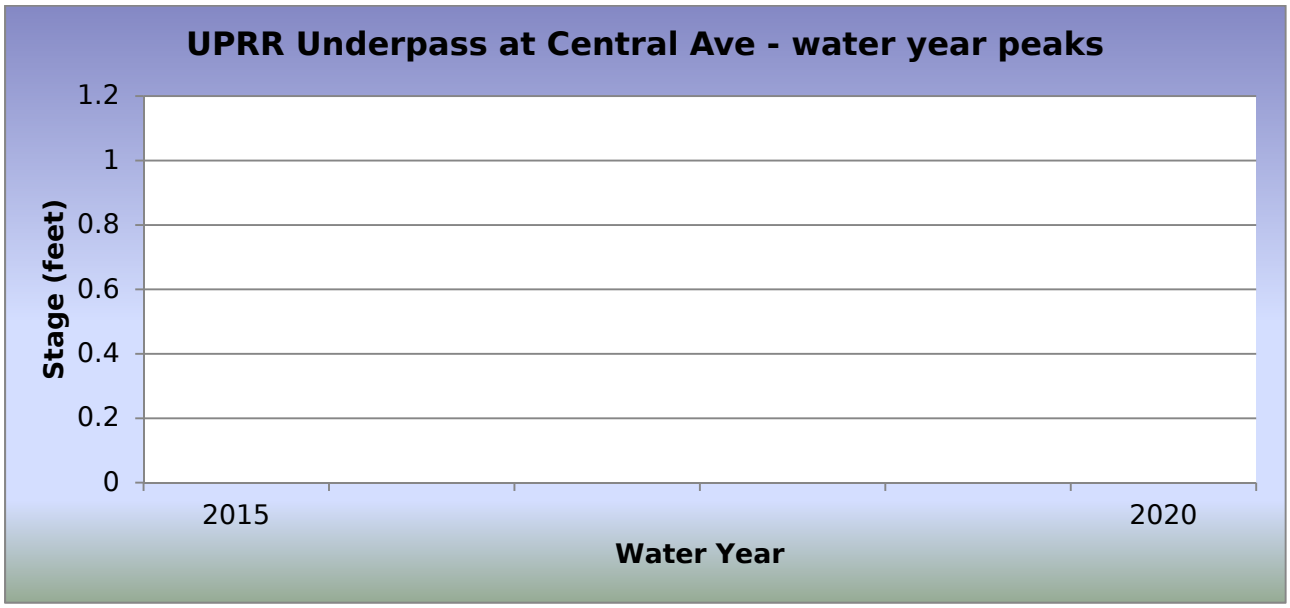


Site Data

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	1.34 Years | 489 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





WY2018 Events

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

Hydrograph of peak WY 2018 impoundment event

No event recorded in Water Year 2018.

UPRR Underpass at Central Avenue, stage data

Depth, in feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-4.0	-3.8
2	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-4.0	-3.8
3	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-3.3	-3.9
4	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-3.6	-3.9
5	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-3.7	-3.9
6	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-3.7	-3.9
7	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-3.8	-4.0
8	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-3.8	-4.0
9	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-4.5	-3.3	-4.0
10	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-3.2	-3.4	-4.1
11	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-3.4	-3.4	-4.1
12	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-3.3	-3.5	-4.1
13	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-3.5	-3.6	-4.2
14	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-3.6	-3.7	-4.2
15	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	---	-3.7	-3.7	-4.2
16	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	---	-3.8	-3.8	-4.3
17	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	---	-3.8	-3.8	-4.3
18	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	---	-3.9	-3.8	-4.3
19	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-3.9	-3.8	-4.0
20	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-4.0	-3.9	-3.7
21	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-4.0	-3.9	-3.9
22	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-4.0	-3.9	-4.0
23	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-4.1	-3.7	-4.1
24	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-4.1	-3.1	-4.1
25	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-4.1	-3.3	-4.2
26	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-4.2	-3.4	-4.2
27	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-4.2	-3.5	-4.2
28	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-4.2	-3.6	-4.3
29	-5.0	-5.0	-5.0	-5.0	---	-5.0	-5.0	-5.0	-5.0	-4.2	-3.7	-4.3
30	-5.0	-5.0	-5.0	-5.0	---	-5.0	-5.0	-5.0	-5.0	-4.2	-3.7	-4.3
31	-5.0	---	-5.0	-5.0	---	-5.0	---	-5.0	---	-3.9	-3.8	---
MEAN	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-4.2	-3.6	-4.1
MAX	-5.0	-5.0	-5.0	-5.0	-5.0	-4.6	-5.0	-5.0	-5.0	-2.5	-2.1	-3.0
MIN	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-4.1	-4.4

WTR YR 2018 MEAN -4.74 MAX -2.06 MIN -5.00

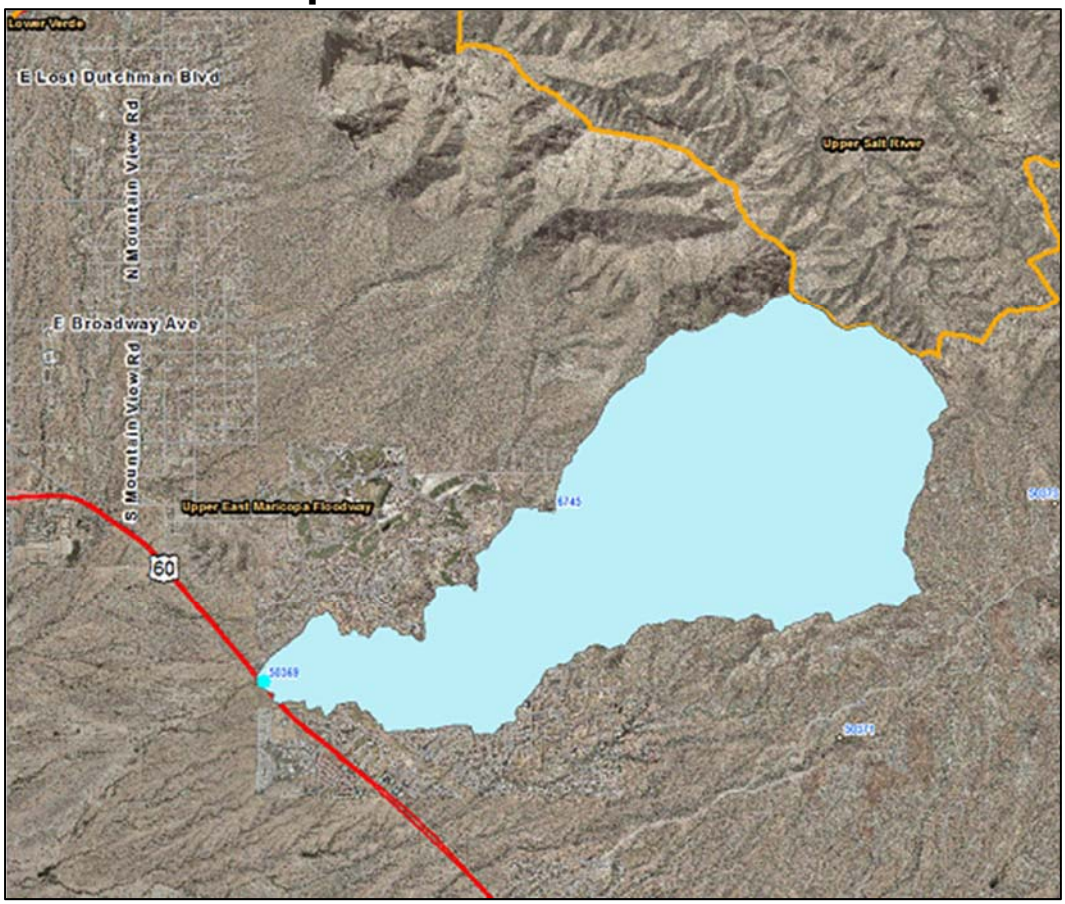
US60 at Gold Canyon, ID #36907

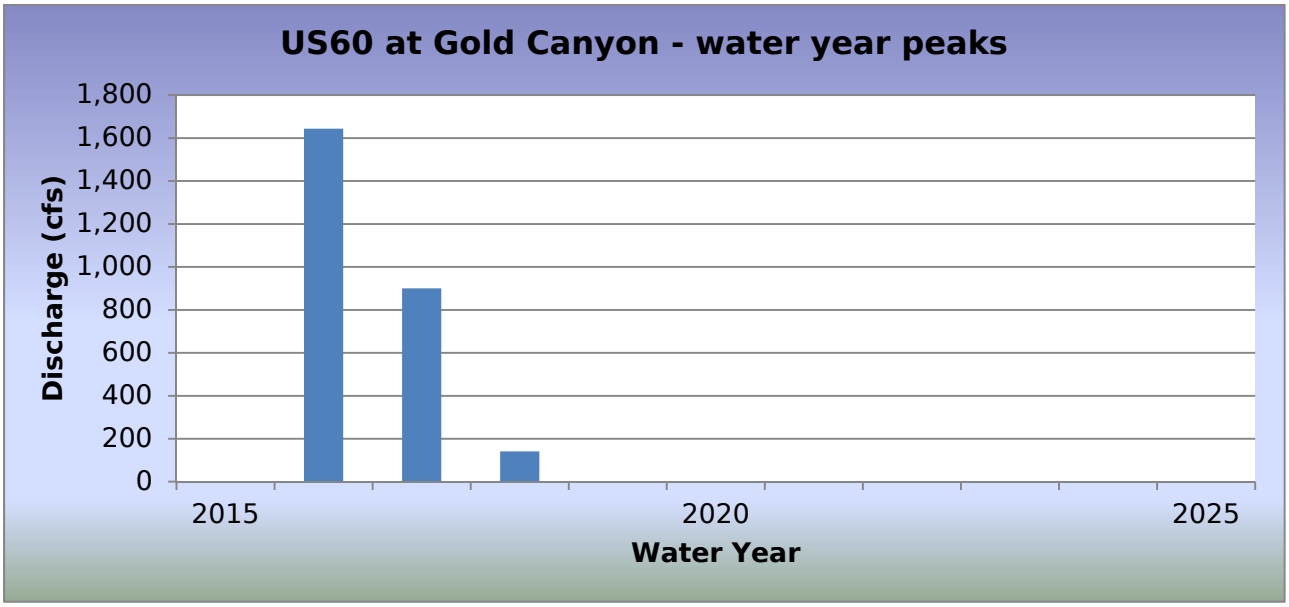


Site Data

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	2.39 Years | 873 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

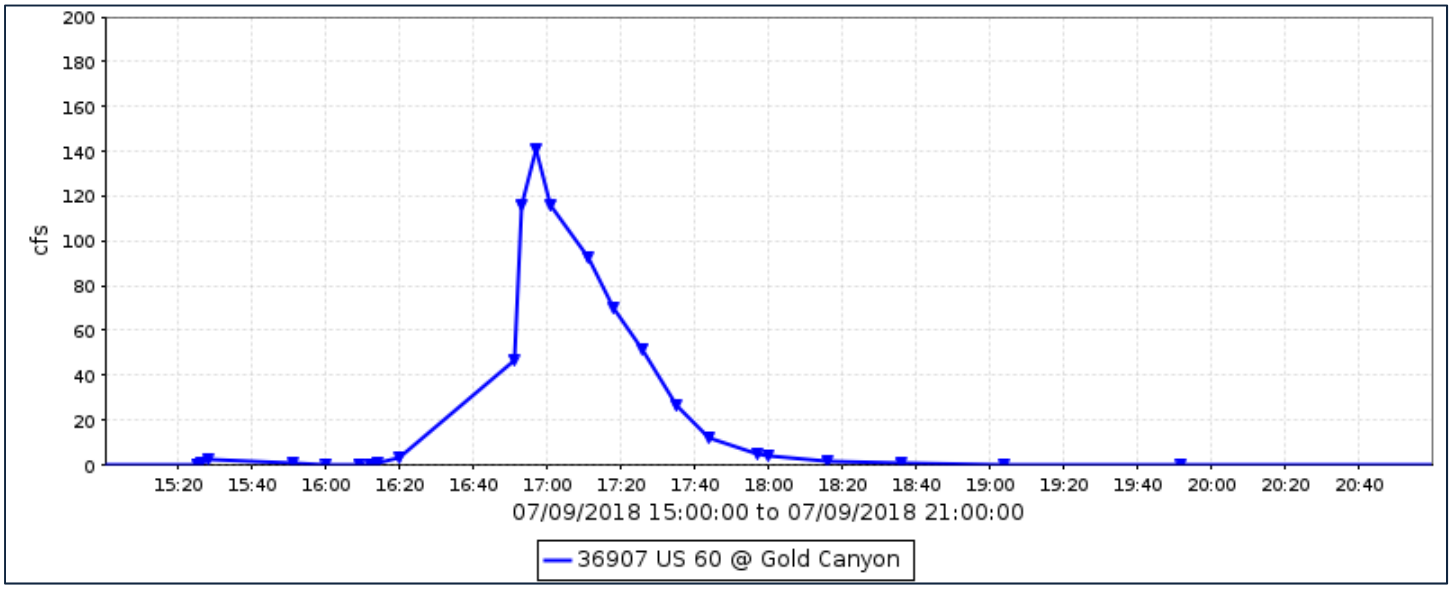




WY2018 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
07/09/2018	1.42	141
08/23/2018	0.92	26

Hydrograph of peak WY 2018 flow event, 07/09/2018



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 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9										3		
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
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22												
23												
24												
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	141	26	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	6	1	0

WTR YR 2018 TOTAL 4 MEAN 0 MAX 141 MIN 0 AC_FT 7

Vekol Wash, ID #6983

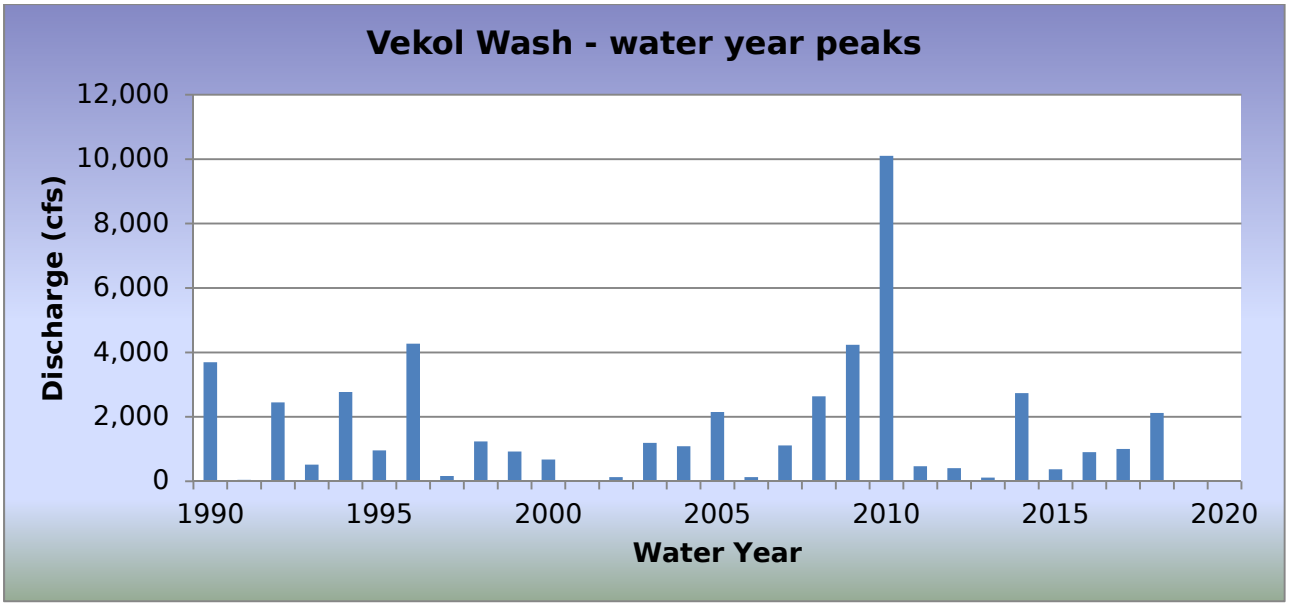


Site Data

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	28.57 Years | 10,435 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

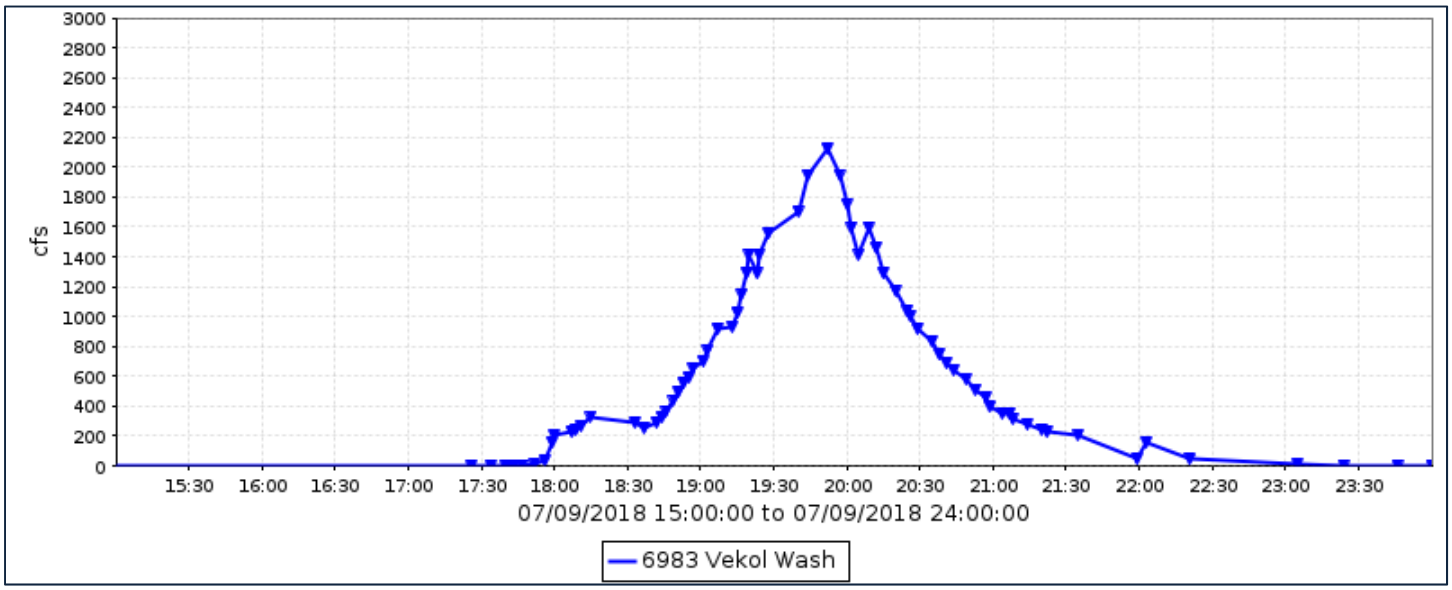




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
07/09/2018	7.30	2,120
07/21/2018	5.80	630
07/31/2018	5.20	370
08/10/2018	4.38	42
08/15/2018	5.35	438
08/23/2018	5.48	504
09/19/2018	6.25	887

Hydrograph of peak WY 2018 flow event, 07/09/2018



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**
958	**2,580**	**4,190**	**6,150**	**9,330**	**12,200**

NOTE: These results are based on very limited data.

Vekol Wash, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9										130		
10												
11												
12												
13												
14												
15											41	
16												
17												
18												
19												56
20												
21										42		
22												
23											64	
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---	10		---
TOTAL	0	0	0	0	0	0	0	0	0	183	106	56
MEAN	0	0	0	0	0	0	0	0	0	6	3	2
MAX	0	0	0	0	0	0	0	0	0	2120	504	887
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	0	0	0	362	210	111

WTR YR 2018 TOTAL 345 MEAN 1 MAX 2120 MIN 0 AC_FT 683

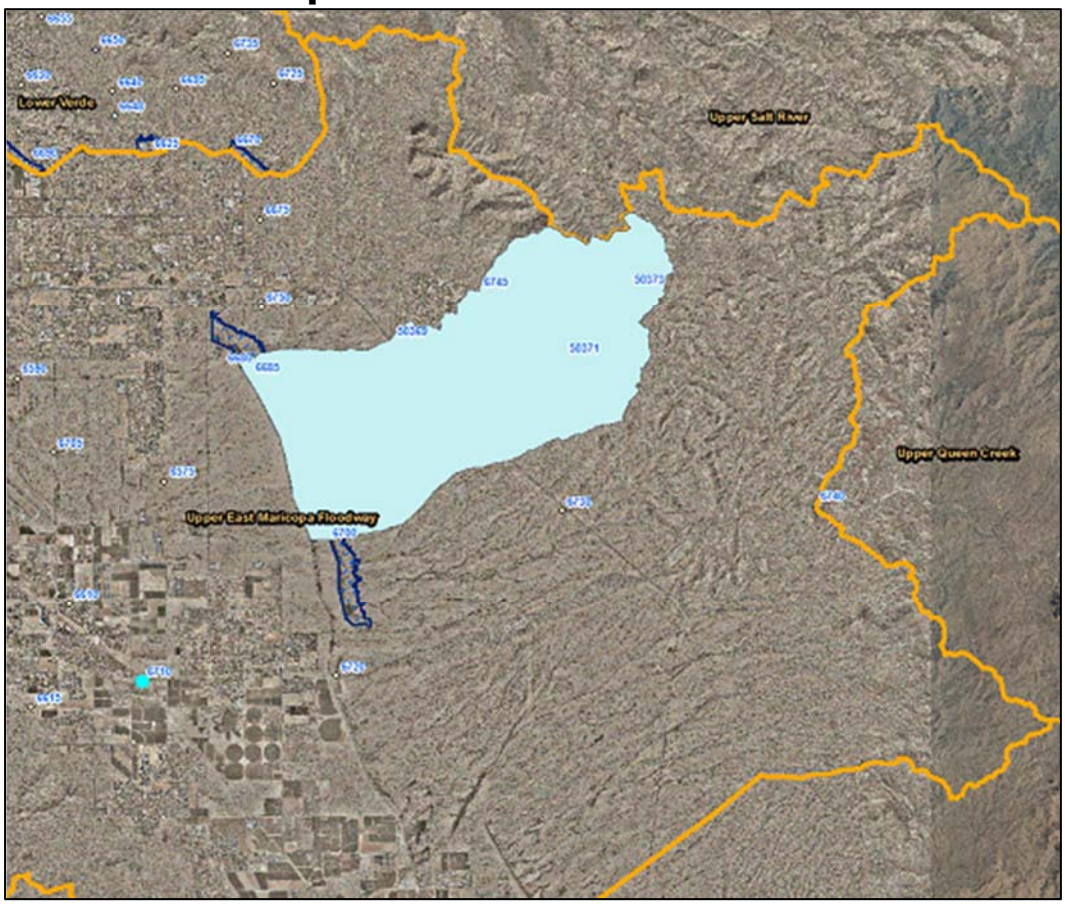
Vineyard FRS, ID #6688

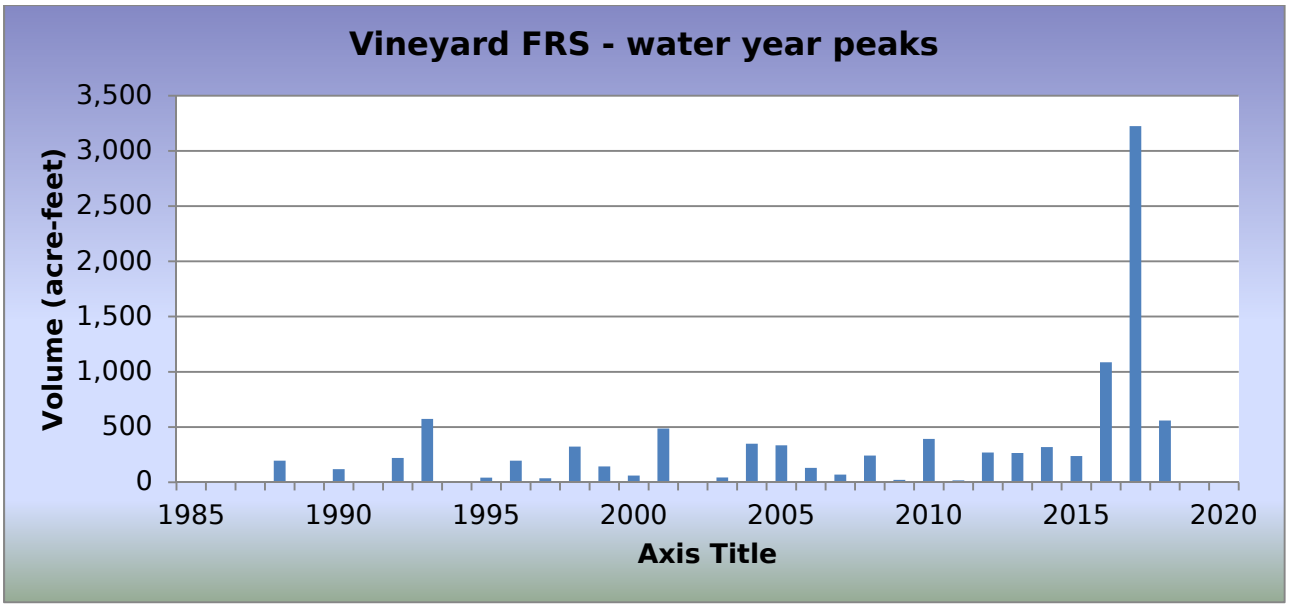


Site Data

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	30.89 Years | 11,284 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



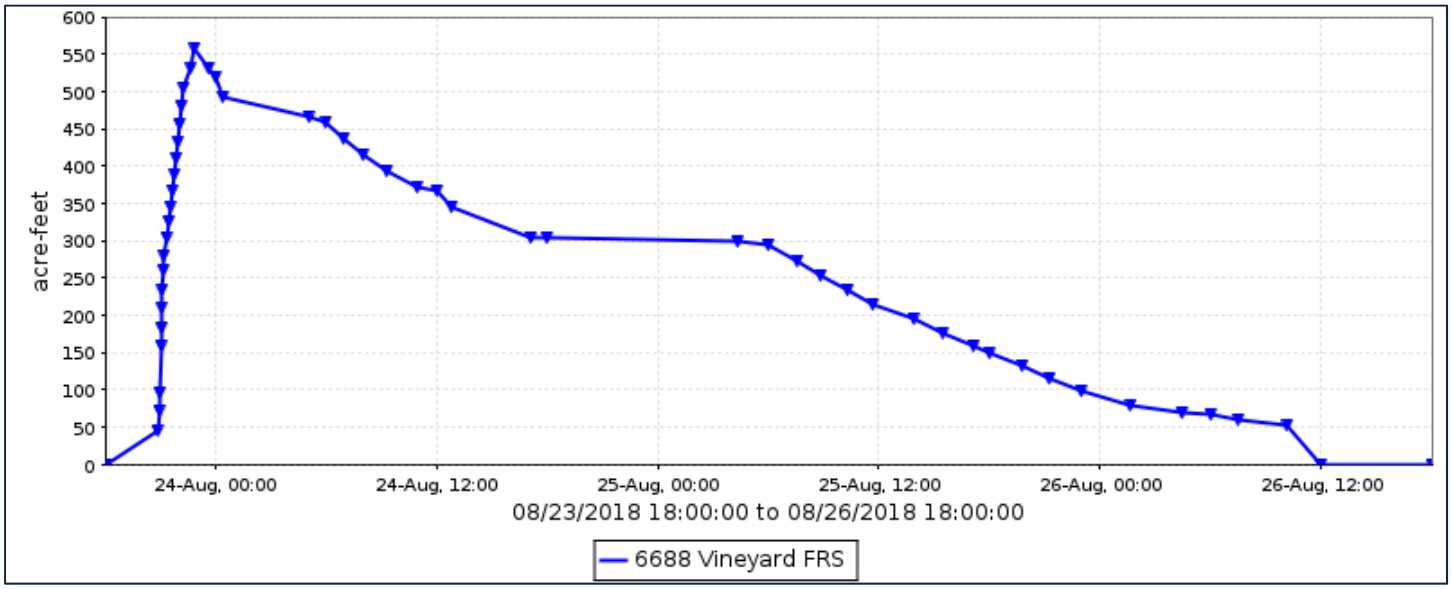


WY2018 Events*

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
08/10/2018	2.27	389.0	8.4
08/23/2018	2.97	558.5	12.0

*NOTE: Due to construction, peak volumes are greater than actual.

Hydrograph of peak WY 2018 impoundment event, 08/23/2018



Vineyard FRS, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10											18	
11											1	
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23											5	
24											30	
25											15	
26											2	
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	0	0	0	0	0	0	0	71	0
MEAN	0	0	0	0	0	0	0	0	0	0	2	0
MAX	0	0	0	0	0	0	0	0	0	0	46	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	141	0

WTR YR 2018 TOTAL 71 MEAN 0 MAX 46 MIN 0 AC_FT 141

Vineyard FRS, volume data

Volume, in acre-feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10											248	
11											28	
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23											58	
24											388	
25											221	
26											36	
27												
28												
29					---							
30					---							
31		---			---		---		---			---
MEAN	0	0	0	0	0	0	0	0	0	0	32	0
MAX	0	0	0	0	0	0	0	0	0	0	558	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 2018 MEAN 3 MAX 558 MIN 0

Vineyard FRS, stage data

Depth, in feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
6	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
7	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
8	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
9	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
10	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	1.6	0.2
11	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2
12	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
13	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
14	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
15	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
16	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
17	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
18	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
19	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
20	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
21	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
22	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
23	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.5	0.2
24	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	2.3	0.2
25	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	1.4	0.2
26	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.2
27	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
28	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
29	0.2	0.2	0.2	0.2	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2
30	0.2	0.2	0.2	0.2	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2
31	0.2	---	0.2	0.2	---	0.2	---	0.2	---	0.2	0.2	---
MEAN	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.2
MAX	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	3.0	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 2018 MEAN 0.21 MAX 2.97 MIN 0.20

Vulture Mine Road, ID #5263

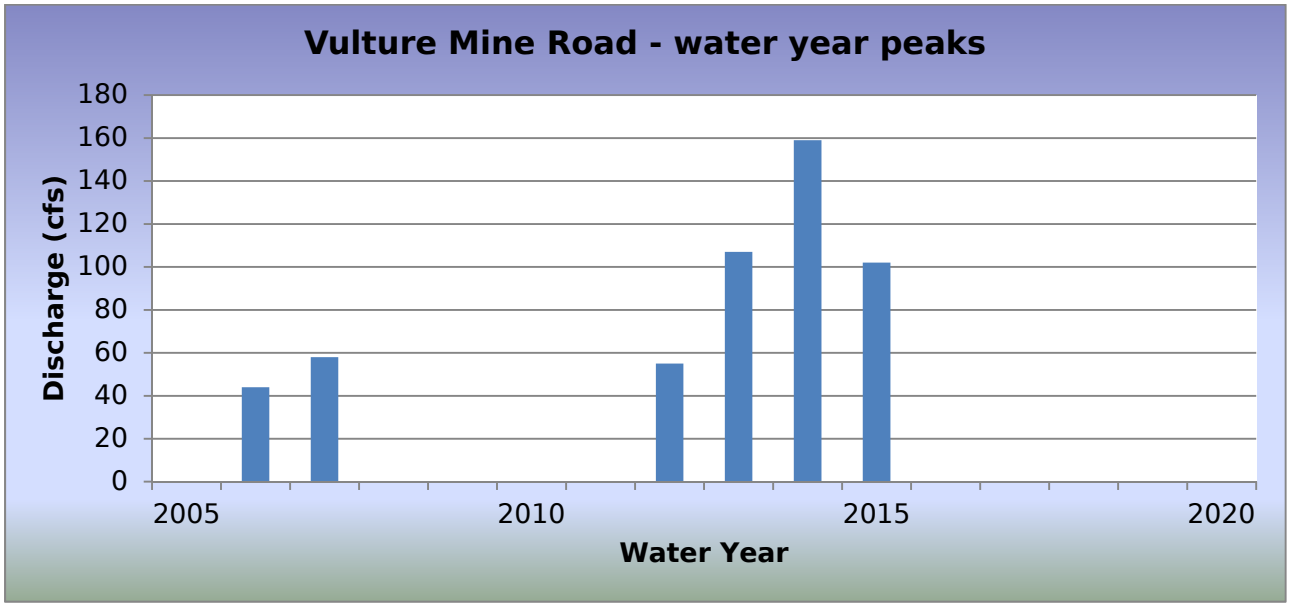


Site Data

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	12.93 Years | 4,724 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	2,311.45 feet NAVD88
POINT OF ZERO FLOW	1.53 feet Gage Height
EXTREME FOR PERIOD OF RECORD	159 cfs | 3.58 feet | 08/03/2014

Watershed Map





WY2018 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
		`
No flow recorded		

Hydrograph of peak WY 2018 flow event

There was no recorded flow during Water Year 2018.

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 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
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 2018 TOTAL 1 MEAN 0 MAX 1 MIN 0 AC_FT 2

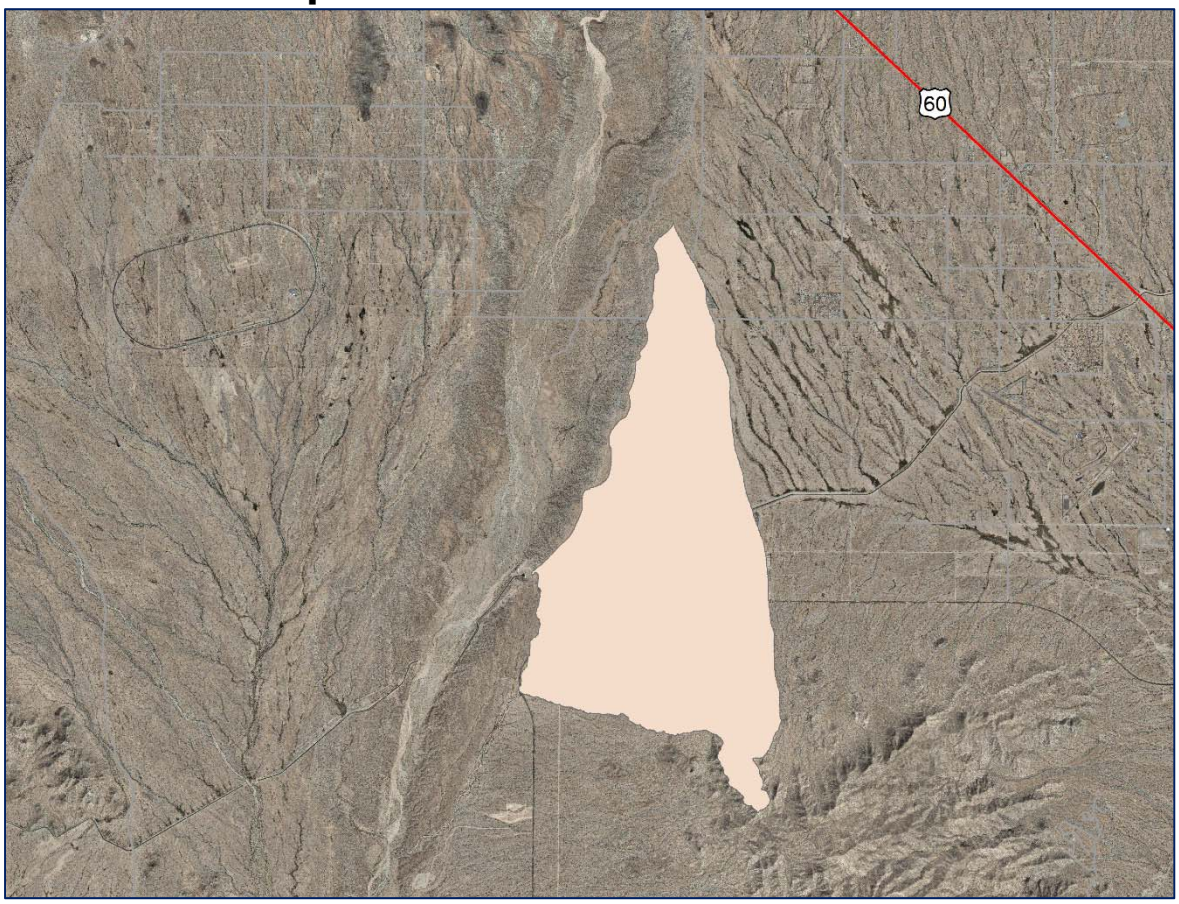
Wagner Wash at Sun Valley Parkway, ID #44707

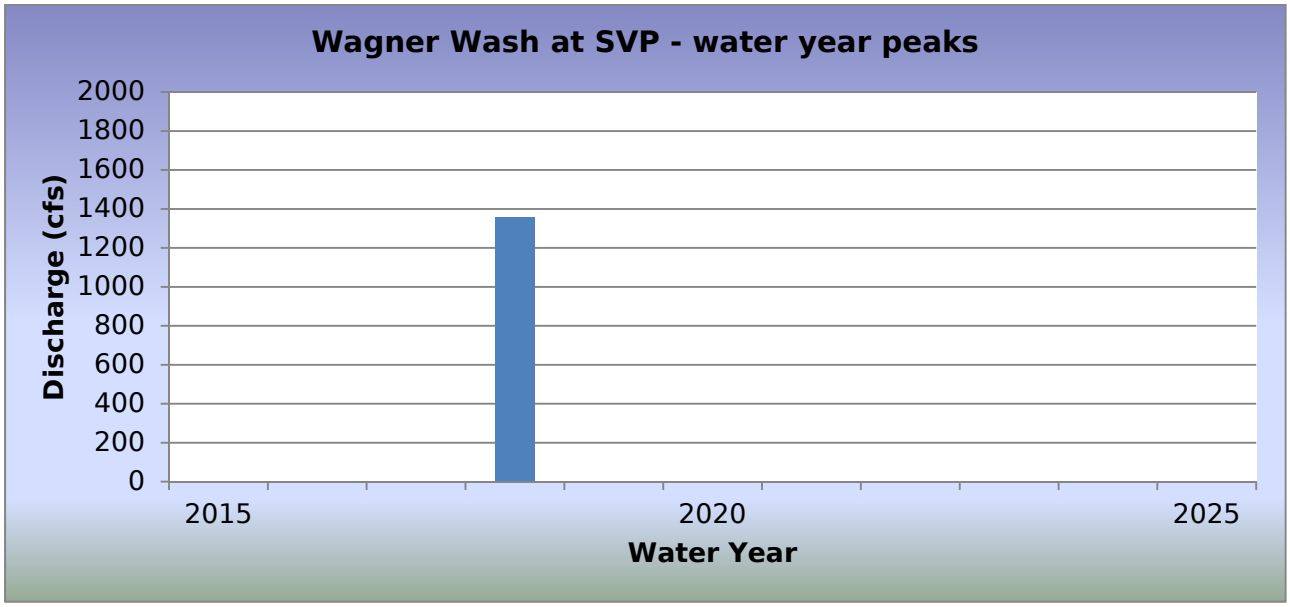


Site Data

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	1.62 Years | 592 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	1,358 cfs | 2.97 feet Gage Height | 08/16/2018

Watershed Map

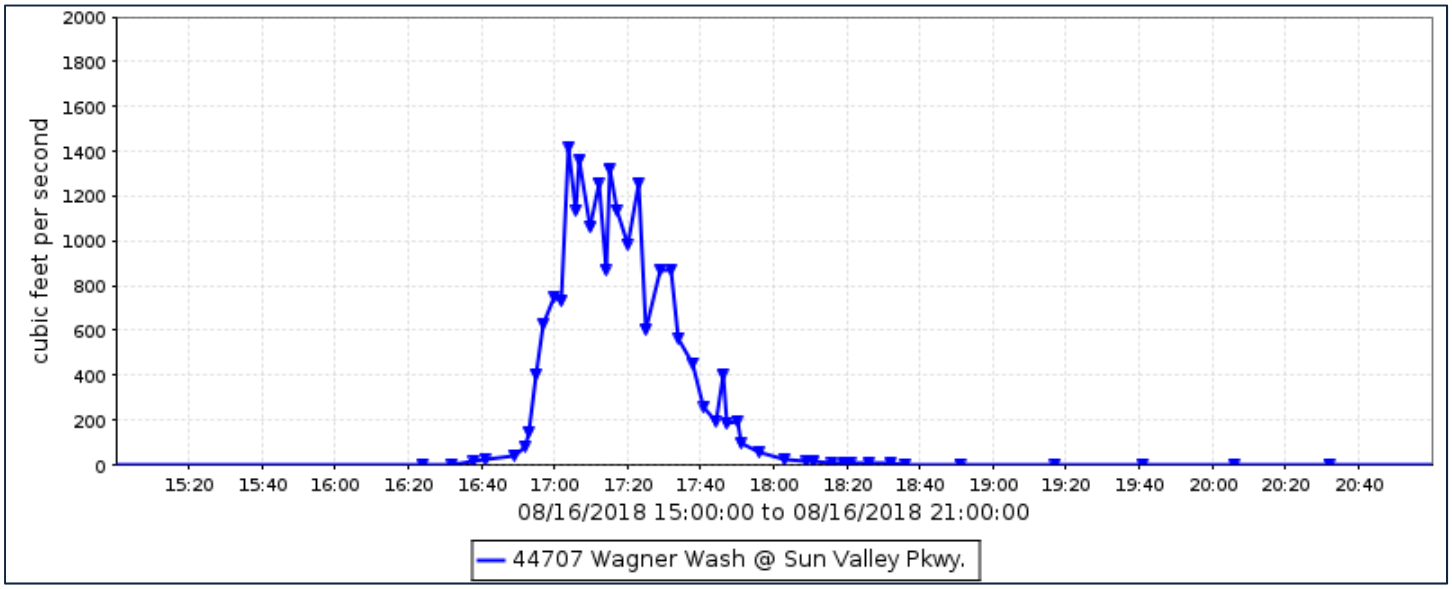




WY2018 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
		`
08/16/2018	2.97	1,358

Hydrograph of peak WY 2018 flow event



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 cub, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1		---										
2												
3		---										
4		---										
5												
6		---										
7		---										
8												
9												
10												
11												
12												
13												
14												
15												
16											32	
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	32	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	1417	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	63	0

WTR YR 2018 TOTAL 32 MEAN 0 MAX 1417 MIN 0 AC_FT 63

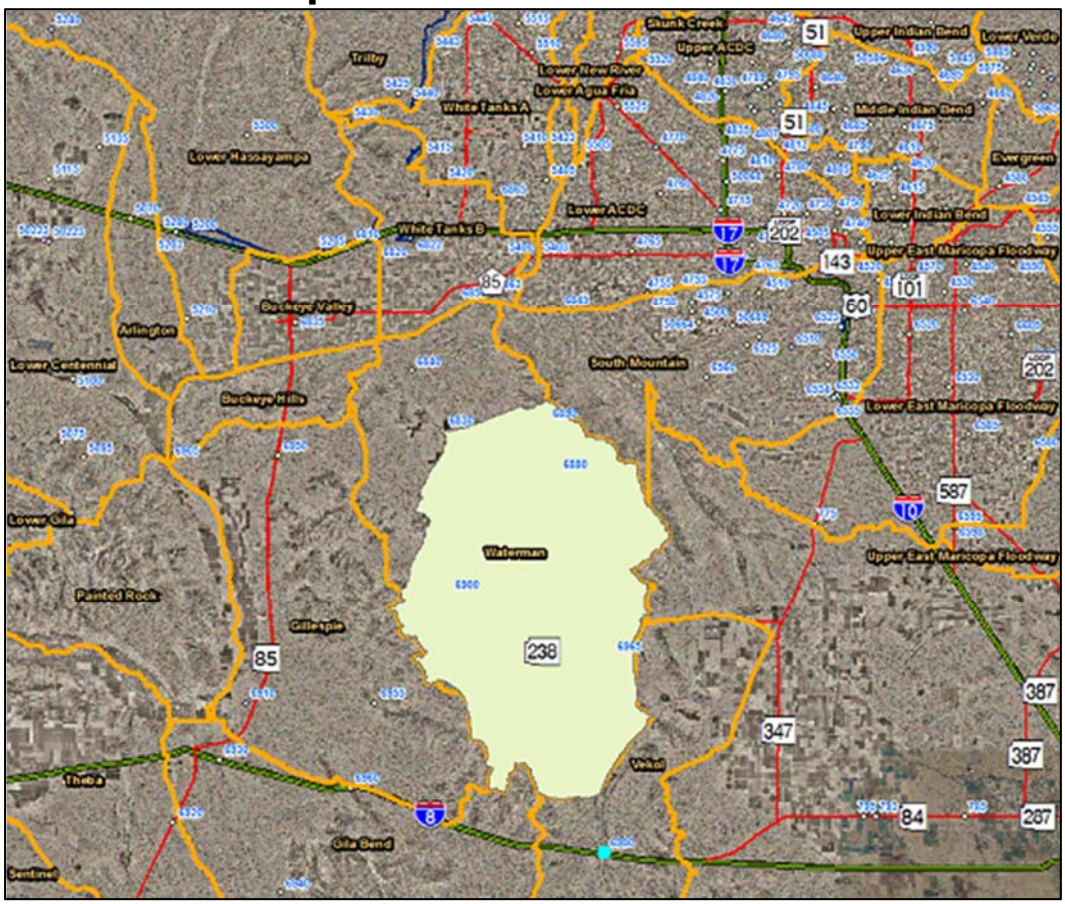
Waterman Wash at Rainbow Valley Road, ID #6833

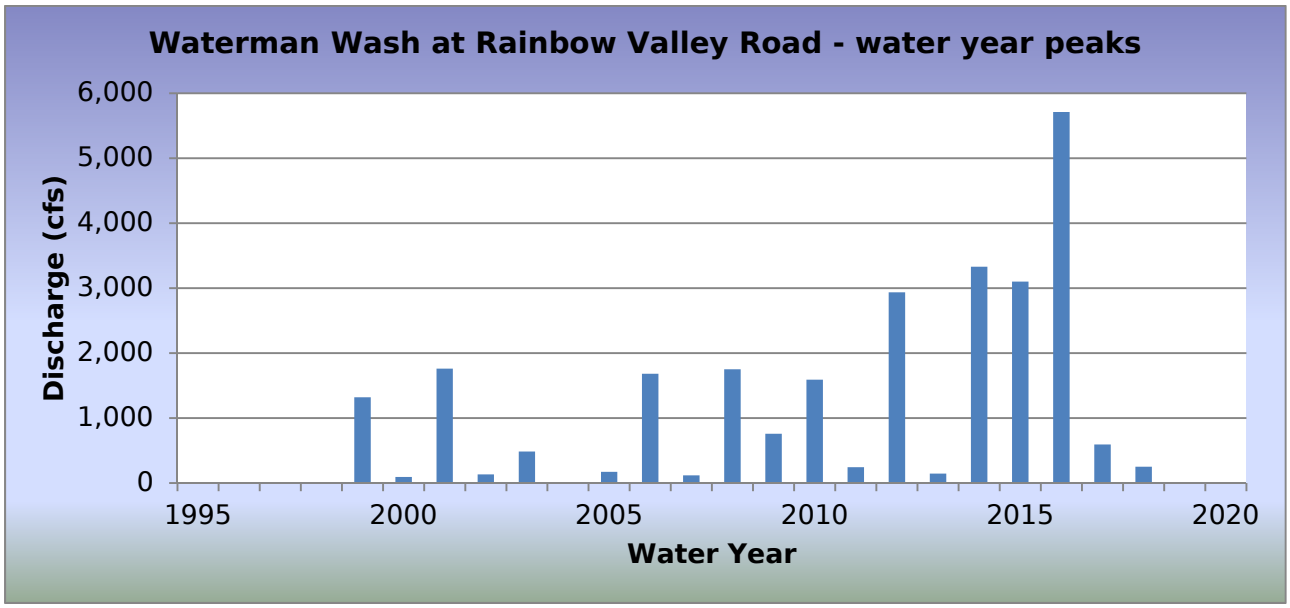


Site Data

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
AVAIALBLE PERIOD OF RECORD	03/18/1999 - Current
LENGTH OF AVAILABLE POR DATA	19.54 Years | 7,137 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	1,009.85 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

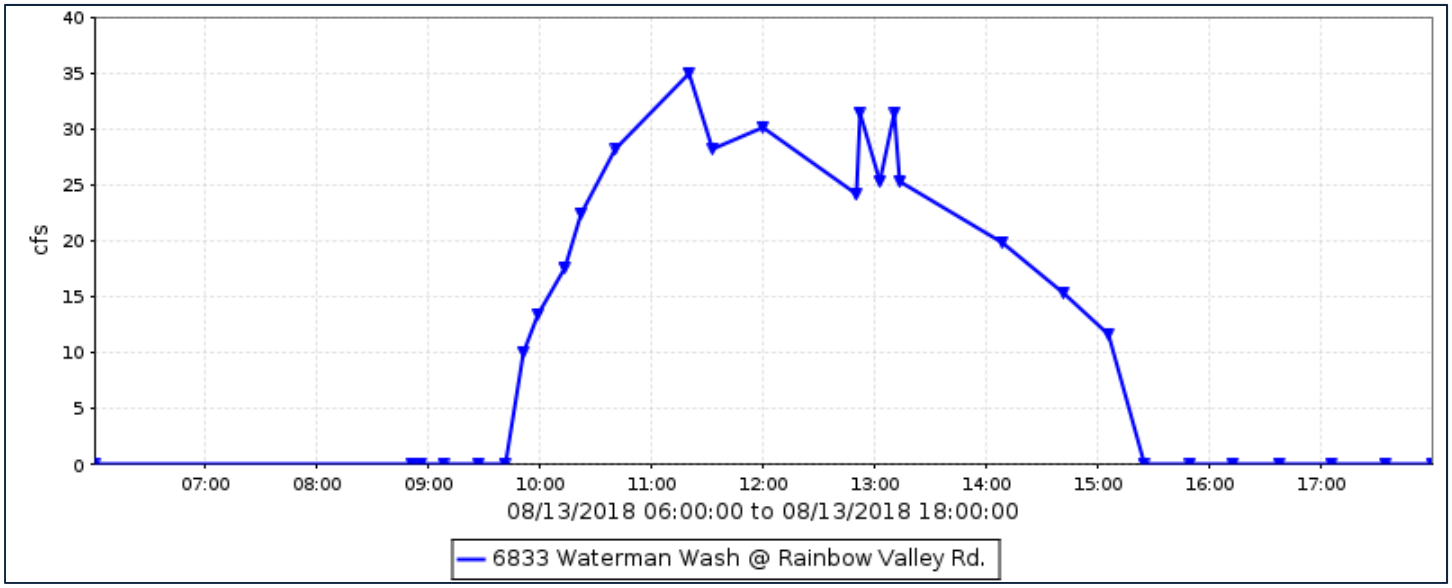




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
07/14/2018	1.20	153
08/03/2018	1.18	150
08/13/2018	1.55	250
09/03/2018	1.25	158

Hydrograph of peak WY 2018 flow event, 08/13/2018



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**
650	**1,990**	**3,520**	**5,590**	**9,340**	**13,100**

NOTE: These results are based on very limited data.

Waterman Wash, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

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

WTR YR 2018 TOTAL 10 MEAN 0 MAX 35 MIN 0 AC_FT 21

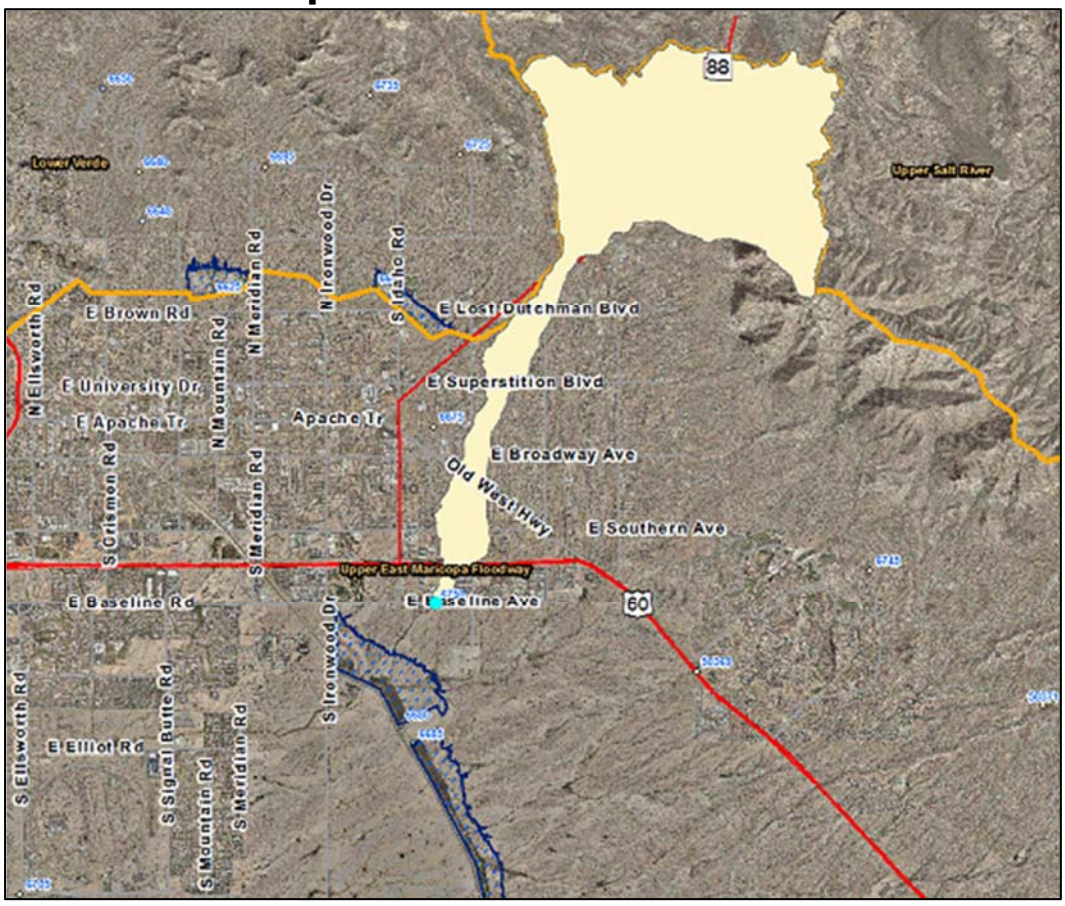
Weekes Wash at Baseline Road, ID #6753

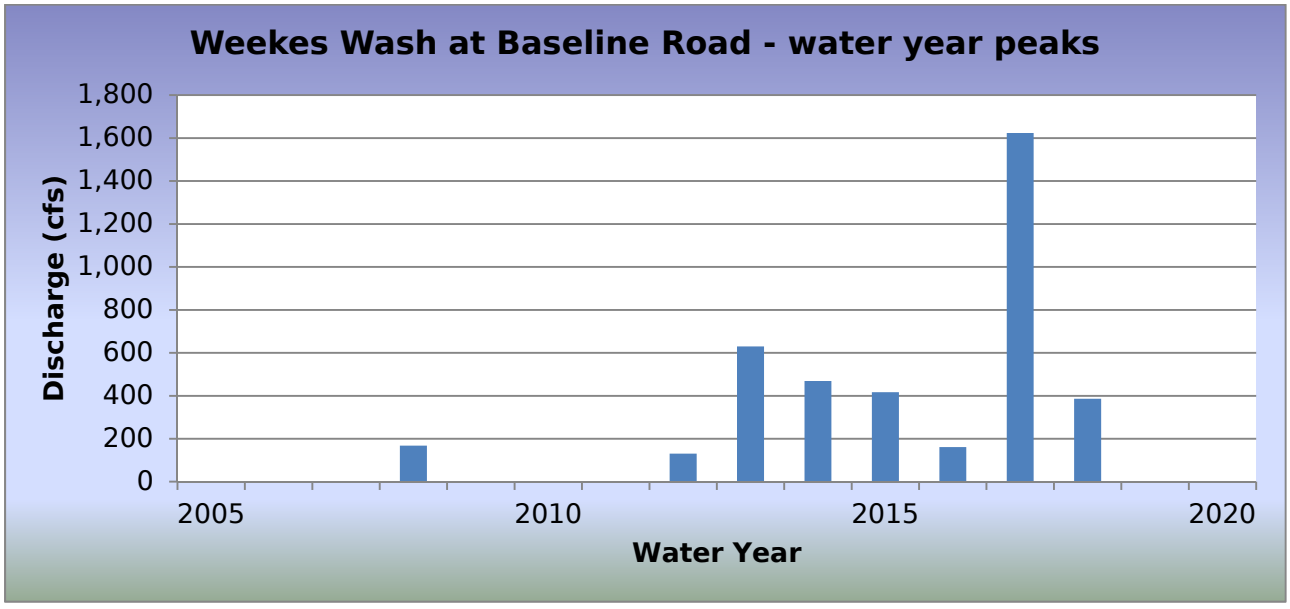


Site Data

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	10.35 Years | 3,779 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

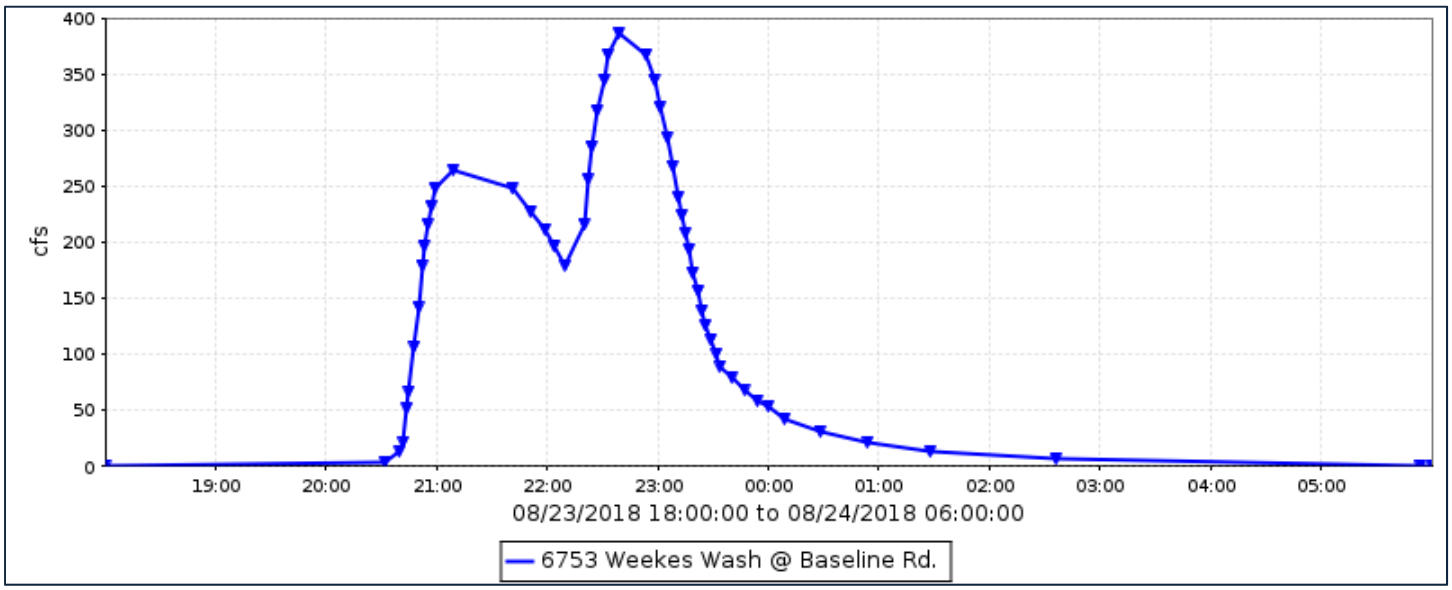




WY2018 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
07/09/2018	0.65	31
08/10/2018 (01:17)	1.53	129
08/10/2018 (23:35)	0.78	45
08/23/2018	3.12	386
08/24/2018	2.32	243

Hydrograph of peak WY 2018 flow event, 08/23/2018



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 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9										1		
10											10	
11											1	
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22			---									
23			---								31	
24			---								16	
25			---								1	
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	0	0	0	0	0	0	1	60	0
MEAN	0	0	0	0	0	0	0	0	0	0	2	0
MAX	0	0	0	0	0	0	0	0	0	31	386	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	119	0

WTR YR 2018 TOTAL 61 MEAN 0 MAX 386 MIN 0 AC_FT 122

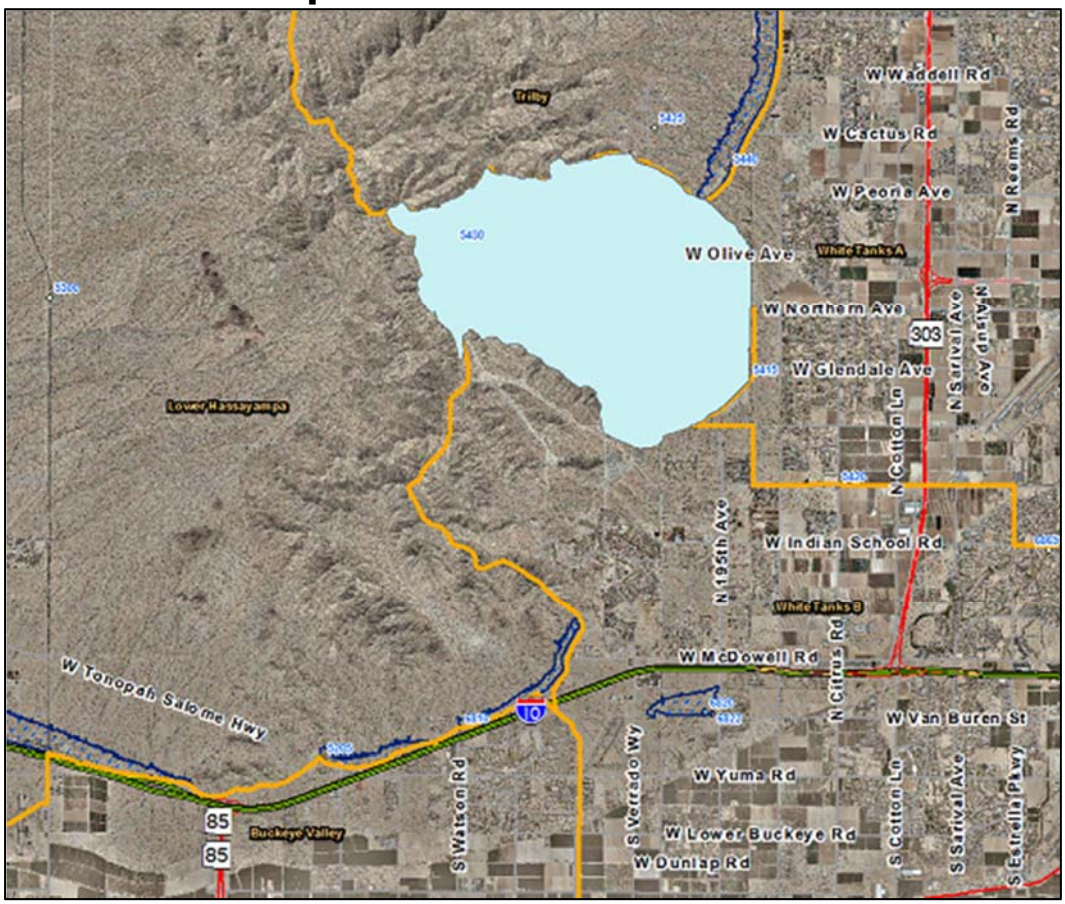
White Tanks FRS #3, ID #5418

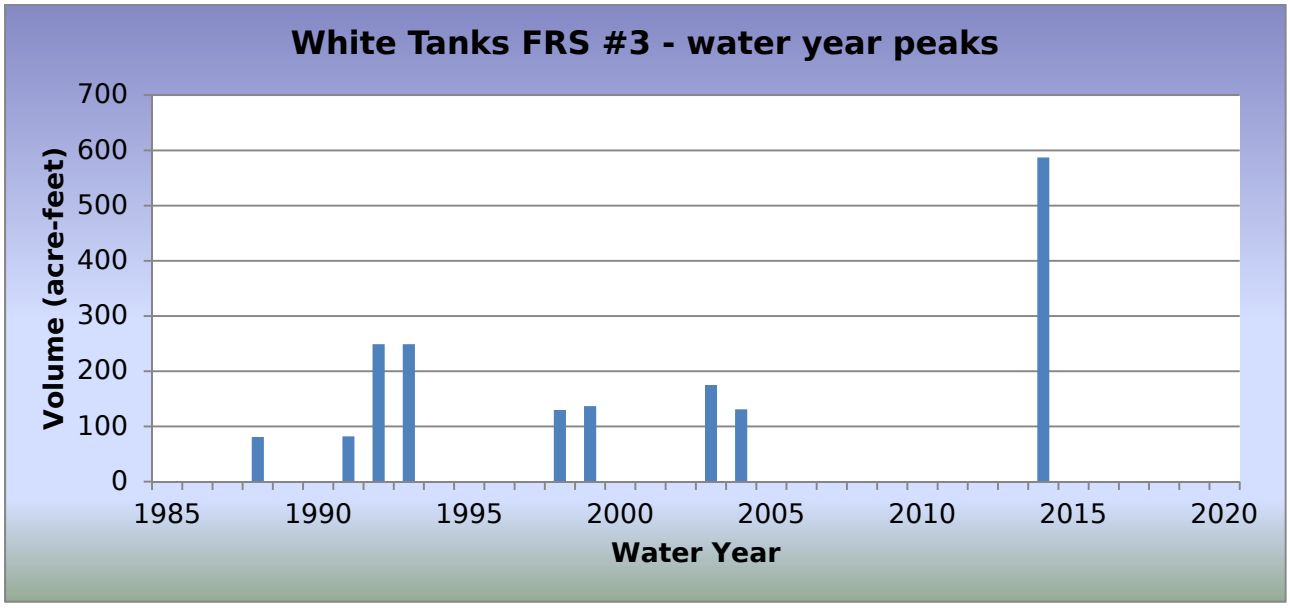


Site Data

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
AVAIALBLE PERIOD OF RECORD	01/01/1988 - Current
LENGTH OF AVAILABLE POR DATA	30.75 Years | 11,231 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





WY2018 Events

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

Hydrograph of peak WY 2018 impoundment event

There were no impoundments recorded in Water Year 2018.

White Tanks FRS #3, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												---
4												---
5												
6												---
7												---
8												
9												---
10												
11												
12												
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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 2018 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

White Tanks FRS #3, volume data

Volume, in acre-feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
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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 2018 MEAN 0 MAX 0 MIN 0

White Tanks FRS #3, stage data

Depth, in feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	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	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	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	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	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	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	1.5
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 2018 MEAN 1.50 MAX 1.50 MIN 1.50

White Tanks FRS #4, ID #6823

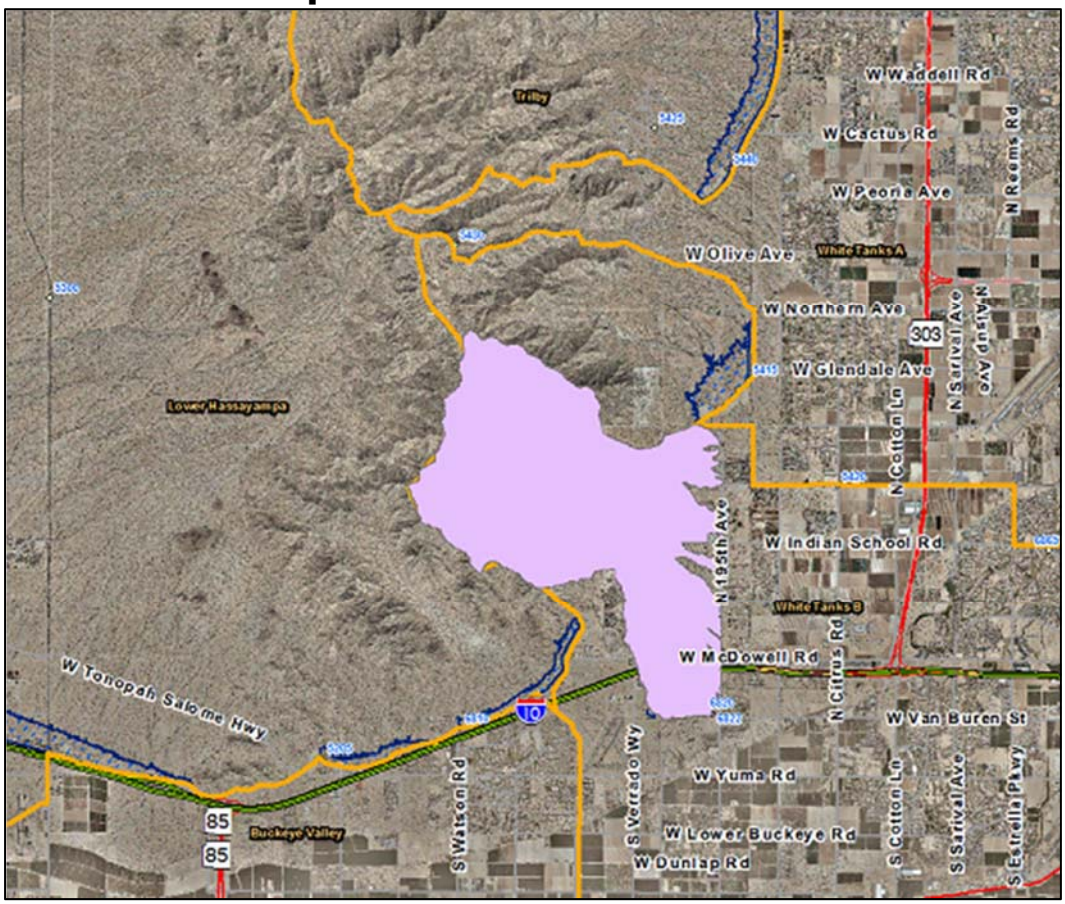


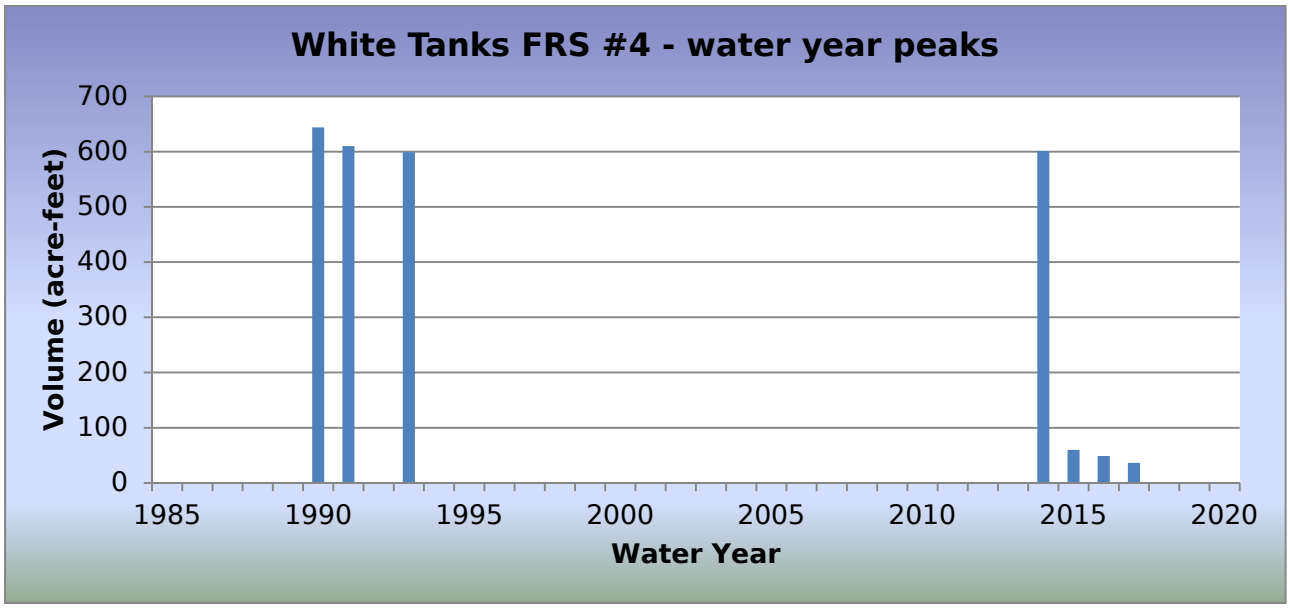
Site Data

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	31.00 Years | 11,323 Days
DATA GAPS IN POR	06/01/2011 - 11/16/2011
STAFF GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,030.00 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





WY2018 Events

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

Hydrograph of peak WY 2018 flow event,

No impoundments recorded during Water Year 2018.

White Tanks FRS #4, runoff data

Discharge, in cub, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
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 2018 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

White Tanks FRS #4, volume data

Volume, in acre-feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	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 2018 MEAN 0 MAX 0 MIN 0

White Tanks FRS #4, stage data

Depth, in feet, Water Year October 2017 to September 2018

Daily Mean Values

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

WTR YR 2018 MEAN -0.60 MAX -0.60 MIN -0.60

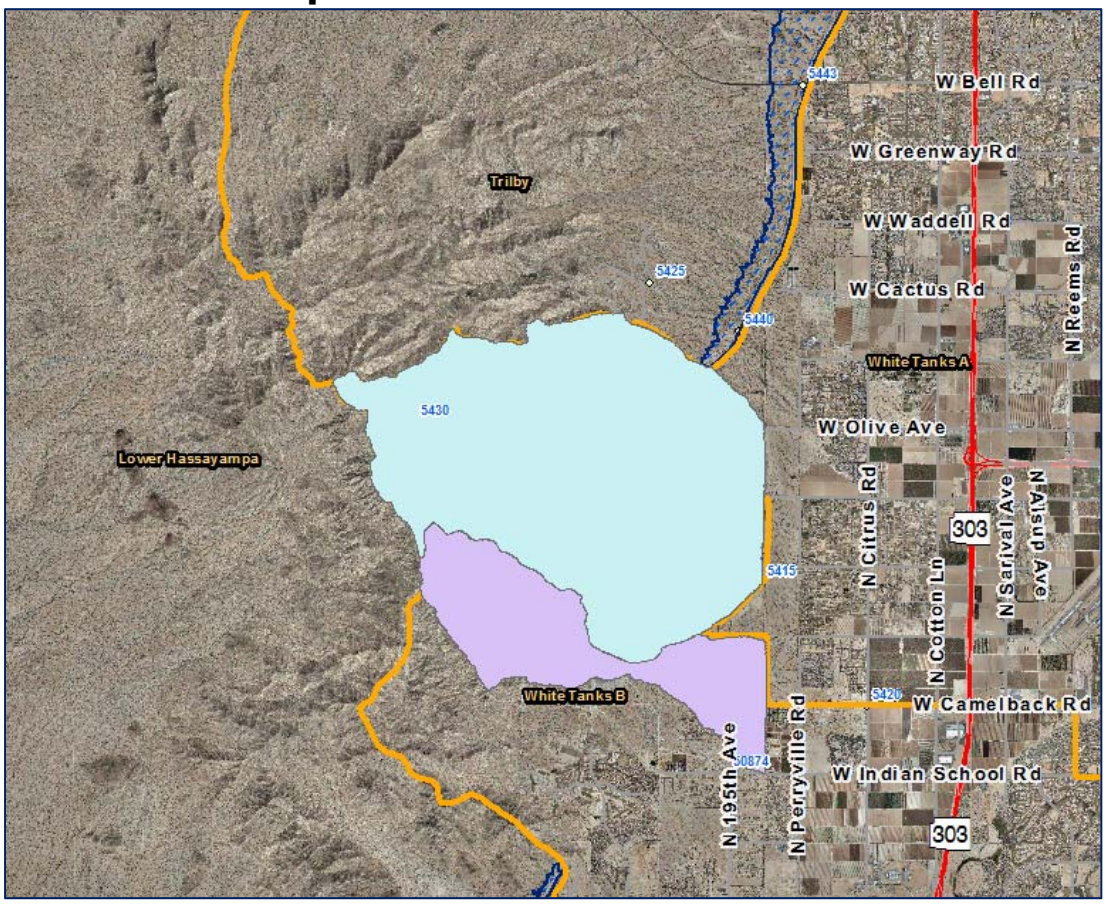
White Tank Outfall Channel, ID #87407

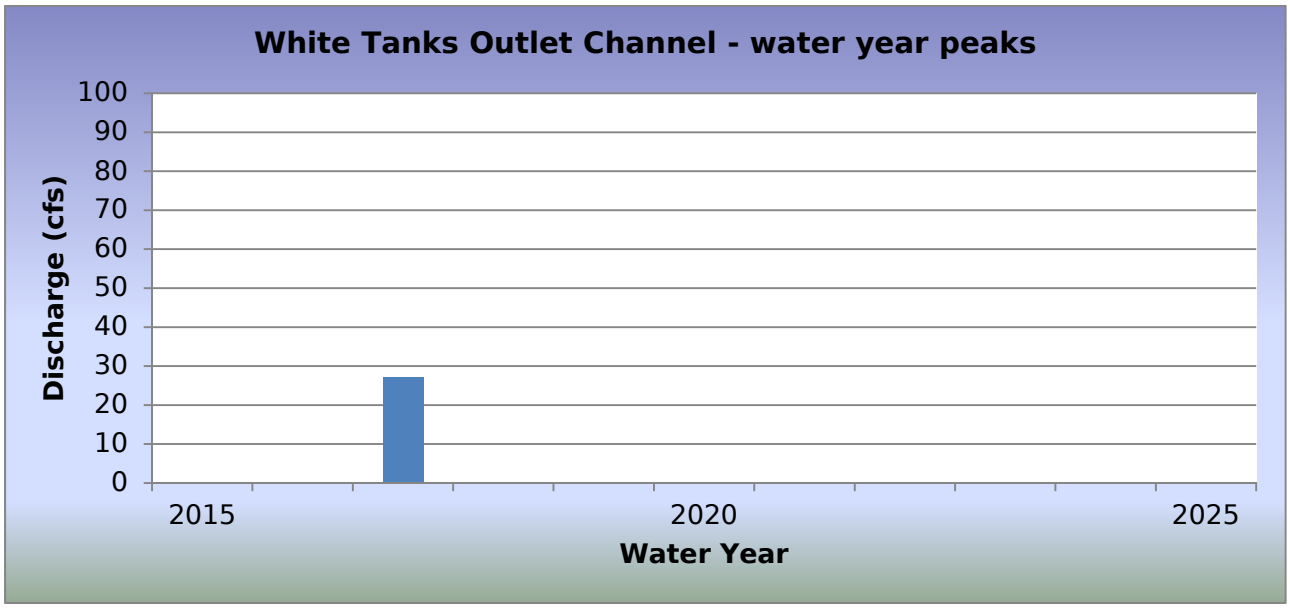


Site Data

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
AVAIALBLE PERIOD OF RECORD	12/07/2016 - Current
LENGTH OF AVAILABLE POR DATA	1.82 Years | 663 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





WY2018 Events

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

Hydrograph of peak WY 2018 flow event,

No runoff recorded during Water Year 2018.

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 cub, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
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 2018 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

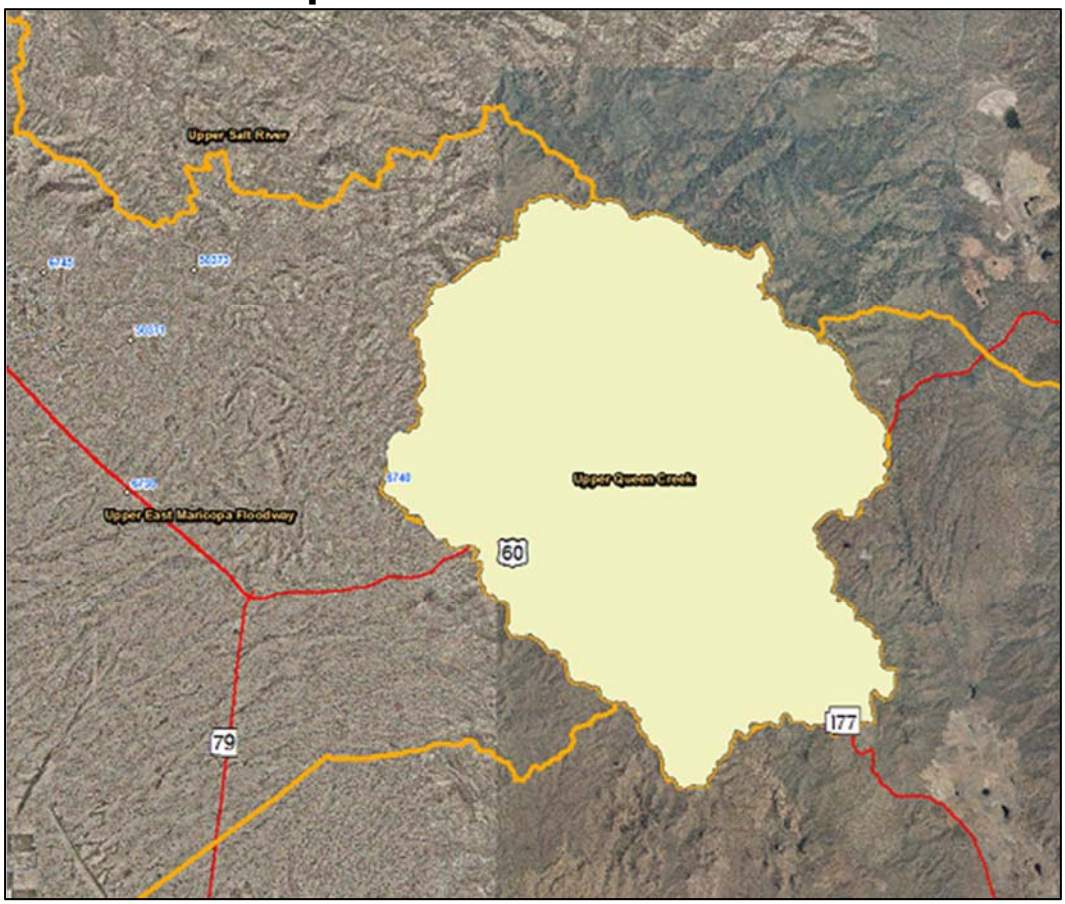
Whitlow Ranch Dam, ID #6739

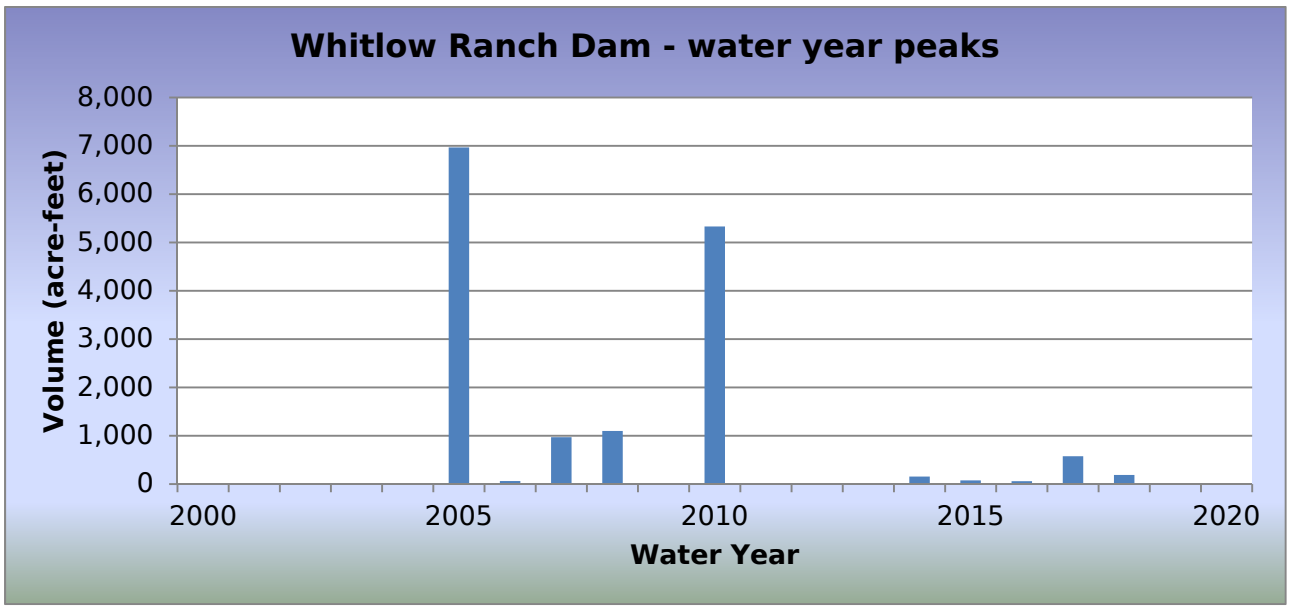


Site Data

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	18.16 Years | 6,634 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

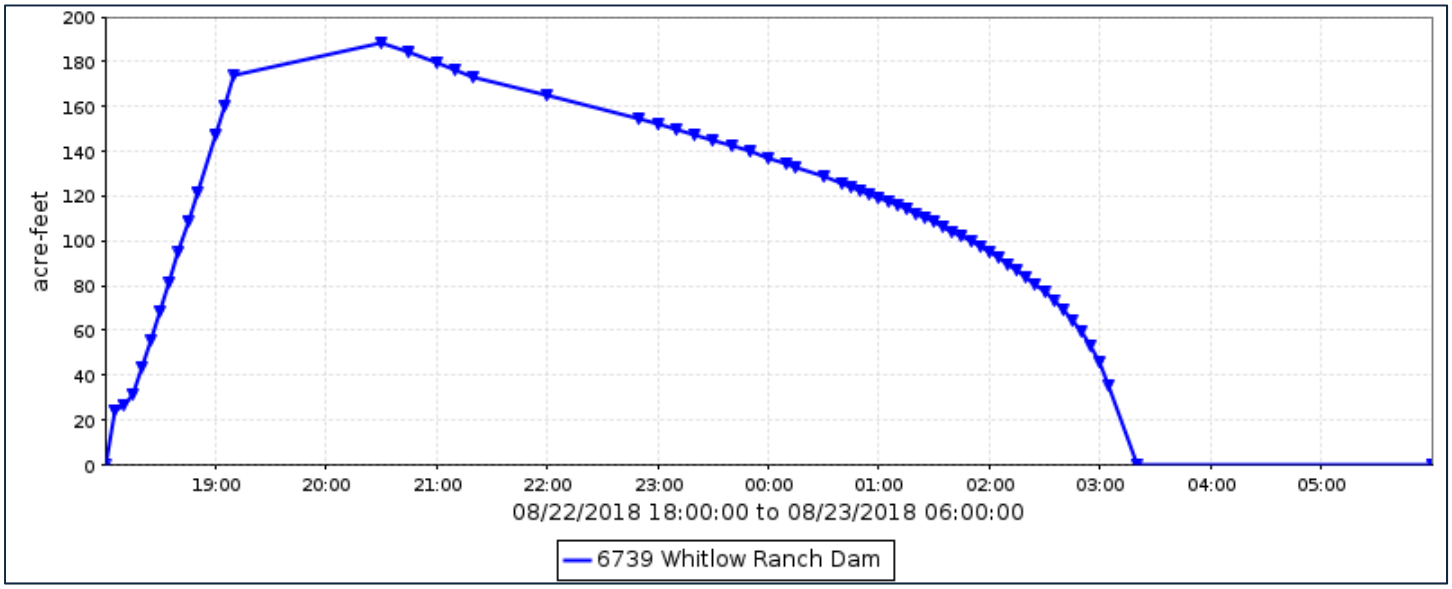




WY2018 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
07/10/2018	14.23	36	0.4
08/22/2018	19.29	188	1.9
08/24/2018	15.58	74	0.8
09/02/2018	17.71	135	1.4

Hydrograph of peak WY 2018 impoundment event, 08/22/2018



Whitlow Ranch Dam, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												130
3												
4												
5												
6												
7												
8												
9												
10										16		
11												
12												
13												
14												
15												
16												---
17												
18												
19												
20												
21												
22											101	
23											53	
24											38	
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	0	0	0	0	0	0	16	192	130
MEAN	0	0	0	0	0	0	0	0	0	1	6	4
MAX	0	0	0	0	0	0	0	0	0	349	423	402
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	0	0	0	32	381	258

WTR YR 2018 TOTAL 339 MEAN 1 MAX 423 MIN 0 AC_FT 671

Whitlow Ranch Dam, volume data

Volume, in acre-feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												36
3												
4												
5												
6												
7												
8												
9												
10										1		
11												
12												
13												
14												
15												
16												---
17												
18												
19												
20												
21												
22											37	
23											14	
24											6	
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
MEAN	0	0	0	0	0	0	0	0	0	0	2	1
MAX	0	0	0	0	0	0	0	0	0	36	188	135
MIN	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 2018 MEAN 0 MAX 188 MIN 0

Whitlow Ranch Dam, stage data

Depth, in feet, Water Year October 2017 to September 2018

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13.0	13.0	13.0	13.0	13.0	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	13.0	14.2
3	13.0	13.0	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	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	---
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	13.0	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	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
22	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	14.3	13.0
23	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.5	13.0
24	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.2	13.0
25	13.0	13.0	13.0	13.0	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	---	13.0	13.0	---	13.0	---	13.0	---	13.0	13.0	---
MEAN	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.1	13.0
MAX	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	14.2	19.3	17.7
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 2018 MEAN 13.01 MAX 19.29 MIN 13.00

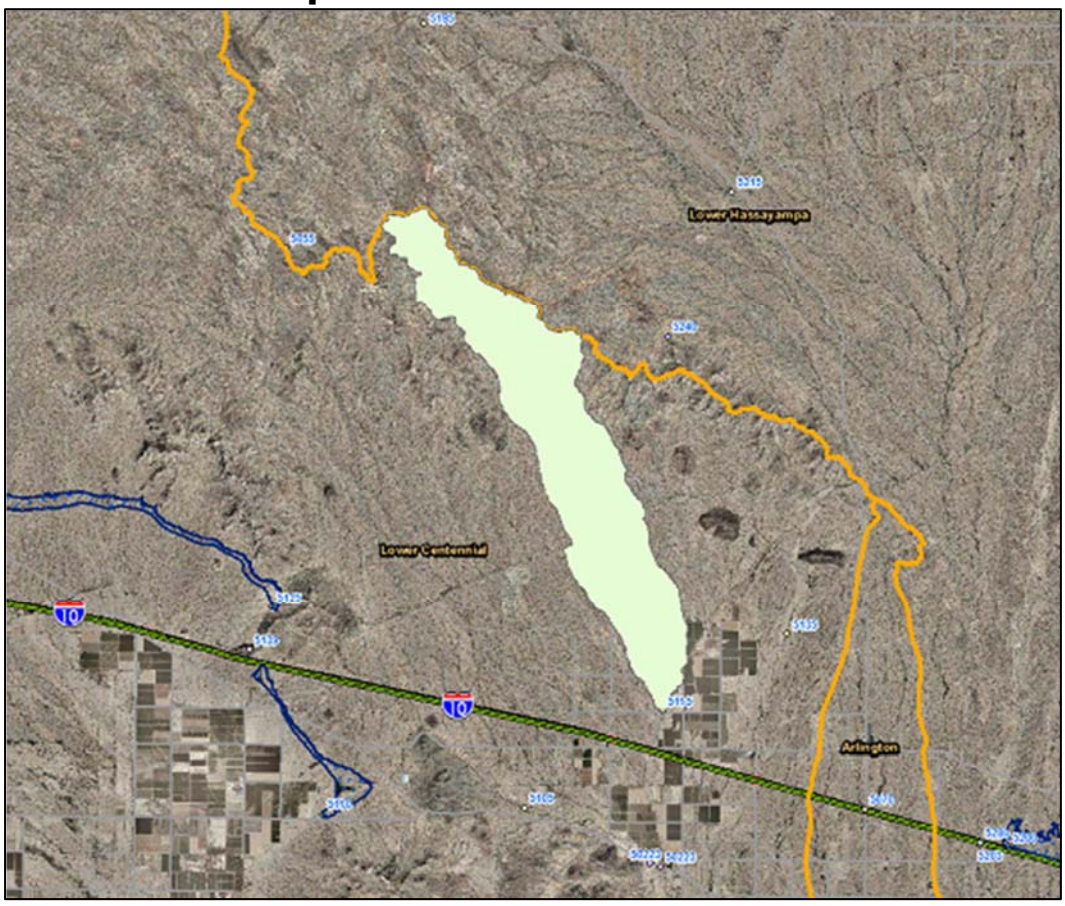
Winters Wash, ID #5118

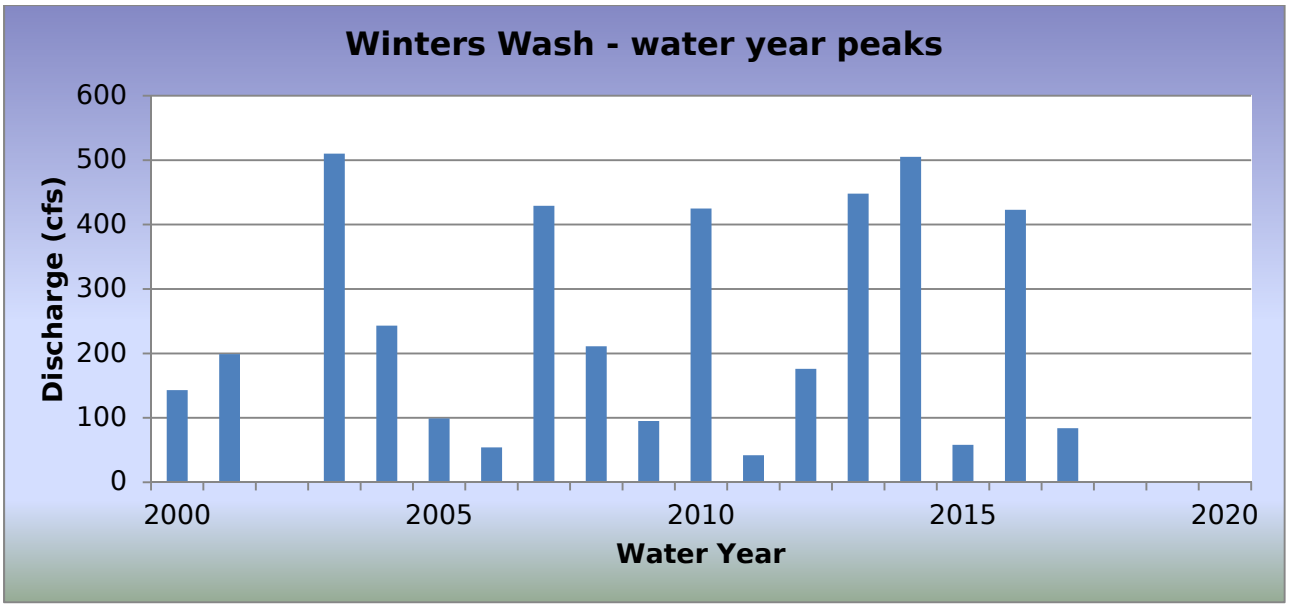


Site Data

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	18.22 Years | 6,656 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





WY2018 Events

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

Hydrograph of peak WY 2018 flow event,

No runoff recorded during Water Year 2018.

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**
163	**345**	**500**	**672**	**929**	**1,140**

NOTE: These results are based on very limited data.

Winters Wash, runoff data

Discharge, in cfs, Water Year October 2017 to September 2018

Daily Mean Values

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

WTR YR 2018 TOTAL 9 MEAN 0 MAX 65 MIN 0 AC_FT 17

End of Report