HYDROLOGIC DATA REPORT
VOLUME II - SURFACE WATER AND STREAMFLOW DATA
WATER YEAR 2023
Revision 2, 11/15/2023

MARICOPA COUNTY
FLOOD CONTROL DISTRICT



Picture #1 (39507), Salt River near Val Vista Dr.
Photo Date: March 13, 2023.

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 29th annual water data report published by the District. Annual reports are available for Water Years 1994 – 2023.

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 into context with historic records at the gage.

Disclaimers:

1. Flood flow frequency estimates 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.

Printed copies of this report may be requested and purchased from:

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Or downloaded from:

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

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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 2 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.

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	208
Total Sensors deployed	218
Sensors on Streams	138
Sensors on Impoundments	70
Stage only sites	7
Sites with multiple water-level sensors	3
Status Sensors	5

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 29th 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 to provide the most accurate data possible. A blank or blanks, represented with ---, within the data set is an indication that data were lost either due to hardware, software, or radio problems, or that the gage had not yet been installed. Where possible, these data are flagged with footnotes describing the time the gage was down.

In the event that published records require revision, revisions are printed in later reports. Listed in the heading for each gage where records have been revised are all the reports in which revisions have been published for the station and the water years to which the revisions apply (e.g. WY1999: WY1994-95 means that the data for Water Years 1994-1995 were revised in the report for Water Year 1999). Revisions will be published in an appendix to the annual report.

Several streamflow gages are operated cooperatively between the FCDMC and the United States Geological Survey (USGS). There are several USGS cooperative sites that also house a District ALERT gage. Additionally, there are several continuous USGS gages that do not have a District ALERT gage at the USGS site. Also, as part of our 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. Only data from FCDMC instruments are reported when both agencies exist.

Table 2: USGS Continuous Stations, WY 2023

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 #67307
Cave Creek below Cottonwood Creek	09512280	33 53 14 / 111 57 12	Yes, ID #20707
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 #65807
Gila River at Estrella Parkway nr Goodyear	09514100	33 23 15 / 112 23 30	Yes, ID #83807
Hassayampa River near Morristown	09516500	33 53 06 / 112 39 41	Yes, ID #45507
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 #24707

Table 3: USGS Annual Peak Stations, WY 2023

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 #74507
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 #59507
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 #51207
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 #27007
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 #40507
Sauceda Wash near Gila Bend	09519760	32 52 14 / 112 45 30	Yes, ID #71007
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 #25007

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.
ALERT	Automated Local Evaluation in Real Time. The data collection system used by the District.
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) & cfs-day	The rate of discharge representing a volume of 1 cubic foot passing a given point during a one-second interval, and is equivalent to approximately 7.48 gallons per second, 448.8 gallons per minute, or 0.02832 cubic meters per second. A cfs-day equals 86,400 cubic feet or 1.98 acre feet
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 activities 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 benchmarks 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 by an 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 purpose-built structure containing sensors that make systematic observations of hydrologic data.
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 runoff event.
Period of Record (POR)	The time period for which data exists for a given stream gaging or impoundment station.
Pressure Transducer	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	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.
Sensor	A sensor, in terms of stream-gaging, is a device that detects the presence and/or depth of water, and could be a transducer, a bubbler-line, a status sensor, a RADAR device, a float device (USGS), or other mechanism that responds to the presence of water.

Staff Gage	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	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-Only Site	Sites that only measure stage, but no discharge or volume. Sites would include two Game and Fish water troughs, two underpass sites in downtown Phoenix, and three sites with status sensors, but no other sensor types.
Stage-Storage Relationship	The relation between gage height (stage) and the volume of water stored behind or within a flood control impoundment structure.
Station	See 'Gage Station, or Station' in the table above.
Status Sensor	A device that trips a switch 'on' when a float on the sensor is actuated by rising water level. Conversely, the switch is 'off' when the water level falls below the levels of the float. Is used to indicate that water has reached a pre-determined level.
Streamflow	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	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, 2022 and ending September 30, 2023, is called the "2023 Water Year."

FIGURE 1: FCDMC STREAMFLOW AND IMPOUNDMENT GAGE LOCATIONS – WY 2023

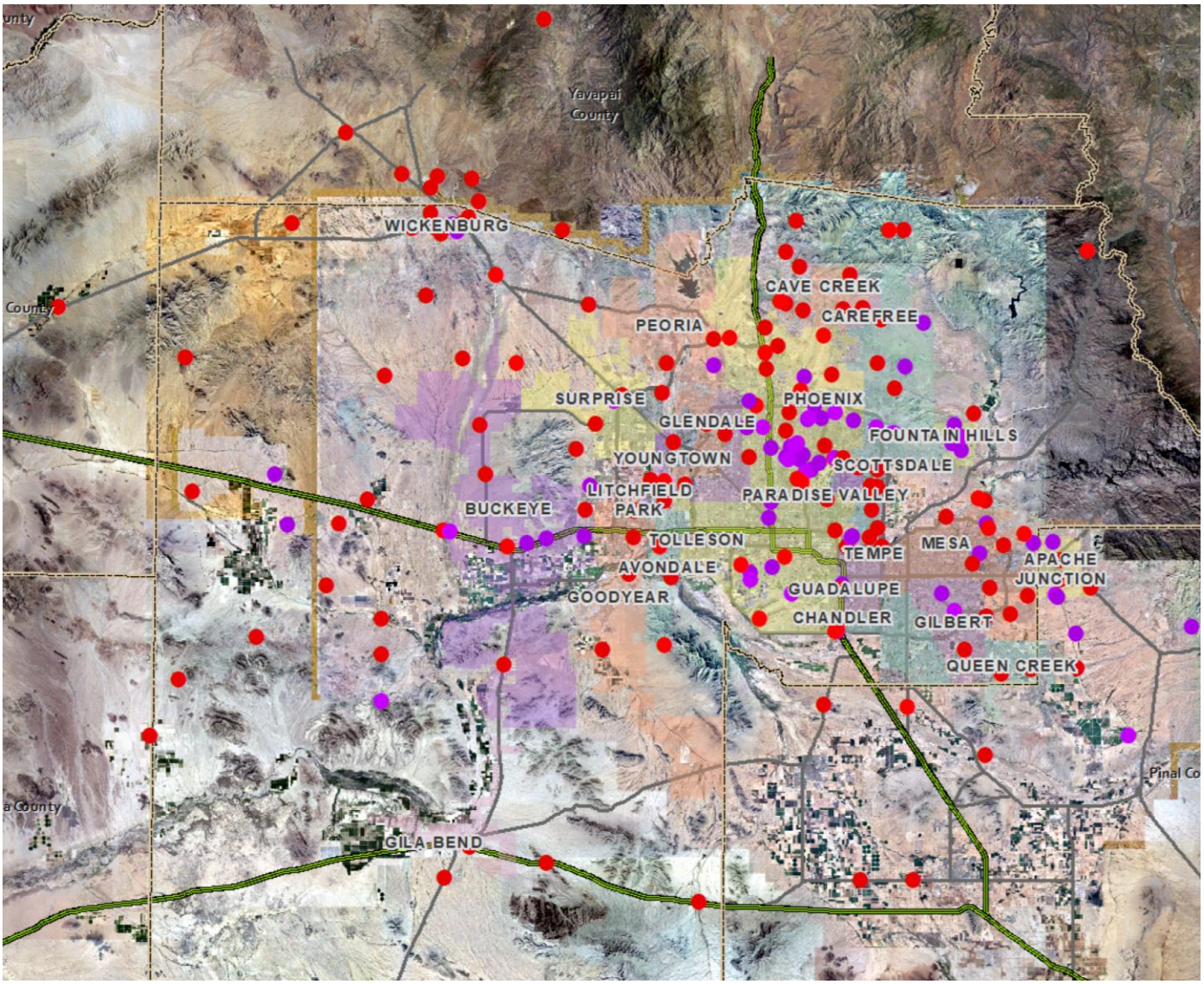


Figure 1. FCDMC streamflow and impoundment gage location map

●	Streamflow Station
●	Impoundment / Storage Station

New Installations in Water Year 2023

Table 5: New Installations

Station	Sensor ID	Date Installed	Requesting Agency
Buckeye Floodway	44307	02/07/2023	

Station Changes in Water Year 2023

- Added Buckeye Floodway, Station No. 50443
- Removed UPRR Underpass at First Avenue, Station No. 50031
- Removed UPRR Underpass at Central Avenue, Station No. 50032
- Removed Salt River at 67th Avenue, Station No. 50058
- Removed Dysart Drain @ El Mirage, Station No. 50857

Revisions To Previous Editions of This Report

- None

Gage Stations included in this report.

Arizona Canal Diversion Channel at 36th Street, ID #10007 1
Arizona Canal Diversion Channel at 14th Street, ID #10507 5
Arizona Canal Diversion Channel at 43rd Avenue, ID #11307 9
Arizona Canal Diversion Channel at 67th Avenue, ID #13807 13
Adobe Dam Pool, ID #65017 18
Adobe Dam Outlet, ID #65007 23
Agua Fria River at Grand Avenue, ID #14707 27
Agua Fria River at Buckeye Road, ID #85307 31
Amigos Wash, ID #80507 35
Antelope Creek, ID #55207 39
Apache Junction FRS, ID #81307 43
Apache Trail, ID #36507 49
Aspen Dam, ID #78707 53
Baseline Road at 43rd Avenue Basin, ID #66407 59
Bender Wash, ID #40507 65
Berneil Wash, ID #59207 69
Blue Tank Wash, ID #52707 73
Box Wash, ID #47507 77
Buckeye Floodway, ID #44307 81
Buckeye FRS #1, ID #44007 85
Buckeye FRS #2, ID #44507 91
Buckeye FRS #3, ID #48807 97
Bullard Wash at Indian School Road, ID #89507 103
Bullard Wash at Van Buren Street, ID #89207 107
Camelback Road at 24th Avenue Basin, ID #6807 111
CAP Reach #11 Dike #1, ID #8407 117
CAP Reach #11, Dike #2, ID #58607 123
CAP Reach #11, Dike #3, ID #60107 129
CAP Reach #11, Dike #4, ID #59807 135
Casandro Wash, ID #52007 141
Casandro Dam, ID #53007 145
Cave Buttes Dam Pool, ID #19517 151
Cave Buttes Dam Outlet, ID #19507 156
Cave Creek at Ashdale Ranger Station, ID #21307 160
Cave Creek at Spur Cross, ID #20707 164

Cave Creek, ID #19007 168
Cave Creek near Cave Creek, ID #20507 172
Cave Creek at CAP, ID #19807 176
Cave Creek near Union Hills Drive, ID #8007 180
Cave Creek at Cactus Road, ID #11807 184
Centennial Wash near Aguila, ID #29007 188
Centennial Wash at Wenden, ID #27507 192
Centennial Levee, ID #25707 196
Centennial Railroad, ID #24707 200
Centennial Tributary at Dobbins Road, ID #22807 204
Cline Creek, ID #66007 208
Colter Channel at El Mirage Road, ID #85507 212
Columbus Wash, ID #40807 216
Copper Wash, ID #41007 220
Crossroads Park Basin, ID #33007 224
Cruff Wash, ID #23707 229
Daggs Wash, ID #48507 233
Deadman Wash @ Loop 303, ID #62107 237
Delaney Wash, ID #25007 241
Desert Hills Wash, ID #19307 245
Dreamy Draw Dam, ID #9807 249
Dysart Drain at LAFB, ID #85807 255
Dysart Drain at El Mirage Road, ID #85707 259
East Fork Cave Creek Basin #1, ID #7807 263
East Fork Cave Creek Basin #3A, ID #8807 269
East Fork Cave Creek Basin #3B, ID #8707 275
East Fork Cave Creek Basin #4, ID #8207 281
East Fork Cave Creek near 7th Avenue, ID #8507 287
El Mirage Road Drain, ID #14507 291
East Maricopa Floodway at Broadway Road, ID #34307 295
East Maricopa Floodway below Powerline Floodway, ID #33707 299
East Maricopa Floodway at Queen Creek Road, ID #34807 303
East Maricopa Floodway at Arizona Avenue, ID #35507 307
Estrella Fan, ID #84207 311
Flying E Wash, ID #51707 315
Ford Canyon Wash, ID #86207 319
Fourth of July Wash, ID #41207 323

Freestone Basin, ID #32807 327
Galloway Wash at Galloway Road, ID #20607 332
Gila River at Olberg Road, ID #42007 336
Gila River at Maricopa Road, ID #41707 340
Gila River at 116th Avenue, ID #70707 344
Gila River at Estrella Parkway, ID #83807 348
Golden Eagle Park Dam, ID #78007 352
Grand Avenue at 27th Avenue Basin, ID #3807 358
Granite Reef Diversion, ID #75007 364
Granite Reef Wash, ID #57507 368
Greene Wash at SR 84, ID #64007 372
Guadalupe Channel, ID #35707 376
Guadalupe FRS, ID #68207 380
Harquahala FRS, ID #26007 386
Hartman Wash, ID #51207 392
Hassayampa River at Wagoner, ID #54307 396
Hassayampa River at Box Canyon, ID #53507 400
Hassayampa River at US60, ID #45707 404
Hassayampa River near Morristown, ID #45507 408
Hassayampa River at I-10, ID #48007 412
Hesperus Dam, ID #79007 416
Indian Bend Wash at Sweetwater Avenue, ID #58307 422
Indian Bend Wash at Shea Boulevard, ID #59507 426
Indian Bend Wash near Indian Bend Road, ID #56307 430
Indian Bend Wash at McDonald Drive, ID #57207 434
Indian Bend Wash at Indian School Road, ID #56507 438
Indian Bend Wash near McKellips Road, ID #55707 442
Indian Bend Wash Interceptor Channel, ID #56807 446
Jackrabbit Wash, ID #45007 450
Lake Margherite, ID #59007 454
Laveen Basin, ID #67807 458
Magma FRS, ID #42307 464
Martinez Wash, ID #49507 470
McDowell Mountain Road, ID #76007 474
McMicken Dam at Bell Road, ID #71507 478
McMicken Dam, ID #71707 482
McMicken Floodway, ID #71307 488

Mineral Canyon Basin, ID #68807 492
New River Fire, ID #62707 498
New River @ Loop 303, ID #62213 502
New River Dam Pool, ID #62017 506
New River Dam Outlet, ID #62007 511
New River at Bell Road, ID #61707 515
New River at Glendale Avenue, ID #61507 (transducer), #61513 (radar) 519
North Heights Dam, ID #78207 524
Old Crosscut Canal near McDowell Road, ID #4707 530
Paradise Lane at 33rd Drive Basin, ID #12407 534
Paradise Lane at 47th Avenue Basin, ID #13707 540
Pecos Sediment Basin, ID #70007 546
Pecos Basin Pool, ID #70017 552
Pecos North Inflow, ID #69307 558
Pecos East Inflow, ID #69507 562
Pecos West Inflow, ID #69807 566
Phoenix Dam #2A, ID #8907 570
Phoenix Dam #2B, ID #9907 576
Phoenix Dam #3, ID #11507 582
Phoenix Dam #4, ID #12207 588
Phoenix Dam #7, ID #13307 594
Phoenix Dam #99, ID #12707 600
Phoenix East Park Dam, ID #13007 606
Phoenix West Park Dam, ID #13507 612
Phoenix Zoo Dam #3, ID #4307 618
Phoenix Zoo Dam #5, ID #4407 624
Picacho Wash, ID #74207 630
Pima Canyon Wash, ID #68707 634
Powder House Wash, ID #52507 638
Powerline Floodway, ID #37507 642
Powerline FRS, ID #36807 646
Price Drain @ Loop 202, ID #31507 652
Prickly Pear Wash, ID #8107 656
Queen Creek at CAP, ID #38007 660
Queen Creek at Rittenhouse Road, ID #37707 664
Rainbow Wash, ID #42807 668
Rawhide Wash, ID #61007 672

Reata Pass Dam, ID #61207 676
Reata Pass Wash, ID #60007 682
Red Mountain Freeway Levee at McDowell Road, ID #80007 686
Red Mountain Freeway Levee at McKellips Road , ID #79807 692
Red Mountain Freeway Levee at Brown Road, ID #81507 698
Rittenhouse FRS, ID #37207 704
Roeser Road at 23rd Avenue Basin, ID #66807 710
Saddleback FRS, ID #25207 716
Salt River below Granite Reef Dam, ID #75307 722
Salt River at Val Vista Drive, ID #39507 726
Salt River at Priest Drive, ID #67307 730
Salt River at 7th Avenue, ID #68007 734
Salt River at 51st Avenue, ID #5307 738
Salt River at 67th Avenue, ID #5807 742
Sand Tank Wash at I-8, ID #40007 746
Santa Cruz River at SR84, ID #63807 750
Sauceda Wash, ID #71007 754
Scatter Wash, ID #14007 758
Seven Springs Wash, ID #21807 762
Signal Butte FRS, ID #79507 766
Siphon Draw Wash at Signal Butte Road, ID #37607 772
Skunk Creek near New River, ID #66207 776
Skunk Creek at Desert Hills Drive, ID #64807 780
Skunk Creek at Carefree Highway, ID #65707 784
Skunk Creek at Dixileta Drive, ID #64907 788
Skunk Creek at I-17, ID #65807 792
Skunk Tank Wash, ID #64707 796
Sols Wash at SR71, ID #47707 800
Sols Tributary at US93, ID #50007 804
Sols Wash near Matthie, ID #50807 808
Sonoqui Wash near Hawes Road, ID #36307 812
Sonoran Wash, ID #65907 816
South Mountain Fan, ID #70507 820
Spookhill FRS, ID #74707 824
Stagecoach Wash, ID #20007 830
Stoneridge Dam, ID #77307 834
Sun Valley Parkway at Northern Avenue, ID #48307 840

Sunnycove FRS, ID #46507 844
Sunridge Canyon Dam, ID #77507 850
Sunset FRS, ID #46007 856
Sycamore Creek Fire, ID #81807(transducer), 81813(radar) 862
Tatum Wash Basin Inflow, ID #58007 867
Tatum Wash Basin, ID #58507 871
Tenth Street Wash Basin #1, ID #11007 877
Tiger Wash, ID #27007 883
Twin Buttes Wash, ID #73207 887
University Drive at 62nd Street Basin, ID #34607 891
Upper Trilby Wash, ID #73807 897
UPRR Underpass at First Avenue, ID #3107 901
UPRR Underpass at Central Avenue, ID #3207 905
US60 at Gold Canyon, ID #36907 909
Vekol Wash, ID #74507 913
Vineyard FRS, ID #37007 917
Vulture Mine Road, ID #47007 923
Wagner Wash at Sun Valley Parkway, ID #44707 927
Waterman Wash at Rainbow Valley Road, ID #83307 931
Weekes Wash at Baseline Road, ID #39207 935
White Tanks FRS #3, ID #87307 939
White Tanks FRS #4, ID #87807 945
White Tank Outlet Channel, ID #87407 951
Whitlow Ranch Dam, ID #63307 955
Winters Wash, ID #25507 961

SUMMARY OF SIGNIFICANT STREAMFLOW EVENTS

Rainfall and runoff in Maricopa County normally occur primarily in the winter and summer seasons. Occasionally, significant rainfall occurs during the transitional season following the summer monsoon.

In summary, Water Year 2023 was a year of extremes both in terms of weather and runoff events. The winter was one of the wettest seasons followed by one of the driest monsoons on record.

The water year got off to a promising start with an event on the 15th of October that hit the western portion of the county leading to new extremes for two stream gages and several impoundments around the county. A number of smaller precipitation events occurred throughout the months of October, November, and December with the next event of note occurring on January 2nd. This event caused impoundments but little actual stream flow, affecting mostly the southeast of the county. These low-intensity longer duration storms occurred regularly throughout the months of January, February, and March across both the lower deserts, including the Phoenix Valley, as well as the higher terrain to the north and east of the County. Many of the reservoirs along the upper Salt River approached capacity due to the intermittent rain in the valleys and the snow in the mountains. In response the Salt River Project (SRP) conducted large releases of water from their reservoirs. Releases started on 03/01/2023 and ended on 05/11/2023 resulting in the most notable flow events of the water year. Each of the downstream Salt gaging sites registered flow. Most measured the extreme for their period of record. The Gila River past the confluence with the Salt also registered major flows, though not extremes of record. During the multi-month dam release, there were several additional precipitation events. The most notable event occurred on March 22nd, predominantly affecting Cave Creek, New River, and the Hassayampa River. After the wet winter and spring, the Valley experienced a very dry monsoon season. The only noteworthy runoff event occurred on 1st of September where a heavy rain fell across north central Maricopa County leading to flows in Skunk Creek and Deadman Wash.

Table 6: Stations with Flow Events Recorded

Stations recording flow in winter:	147	70.7 %
Stations with no flow in winter:	61	29.3 %
Stations recording flow in summer:	72	35.1 %
*Stations with no flow in summer:	133	64.9 %

* Three stations removed before summer monsoon started

49 (forty-nine) stations recorded no runoff in Water Year 2023.

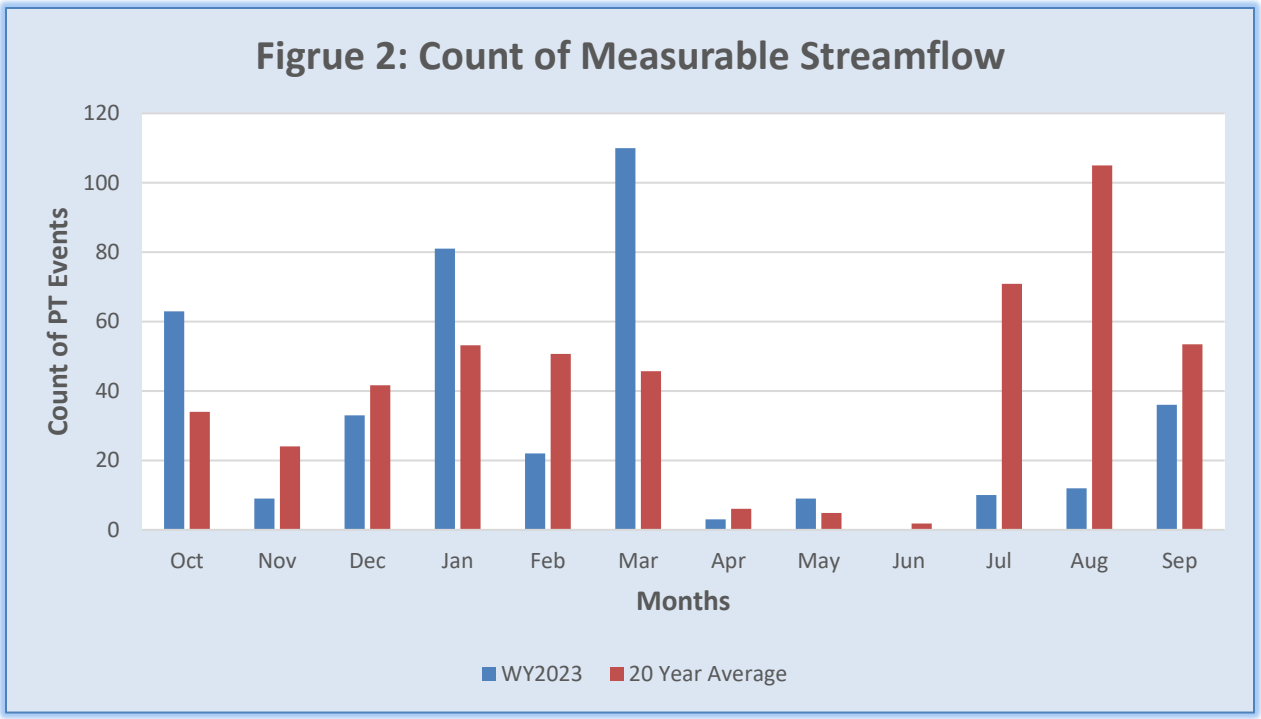


Figure 2: The bar graph above compares the monthly count of measurable streamflow and impoundment events this water year verses the 20-year average. Only gages with 20 years of history were used.

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

Table 7: Maximum Flows Recorded this Water Year

Maximum Flows for Water Year 2023 at Selected FCDMC Water Level Sensor Locations

Red values are peaks of record

Location	Discharge (cfs)	Stage (feet)	Date
Centennial Railroad, ID #24707	4,315	13.00	10/16/2022
Cruff Wash, ID #23707	448	3.25	10/15/2022
EMF at Queen Creek Road, ID #34807	1,339	2.98	10/16/2022
Rainbow Wash, ID #50428	2,368	4.42	10/15/2022
Tiger Wash, ID #27007	587	6.06	10/15/2022
Upper Trilby Wash, ID #73807	419	1.62	10/15/2022
Waterman Wash @ Rainbow Valley Road, ID #50833	1,700	7.25	10/15/2022
Winters Wash, ID #25507	1,400	4.27	10/15/2022
Cave Creek at Ashdale Ranger Station, ID #21307	2,072	6.80	03/22/2023
Cave Creek at Spur Cross, ID #20707	2,887	9.07	03/22/2023
Cave Creek (in town of Cave Creek), ID #19007	3,715	6.97	03/22/2023
Cave Creek near Cave Creek, ID #20507	1,569	3.54	03/22/2023
Hassayampa R. @ Box Canyon, ID #53507	8,097	10.26	03/22/2023
Hassayampa R. @ US 60, ID #45707	15,907	4.29	03/22/2023
Hassayampa R. near Morristown, ID #45507	7,903	12.25	03/22/2023
New River Fire, ID #62707	9,661	5.80	03/22/2023
New River Dam Outlet, ID #62007	1,097	8.68	03/22/2023
New River at Bell Road, ID #61707	2,033	2.18	03/22/2023
New River at Glendale Avenue, ID #61507	1,478	3.49	03/23/2023
Seven Springs Wash, ID #21807	5,778	3.21	03/22/2023
Gila R. @ 116th Ave., ID #70707	40,647	8.39	03/23/2023
Gila R. @ Estrella Pkwy., ID #83807	56,396	15.31	03/24/2023
Salt River below Granite Reef Diversion, ID #75307	30,748	19.25	03/23/2023
Salt River at Val Vista Drive, ID #39507	35,564	14.13	03/23/2023
Salt River at Priest Drive, ID #67307	63,246	11.69	03/23/2023
Salt River at 7th Avenue, ID #68007	39,558	20.44	03/23/2023
Salt River at 51st Avenue, ID #5307	39,431	15.21	03/23/2023
Salt River at 67th Avenue, ID #5807	5,807	13.00	03/23/2023

Deadman Wash at SR303L, ID #62107	**3,607**	**3.28**	**09/01/2023**
Skunk Creek at Desert Hills Drive, ID #64807	**1,435**	**3.94**	**08/31/2023**
Skunk Creek at Carefree Highway, ID #65707	**1,156**	**3.71**	**09/01/2023**
Skunk Creek at Dixileta Drive, ID #64907	**965**	**3.00**	**09/01/2023**
Skunk Creek at I-17, ID #65807	**986**	**2.13**	**09/01/2023**
Skunk Tank Wash, ID #64707	**674**	**7.09**	**08/31/2023**

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

Maximum Impoundments for Water Year 2023 at Selected FCDMC Water Level Sensor Locations

Red values are peaks of record

Location	Discharge (cfs)	Stage (feet)	Contents (ac-ft)	Contents (%full)	Date
Buckeye FRS #1, ID #44007	41	2.99	160.0	2.5	10/15/2022
Buckeye FRS #2, ID #44507	42	1.35	7.8	0.6	10/16/2022
Harquahala FRS, ID #26007	0	7.02	1.9	0.0	10/16/2022
Laveen Basin, ID #67807	12	4.81	10.5	8.3	10/16/2022
Powerline FRS, ID #36807	14	1.20	73.6	1.2	10/15/2022
Red Mountain Freeway Levee at McDowell Road, ID #80007	37	2.24	23.2	0.4	10/16/2022
Red Mountain Freeway Levee at McKellips Road, ID #79807	41	2.03	43.1	1.1	10/16/2022
Red Mountain Freeway Levee at Brown Road, ID #81507	46	1.99	99.3	1.5	10/15/2022
White Tanks FRS #4, ID #87807	0	4.95	39.7	2.7	10/16/2022
Freestone Basin, ID #32807	12	7.61	11.9	7.2	01/02/2023
Magma FRS, ID #42307	28	3.81	5.8	0.2	01/02/2023
Rittenhouse FRS, ID #37207	105	9.71	447.8	11.7	01/02/2023
Vineyard FRS, ID #37007	25	2.02	335.5	7.4	01/02/2023
Whitlow Ranch Dam, ID #63307	393	17.14	118.7	1.3	01/02/2023
Paradise Lane at 33rd Drive Basin, ID #12407	20	2.17	19.2	22.8	03/01/2023
Phoenix Dam #2A, ID #8907	15	3.3	5.3	8.8	03/01/2023
Phoenix Dam #3, ID #11507	34	4.31	1.2	2.0	03/01/2023
Phoenix Dam #4, ID #12207	14	2.79	0.7	1.8	03/01/2023
Phoenix Dam #7, ID #13307	26	3.25	0.8	0.4	03/01/2023
Phoenix West Park Dam, ID #13507	5	0.98	1.5	1.3	03/01/2023
New River Dam Pool, ID #62017	210	5.10	162.4	0.3	03/16/2023
Sunnycove FRS, ID #46507	0	11.95	10.8	5.0	03/16/2023
Sunset FRS, ID #46007	18	8.70	11.6	16.5	03/15/2023

Note: Many stations recorded multiple events. These include 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.

The data tables included with each gage are 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.

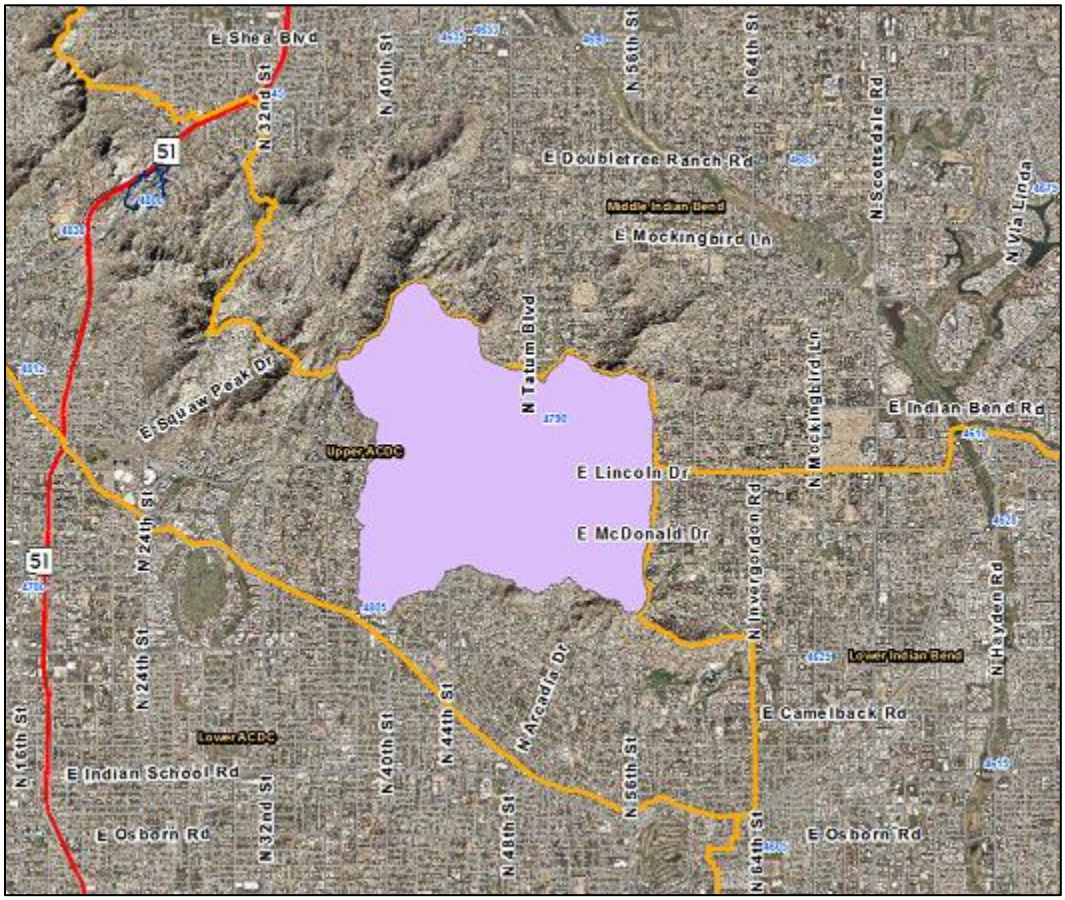
Arizona Canal Diversion Channel at 36th Street, ID #10007

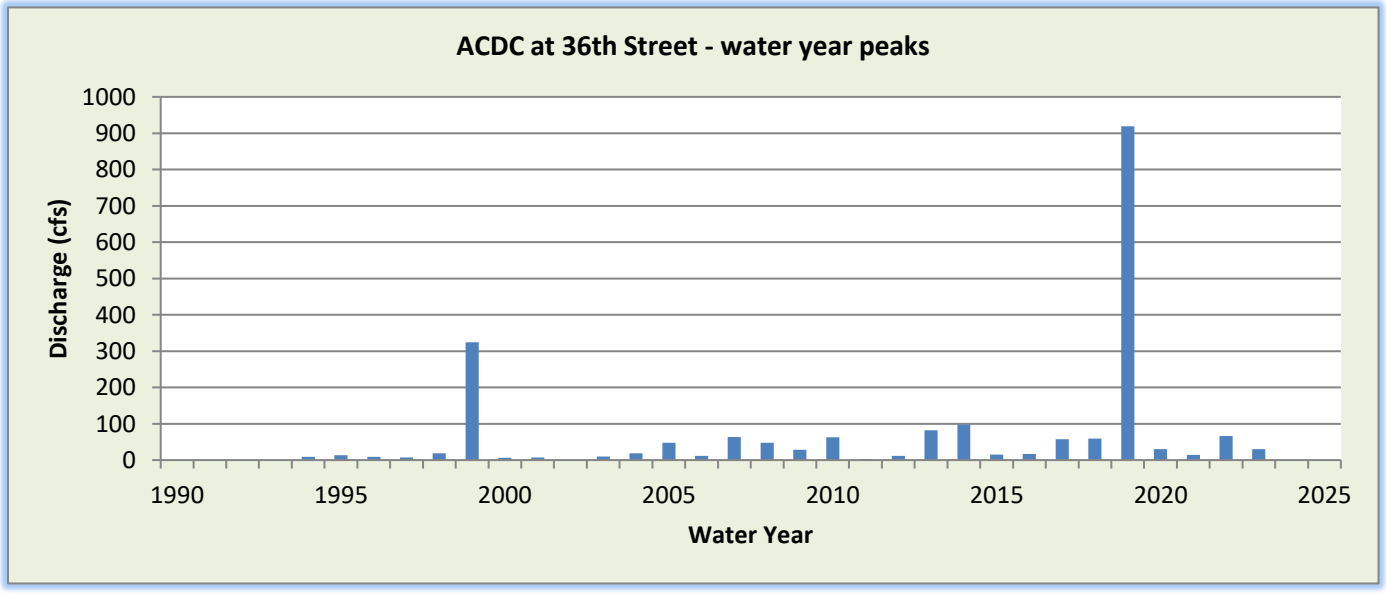


Site Data

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
ARIZONA STATE PLANE	E 674711 | N 914440
USGS QUAD SHEET	Paradise Valley 7.5-Minute
STREAMGAGE INSTALLATION DATE	02/24/1994 – WY 1994
PERIOD OF AVAILABLE DATA RECORD	02/24/1994 – Current
LENGTH OF AVAILABLE DATA RECORD	29.60 Years | 10,811 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.12 feet Gage Height
STAFF GAGES	1
CREST STAGE GAGES	2
ZERO GAGE HEIGHT ELEVATION	1,237.697 feet NAVD88
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	919 cfs | 7.89 feet | 10/02/2018

Watershed Map

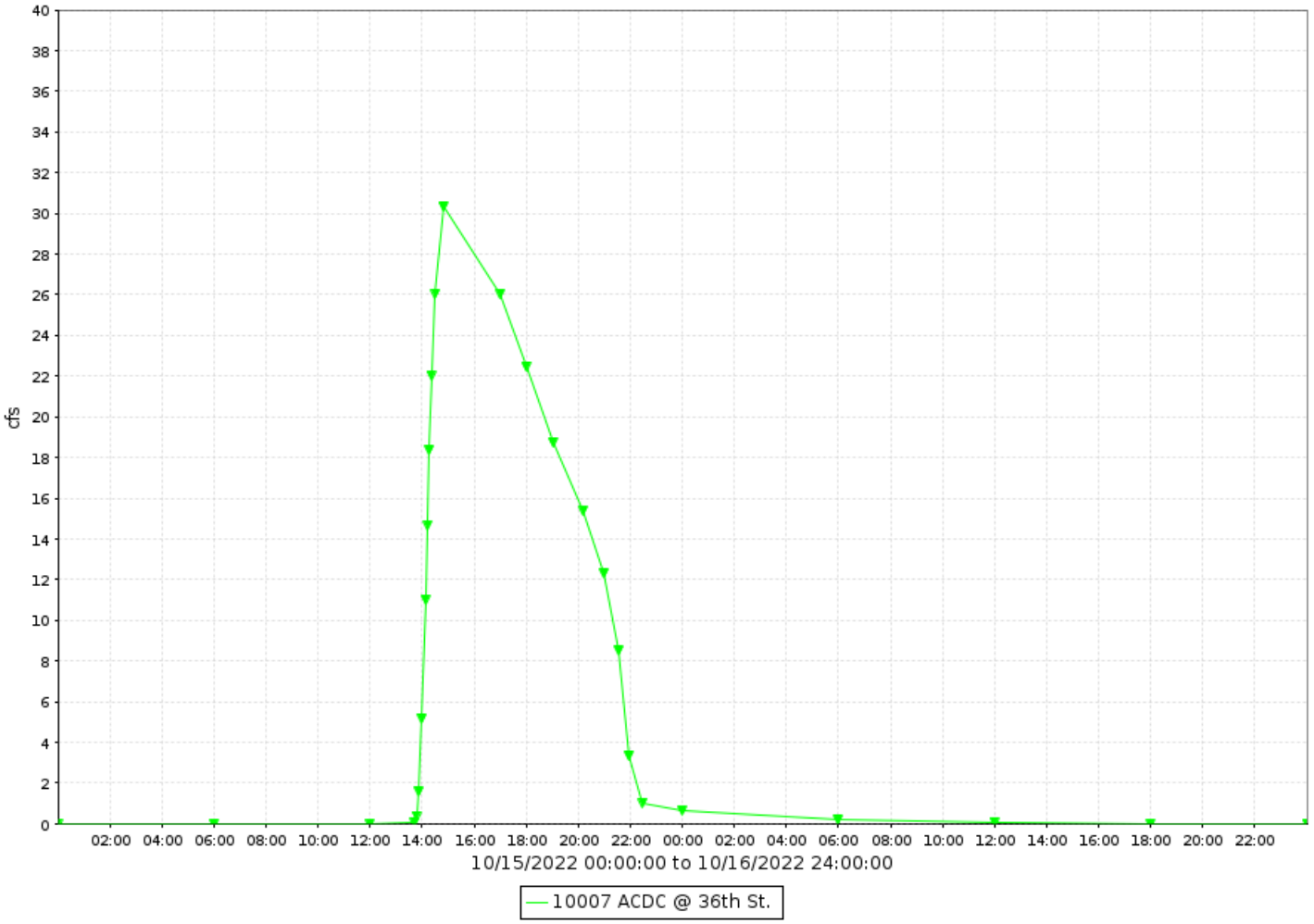




WY2023 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
10/15	2.59	30
7/27	1.54	13

Hydrograph of peak WY 2023 flow event, 10/15/2022



ACDC at 36th Street, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

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												
11												
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21												
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23												
24												
25												
26												
27										2		
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	8	0	1	0	0	0	0	0	0	3	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	30	0	1	0	0	1	0	0	0	13	1	1
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	15	0	1	1	0	1	0	0	0	5	1	0

WTR YR 2023 TOTAL 12 MEAN 0 MAX 30 MIN 0 AC_FT 24

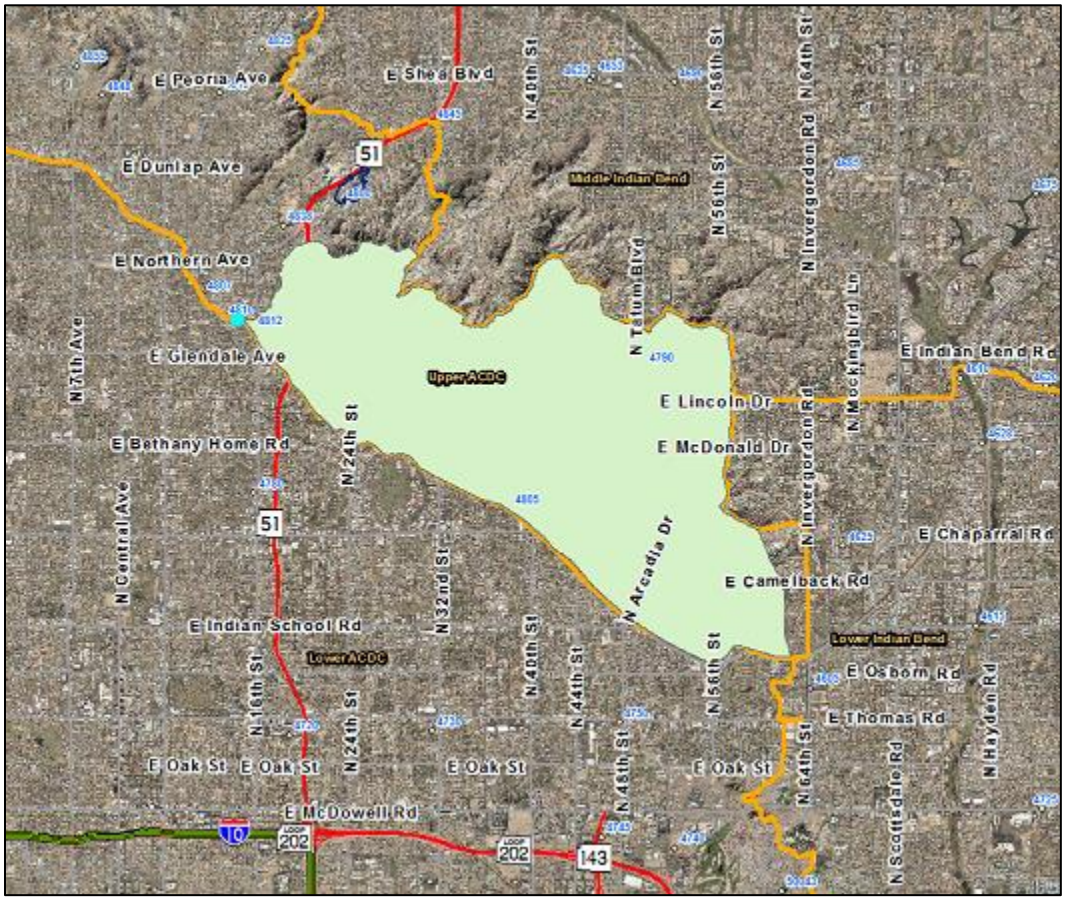
Arizona Canal Diversion Channel at 14th Street, ID #10507

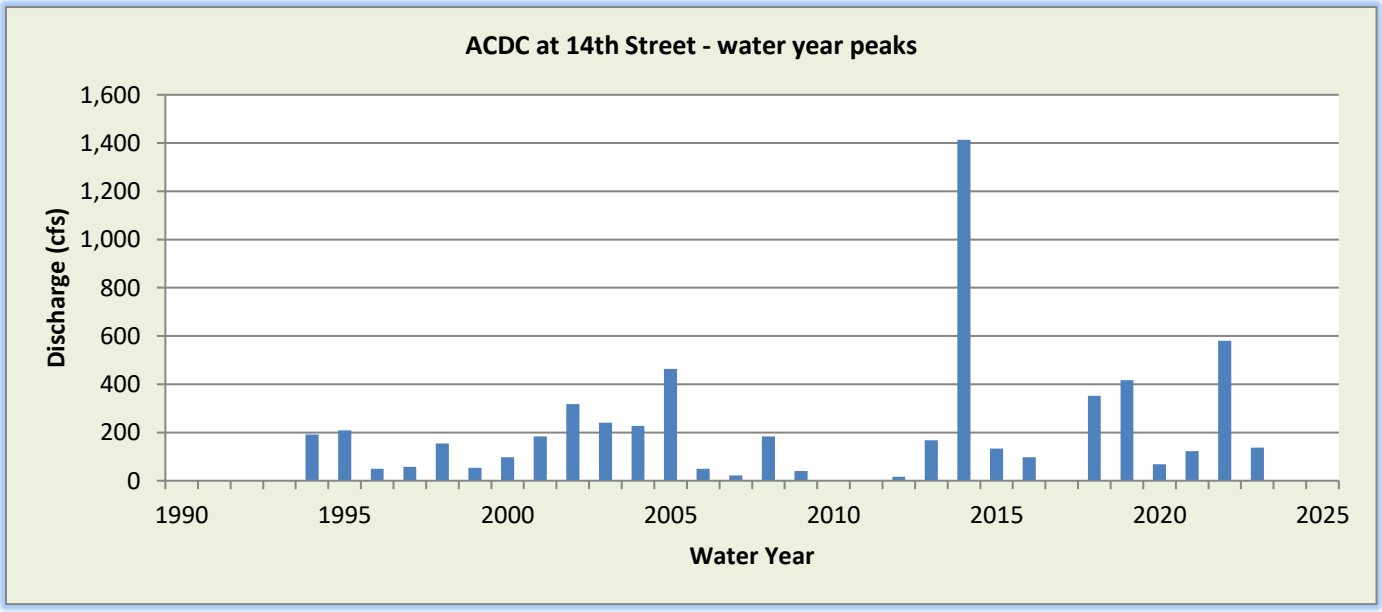


Site Data

LOCATION	Near 14th Street and Orangewood Avenue
DRAINAGE AREA	13.6 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
ARIZONA STATE PLANE	E 658947 | N 925374
USGS QUAD SHEET	Sunnyslope 7.5-Minute
STREAMGAGE INSTALLATION DATE	02/09/1994 – WY 1994
PERIOD OF AVAILABLE DATA RECORD	02/09/1994 – Current
LENGTH OF AVAILABLE DATA RECORD	29.64 Years | 10,826 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.40 feet Gage Height
STAFF GAGES	One
CREST STAGE GAGES	One
ZERO GAGE HEIGHT ELEVATION	1,215.807 feet NAVD88
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

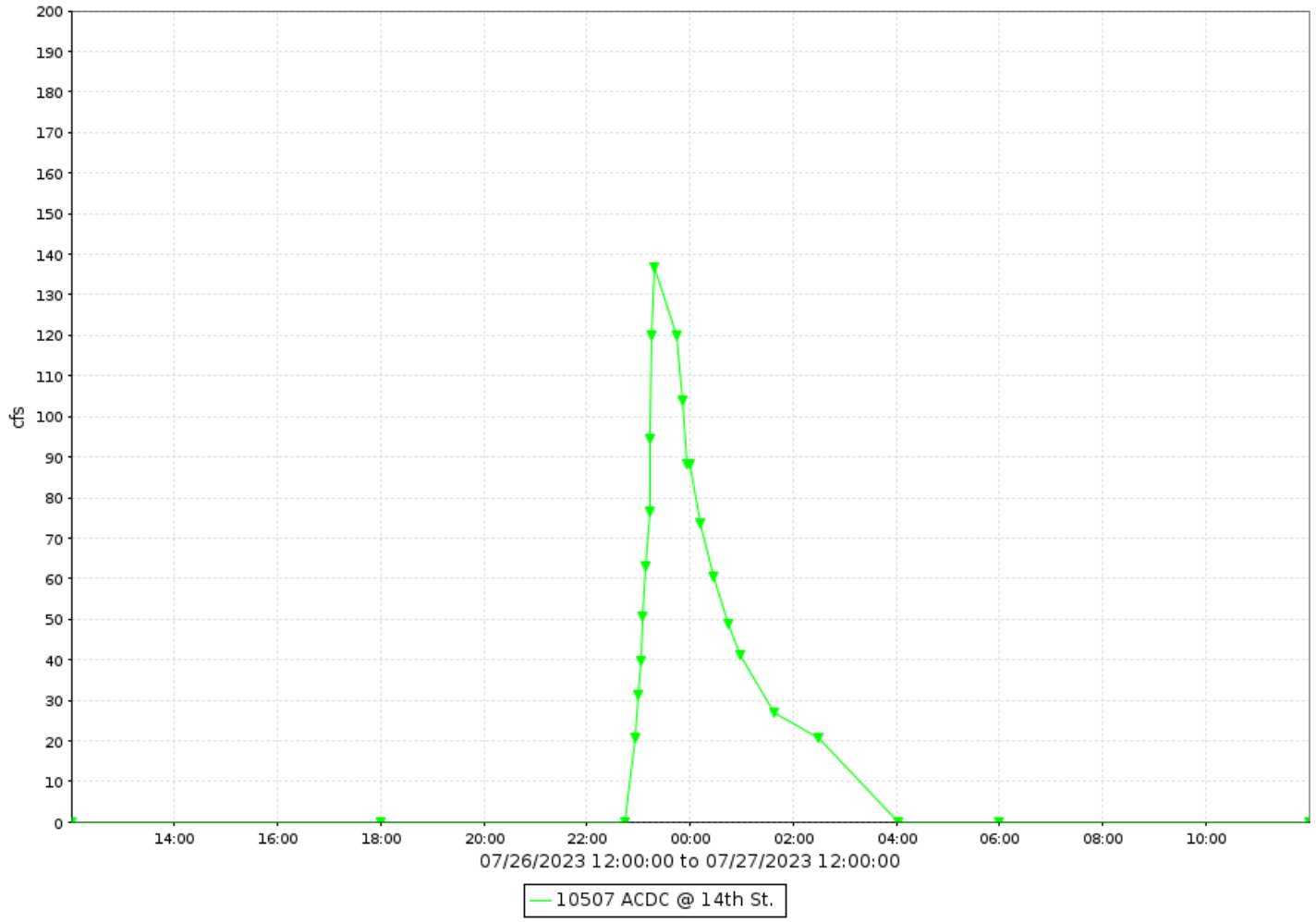




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
3/1	0.97	46
7/26	1.77	137

Hydrograph of peak WY 2023 flow event, 07/26/2023



ACDC at 14th Street, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1						28						
2						16						
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
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21												
22												
23												
24												
25												
26										5		
27										6		
28					12							
29					---							
30					---							
31		---			---		---		---		1	---
TOTAL	0	0	0	0	12	43	0	0	0	11	1	0
MEAN	0	0	0	0	0	1	0	0	0	0	0	0
MAX	0	0	0	0	23	46	0	0	0	137	21	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	24	86	0	0	0	21	2	0

WTR YR 2023 TOTAL 67 MEAN 0 MAX 137 MIN 0 AC_FT 134

Arizona Canal Diversion Channel at 43rd Avenue, ID #11307

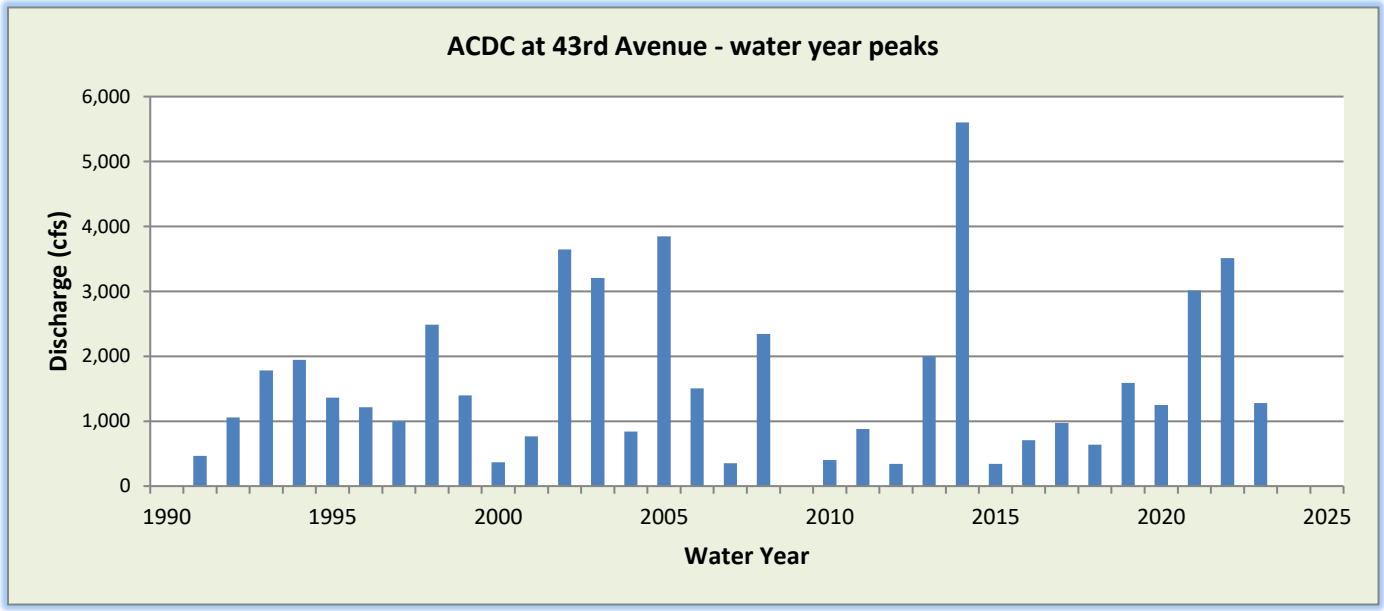


Site Data

LOCATION	Near Peoria and 43rd Avenues
DRAINAGE AREA	258.6 mi^2
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
ARIZONA STATE PLANE	E 627649 | N 940096
USGS QUAD SHEET	Glendale 7.5-Minute
STREAMGAGE INSTALLATION DATE	11/14/1990 – WY 1991
PERIOD OF AVAILABLE DATA RECORD	11/14/1990 – Current
LENGTH OF AVAILABLE DATA RECORD	32.88 Years | 12,009 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.95 feet Gage Height
STAFF GAGES	Two
CREST STAGE GAGES	One
ZERO GAGE HEIGHT ELEVATION	1,200.704 feet NAVD88
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

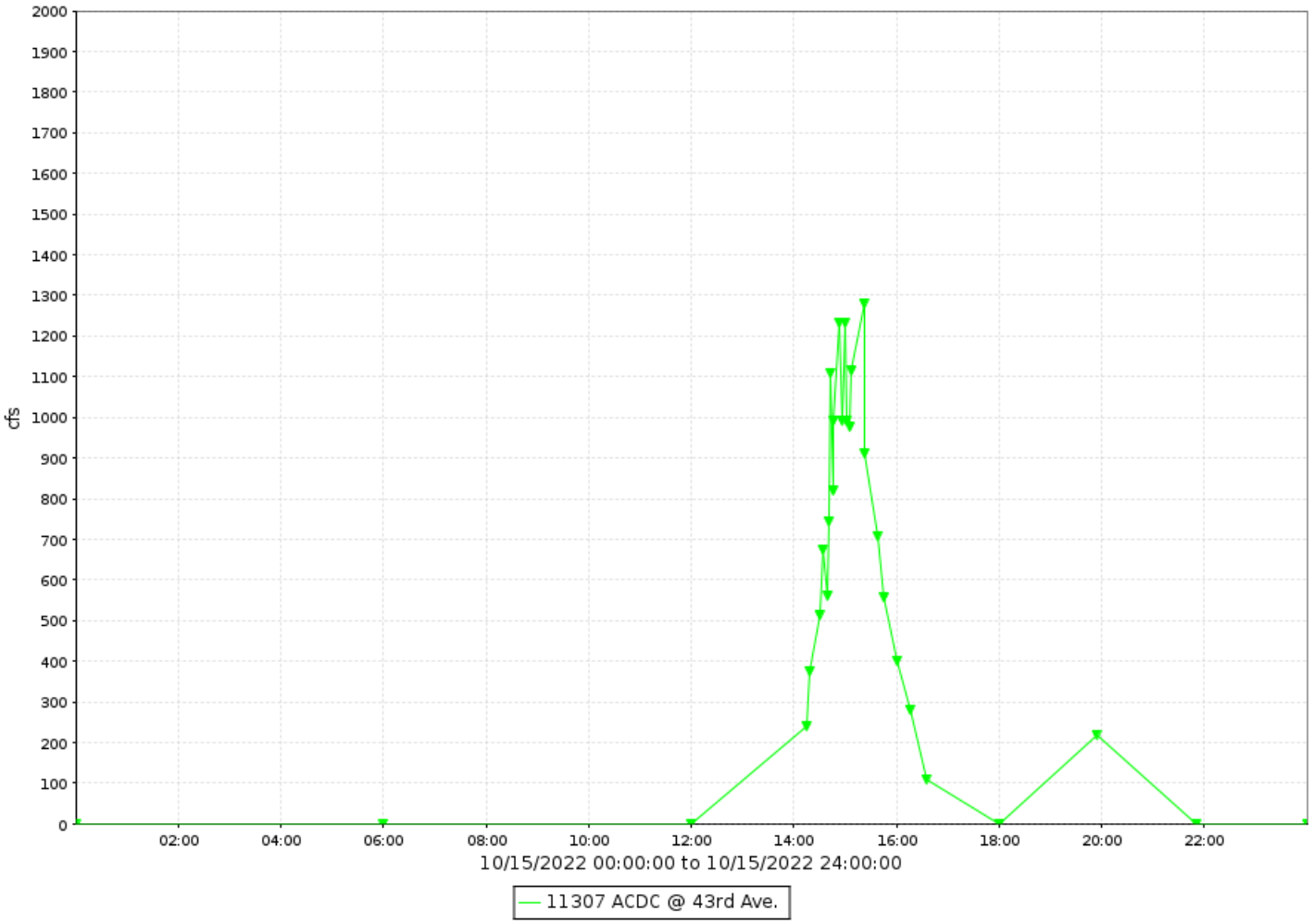




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
10/15	2.74	1279
3/1	1.69	496

Hydrograph of peak WY 2023 flow event, 10/15/2022



ACDC at 43rd Avenue, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1						72						
2						35						
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15	91											
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	91	0	0	0	0	107	0	0	0	0	0	0
MEAN	3	0	0	0	0	4	0	0	0	0	0	0
MAX	1279	0	0	0	0	496	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	181	0	0	0	0	214	0	0	0	0	0	0

WTR YR 2023 TOTAL 231 MEAN 1 MAX 1279 MIN 0 AC_FT 395

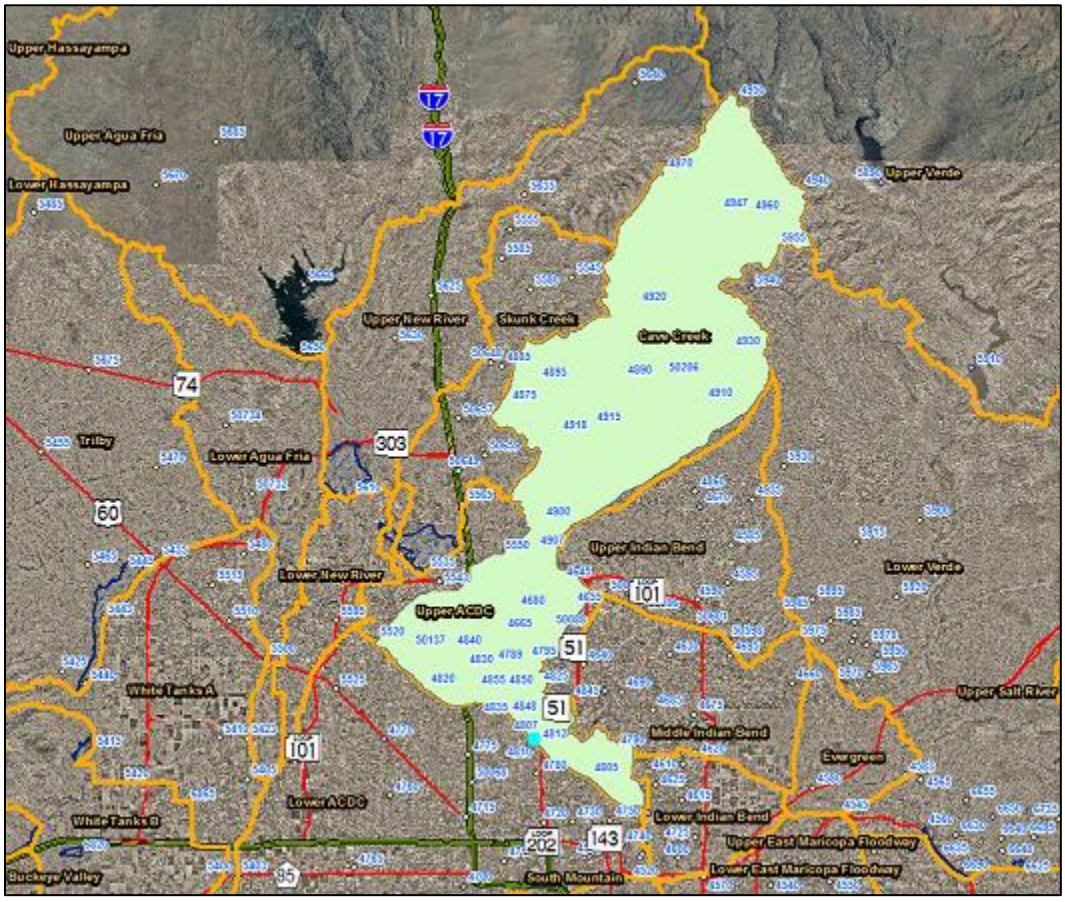
Arizona Canal Diversion Channel at 67th Avenue, ID #13807

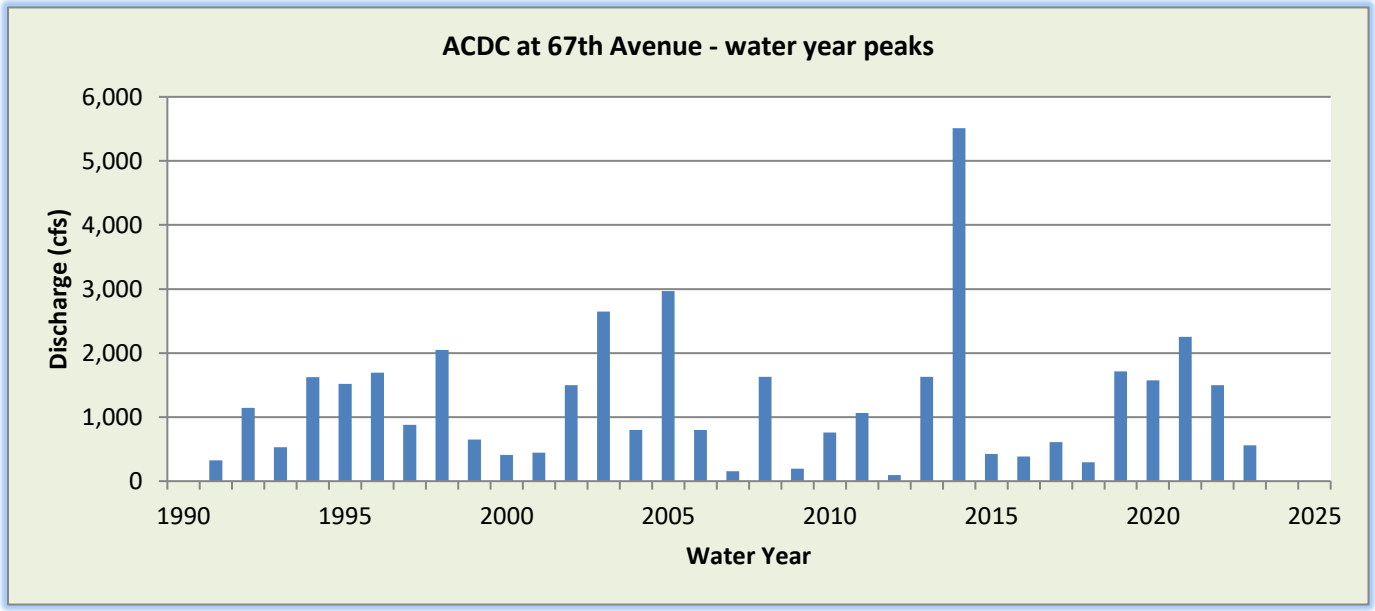


Site Data

LOCATION	On 67th Avenue south of Greenway Road
DRAINAGE AREA	283.7 mi^2 (Includes area above 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
ARIZONA STATE PLANE	E 612945 | N 953819
USGS QUAD SHEET	Glendale 7.5-Minute
STREAMGAGE INSTALLATION DATE	06/07/1990 – WY 1990
PERIOD OF AVAILABLE DATA RECORD	06/07/1990 – Current
LENGTH OF AVAILABLE DATA RECORD	33.32 Years | 12,169 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.00 feet Gage Height
STAFF GAGES	2
CREST STAGE GAGES	4
ZERO GAGE HEIGHT ELEVATION	1,189.057 feet NAVD88
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

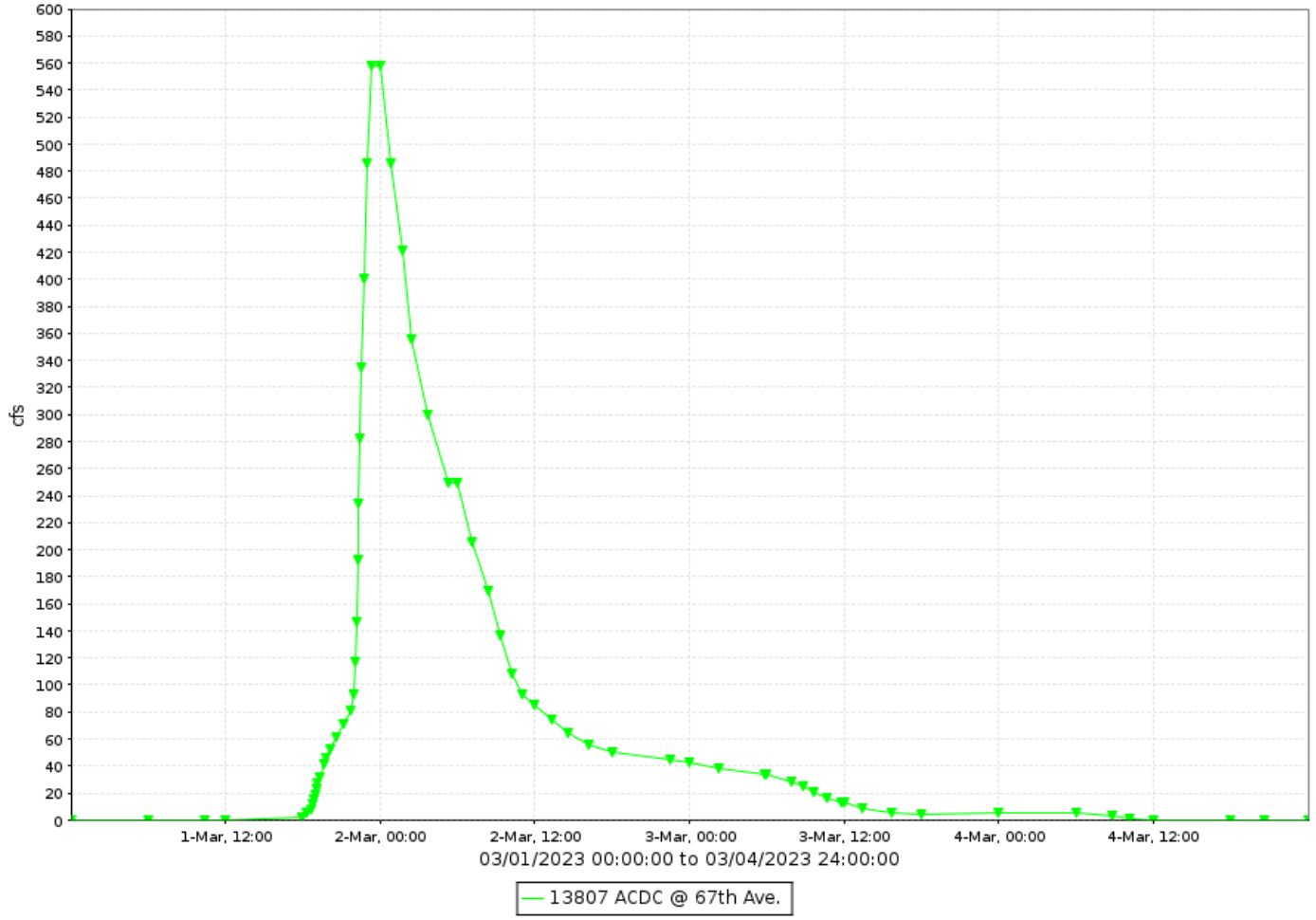




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
10/13	3.42	300
10/15	3.66	400
10/20	1.17	26
11/4	1.31	30
12/4	1.51	37
12/28	2.98	169
1/2	2.63	100
1/17	2.29	74
2/15	2.44	85
2/22	1.07	23
3/2	4.00	558
3/16	2.49	89
3/25	3.02	179
4/27	1.02	26
8/16	1.46	35
8/18	1.26	29
9/1	2.54	93

Hydrograph of peak WY 2023 flow event, 03/01/2023



Flood Flow Frequency

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-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				27		41						55
2				52		167						3
3			7	8		19						4
4		4	30	2		2						4
5		2	3				3					
6												
7												
8												
9		5										
10		5										
11		2										
12	1		14									1
13	4	2	6									7
14			3	4	7							
15	94			16	35	10					1	
16	163			37	5	46					17	
17	19			36		5						
18				9		1					7	
19				8								
20	4			4							3	
21												
22					11	18						
23					5	15						
24	3				2	118						
25	3					114						
26					5	18						
27					3	1				8		
28			59									
29			19		---							
30					---							
31	1	---			---		---		---		2	---
TOTAL	291	19	142	203	72	574	3	0	0	8	30	74
MEAN	9	1	5	7	3	19	0	0	0	0	1	2
MAX	400	30	169	100	85	558	13	0	0	26	45	93
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	577	38	282	402	142	1139	5	0	0	16	60	147

WTR YR 2023 TOTAL 1417 MEAN 4 MAX 558 MIN 0 AC_FT 2810

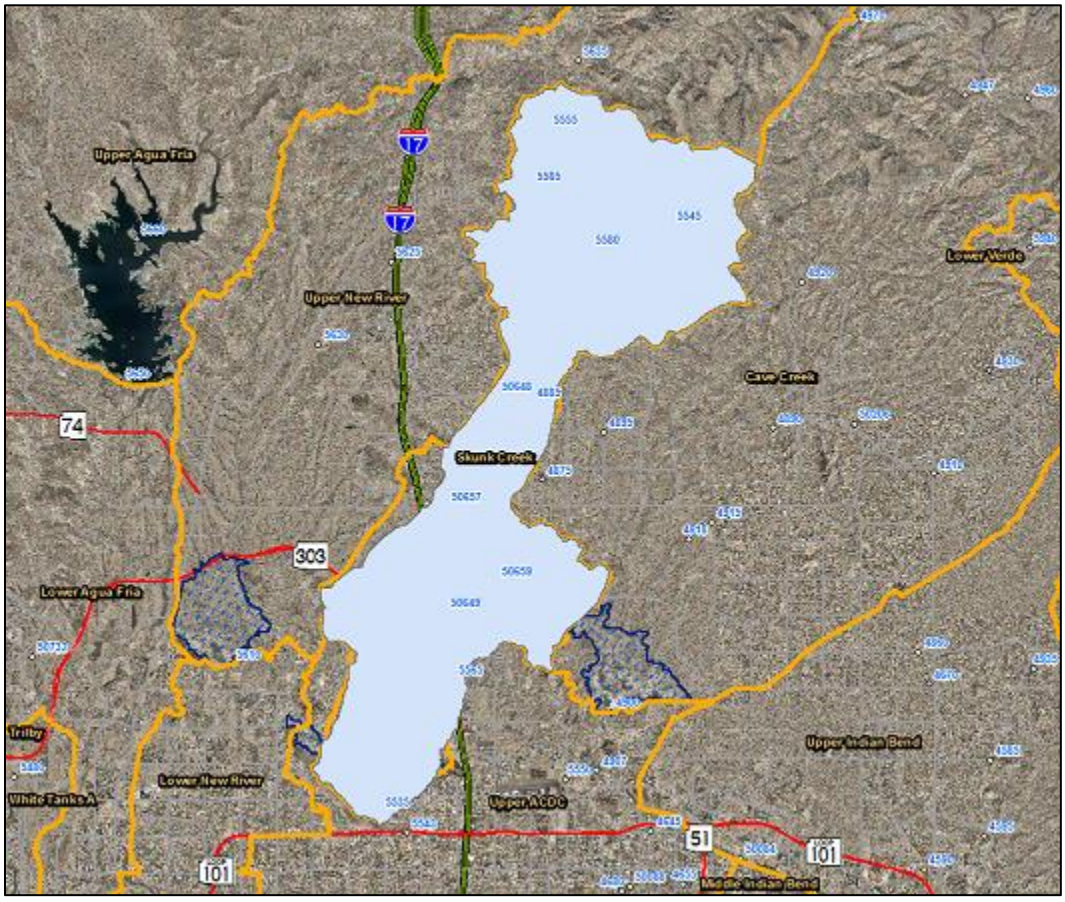
Adobe Dam Pool, ID #65017

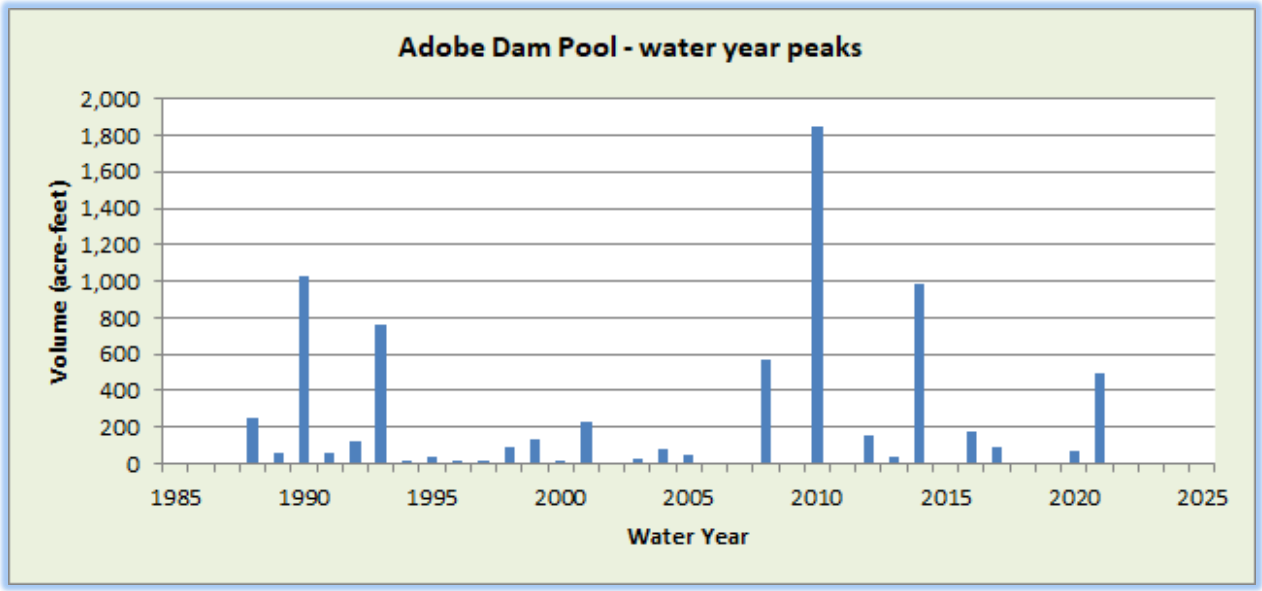


Site Data

LOCATION	Near 43rd Avenue and Deer Valley Drive
DRAINAGE AREA	87.3 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
ARIZONA STATE PLANE	E 627803 | N 974016
USGS QUAD SHEET	Hedgpeth Hills 7.5-Minute
STREAMGAGE INSTALLATION DATE	10/28/1982 – WY 1983
PERIOD OF AVAILABLE DATA RECORD	08/30/1988 – Current
LENGTH OF AVAILABLE DATA RECORD	35.09 Years | 12,815 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Gas-Purge Bubbler
STAGE GAGE ELEVATION	2.85 Feet Gage Height
STAFF GAGES	14
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,339.81 feet NAVD88
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





WY2023 Events

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

Hydrograph of peak WY 2023 impoundment event

No impoundment recorded during Water Year 2023.

Adobe Dam Pool, volume data

Volume, in acre-feet, Water Year October 2022 to September 2023

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 2023 MEAN 0 MAX 0 MIN 0

Adobe Dam Pool, stage data

Depth, in feet, Water Year October 2022 to September 2023

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 2023 MEAN 2.85 MAX 2.85 MIN 2.85

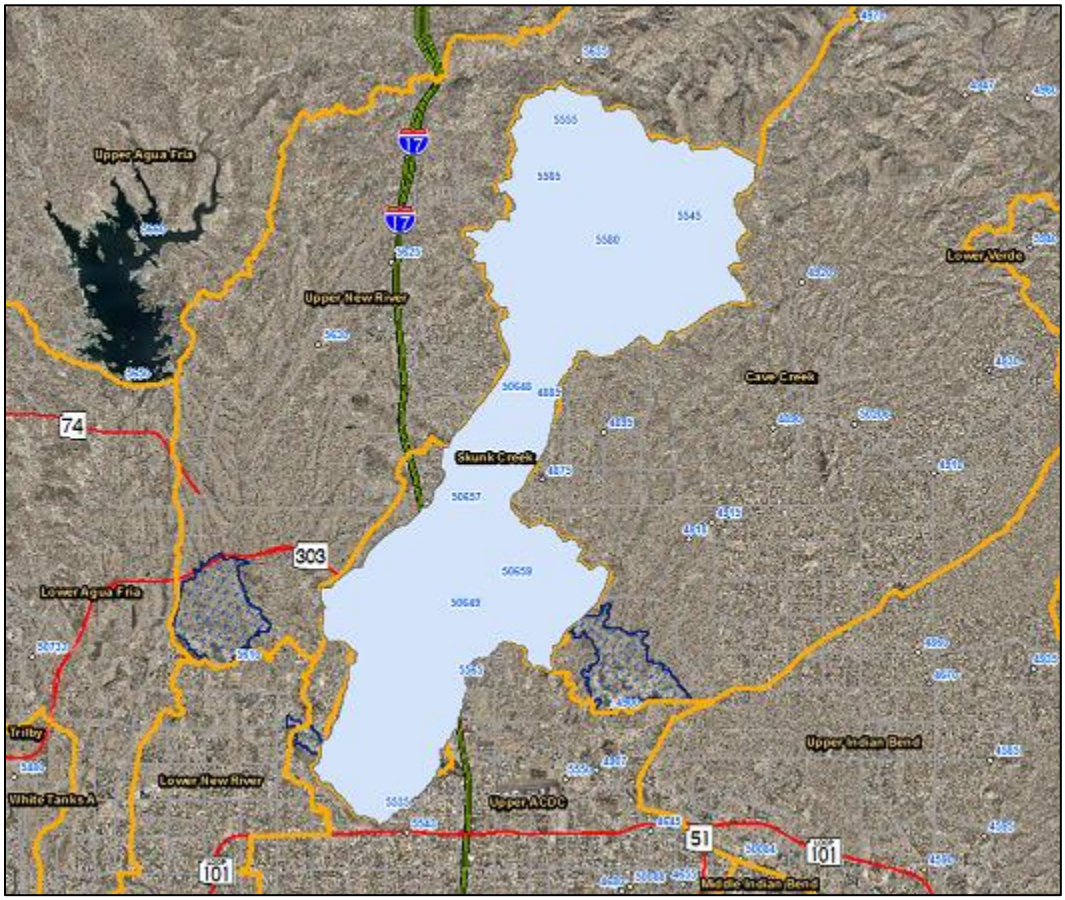
Adobe Dam Outlet, ID #65007

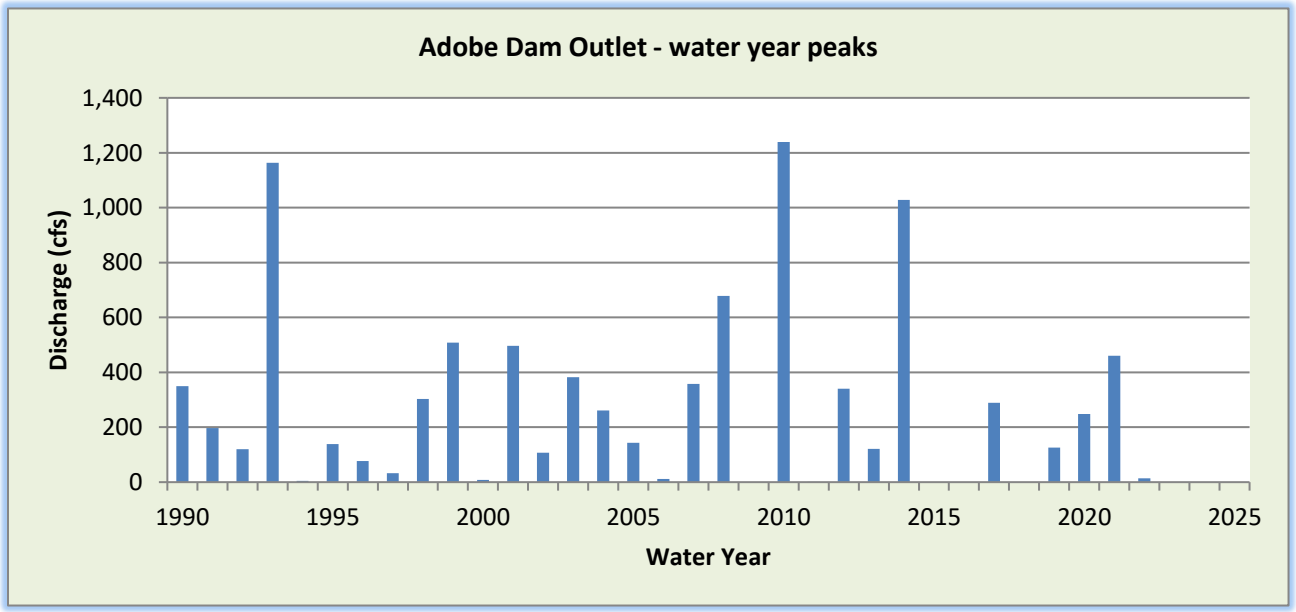


Site Data

LOCATION	**Near 43rd Avenue and Deer Valley Drive**
DRAINAGE AREA	**87.3 mi2**
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**
ARIZONA STATE PLANE	**E 627803 | N 974016**
USGS QUAD SHEET	**Hedgpeth Hills 7.5-Minute**
STREAMGAGE INSTALLATION DATE	**10/28/1982 – WY 1983**
PERIOD OF AVAILABLE DATA RECORD	**08/03/1990 – Current**
LENGTH OF AVAILABLE DATA RECORD	**33.16 Years | 12,112 Days**
GAPS IN RECORD	**None**
STAGE GAGE TYPE	**Non-submersible Transducer**
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	**3,193 cfs | 11.39 feet | 08/16/1990**

Watershed Map

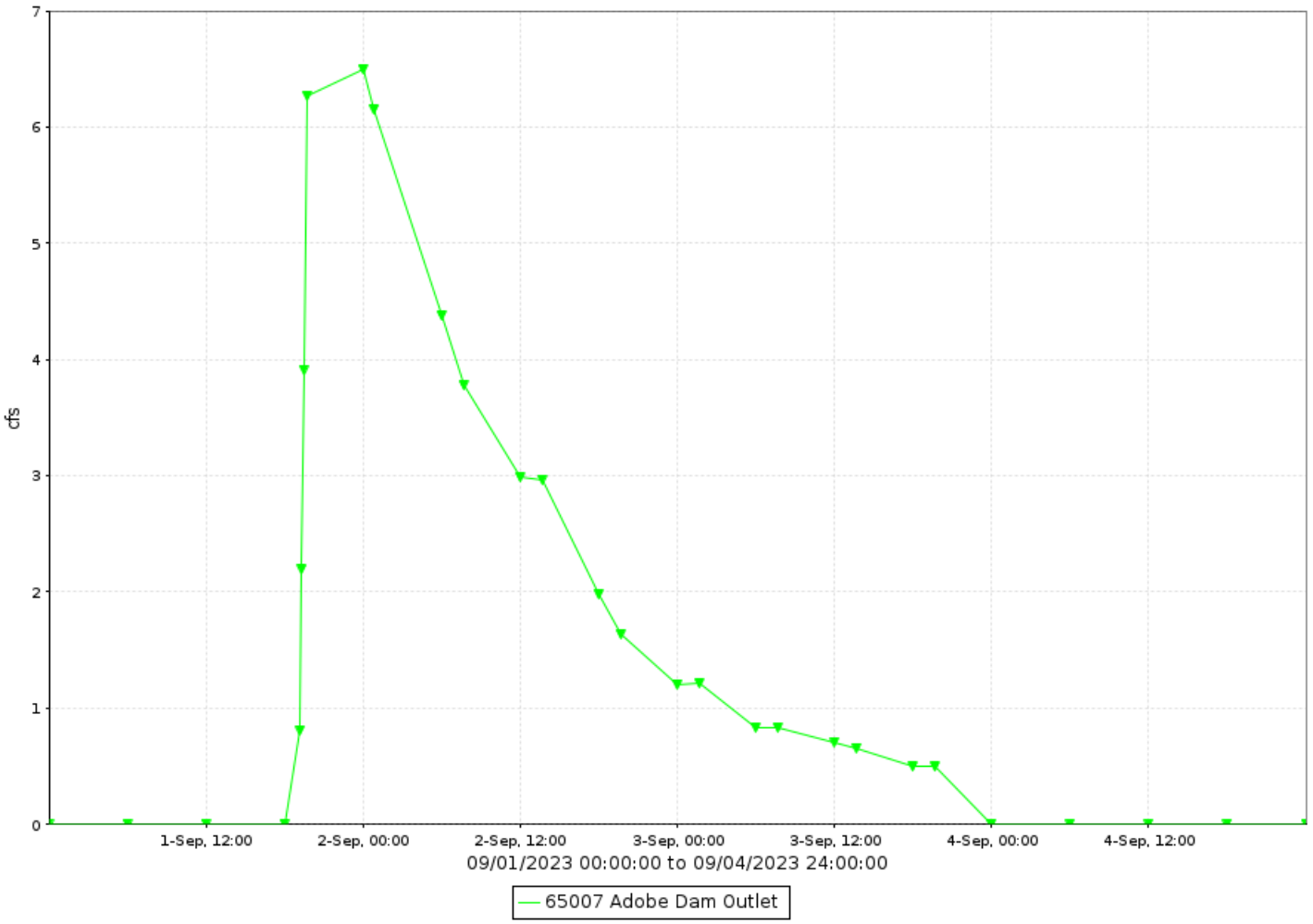




WY2023 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
9/2	0.51	6

Hydrograph of peak WY 2023 flow event, 09/02/2023



Adobe Dam Outlet, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

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

WTR YR 2023 TOTAL 7 MEAN 0 MAX 6 MIN 0 AC_FT 14

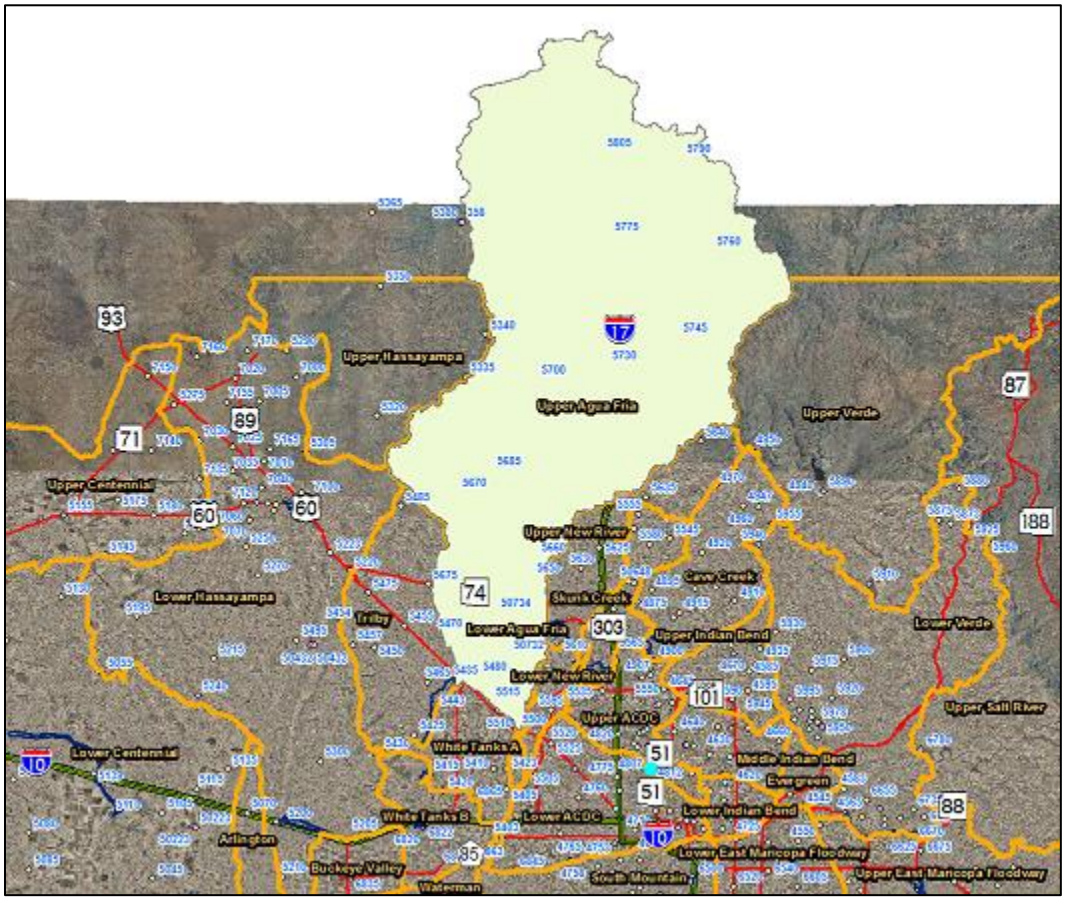
Agua Fria River at Grand Avenue, ID #14707

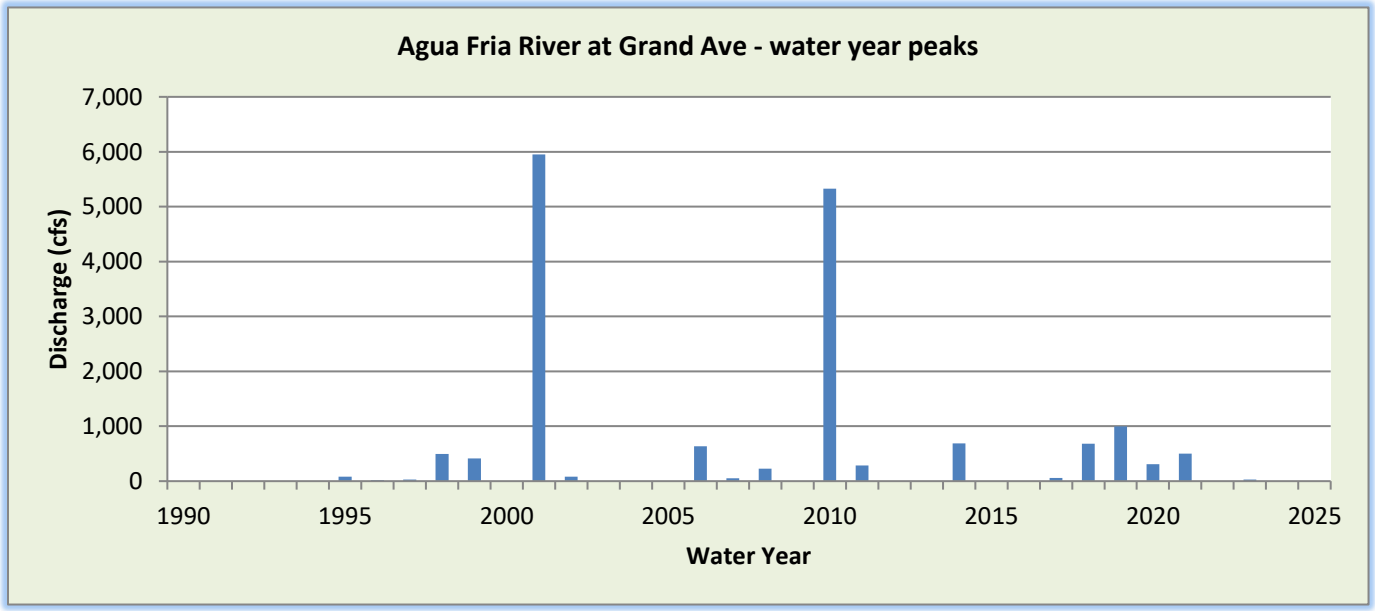


Site Data

LOCATION	On Grand Avenue west of 113th Avenue
DRAINAGE AREA	183.0 mi^2 (below New Waddell Dam)
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
ARIZONA STATE PLANE	E 581558 | N 948749
USGS QUAD SHEET	El Mirage 7.5-Minute
STREAMGAGE INSTALLATION DATE	04/27/1994 – WY 1994
PERIOD OF AVAILABLE DATA RECORD	04/27/1994 – Current
LENGTH OF AVAILABLE DATA RECORD	29.43 Years | 10,749 days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	2.50 feet Gage Height
STAFF GAGES	3
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	1,104.711 feet NAVD88
POINT OF ZERO FLOW	1.5 feet Gage Height
EXTREME FOR PERIOD OF RECORD	5,952 cfs | 6.50 feet | 10/27/2000

Watershed Map

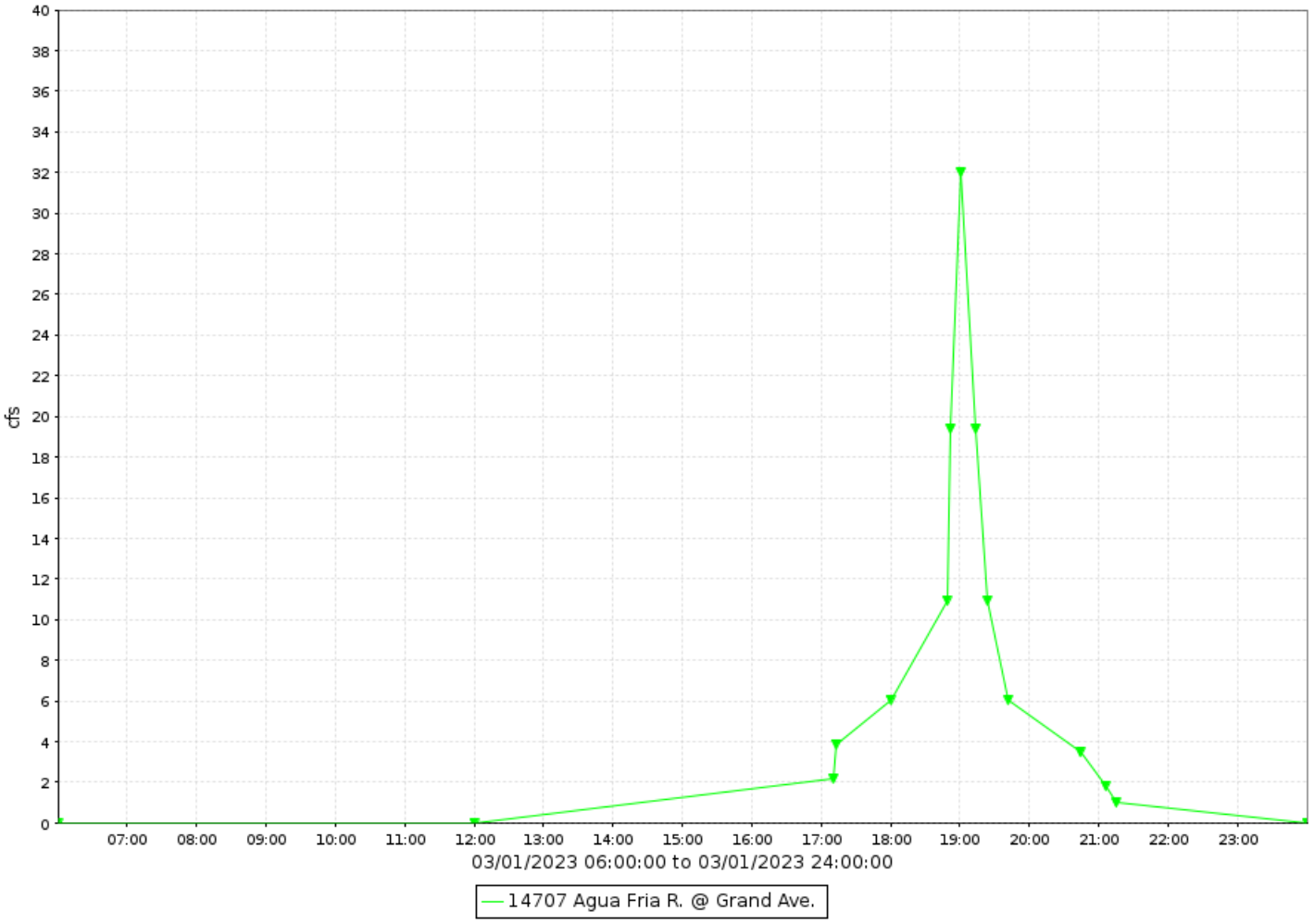




WY2023 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
3/1	3.14	32
3/15	3.01	17

Hydrograph of peak WY 2023 flow event, 03/01/2023



Agua Fria River at Grand Avenue, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

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

WTR YR 2023 TOTAL 9 MEAN 0 MAX 32 MIN 0 AC_FT 17

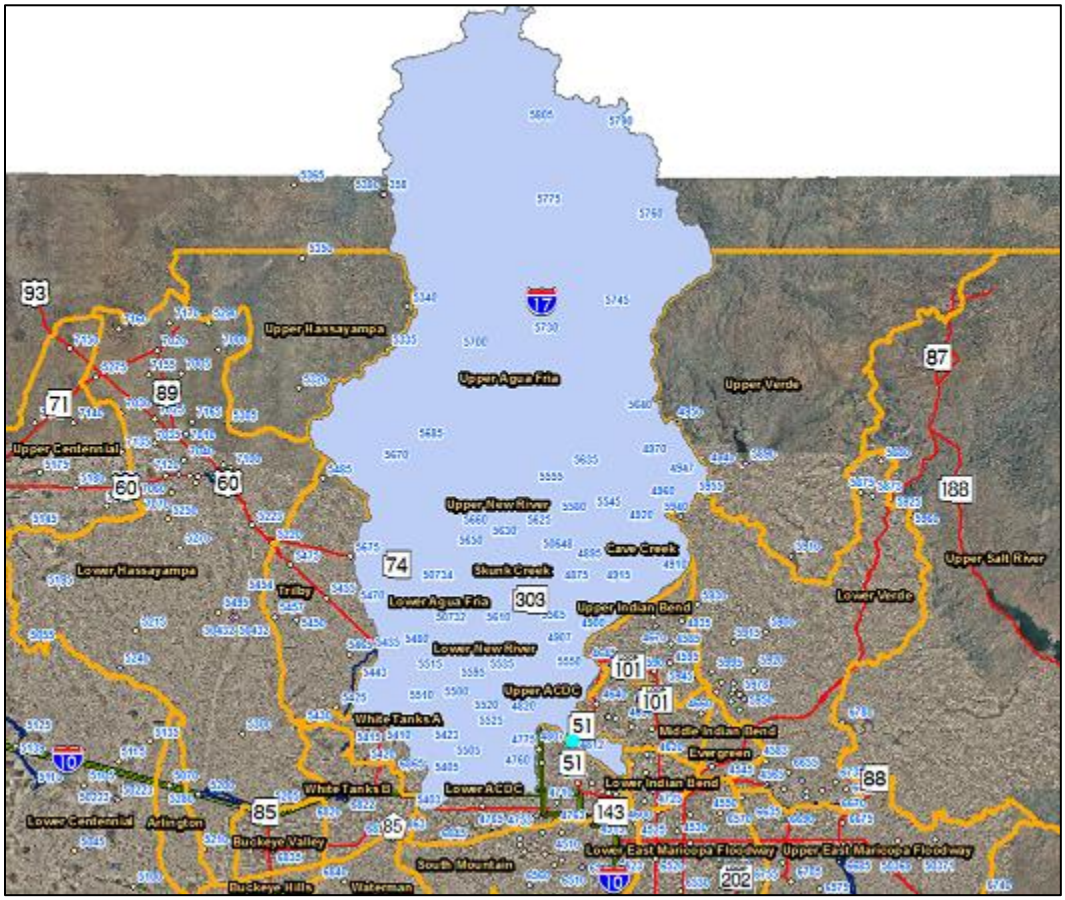
Agua Fria River at Buckeye Road, ID #85307

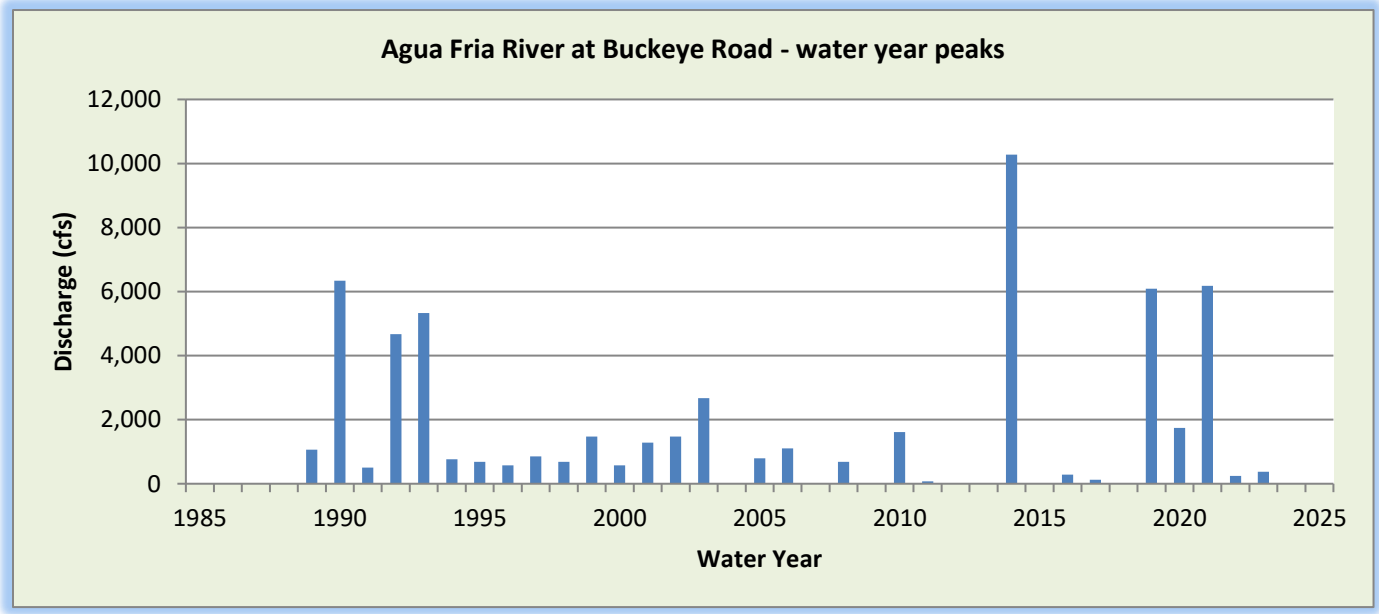


Site Data

LOCATION	On Buckeye Road east of Dysart Road
DRAINAGE AREA	2,404 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
ARIZONA STATE PLANE	E 573231 | N 886088
USGS QUAD SHEET	Tolleson 7.5-Minute
STREAMGAGE INSTALLATION DATE	10/12/1988 – WY 1989
PERIOD OF AVAILABLE DATA RECORD	10/12/1988 – Current
LENGTH OF AVAILABLE DATA RECORD	34.97 Years | 12,772 Days
GAPS IN RECORD	09/06/2003 – 07/13/2004
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.26 feet Gage Height
STAFF GAGES	1
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	954.72 feet NAVD88
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

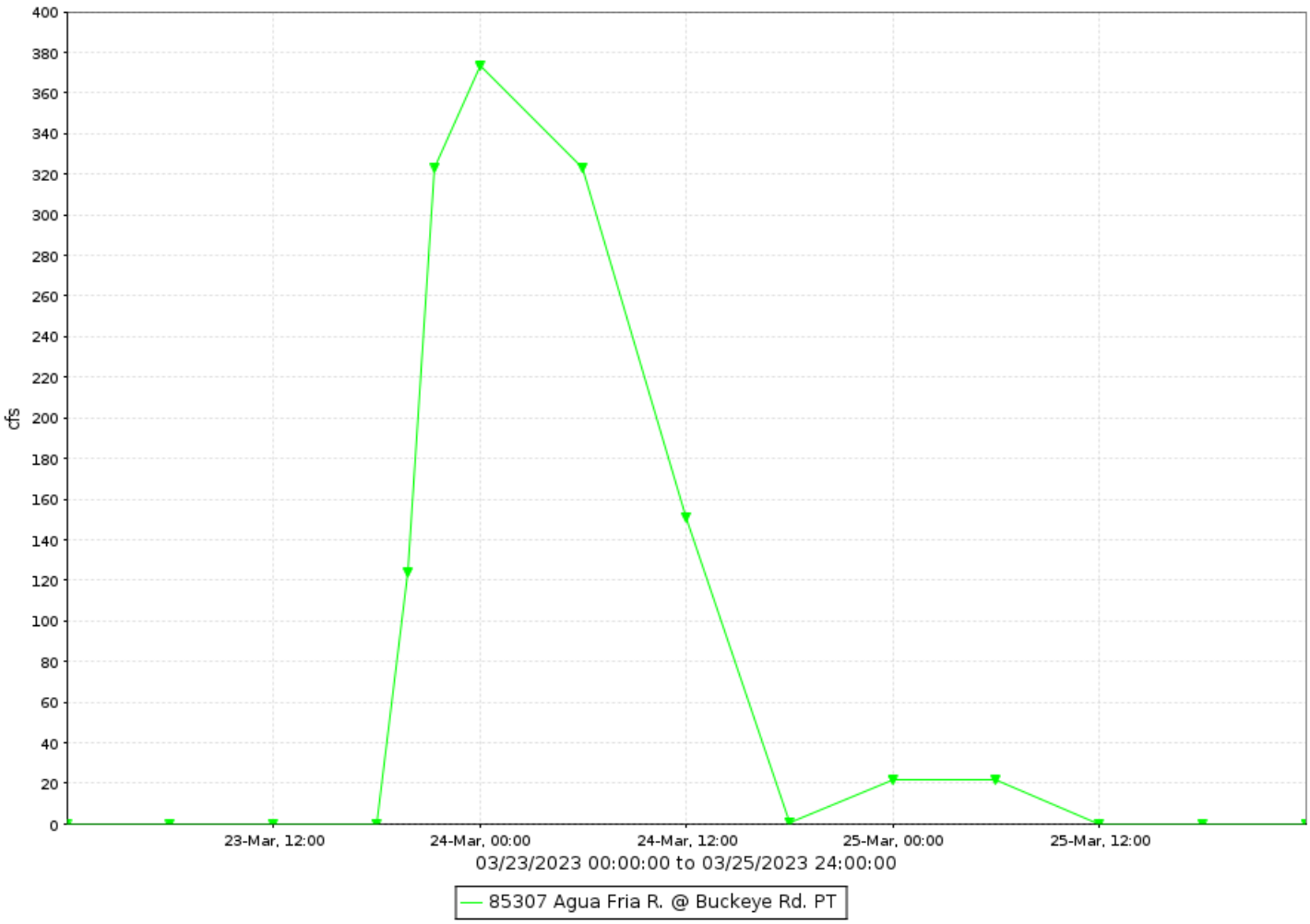




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
3/24	0.48	373

Hydrograph of peak WY 2023 flow event, 03/24/2023



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 Buckeye Road, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

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						43						
24						212						
25						11						
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	0	0	266	0	0	0	0	0	0
MEAN	0	0	0	0	0	9	0	0	0	0	0	0
MAX	0	0	0	0	0	373	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	527	0	0	0	0	0	0

WTR YR 2023 TOTAL 266 MEAN 1 MAX 373 MIN 0 AC_FT 527

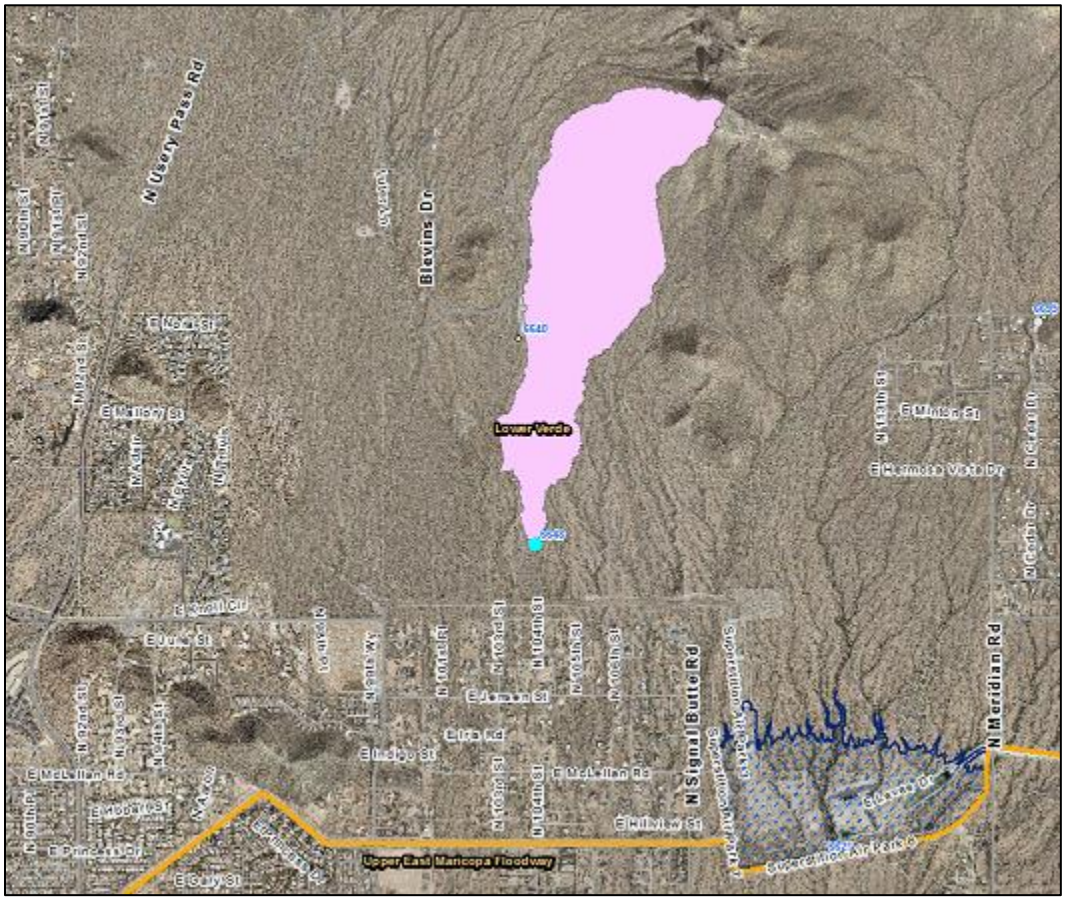
Amigos Wash, ID #80507

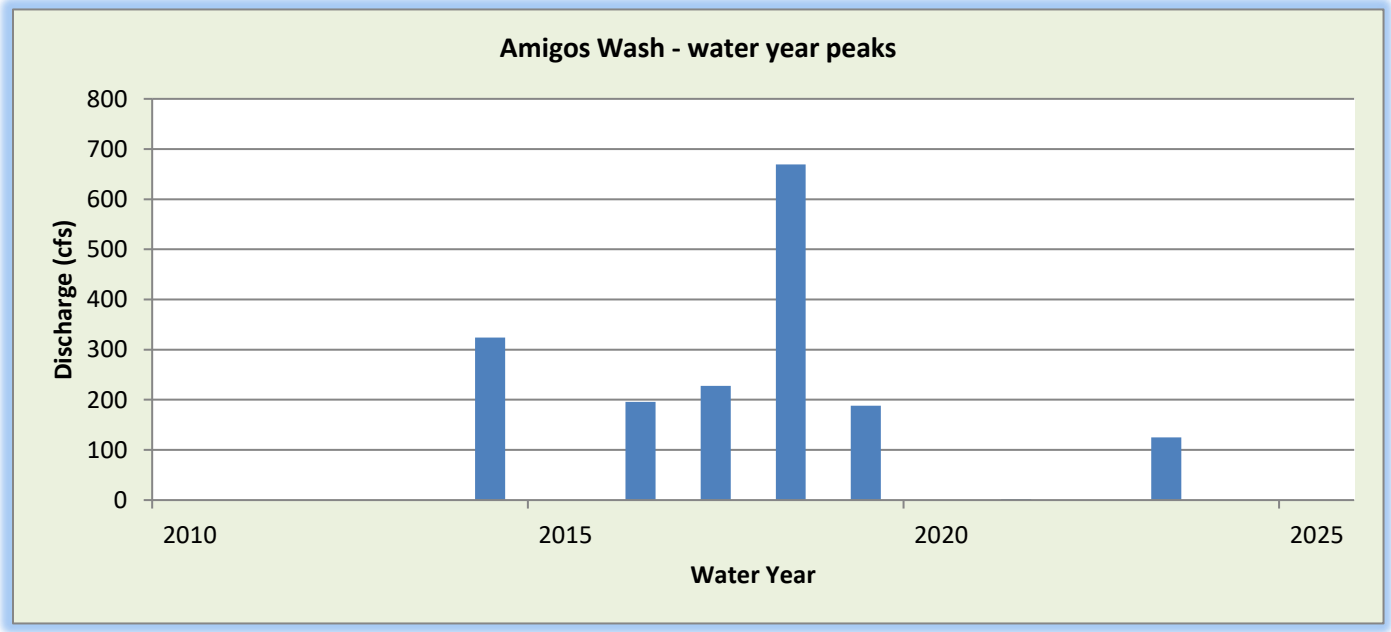


Site Data

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**
ARIZONA STATE PLANE	**E 794550 | N 893199**
USGS QUAD SHEET	**Apache Junction 7.5-Minute**
STREAMGAGE INSTALLATION DATE	**01/09/2013 – WY 2013**
PERIOD OF AVAILABLE DATA RECORD	**01/09/2013 – Current**
LENGTH OF AVAILABLE DATA RECORD	**10.73 Years | 3,917 Days**
GAPS IN RECORD	**None**
STAGE GAGE TYPE	**Pressure Transducer**
STAGE GAGE ELEVATION	**0.75 feet Gage Height**
STAFF GAGES	**None**
CREST STAGE GAGES	**One**
ZERO GAGE HEIGHT ELEVATION	**1,783.868 feet NAVD88**
POINT OF ZERO FLOW	**0.1 feet Gage Height**
EXTREME FOR PERIOD OF RECORD	**669 cfs | 2.05 feet | 08/10/2018**

Watershed Map

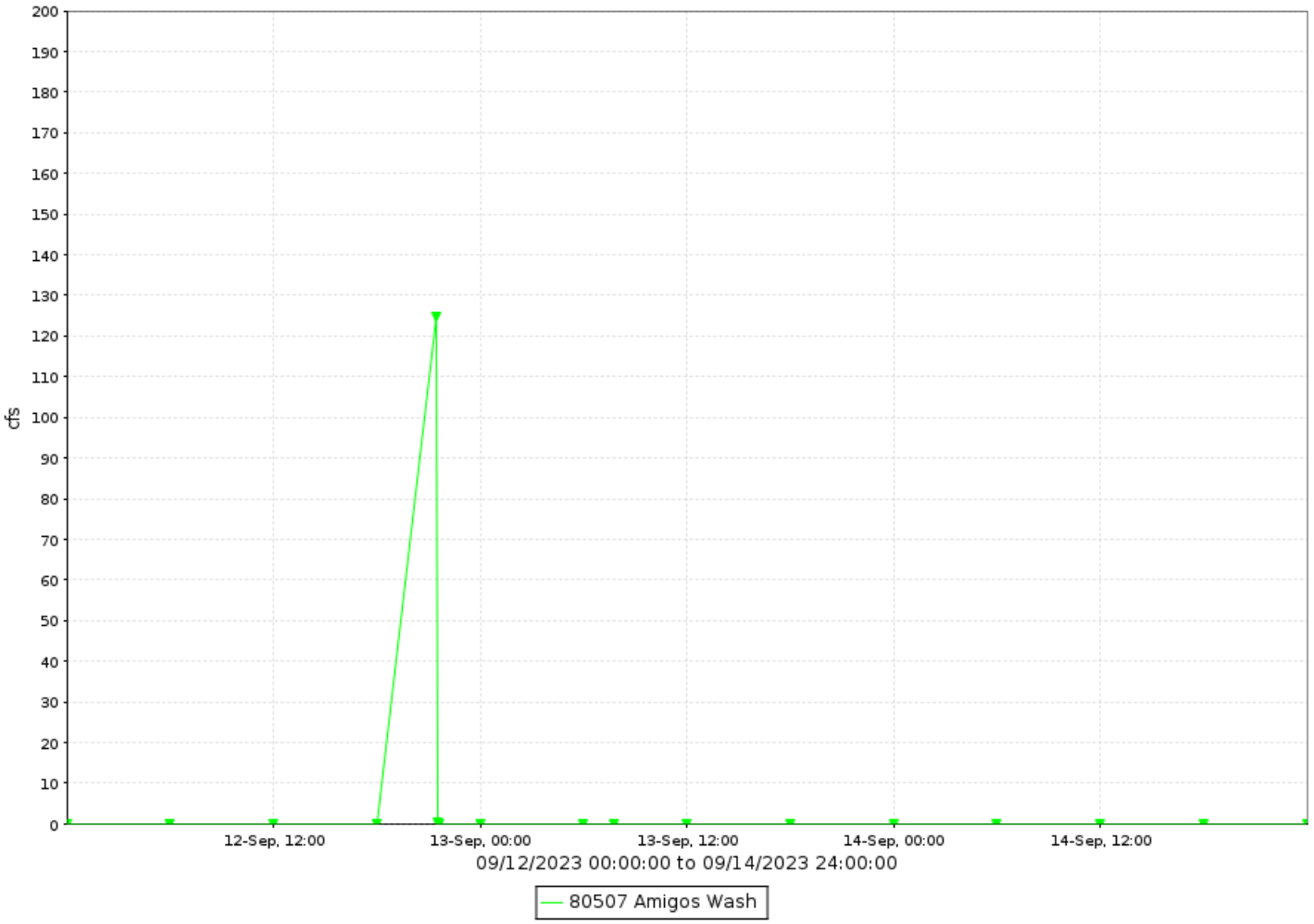




WY2023 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
9/12	1.10	125

Hydrograph of peak WY 2023 flow event, 09/12/2023



Amigos Wash, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

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												
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	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	125
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	1

WTR YR 2023 TOTAL 1 MEAN 0 MAX 125 MIN 0 AC_FT 1

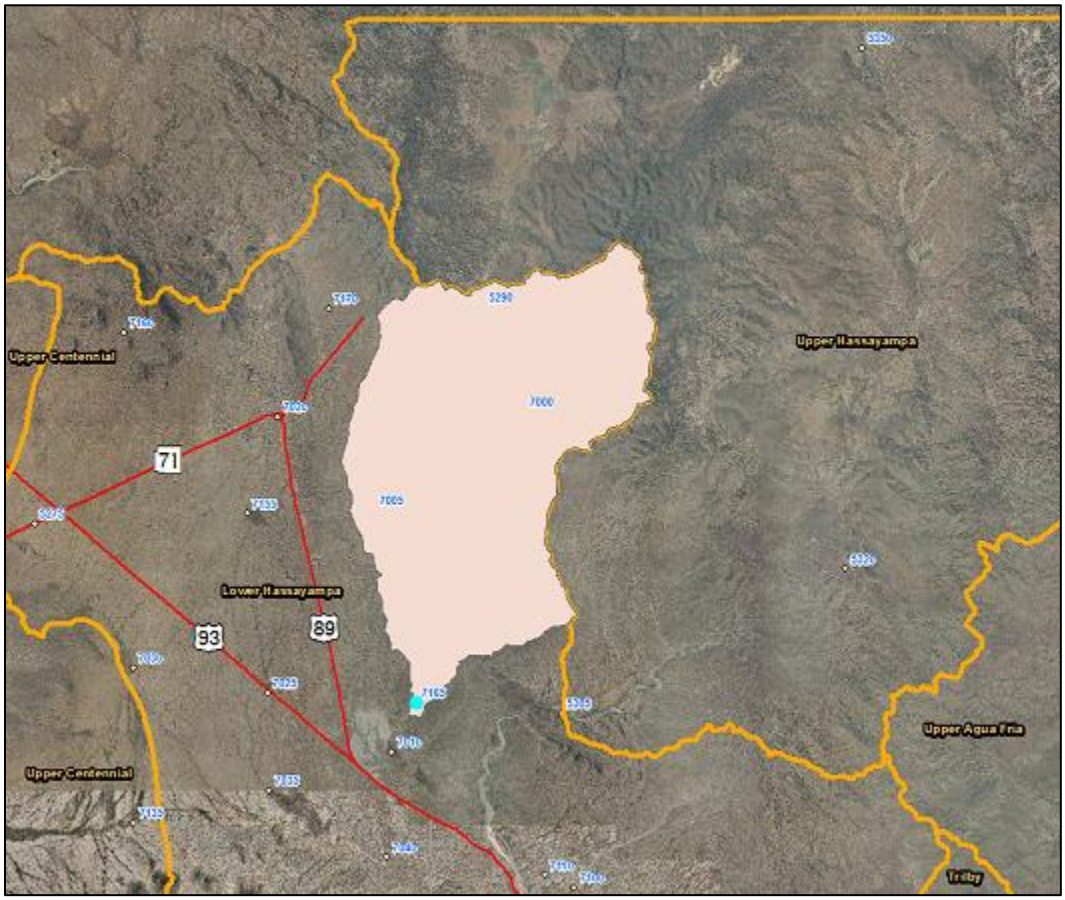
Antelope Creek, ID #55207

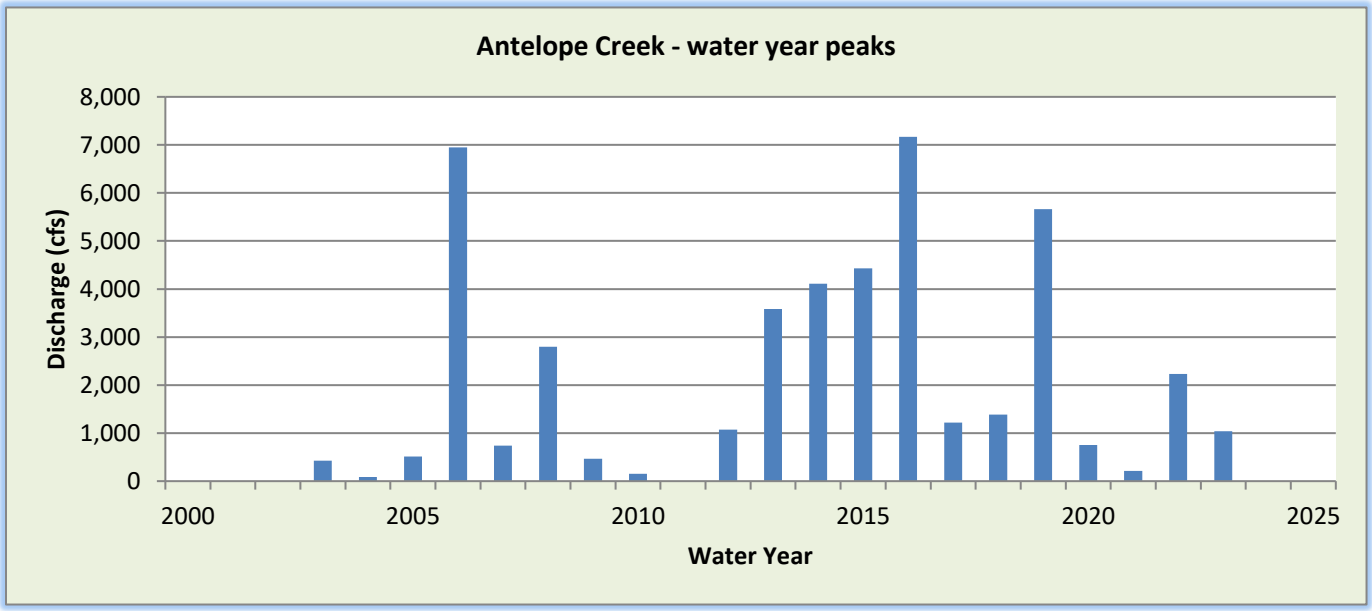


Site Data

LOCATION	Located about 1.5 miles upstream from Martinez Wash(7013)
DRAINAGE AREA	65.1 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
ARIZONA STATE PLANE	E 438675 | N 1110233
USGS QUAD SHEET	Flores 7.5-Minute
STREAMGAGE INSTALLATION DATE	07/09/2003 – WY 2003
PERIOD OF AVAILABLE DATA RECORD	07/09/2003 – Current
LENGTH OF AVAILABLE DATA RECORD	20.23 Years | 7,389 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	2.00 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	2
ZERO GAGE HEIGHT ELEVATION	2,406.00 feet NAVD88
POINT OF ZERO FLOW	1.8 feet Gage Height (February 2019)
EXTREME FOR PERIOD OF RECORD	7,169 cfs | 5.42 feet | 10/20/2015

Watershed Map

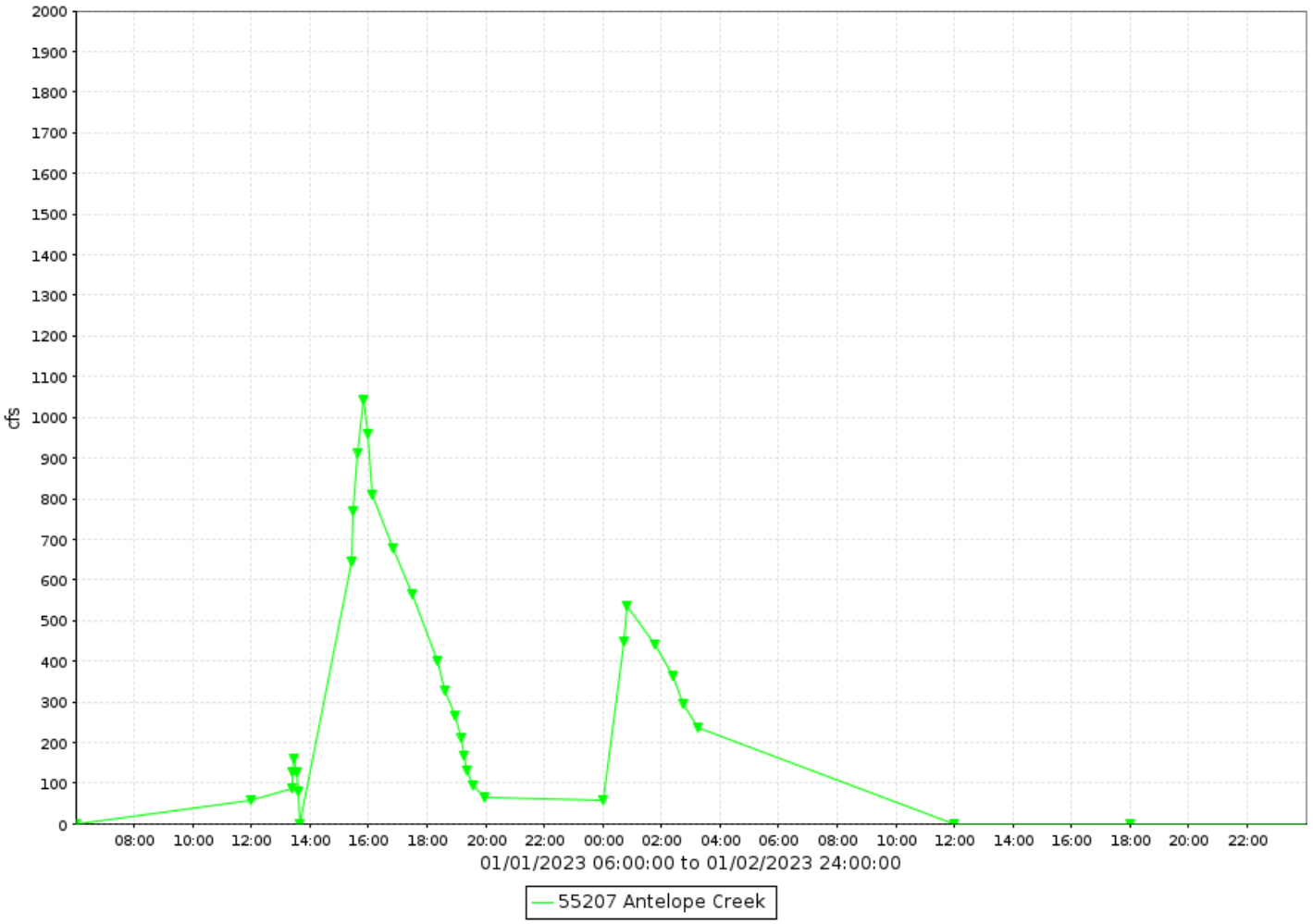




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
1/1	3.35	1042
1/17	3.27	976
3/22	2.27	132
5/19	2.62	295
9/7	2.47	213

Hydrograph of peak WY 2023 flow event, 01/01/2023



Antelope Creek, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				120								
2				134								
3												
4												
5												
6												
7												2
8												
9												
10												
11												
12												
13												
14												
15												
16			---	204								
17				304								
18												
19								74				
20								---				
21								---				
22						41						
23												
24				---								
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	762	0	41	0	811	0	0	0	2
MEAN	0	0	0	25	0	1	0	26	0	0	0	0
MAX	0	0	0	1042	0	132	0	295	0	0	0	212
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	1512	0	82	0	1609	0	0	0	3

WTR YR 2023 TOTAL 1616 MEAN 4 MAX 1042 MIN 0 AC_FT 3206

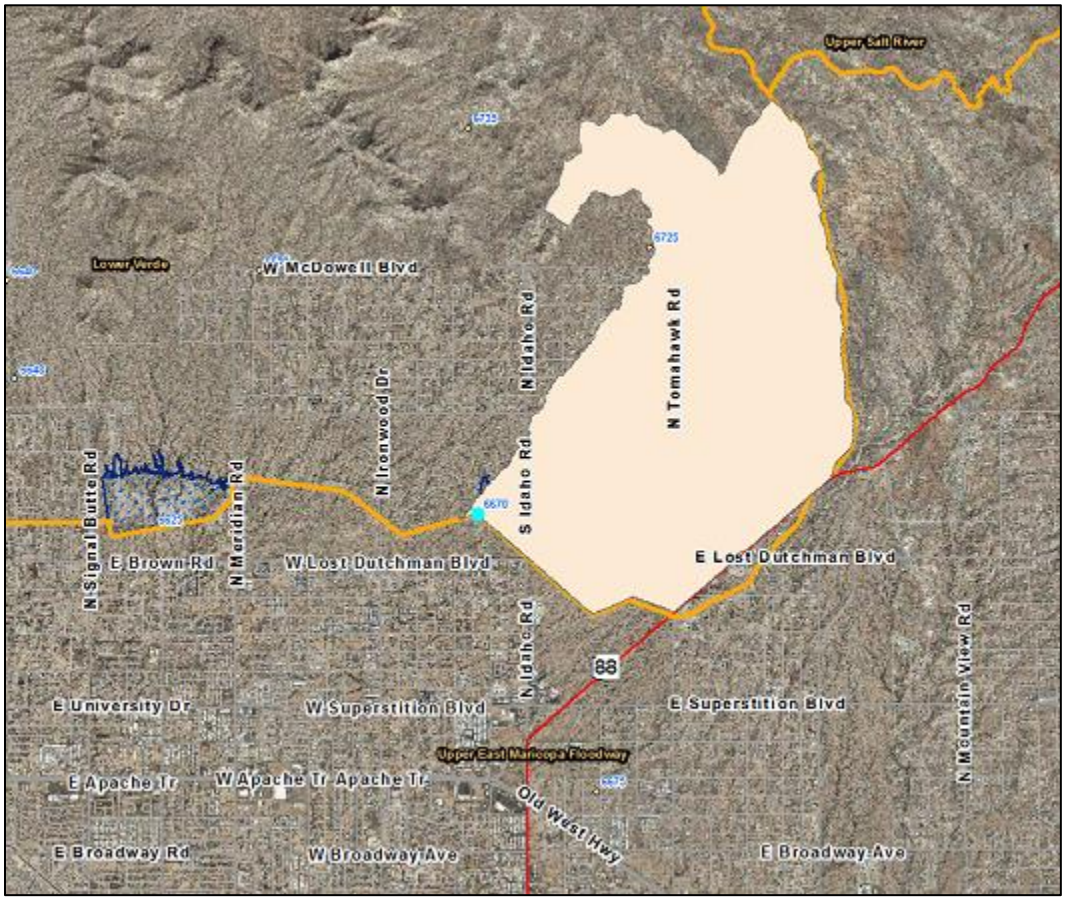
Apache Junction FRS, ID #81307

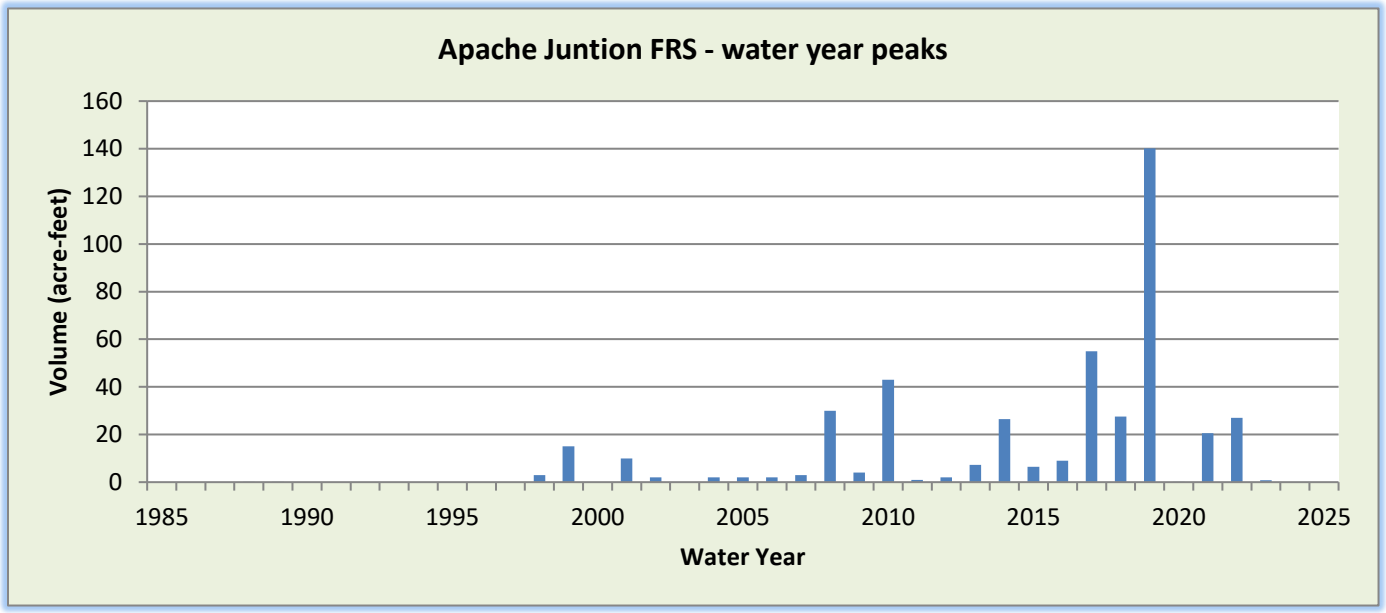


Site Data

LOCATION	Located near Idaho Road and Lost Dutchman Boulevard
DRAINAGE AREA	6.15 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
ARIZONA STATE PLANE	E 811305 | N 888329
USGS QUAD SHEET	Apache Junction 7.5-Minute
STREAMGAGE INSTALLATION DATE	09/15/1988 – WY 1988
PERIOD OF AVAILABLE DATA RECORD	09/15/1988 – Current
LENGTH OF AVAILABLE DATA RECORD	35.04 Years | 12,799 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.13 feet Gage Height
STAFF GAGES	5
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,785.79 feet NAVD88
POINT OF ZERO FLOW	0.0 feet Gage Height
SPILLWAY ELEVATION	16.00 feet Gage Height
TOP OF DAM ELEVATION	26.18 feet Gage Height

Watershed Map

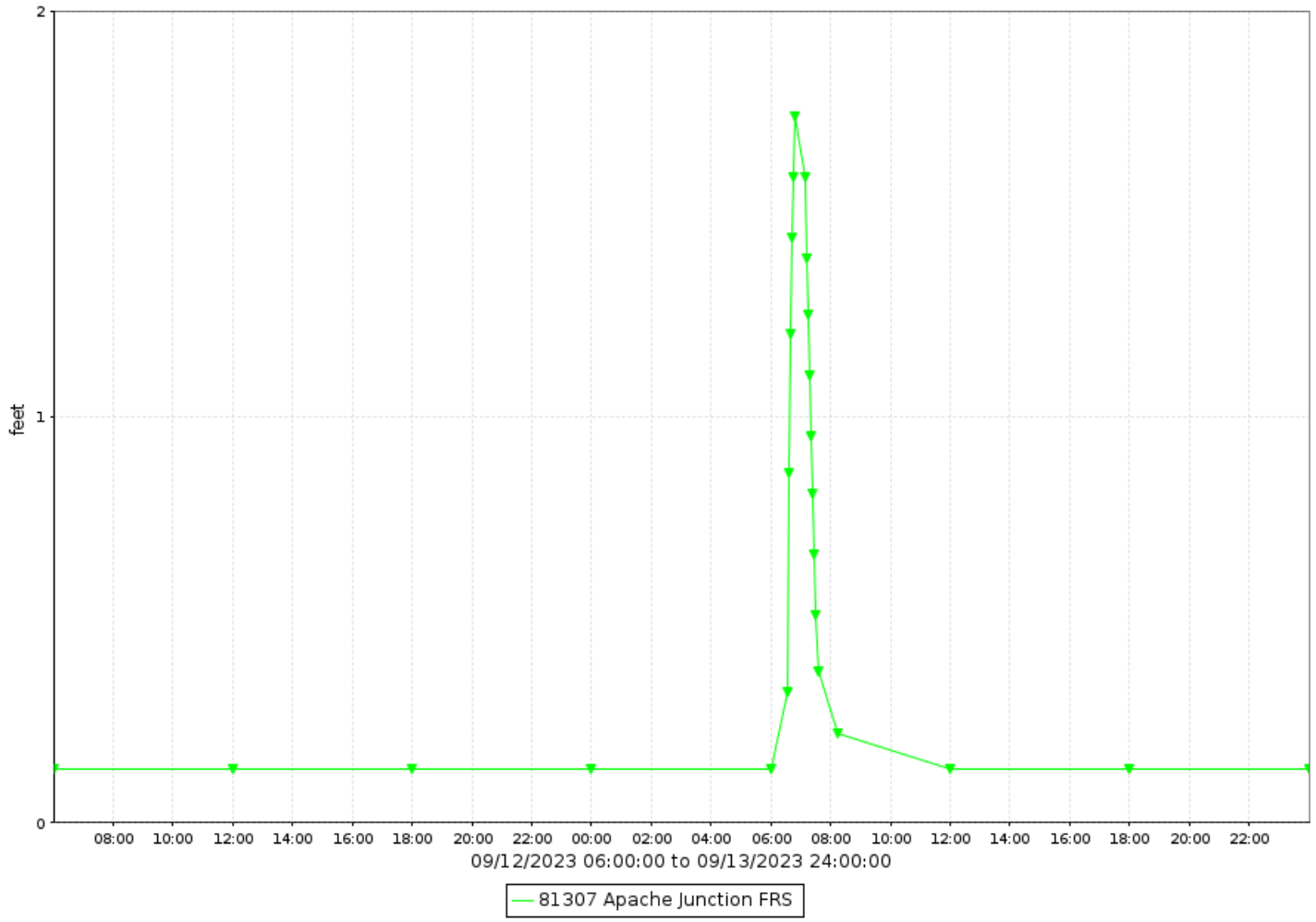




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
7/26	1.39	0.5	0.0
9/12	1.74	0.8	0.1

Hydrograph of peak WY 2023 impoundment event, 09/12/2023



Apache Junction FRS, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

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	11	0	14
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	1

WTR YR 2023 TOTAL 1 MEAN 0 MAX 14 MIN 0 AC_FT 1

Apache Junction FRS, volume data

Volume, in acre feet, Water Year October 2022 to September 2023

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	1
MIN	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 2023 MEAN 0 MAX 1 MIN 0

Apache Junction FRS, stage data

Depth, in feet, Water Year October 2022 to September 2023

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	0.2	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	0.2
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	0.2	0.1	0.1
27	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
28	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
29	0.1	0.1	0.1	0.1	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1
30	0.1	0.1	0.1	0.1	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1
31	0.1	---	0.1	0.1	---	0.1	---	0.1	---	0.1	0.1	---
MEAN	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
MAX	0.1	0.1	0.1	0.3	0.1	0.5	0.1	0.1	0.1	1.4	0.1	1.7
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 2023 MEAN 0.13 MAX 1.74 MIN 0.13

Apache Trail, ID #36507

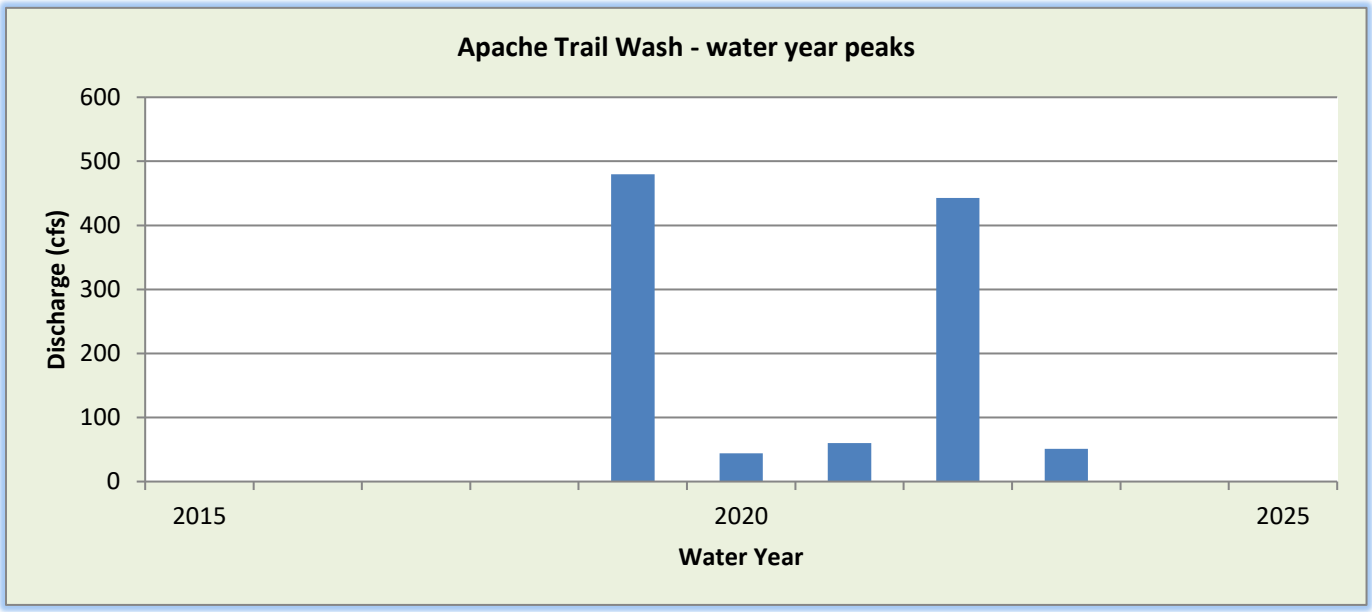


Site Data

LOCATION	Located in Apache Junction near 4th Avenue and Royal Palm Avenue
DRAINAGE AREA	0.35 mi^2
STREAM TYPE	Natural Stream
JURISDICTION	Apache Junction, Arizona
WATERSHED	Upper EMF
SECTION/TOWNSHIP/RANGE	S21 T1N R8E
LATITUDE	N 33° 24’ 41.8” | +33.41161
LONGITUDE	W 111° 32’ 13.0” | -111.53695
ARIZONA STATE PLANE	E 877500 | N 815870
USGS QUAD SHEET	Apache Junction 7.5-minute
STREAMGAGE INSTALLATION DATE	06/27/2019 – WY 2019
PERIOD OF AVAILABLE DATA RECORD	06/27/2019 – Current
LENGTH OF AVAILABLE DATA RECORD	4.26 Years | 1,557 Days
GAPS IN RECORD	10/17/2019 – 11/04/2019, 04/22/2022 – 05/02/2022
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.00 feet gage height
STAFF GAGES	None
CREST STAGE GAGES	None
ZERO GAGE HEIGHT ELEVATION	1,732.240 feet NAVD88
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	480 cfs | 2.87 feet GH | 09/23/2019

Location Map

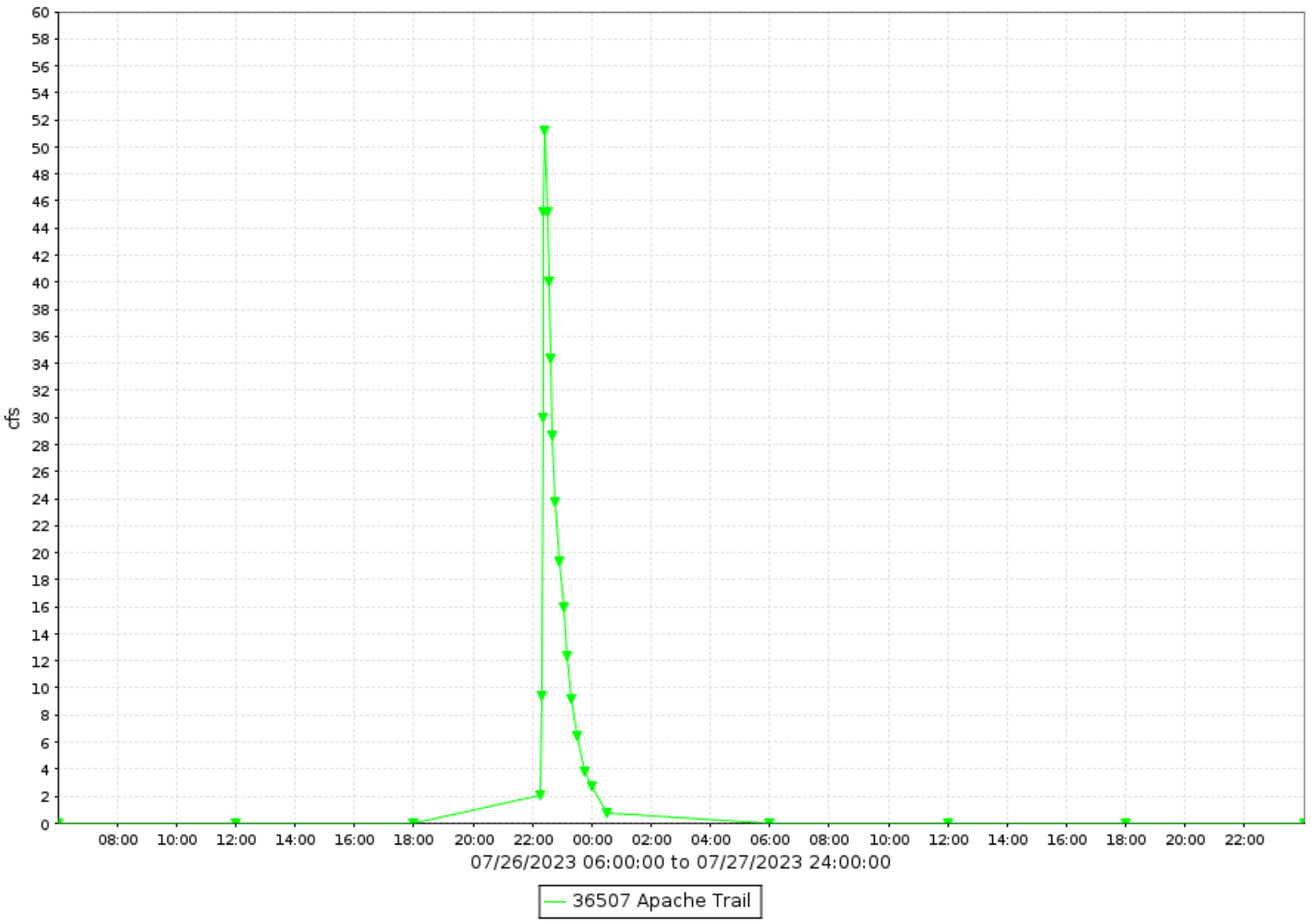




WY2023 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
12/3	0.41	8
1/1	0.41	8
2/26	0.28	5
3/1	0.65	16
3/15	0.52	11
7/26	1.41	51
9/13	0.63	15

Hydrograph of peak WY 2023 flow event, 07/26/2023



Apache Trail, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

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

WTR YR 2023 TOTAL 13 MEAN 0 MAX 51 MIN 0 AC_FT 25

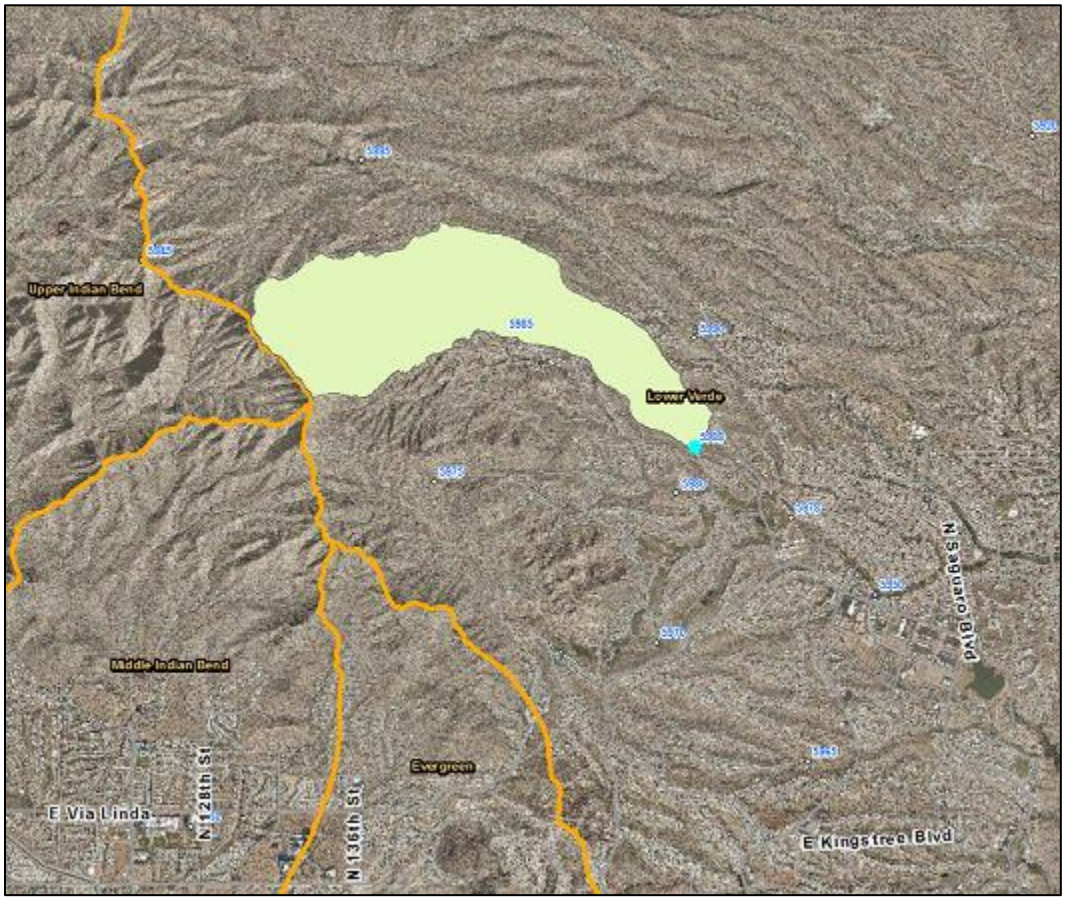
Aspen Dam, ID #78707

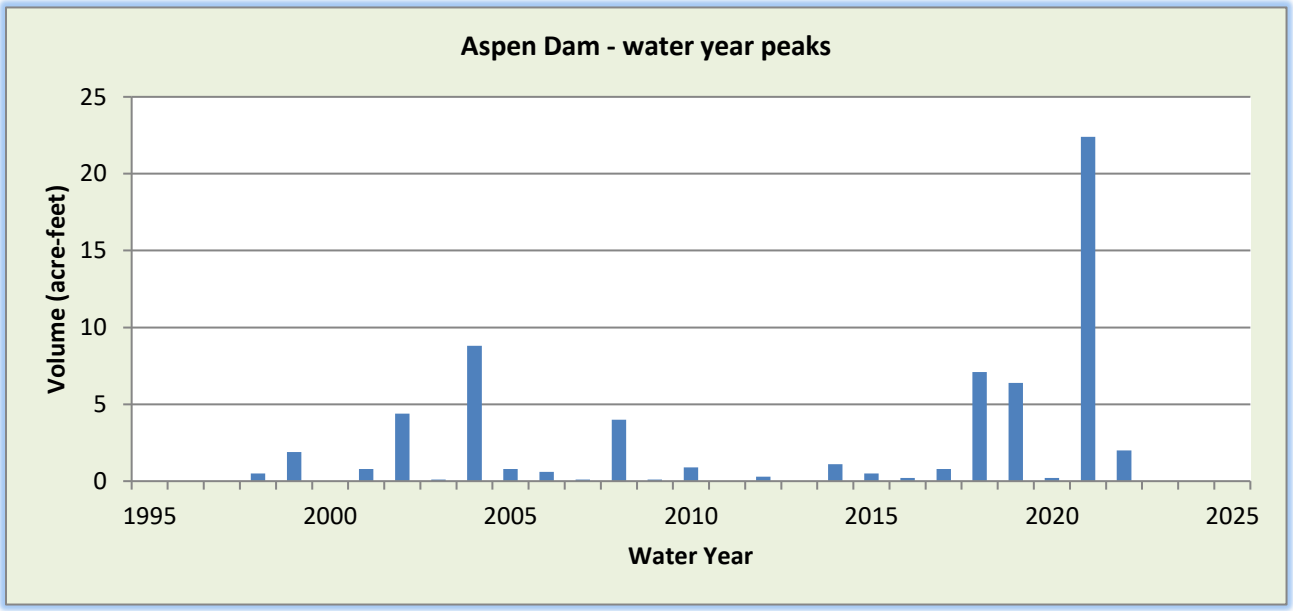


Site Data

LOCATION	Near Aspen Drive and Golden Eagle Boulevard
DRAINAGE AREA	2.13 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
ARIZONA STATE PLANE	E 751784 | N 955280
USGS QUAD SHEET	Fort McDowell Dam 7.5-Minute
STREAMGAGE INSTALLATION DATE	01/02/1997 – WY 1997
PERIOD OF AVAILABLE DATA RECORD	01/02/1997 – Current
LENGTH OF AVAILABLE DATA RECORD	26.74 Years | 9,768 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.33 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,810.876 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





WY2023 Events

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

Hydrograph of peak WY 2023 impoundment event

No impoundment recorded during Water Year 2023.

Aspen Dam, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

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 2023 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

Aspen Dam, volume data

Volume, in acre feet, Water Year October 2022 to September 2023

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	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 2023 MEAN 0 MAX 0 MIN 0

Aspen Dam, stage data

Depth, in feet, Water Year October 2022 to September 2023

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	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 2023 MEAN 0.24 MAX 0.24 MIN 0.24

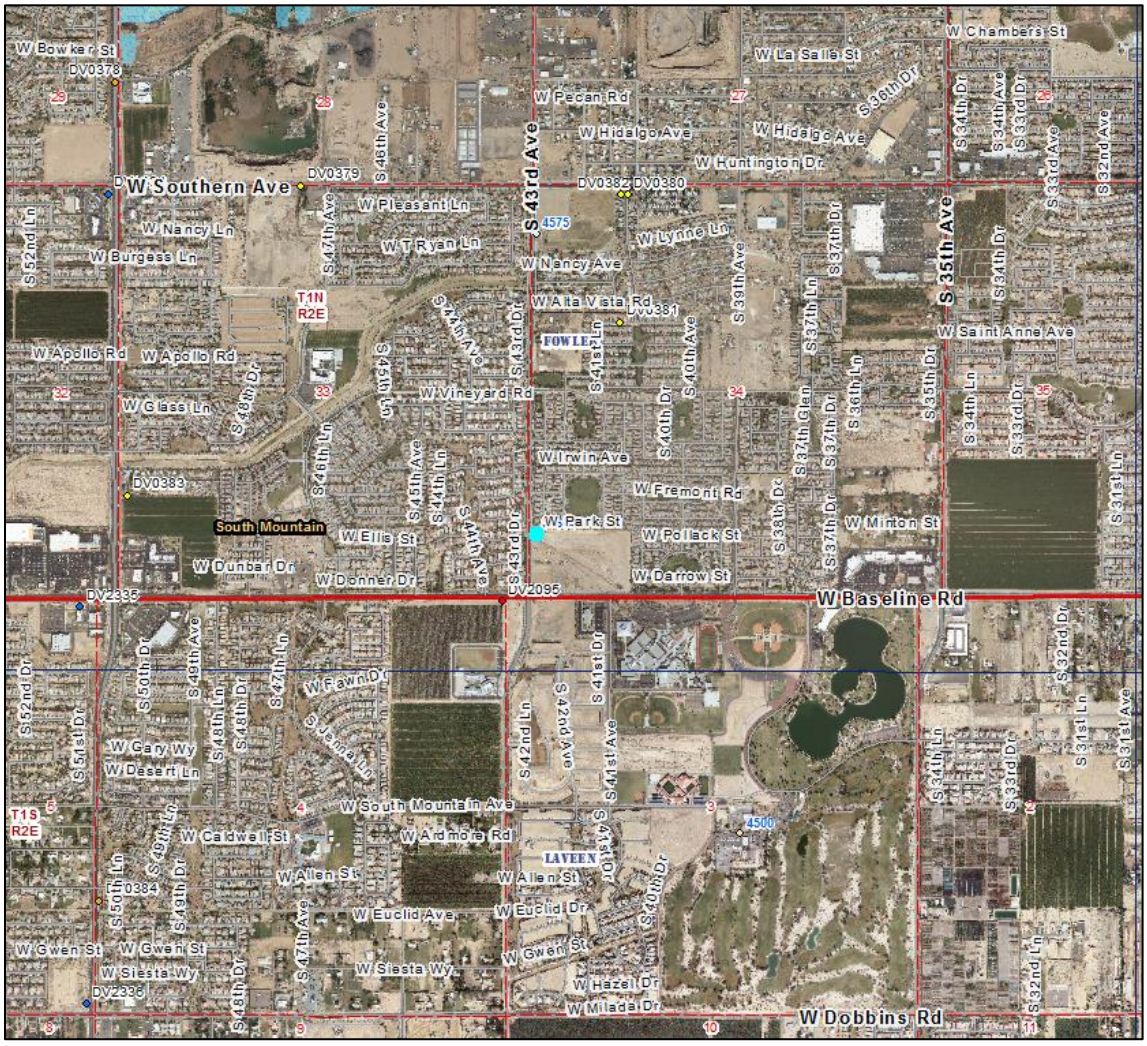
Baseline Road at 43rd Avenue Basin, ID #66407

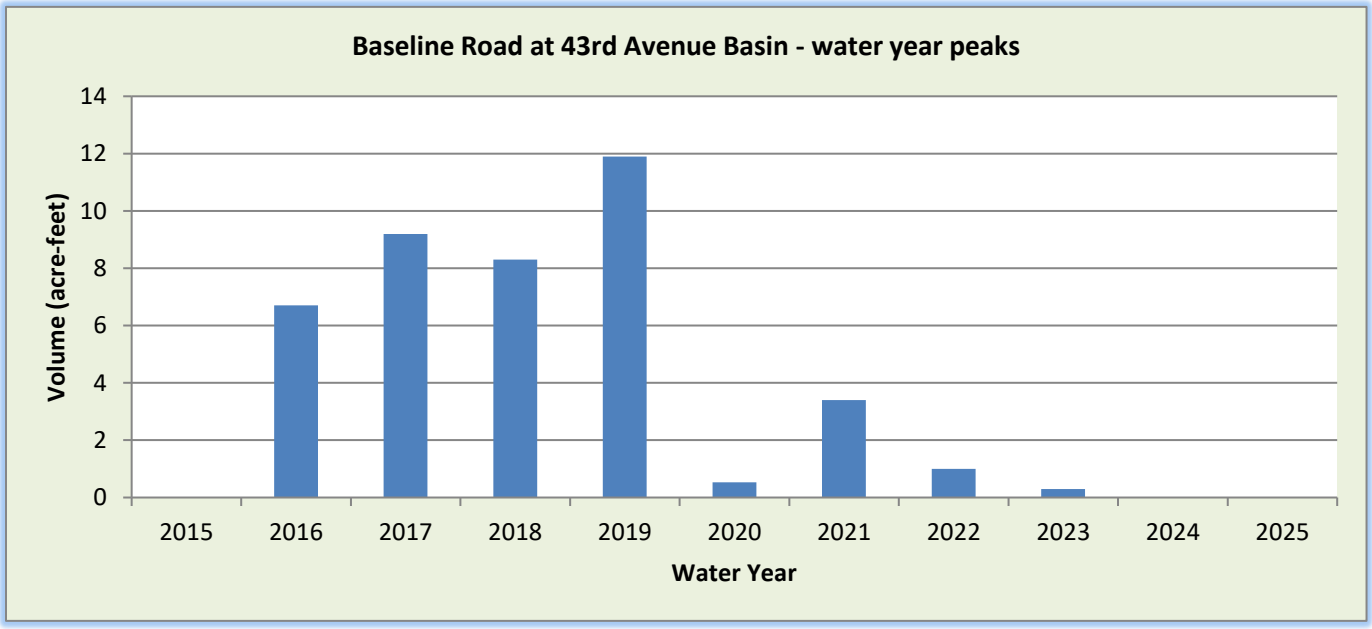


Site Data

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**
ARIZONA STATE PLANE	**E 628560 | N 865790**
USGS QUAD SHEET	**Fowler 7.5-Minute**
STREAMGAGE INSTALLATION DATE	**10/01/2015 – WY 2016**
PERIOD OF AVAILABLE DATA RECORD	**10/01/2015 – Current**
LENGTH OF AVAILABLE DATA RECORD	**8.00 Years | 2,922 Days**
GAPS IN RECORD	**None**
STAGE GAGE TYPE	**Pressure Transducer**
STAGE GAGE ELEVATION	**0.20 feet Gage Height**
STAFF GAGES	**0**
CREST STAGE GAGES	**0**
ZERO GAGE HEIGHT ELEVATION	**1,023.951 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

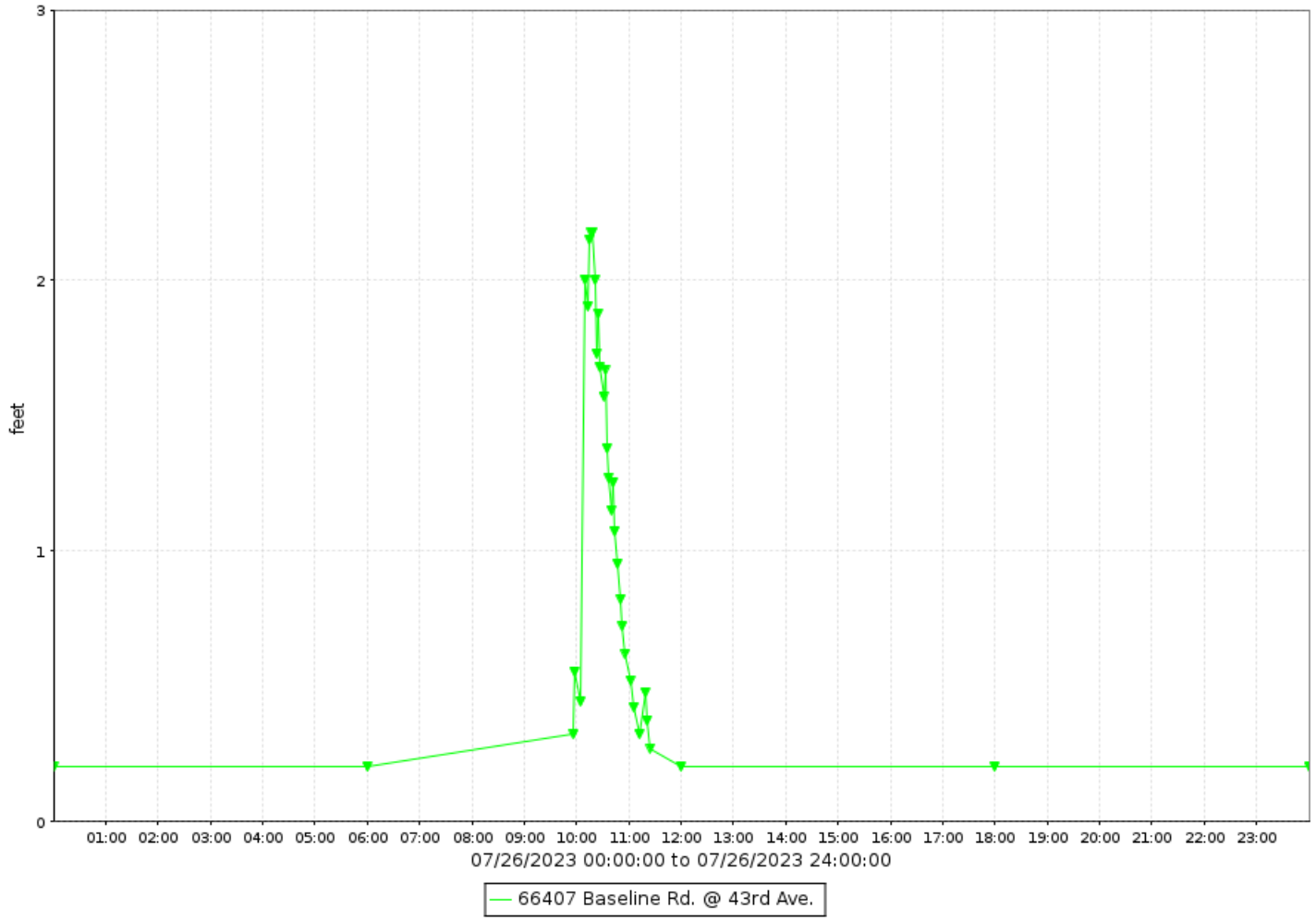




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
10/16	1.87	0.0	0.0
12/3	0.49	0.0	0.0
12/28	0.55	0.0	0.0
3/1	0.57	0.0	0.0
3/15	0.62	0.0	0.0
7/26	2.18	0.3	0.9

Hydrograph of peak WY 2023 impoundment event, 07/26/2023



Baseline Road at 43rd Avenue Basin, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
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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 2023 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

NOTE: No discharge rating exists for this site.

Baseline Road at 43rd Avenue Basin, volume data

Volume, in acre-feet, Water Year October 2022 to September 2023

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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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 2023 MEAN 0 MAX 0 MIN 0

Baseline Road at 43rd Avenue Basin, stage data

Depth, in feet, Water Year October 2022 to September 2023

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	0.3	0.2	0.2	0.2	0.2	0.2	0.2
2	0.2	0.2	0.3	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2
3	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
4	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
5	0.2	0.2	0.2	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	0.5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
16	0.7	0.2	0.2	0.2	0.2	0.3	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	0.3	0.2	0.2
27	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
28	0.2	0.2	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
29	0.2	0.2	0.3	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	1.9	0.2	0.6	0.2	0.2	0.6	0.2	0.2	0.2	2.2	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 2023 MEAN 0.21 MAX 2.18 MIN 0.20

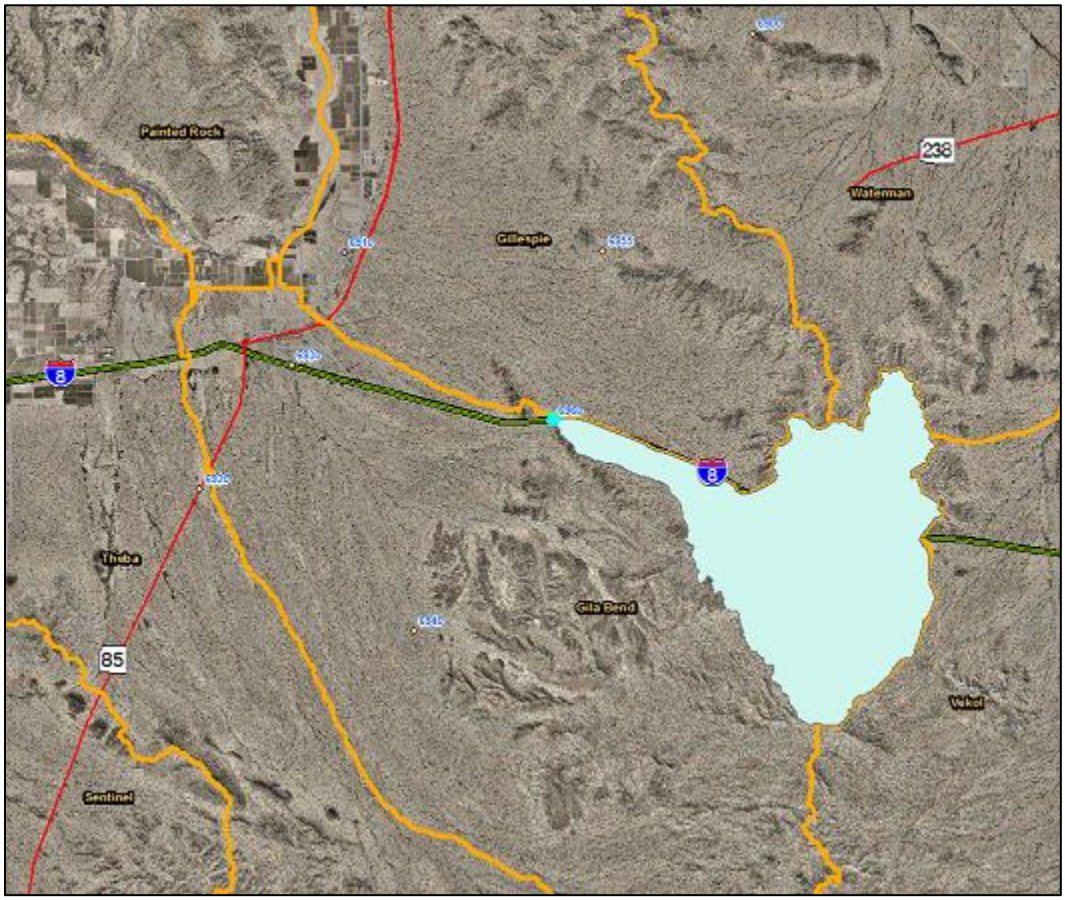
Bender Wash, ID #40507

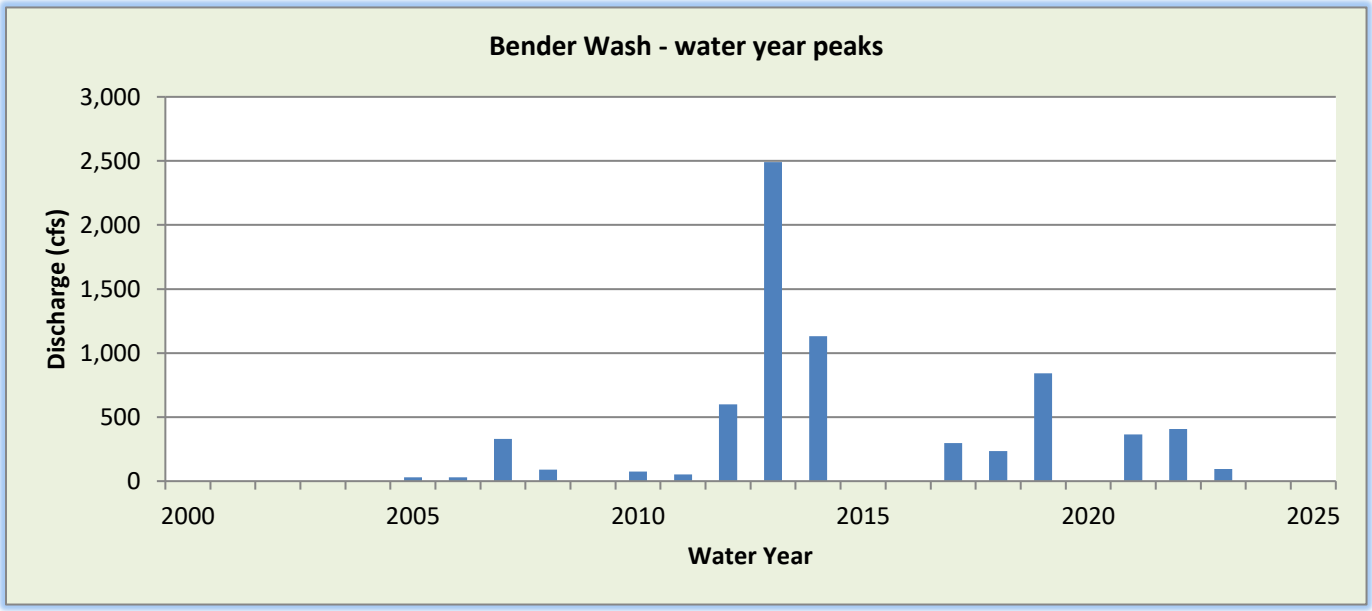


Site Data

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
ARIZONA STATE PLANE	E 504685 | N 694060
USGS QUAD SHEET	Bosque 7.5-Minute
STREAMGAGE INSTALLATION DATE	05/12/2004 – WY 2004
PERIOD OF AVAILABLE DATA RECORD	05/12/2004 – Current
LENGTH OF AVAILABLE DATA RECORD	19.39 Years | 7,081 Days
GAPS IN RECORD	10/06/2015 – 05/22/2017
STAGE GAGE TYPE	Transducer
STAGE GAGE ELEVATION	1.20 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	2
ZERO GAGE HEIGHT ELEVATION	1,200.205 feet NAVD88
POINT OF ZERO FLOW	0.5 feet Gage Height
EXTREME FOR PERIOD OF RECORD	2,490 cfs | 7.10 feet | 07/21/2013
EXTREME OUTSIDE PERIOD OF RECORD	8,250 cfs | 10.78 feet | 09/07/2002

Watershed Map

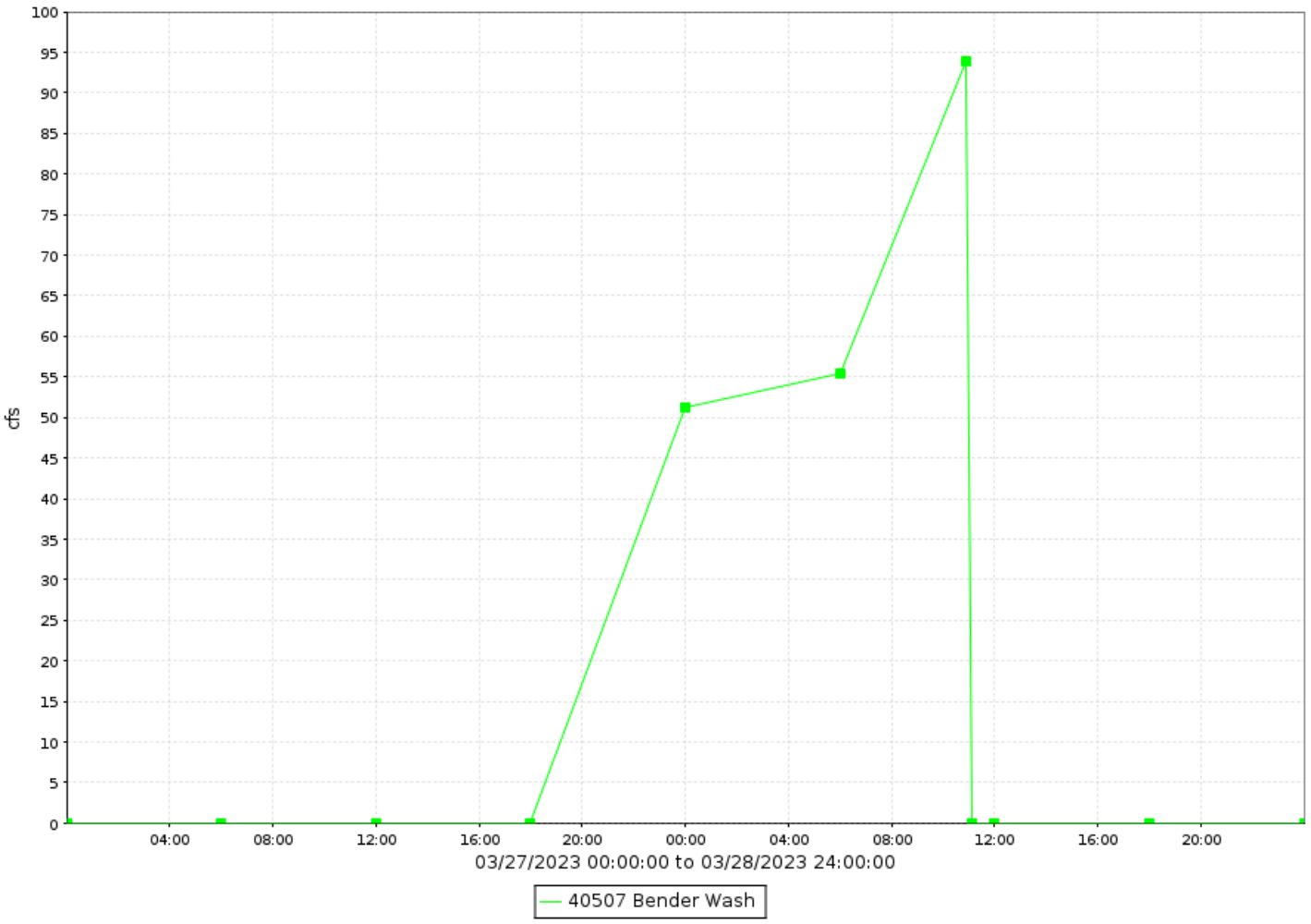




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
3/28	1.67	94

Hydrograph of peak WY 2023 flow event, 03/27/2023



Bender Wash, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

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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16												
17												
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21												
22												
23												
24												
25												
26												
27												
28						25						
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	0	0	25	0	0	0	0	0	0
MEAN	0	0	0	0	0	1	0	0	0	0	0	0
MAX	0	0	0	0	0	94	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	49	0	0	0	0	0	0

WTR YR 2023 TOTAL 25 MEAN 0 MAX 94 MIN 0 AC_FT 49

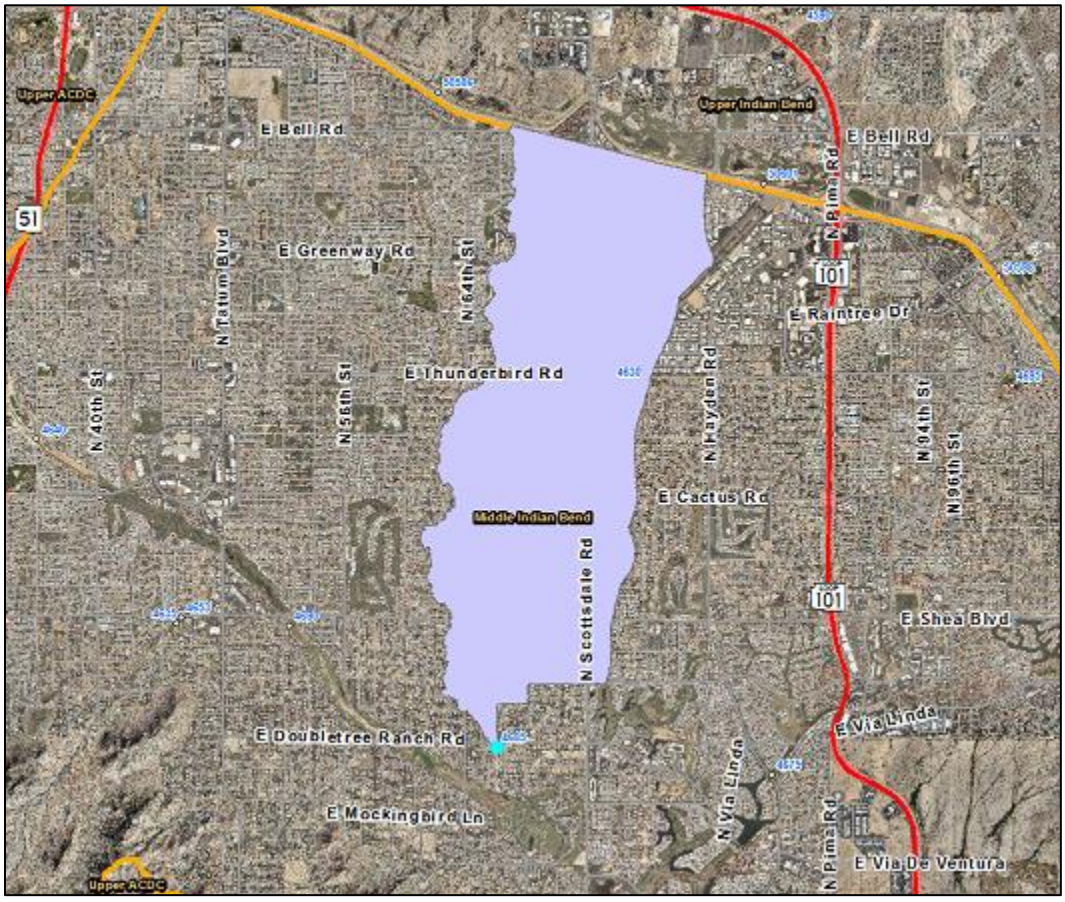
Berneil Wash, ID #59207

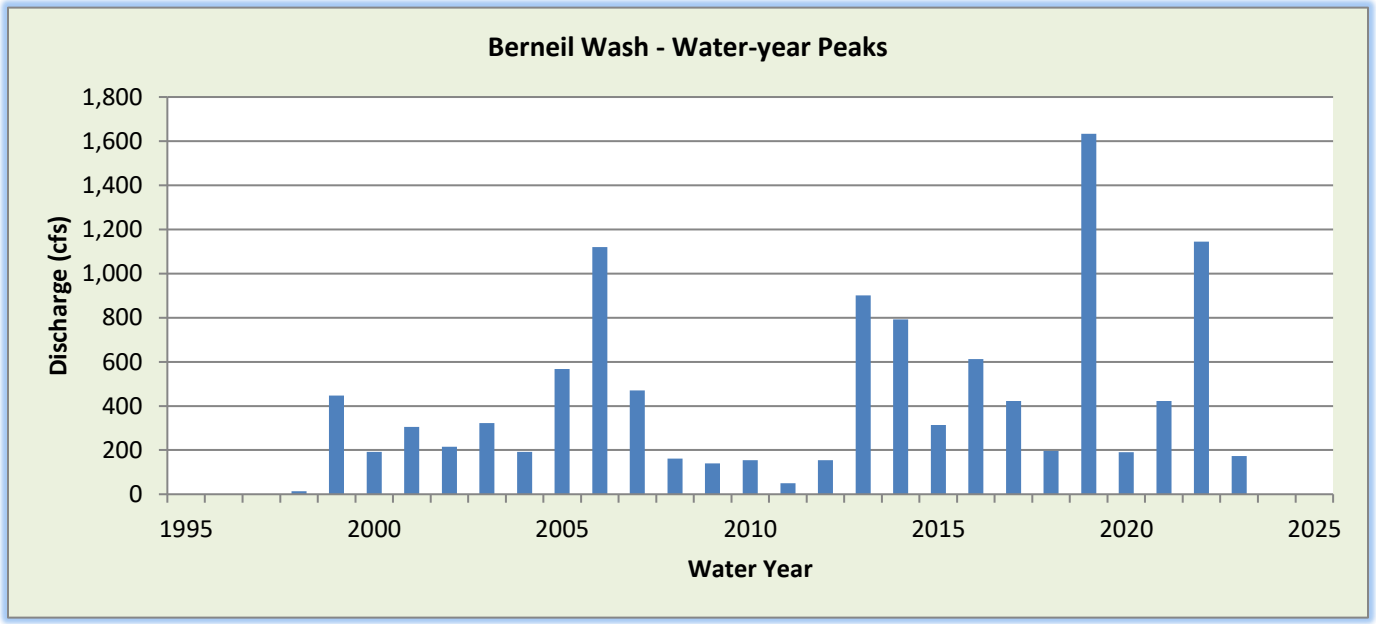


Site Data

LOCATION	Near 66th Street and Doubletree Road
DRAINAGE AREA	6.9 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
ARIZONA STATE PLANE	E 693248 | N 933839
USGS QUAD SHEET	Paradise Valley 7.5-Minute
STREAMGAGE INSTALLATION DATE	07/30/1998 – WY 1998
PERIOD OF AVAILABLE DATA RECORD	07/30/1998 – Current
LENGTH OF AVAILABLE DATA RECORD	25.17 Years | 9,194 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.00 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,314.560 feet NAVD88
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	1,634 cfs | 3.50 feet | 10/02/2018

Watershed Map

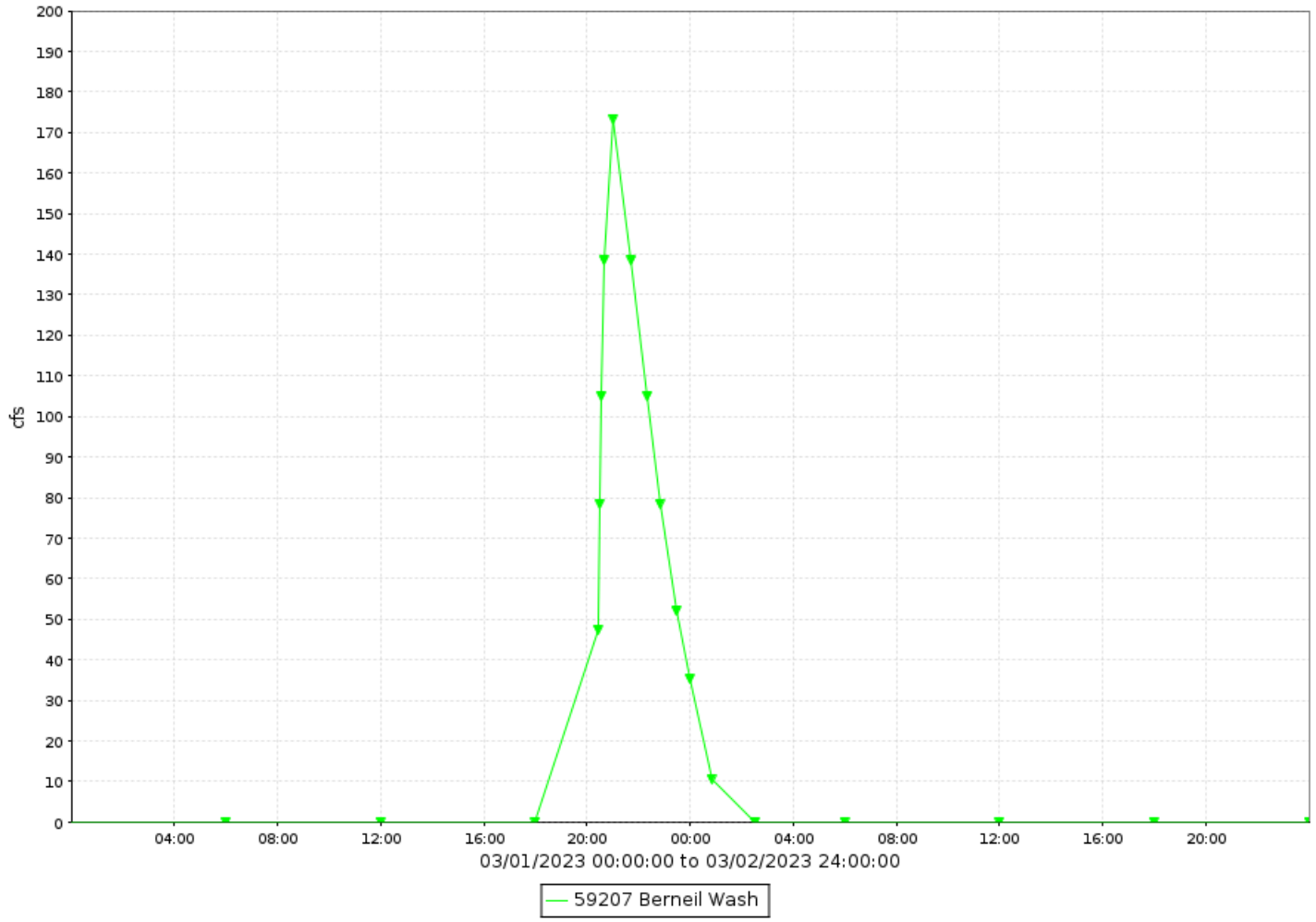




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
10/14	0.62	118
10/16	0.72	144
10/25	0.32	52
10/28	0.50	89
11/8	0.70	138
12/28	0.37	62
1/1	0.42	72
3/1	0.83	173
3/15	0.37	62

Hydrograph of peak WY 2023 flow event, 03/01/2023



Berneil Wash, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				8		17						
2						2						1
3												
4												
5												
6												
7		5										
8		37										
9												
10												
11												
12	7											
13	11											
14	16											
15	5					5						
16	10					1						
17	---											
18												
19												
20												
21												
22												
23												
24	3											
25	12											
26												
27												
28	13		9									
29					---							
30					---							
31		---			---		---		---			---
TOTAL	77	42	9	8	0	24	0	0	0	0	0	1
MEAN	2	1	0	0	0	1	0	0	0	0	0	0
MAX	144	138	62	72	0	173	0	0	0	0	0	19
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	153	83	17	16	0	48	0	0	0	0	0	2

WTR YR 2023 TOTAL 161 MEAN 0 MAX 173 MIN 0 AC_FT 320

Blue Tank Wash, ID #52707

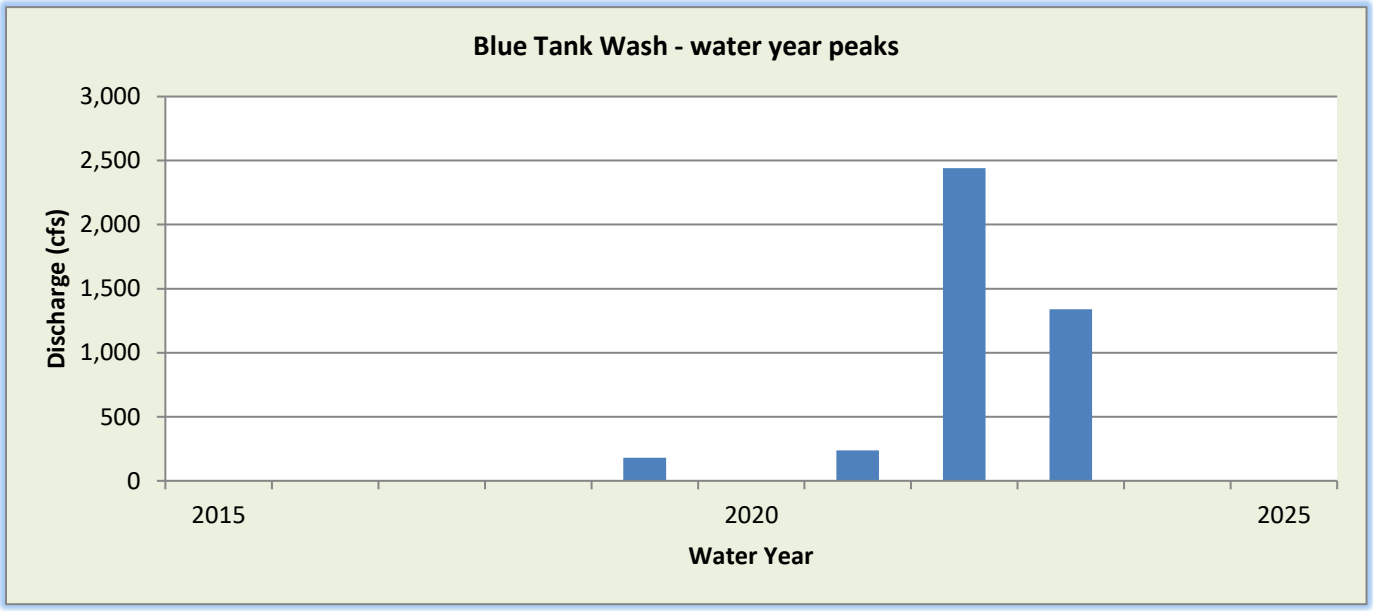


Site Data

LOCATION	Located northeast of Wickenburg near Blue Tank Road crossing
DRAINAGE AREA	9.3 mi^2
STREAM TYPE	Natural Stream
JURISDICTION	Yavapai County, Arizona
WATERSHED	Lower Hassayampa
SECTION/TOWNSHIP/RANGE	S29 T8N R4W
LATITUDE	N 34° 0’ 27.1” | +34.00753
LONGITUDE	W 112° 41’ 47.8” | -112.69660
ARIZONA STATE PLANE	E 463666 | N 1095025
USGS QUAD SHEET	Sam Powell Peak 7.5-minute
STREAMGAGE INSTALLATION DATE	05/29/2019 – WY 2019
PERIOD OF AVAILABLE DATA RECORD	05/29/2019 – Current
LENGTH OF AVAILABLE DATA RECORD	4.34 Years | 1,586 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	1.10 feet gage height
STAFF GAGES	None
CREST STAGE GAGES	None
ZERO GAGE HEIGHT ELEVATION	2,436.284 feet NAVD88
POINT OF ZERO FLOW	0.3 feet Gage Height
EXTREME FOR PERIOD OF RECORD	2,441 cfs | 4.17 feet GH | 07/27/2022

Location Map

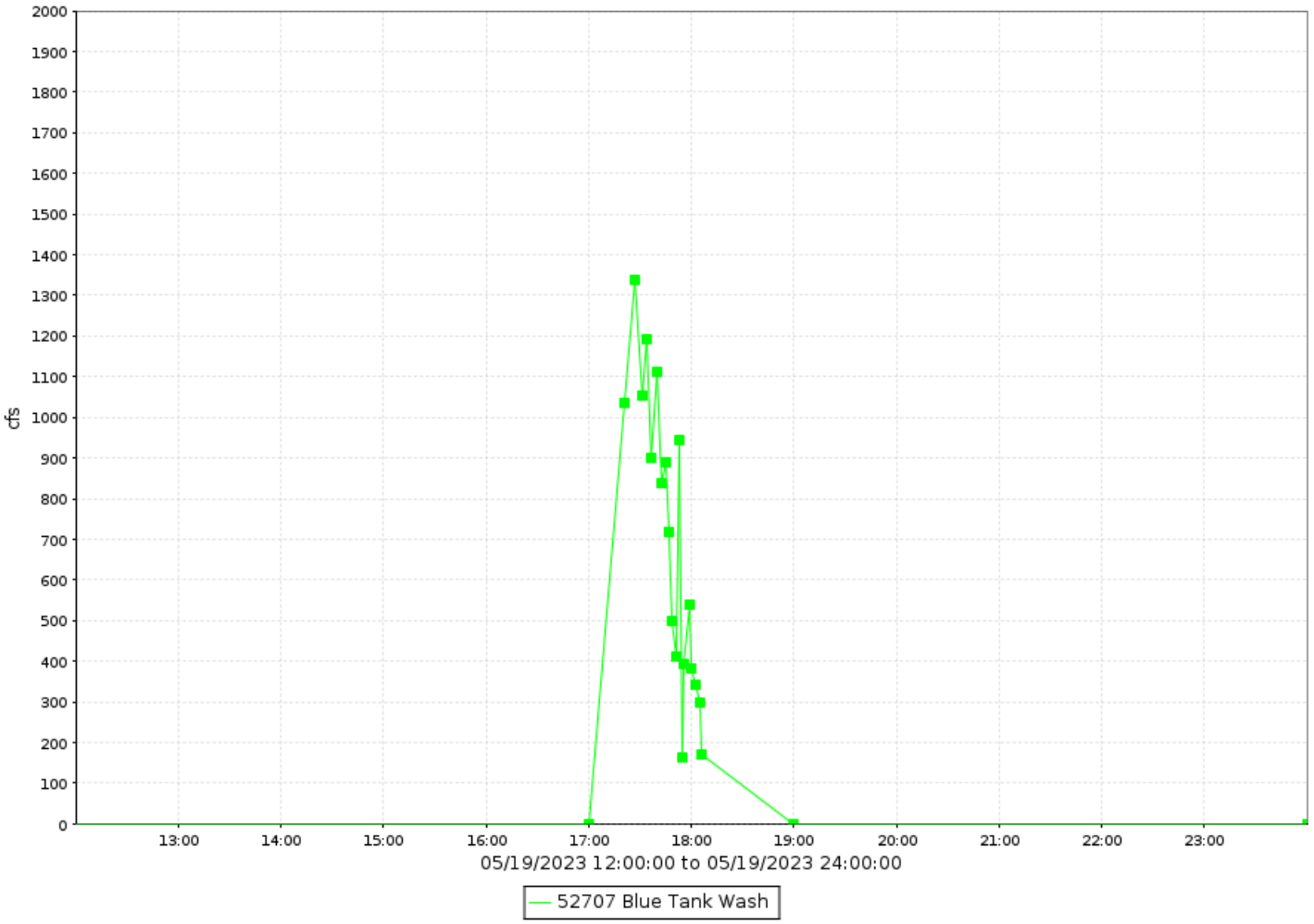




WY2023 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
3/22	1.80	487
5/19	3.00	1338

Hydrograph of peak WY 2023 flow event, 05/19/2023



Blue Tank Wash, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

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					---			32				
20					---							
21												
22						80						
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	0	0	80	0	32	0	0	0	0
MEAN	0	0	0	0	0	3	0	1	0	0	0	0
MAX	0	0	0	0	0	487	0	1338	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	158	0	63	0	0	0	0

WTR YR 2023 TOTAL 112 MEAN 0 MAX 1338 MIN 0 AC_FT 222

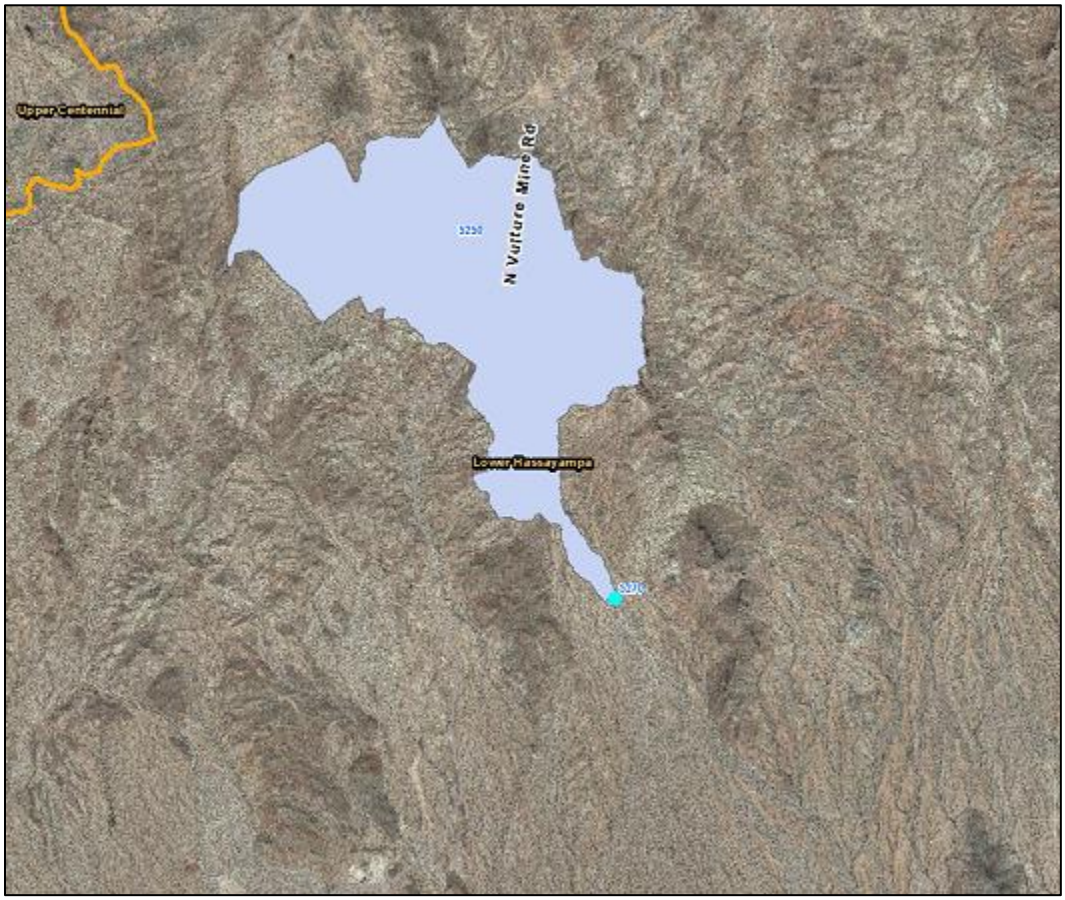
Box Wash, ID #47507

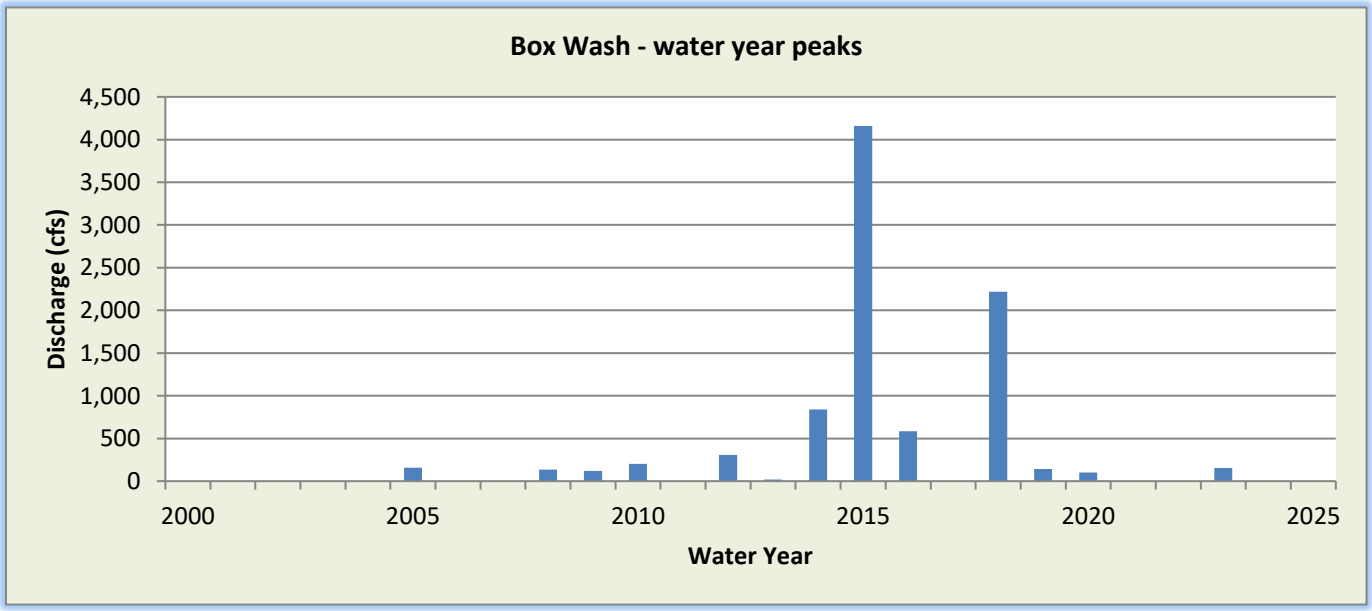


Site Data

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
ARIZONA STATE PLANE	E 432083 | N 1037691
USGS QUAD SHEET	Vulture Mine 7.5-Minute
STREAMGAGE INSTALLATION DATE	03/11/2003 – WY 2003
PERIOD OF AVAILABLE DATA RECORD	03/11/2003 – Current
LENGTH OF AVAILABLE DATA RECORD	20.56 Years | 7,509 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.20 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	2,256.149 feet NAVD88
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

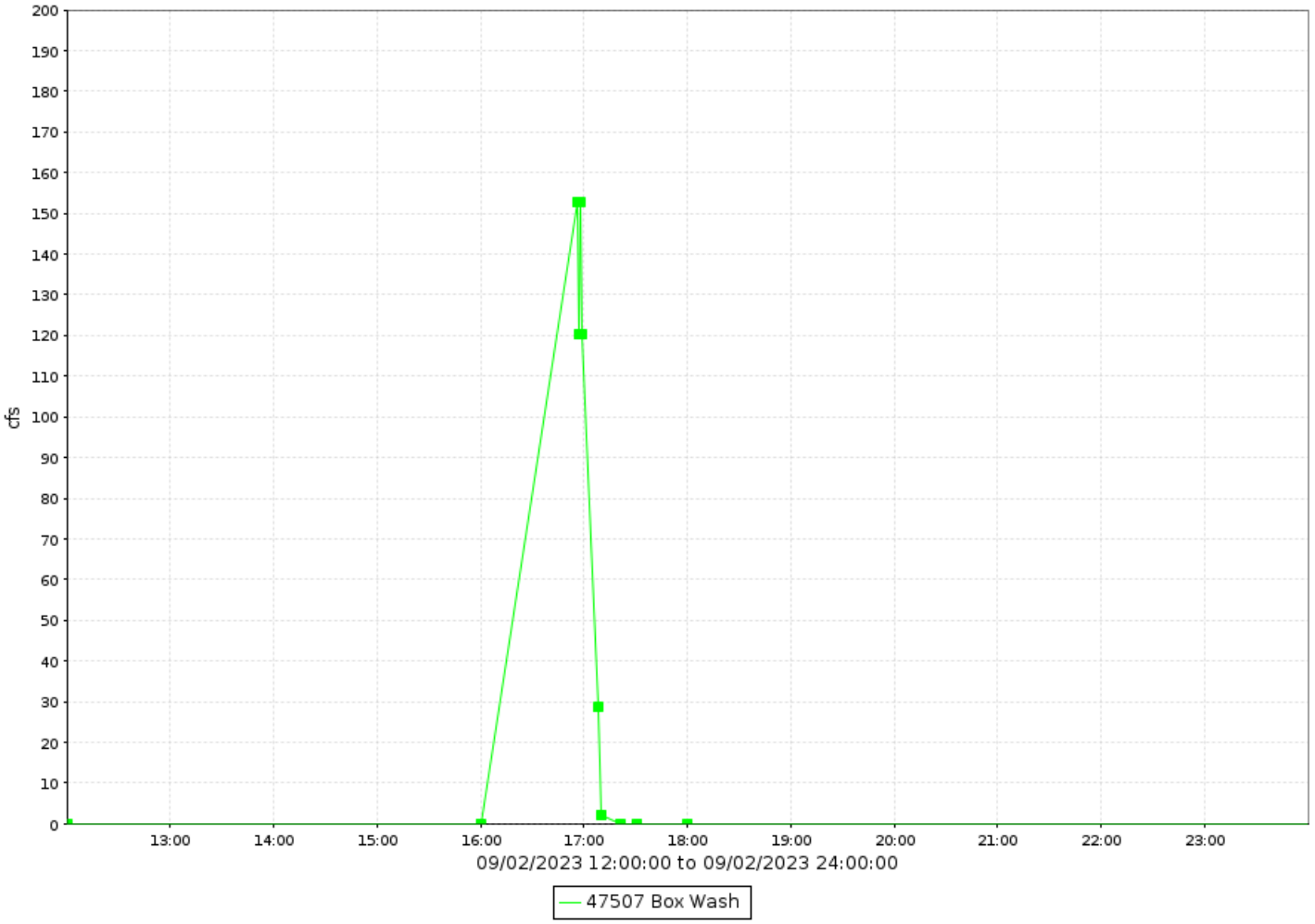




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
9/2	0.82	153

Hydrograph of peak WY 2023 flow event, 09/02/2023



Box Wash, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1		---										
2												1
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
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	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	153
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	2

WTR YR 2023 TOTAL 1 MEAN 0 MAX 153 MIN 0 AC_FT 2

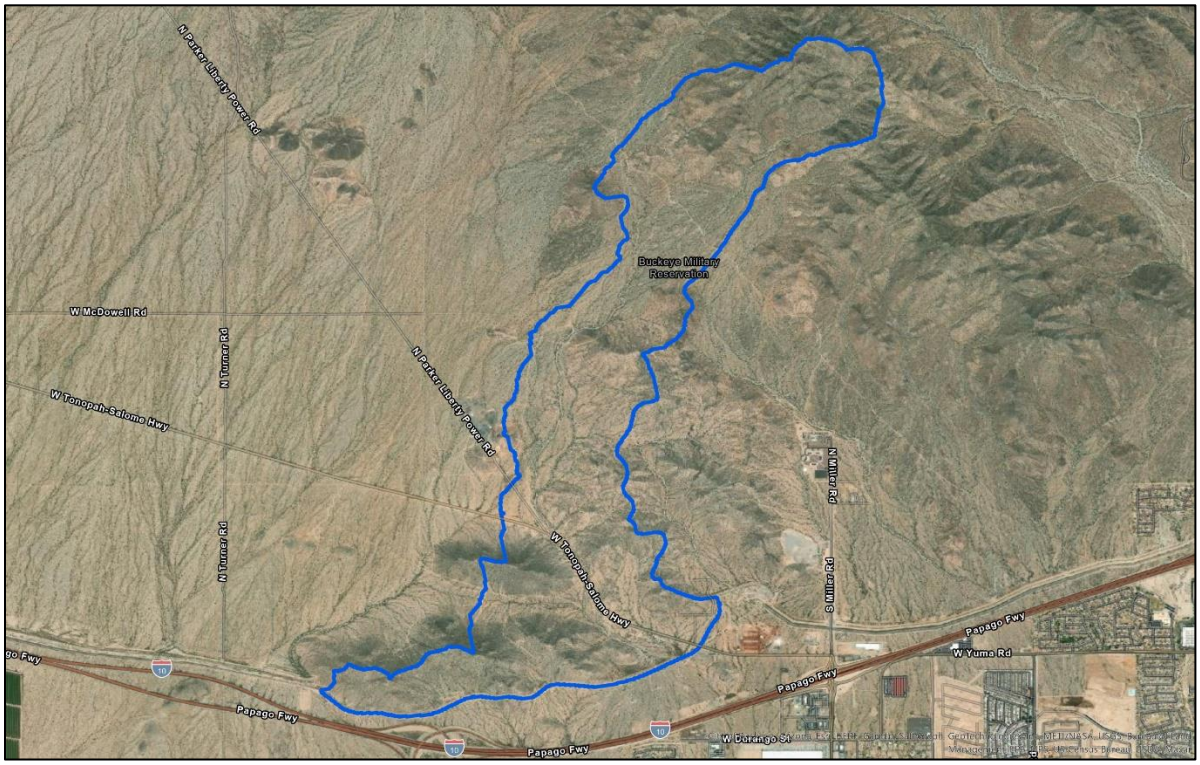
Buckeye Floodway, ID #44307

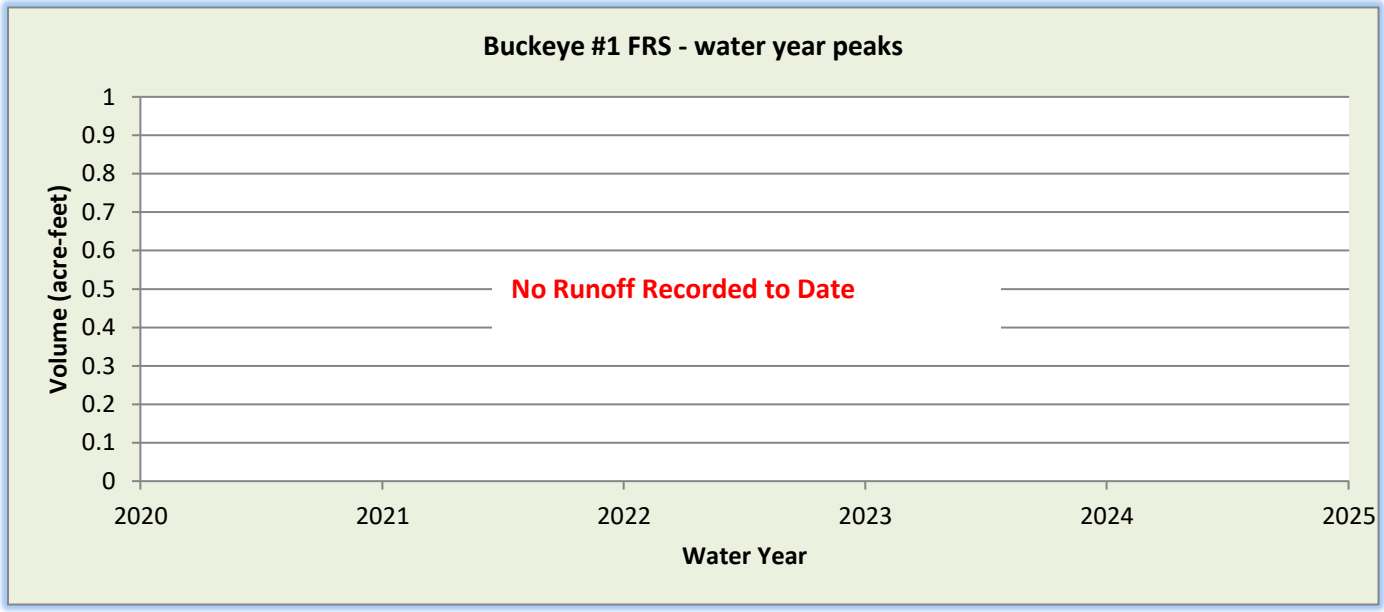


Site Data

LOCATION	Located at the north side of the Buckey FRS close to the I-10 85 interchange
DRAINAGE AREA	3.1 mi^2 via USGS Streams, 17.5 mi^2 including Buckeye 2, Buckeye 3 FRS
STREAM TYPE	Natural
JURISDICTION	Buckeye, Arizona
WATERSHED	Lower Hassyampa
SECTION/TOWNSHIP/RANGE	S14 T1N R4W
LATITUDE	N 33° 25’ 53.9” | +33.434145
LONGITUDE	W 112° 38’ 01.5” | -112.634272
STREAMGAGE INSTALLATION DATE	02/07/2023 – WY 2023
PERIOD OF AVAILABLE DATA RECORD	02/07/2023 – Current
LENGTH OF AVAILABLE DATA RECORD (AS OF 10/01/2023)	0.65 Years | 236 Days
GAPS (> 2 DAYS) IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.45 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,082.310 feet NAVD88
POINT OF ZERO FLOW	0.00 feet Gage Height
EXTREME FOR PERIOD OF RECORD	No flows recorded

Watershed Map





WY2023 Events

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

Hydrograph of peak WY 2023 flow event

No runoff recorded in Water Year 2023.

Buckeye Floodway, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

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 2023 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

*Station not installed until February 7th

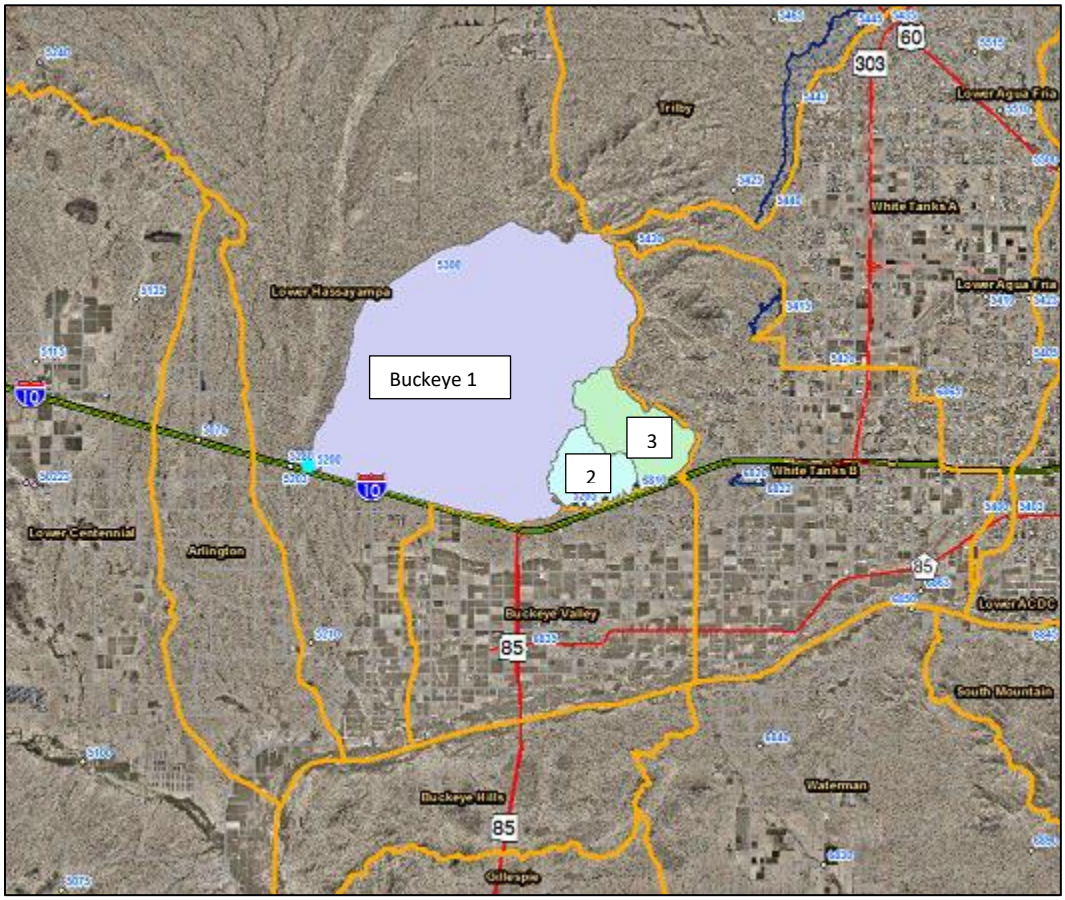
Buckeye FRS #1, ID #44007

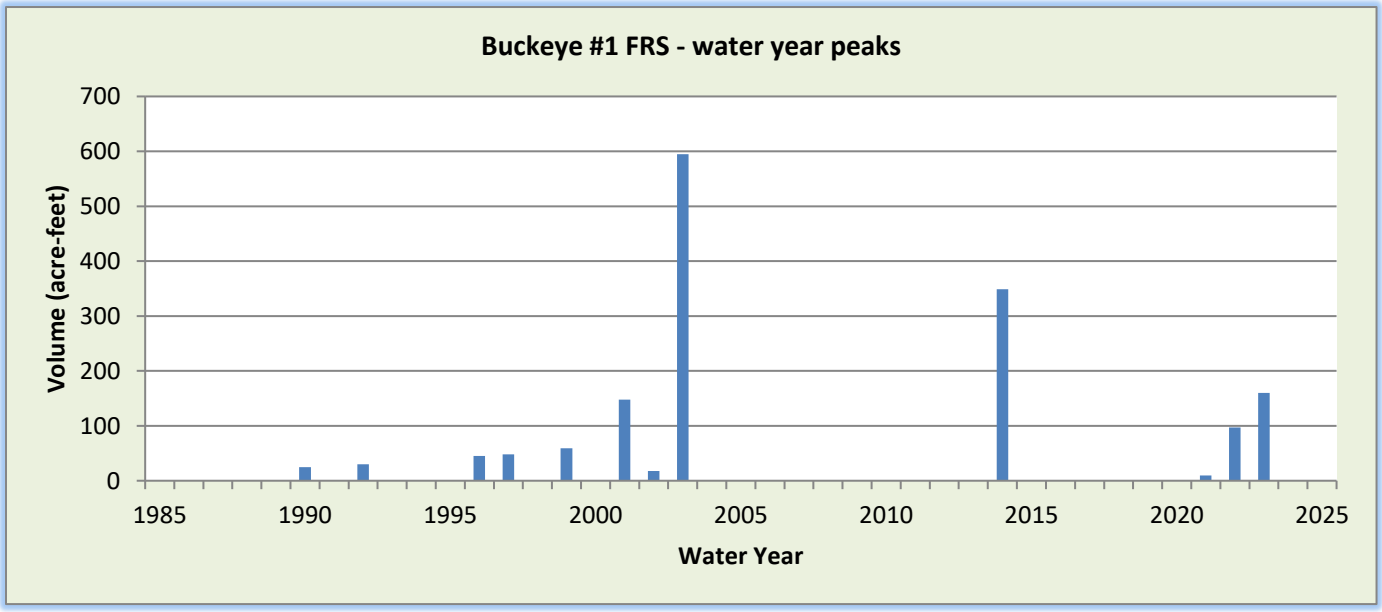


Site Data

LOCATION	Located near I-10 and the Hassayampa River
DRAINAGE AREA	76.6 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
ARIZONA STATE PLANE	E 445850 | N 895097
USGS QUAD SHEET	Buckeye NW 7.5-Minute
STREAMGAGE INSTALLATION DATE	07/26/1983 – WY 1983
PERIOD OF AVAILABLE DATA RECORD	11/23/1987 – Current
LENGTH OF AVAILABLE DATA RECORD	35.86 Years | 13,096 Days
GAPS IN RECORD	01/21/2010 – 03/01/2010, 10/10/2021 – 01/03/2022
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.20 feet Gage Height
STAFF GAGES	6
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,062.00 feet NAVD88
POINT OF ZERO FLOW	0.00 feet
SPILLWAY ELEVATION	18.7 feet Gage Height
TOP OF DAM ELEVATION	27.7 feet Gage Height

Watershed Map

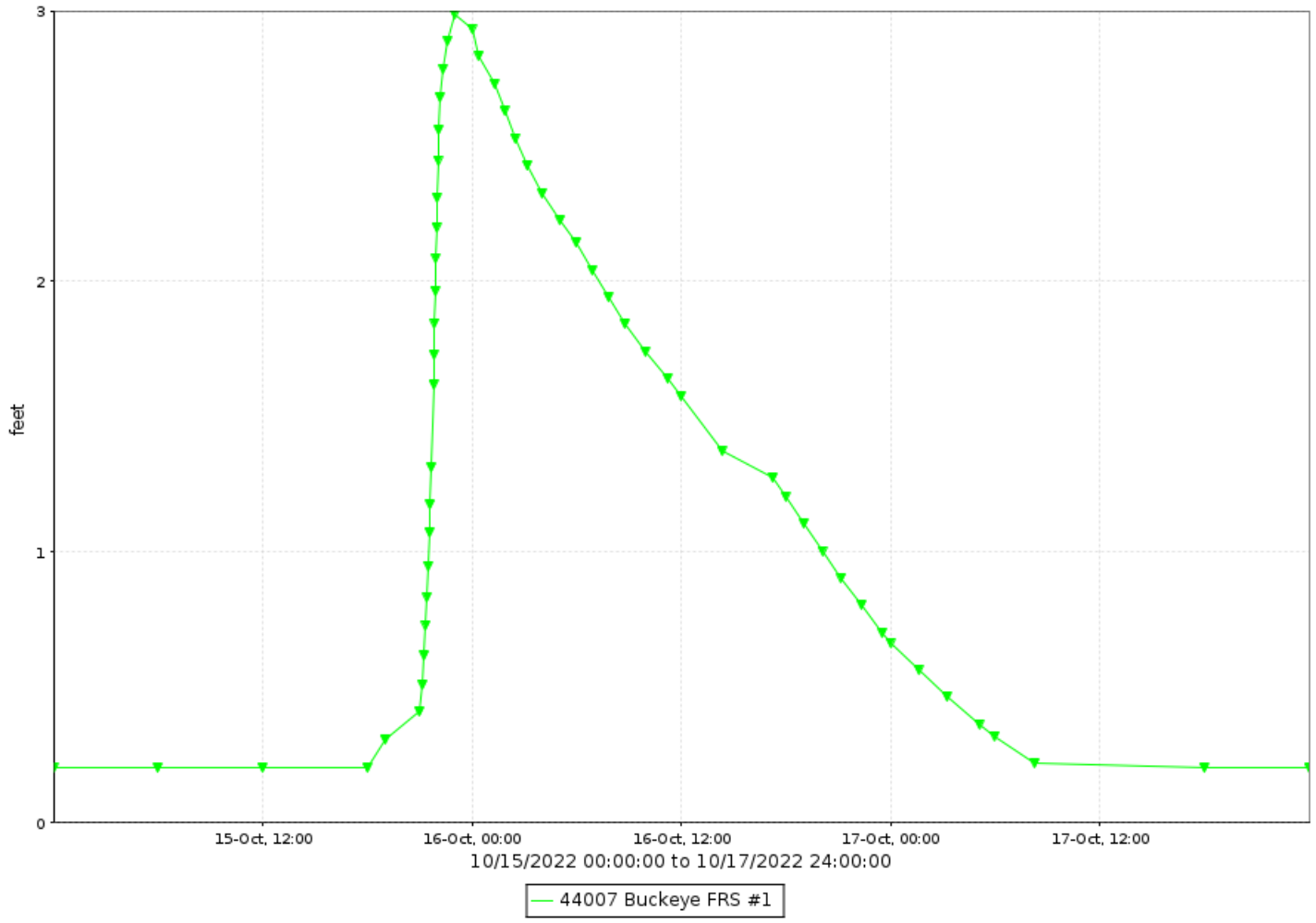




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
10/15	2.99	160.0	2.5

Hydrograph of peak WY 2023 impoundment event, 10/15/2022



Buckeye FRS #1, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15	4											
16	20											
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	24	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	41	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	47	0	0	0	0	0	0	0	0	0	0	0

WTR YR 2023 TOTAL 24 MEAN 0 MAX 41 MIN 0 AC_FT 47

Buckeye FRS #1, volume data

Volume, in acre-feet, Water Year October 2022 to September 2023

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	12											
16	43											
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
MEAN	2	0	0	0	0	0	0	0	0	0	0	0
MAX	160	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 2023 MEAN 0 MAX 160 MIN 0

Buckeye FRS #1, stage data

Depth, in feet, Water Year October 2022 to September 2023

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	0.5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
16	1.7	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
17	0.3	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	0.2	0.2	0.2
MAX	3.0	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 2023 MEAN 0.21 MAX 2.99 MIN 0.20

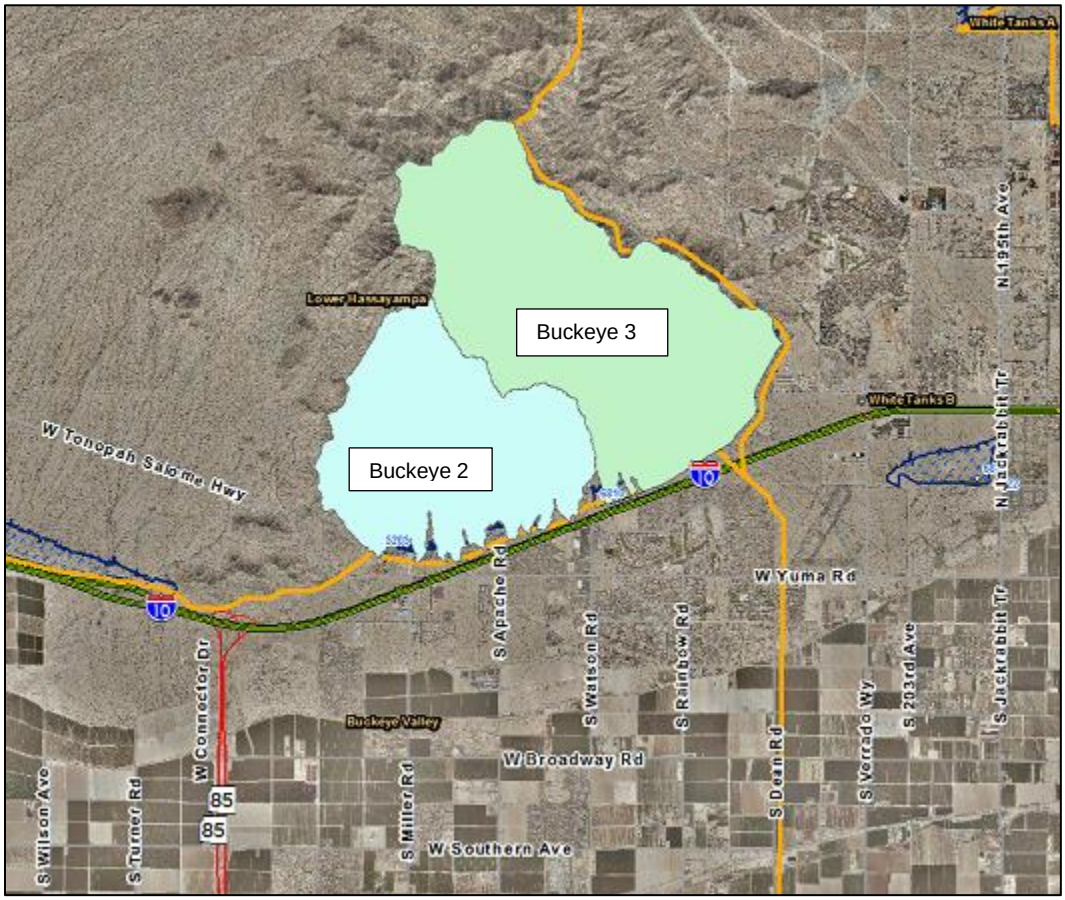
Buckeye FRS #2, ID #44507

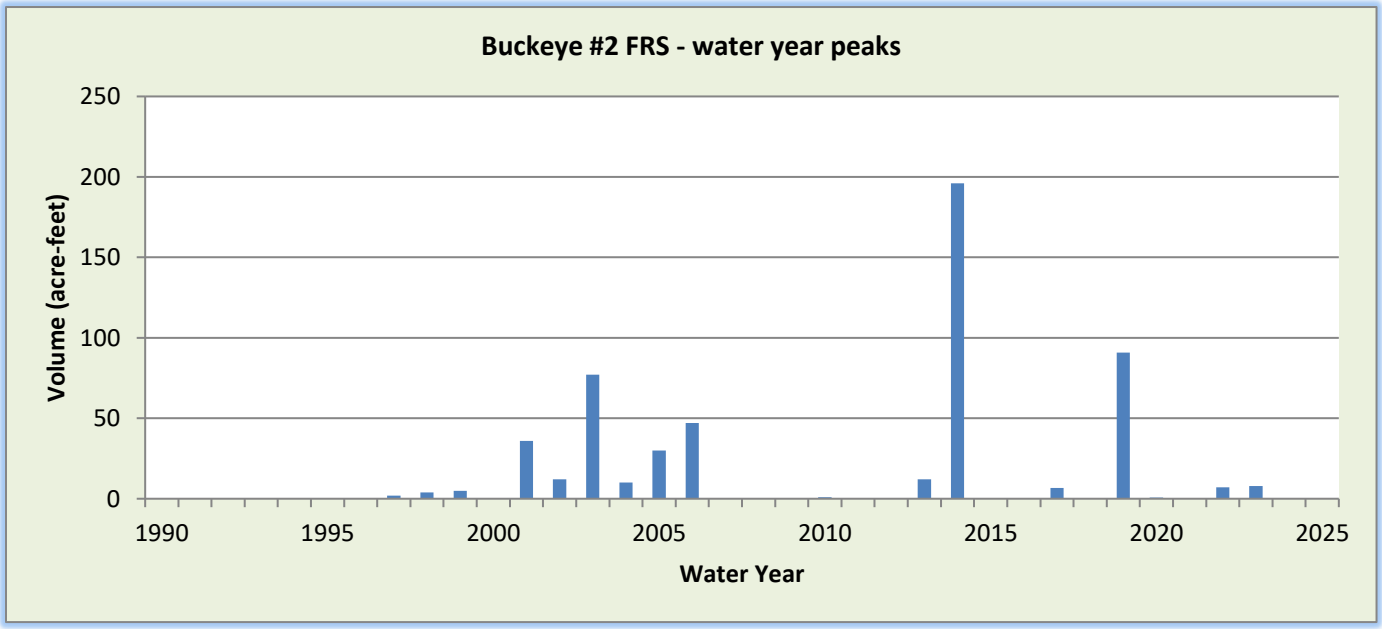


Site Data

LOCATION	Located north of I-10 near Miller Road
DRAINAGE AREA	5.7 mi^2
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
ARIZONA STATE PLANE	E 492623 | N 888131
USGS QUAD SHEET	Valencia 7.5-Minute
STREAMGAGE INSTALLATION DATE	11/11/1992 – WY 1993
PERIOD OF AVAILABLE DATA RECORD	11/11/1992 – Current
LENGTH OF AVAILABLE DATA RECORD	30.89 Years | 11,281 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	-1.39 feet Gage Height
STAFF GAGES	1
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,098.102 feet NAVD88
POINT OF ZERO FLOW	-1.54 feet Gage Height
SPILLWAY ELEVATION	15.0 feet Gage Height
TOP OF DAM ELEVATION	20.5 feet Gage Height

Watershed Map

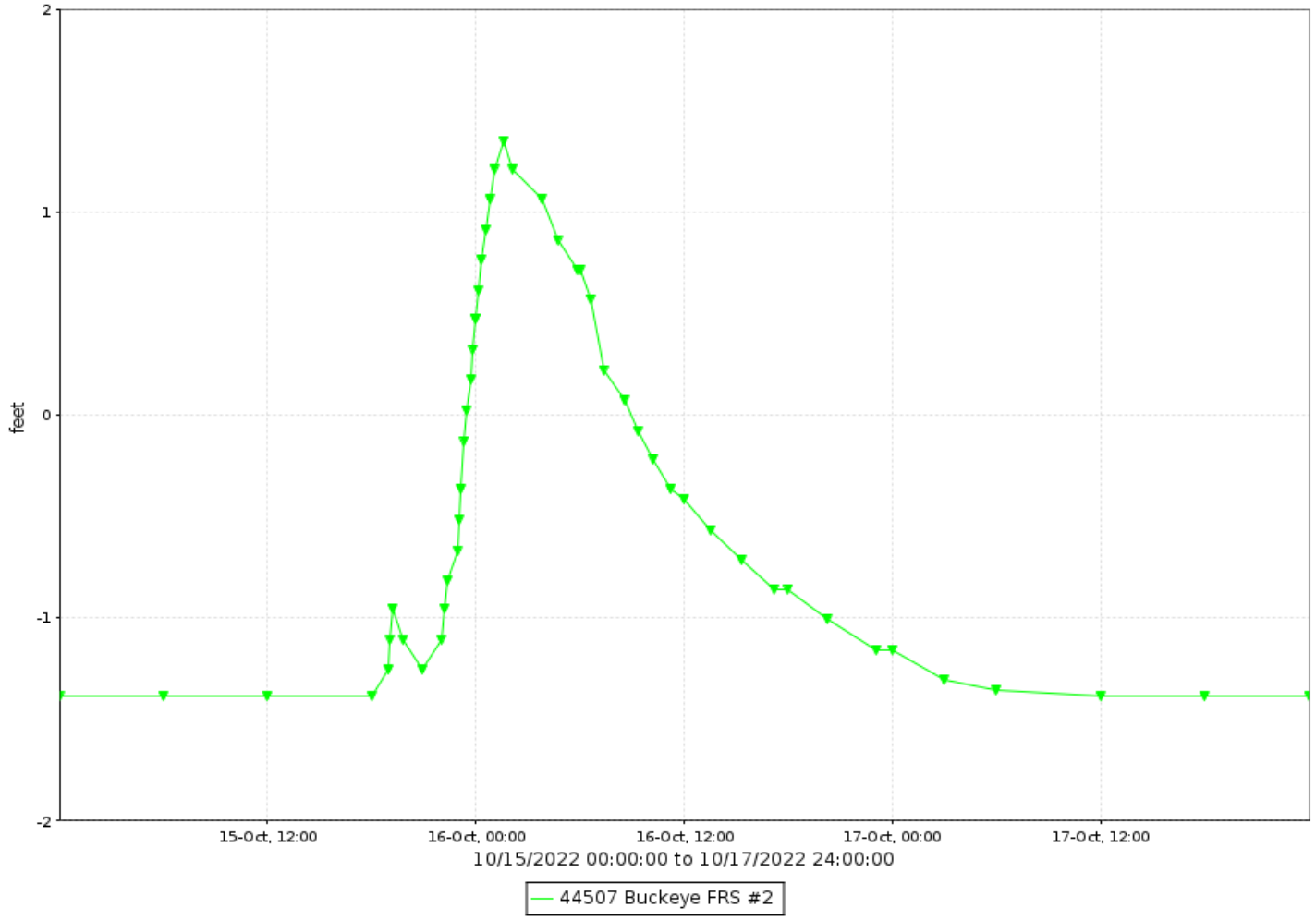




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
10/16	1.35	7.8	0.6

Hydrograph of peak WY 2023 impoundment event, 10/16/2022



Buckeye FRS #2, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

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	1											
16	14											
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	15	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	42	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	29	0	0	0	0	0	0	0	0	0	0	0

WTR YR 2023 TOTAL 15 MEAN 0 MAX 42 MIN 0 AC_FT 29

Buckeye FRS #2, volume data

Volume, in acre-feet, Water Year October 2022 to September 2023

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

WTR YR 2023 MEAN 0 MAX 8 MIN 0

Buckeye FRS #2, stage data

Depth, in feet, Water Year October 2022 to September 2023

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	-1.3	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4
16	-0.1	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4	-1.4
17	-1.3	-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	-1.3	-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 2023 MEAN -1.39 MAX 1.35 MIN -1.39

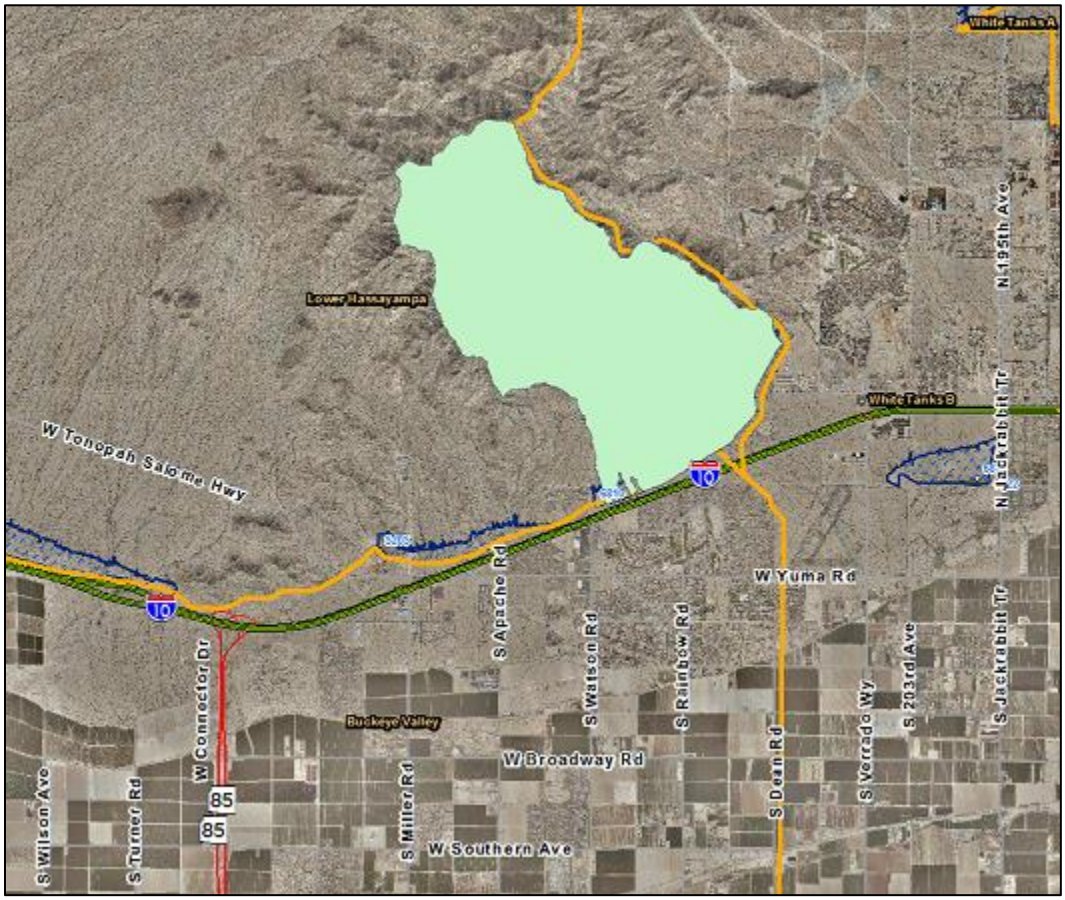
Buckeye FRS #3, ID #48807

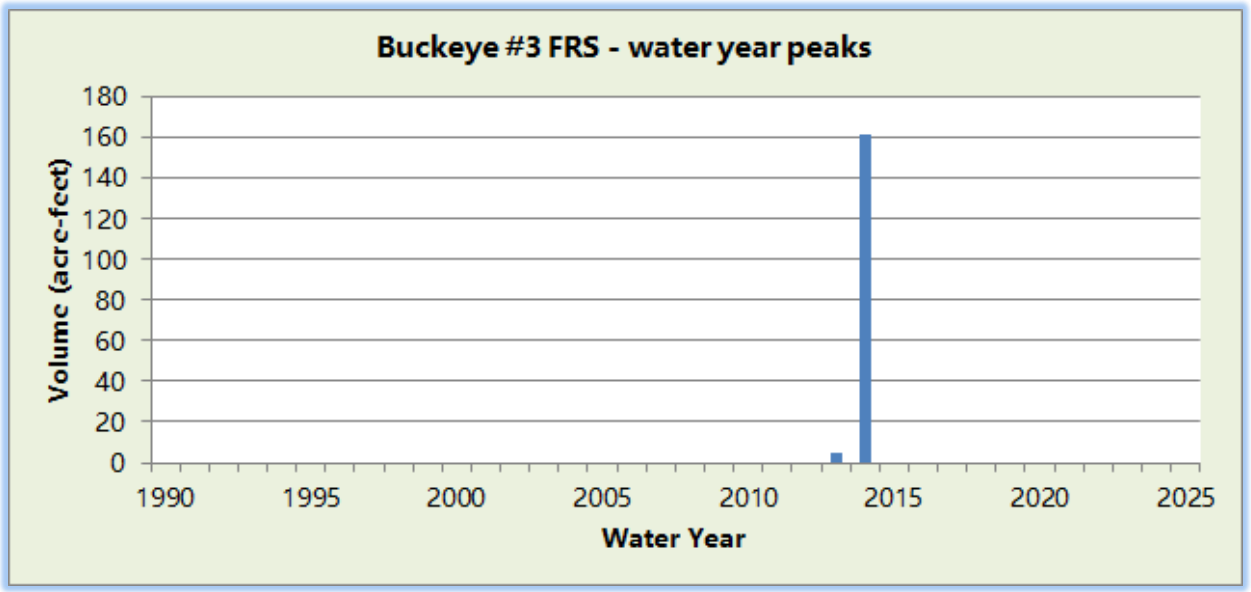


Site Data

LOCATION	Located north of I-10 near Watson Road
DRAINAGE AREA	8.7 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
ARIZONA STATE PLANE	E 505017 | N 890796
USGS QUAD SHEET	Valencia 7.5-Minute
STREAMGAGE INSTALLATION DATE	11/23/1992 – WY 1993
PERIOD OF AVAILABLE DATA RECORD	11/23/1992 – Current
LENGTH OF AVAILABLE DATA RECORD	30.85 Years | 11,269 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	-4.08 feet Gage Height
STAFF GAGES	1
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,151.034 Feet NAVD88
POINT OF ZERO FLOW	-4.10 feet Gage Height
SPILLWAY ELEVATION	14.00 feet Gage Height
TOP OF DAM ELEVATION	20.50 feet Gage Height

Watershed Map

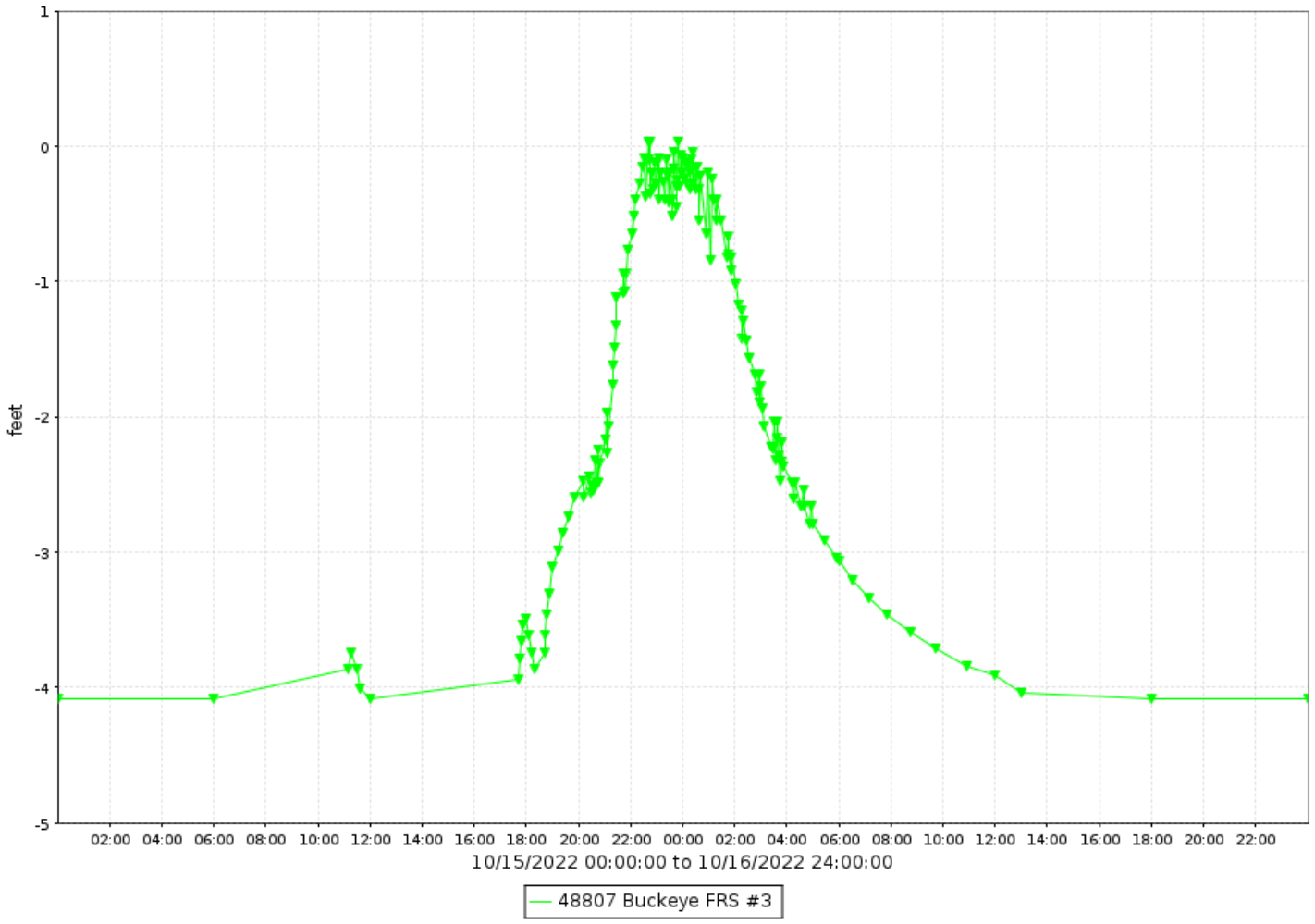




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
10/15	0.03	0.1	0.0

Hydrograph of peak WY 2023 impoundment event, 10/15/2022



Buckeye FRS #3, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

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	1	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	2	0	0	0	0	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	2	0	0	0	0	0	0	0	0	0	0	0

WTR YR 2023 TOTAL 1 MEAN 0 MAX 2 MIN 0 AC_FT 2

Buckeye FRS #3, volume data

Volume, in acre-feet, Water Year October 2022 to September 2023

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												
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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 2023 MEAN 0 MAX 0 MIN 0

Buckeye FRS #3, stage data

Depth, in feet, Water Year October 2022 to September 2023

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	-4.1	-4.1	-4.1
12	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1
13	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1
14	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1
15	-3.5	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1
16	-3.3	-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	-4.0	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1
MAX	0.0	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1
MIN	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1	-4.1

WTR YR 2023 MEAN -4.08 MAX 0.03 MIN -4.08

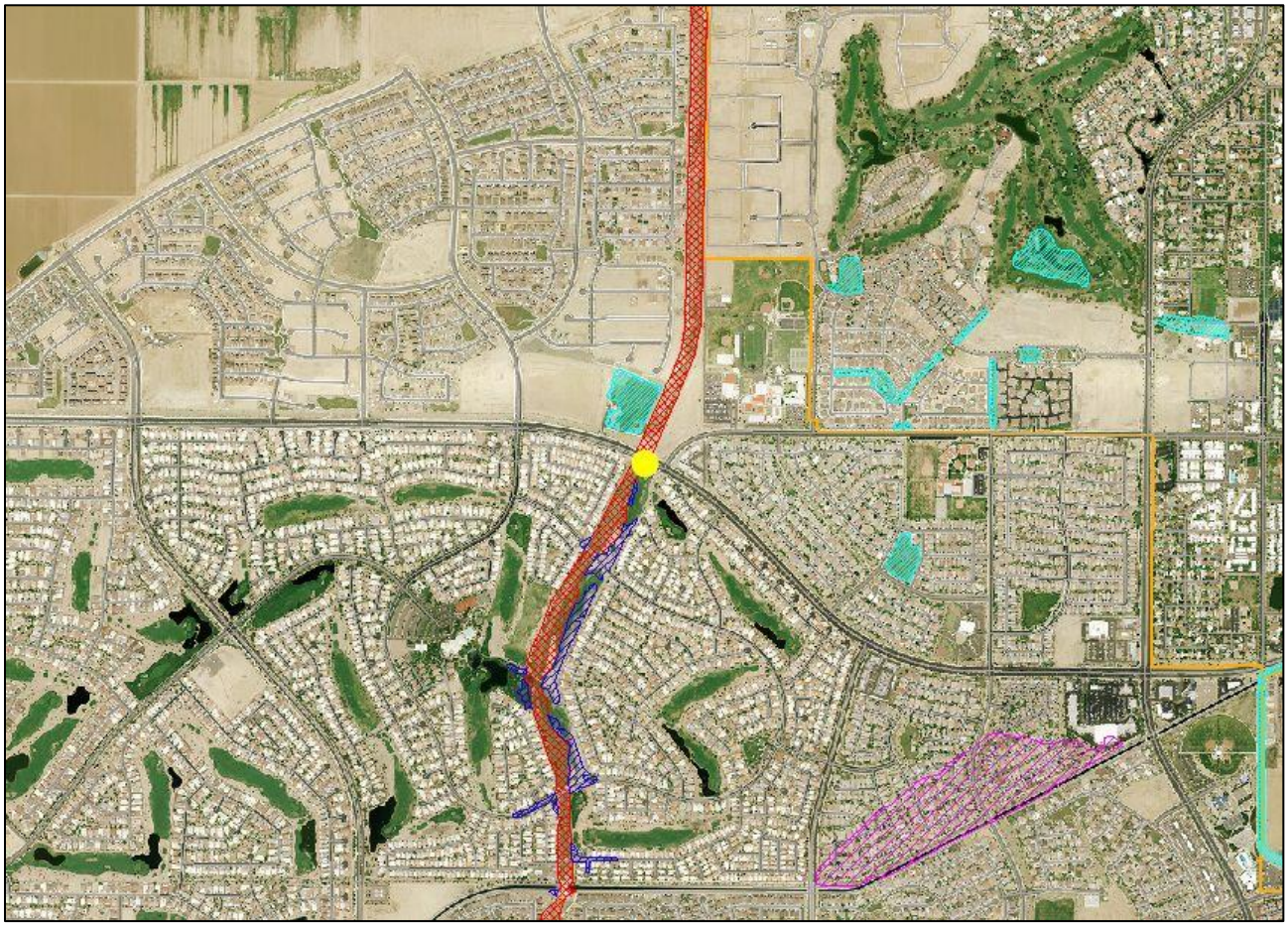
Bullard Wash at Indian School Road, ID #89507

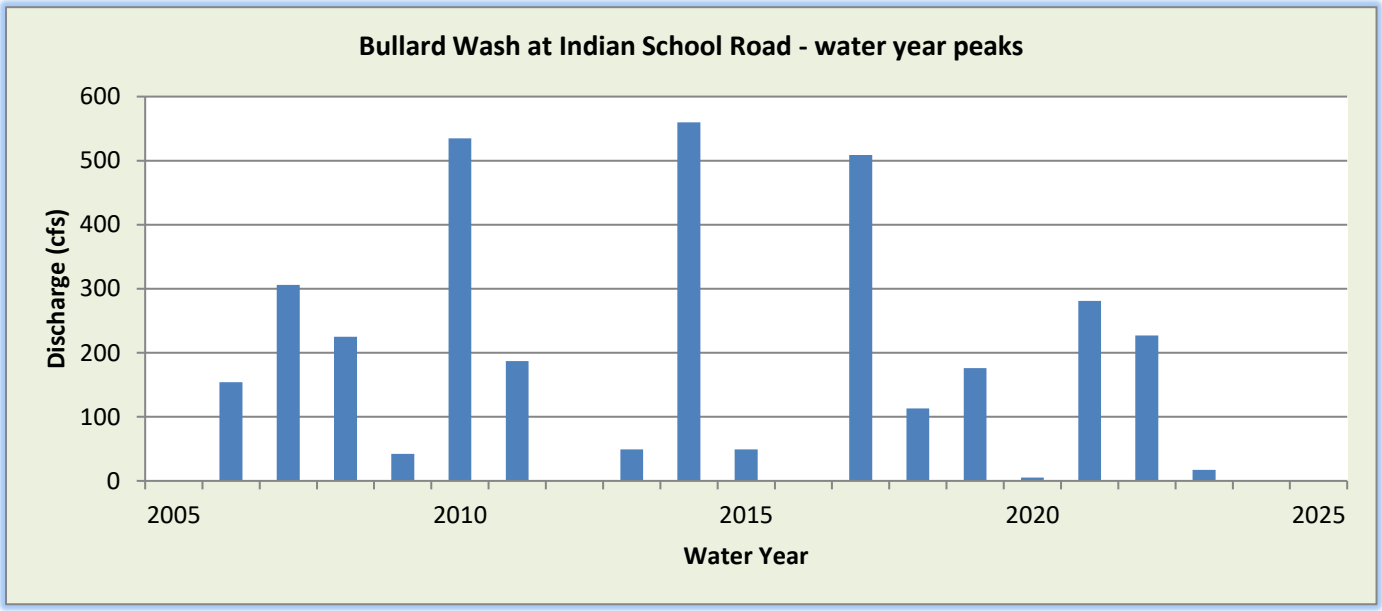


Site Data

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 B
SECTION/TOWNSHIP/RANGE	S29 T2N R1W
LATITUDE	N 33° 29’ 32.7” | +33.49242
LONGITUDE	W 112° 22’ 54.1” | -112.38168
ARIZONA STATE PLANE	E 558240 | N 907009
USGS QUAD SHEET	Perryville 7.5-Minute
STREAMGAGE INSTALLATION DATE	06/27/2006 – WY 2006
PERIOD OF AVAILABLE DATA RECORD	06/27/2006 – Current
LENGTH OF AVAILABLE DATA RECORD	17.26 Years | 6,305 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure transducer
STAGE GAGE ELEVATION	0.10 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,017.552 feet NAVD88
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	560 cfs | 2.68 feet | 09/27/2014

Location Map





WY2023 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
10/3	0.51	14
10/16	0.57	17

Hydrograph of peak WY 2023 flow event, 10/16/2022



Bullard Wash at Indian School Road, ID #6868

Discharge, in cfs-days, Water Year October 2022 to September 2023

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											8	
22											2	
23												
24												
25												
26										46		
27										7		
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	0	0	0	0	0	0	53	10	0
MEAN	0	0	0	0	0	0	0	0	0	2	0	0
MAX	0	0	0	0	0	0	0	0	0	227	17	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	105	19	0

WTR YR 2023 TOTAL 63 MEAN 0 MAX 227 MIN 0 AC_FT 124

Bullard Wash at Van Buren Street, ID #89207

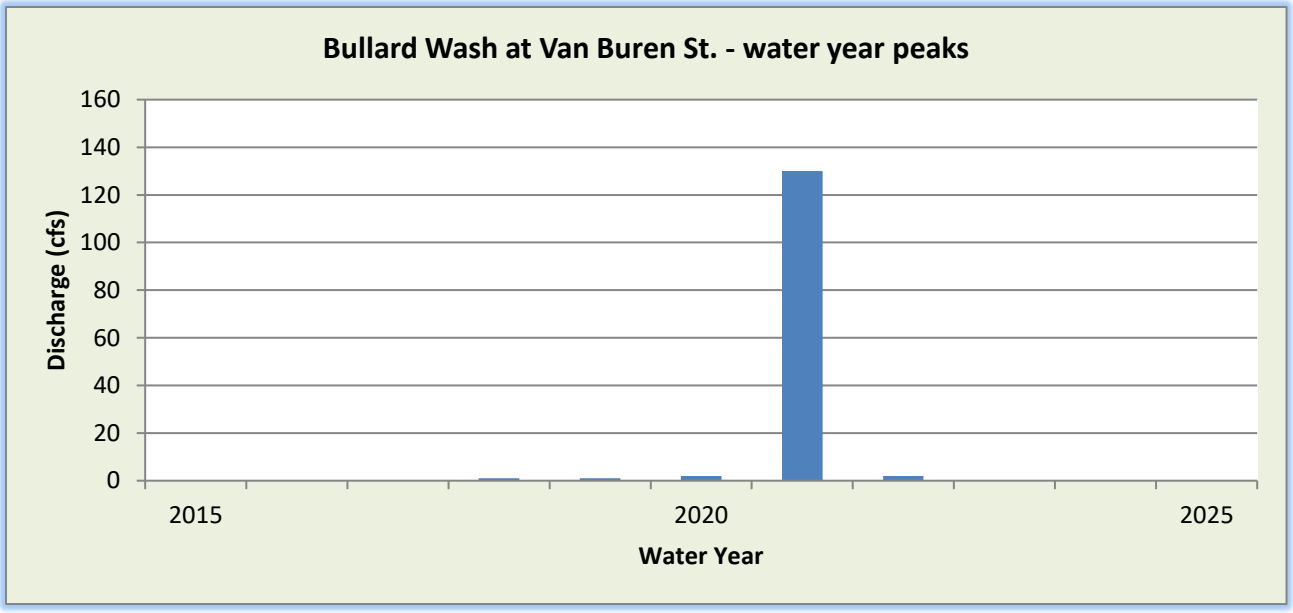


Site Data

LOCATION	Located at the northwest corner of Van Buren Street and the Bullard Wash
DRAINAGE AREA	88.3 mi^2
STREAM TYPE	Channelized Natural Wash
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
ARIZONA STATE PLANE	E 557835 | N 891610
USGS QUAD SHEET	Perryville 7.5-Minute
STREAMGAGE INSTALLATION DATE	12/13/2017 – WY 2018
PERIOD OF AVAILABLE DATA RECORD	12/13/2017 – Current
LENGTH OF AVAILABLE DATA RECORD	5.80 Years | 2,118 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.40 feet Gage Height
STAFF GAGES	None
CREST STAGE GAGES	None
ZERO GAGE HEIGHT ELEVATION	973.554 feet NAVD88
POINT OF ZERO FLOW	1.50 feet Gage Height
EXTREME FOR PERIOD OF RECORD	130 CFS | 2.73 feet GH | 08/14/2022

Location Map





WY2023 Events

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

Hydrograph of peak WY 2023 flow event

No runoff recorded during Water Year 2023.

Bullard Wash at Van Buren Street, ID #89207

Discharge, in cfs-days, Water Year October 2022 to September 2023

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 2023 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

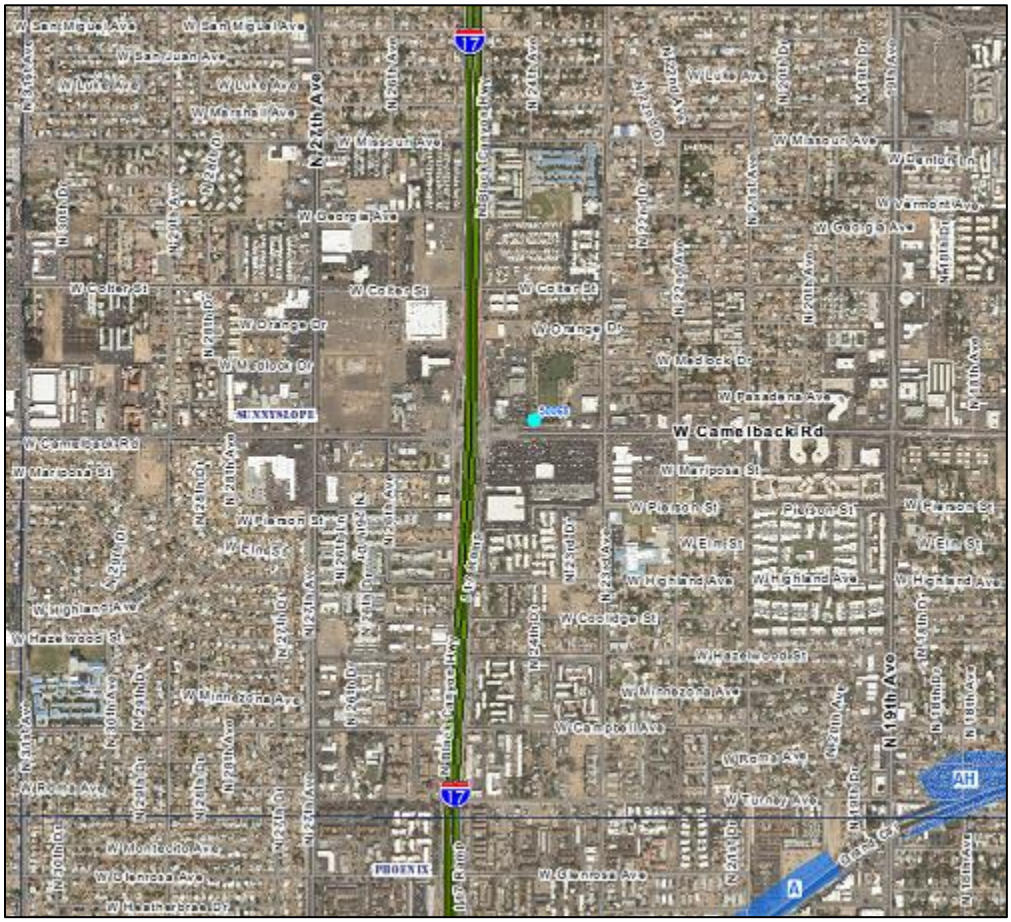
Camelback Road at 24th Avenue Basin, ID #6807

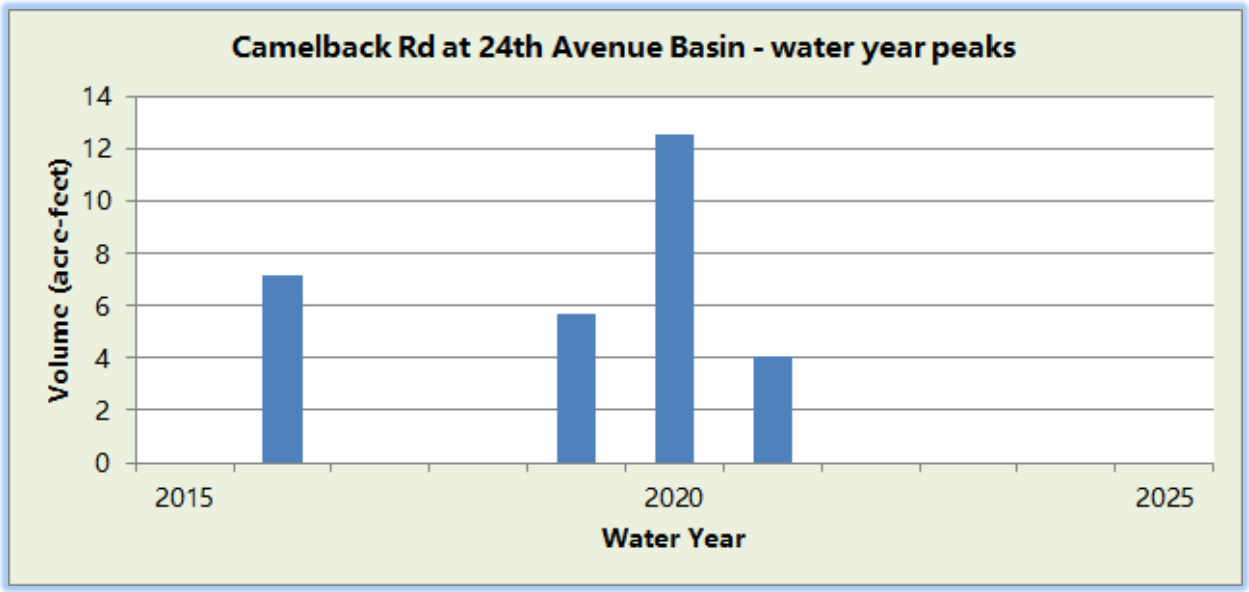


Site Data

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
ARIZONA STATE PLANE	E 640920 | N 913100
USGS QUAD SHEET	Sunnyslope 7.5-Minute
STREAMGAGE INSTALLATION DATE	10/01/2015 – WY 2016
PERIOD OF AVAILABLE DATA RECORD	10/01/2015 – Current
LENGTH OF AVAILABLE DATA RECORD	8.00 Years | 2,922 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.50 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,132.307 feet NAVD88
POINT OF ZERO FLOW	0.00 feet Gage Height
SPILLWAY CREST ELEVATION	No spillway
TOP OF BASIN ELEVATION	6.5 feet Gage Height

Location Map





WY2023 Events

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

Hydrograph of peak WY 2023 impoundment event,

No impoundment recorded during Water Year 2023.

Camelback Road at 24th Avenue Basin, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

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	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 2023 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

NOTE: There is no discharge rating for this site at this time.

Camelback Road at 24th Avenue Basin, volume data

Volume, in acre-feet, Water Year October 2022 to September 2023

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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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 2023 MEAN 0 MAX 0 MIN 0

Camelback Road at 24th Avenue Basin, stage data

Depth, in feet, Water Year October 2022 to September 2023

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 2023 MEAN 0.50 MAX 0.50 MIN 0.50

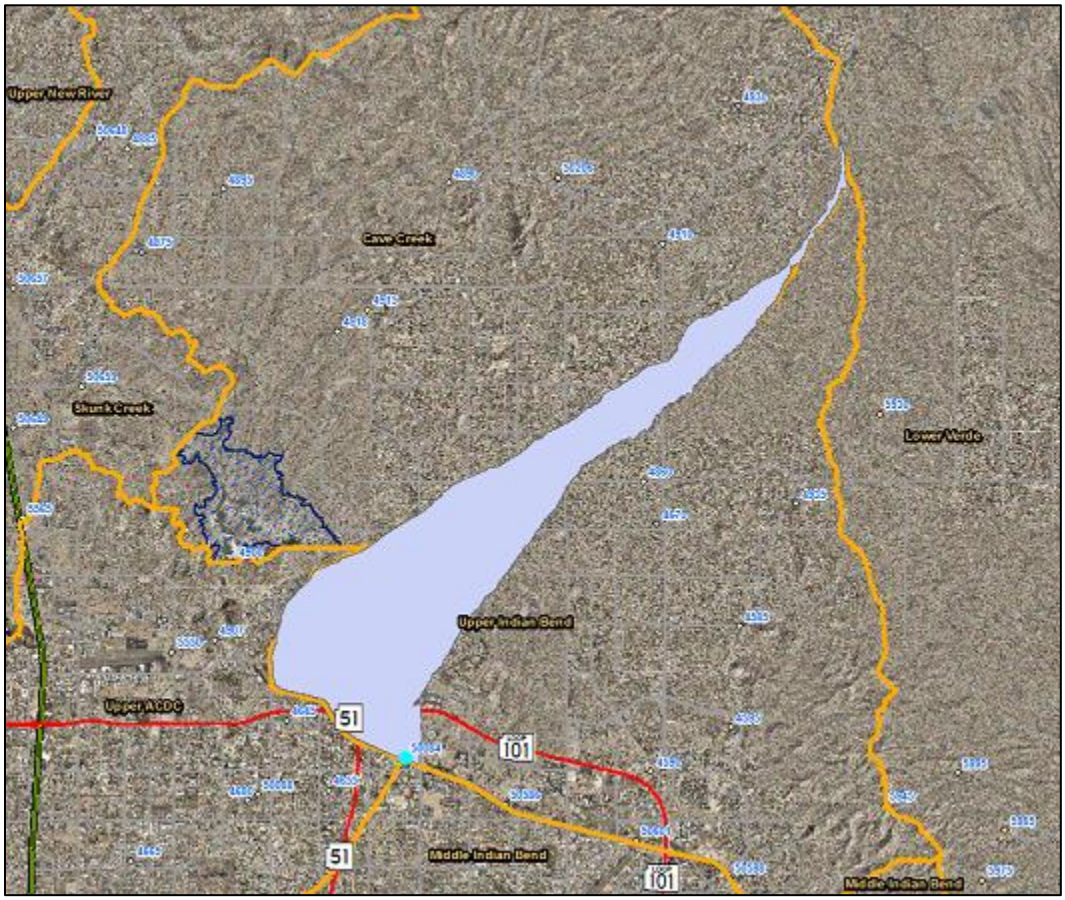
CAP Reach #11 Dike #1, ID #8407

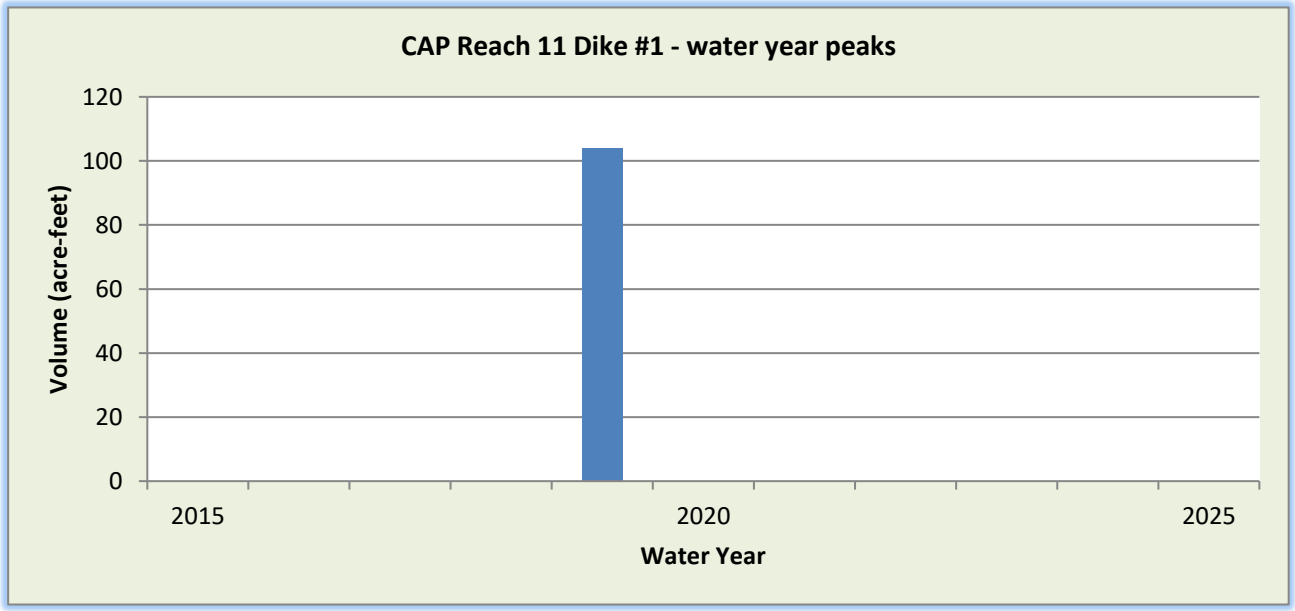


Site Data

LOCATION	Located west of Tatum Blvd. and south of the SR101L freeway
DRAINAGE AREA	23.2 mi^2
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
ARIZONA STATE PLANE	E 679850 | N 967270
USGS QUAD SHEET	Currys Corner 7.5-Minute
STREAMGAGE INSTALLATION DATE	07/19/2016 – WY 2016
PERIOD OF AVAILABLE DATA RECORD	07/19/2016 – Current
LENGTH OF AVAILABLE DATA RECORD	7.20 Years | 2,630 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.00 feet Gage Height
STAFF GAGES	1
CREST STAGE GAGES	0
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	29.0 feet Gage Height

Watershed Map





WY2023 Events

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

NOTE: Percent full is based on 100-year level, as there is no spillway at this location.

Hydrograph of peak WY 2023 impoundment event

No impoundment recorded during Water Year 2023.

CAP Reach 11 Dike #1, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
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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 2023 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 2022 to September 2023

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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29					---							
30					---							
31		---			---		---		---			---
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	0	0	0	0	31	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 2023 MEAN 0 MAX 31 MIN 0

CAP Reach 11 Dike #1, stage data

Depth, in feet, Water Year October 2022 to September 2023

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
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	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

WTR YR 2023 MEAN 0.00 MAX 0.25 MIN 0.00

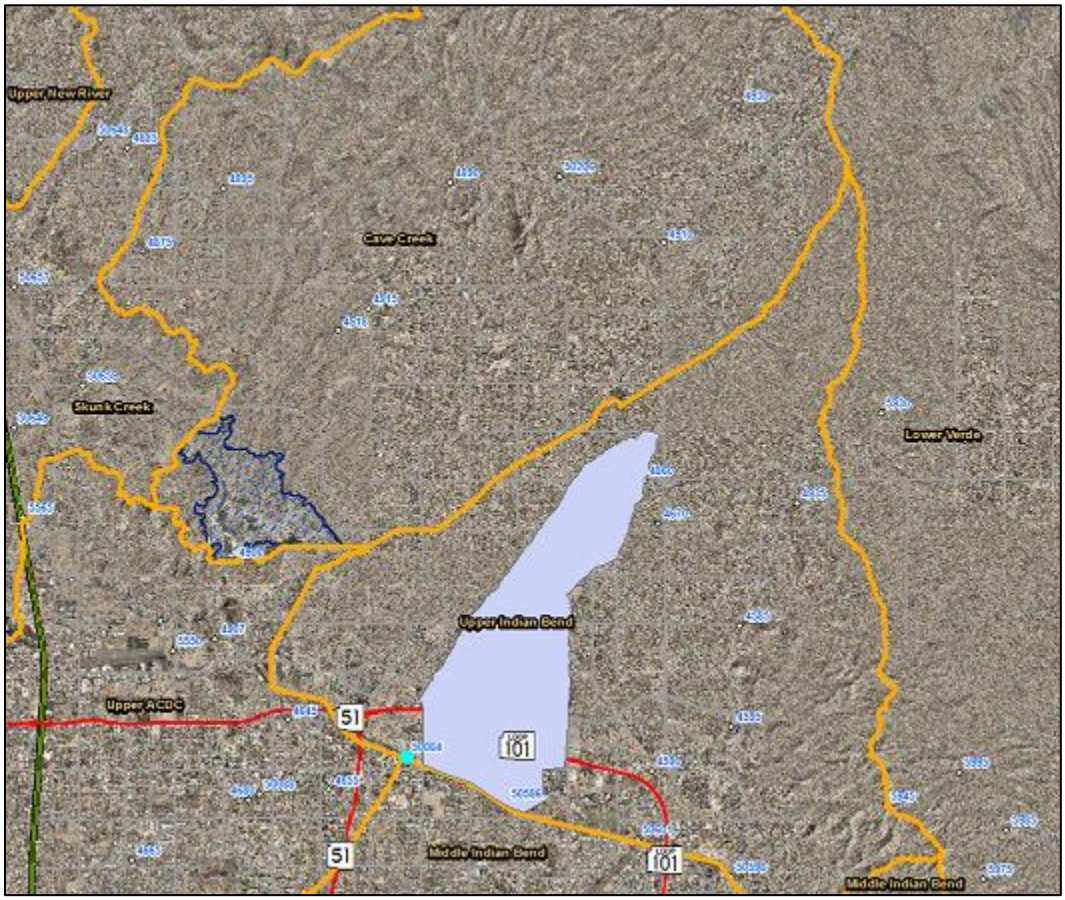
CAP Reach #11, Dike #2, ID #58607

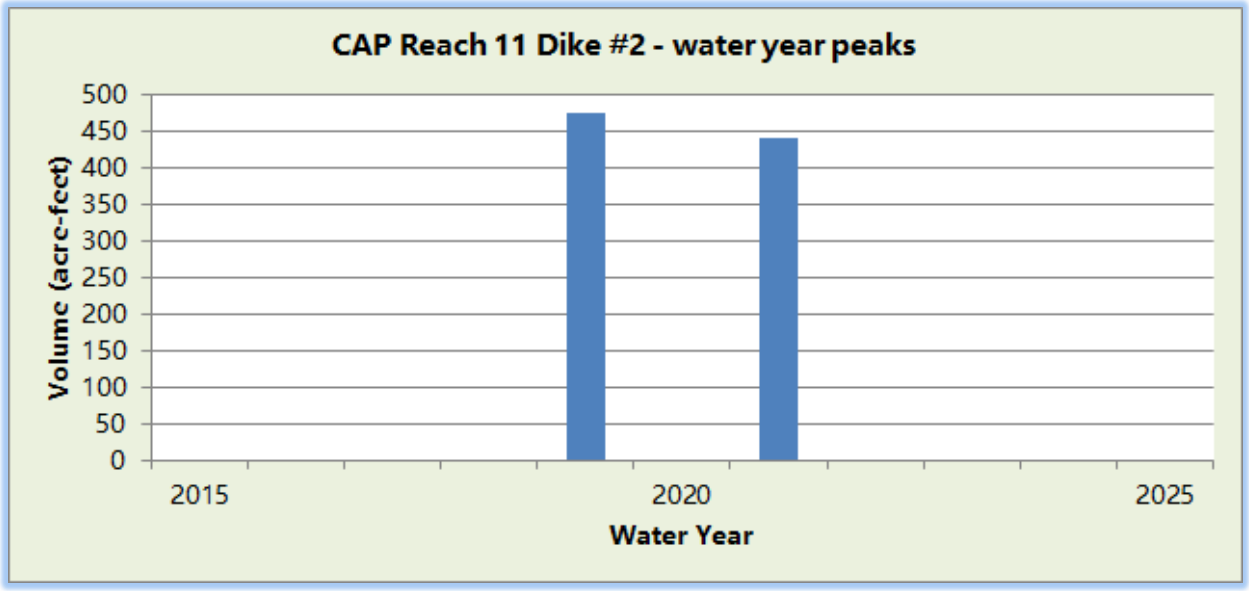


Site Data

LOCATION	**Located south of the SR101L freeway west of the 64th Street alignment**
DRAINAGE AREA	**15.7 mi^2**
STREAM TYPE	**Flood control dike**
JURISDICTION	**Phoenix, Arizona**
WATERSHED	**Upper Indian Bend**
SECTION/TOWNSHIP/RANGE	**S33 T4N R4E**
LATITUDE	**N 33° 38’ 41.8 | +33.64495**
LONGITUDE	**W 111° 56’ 49.7” | -111.94713**
ARIZONA STATE PLANE	**E 690730 | N 962200**
USGS QUAD SHEET	**Currys Corner 7.5-Minute**
STREAMGAGE INSTALLATION DATE	**07/19/2016 – WY 2016**
PERIOD OF AVAILABLE DATA RECORD	**07/19/2016 – Current**
LENGTH OF AVAILABLE DATA RECORD	**7.20 Years | 2,630 Days**
GAPS IN RECORD	**None**
STAGE GAGE TYPE	**Pressure Transducer**
STAGE GAGE ELEVATION	**0.00 feet Gage Height**
STAFF GAGES	**1**
CREST STAGE GAGES	**0**
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





WY2023 Events

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

NOTE: Percent full is based on 100-year level, as there is no spillway at this location.

Hydrograph of peak WY 2023 impoundment event

No impoundment recorded during Water Year 2023.

CAP Reach 11 Dike #2, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
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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	5	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 2023 TOTAL 0 MEAN 0 MAX 5 MIN 0 AC_FT 0

CAP Reach 11 Dike #2, volume data

Volume, in acre-feet, Water Year October 2022 to September 2023

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								3				
12												
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25					---							
26												
27												
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29					---							
30					---							
31		---			---		---		---			---
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	0	0	0	0	467	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 2023 MEAN 0 MAX 467 MIN 0

CAP Reach 11 Dike #2, stage data

Depth, in feet, Water Year October 2022 to September 2023

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
25	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.7	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 2023 MEAN 0.00 MAX 0.66 MIN 0.00

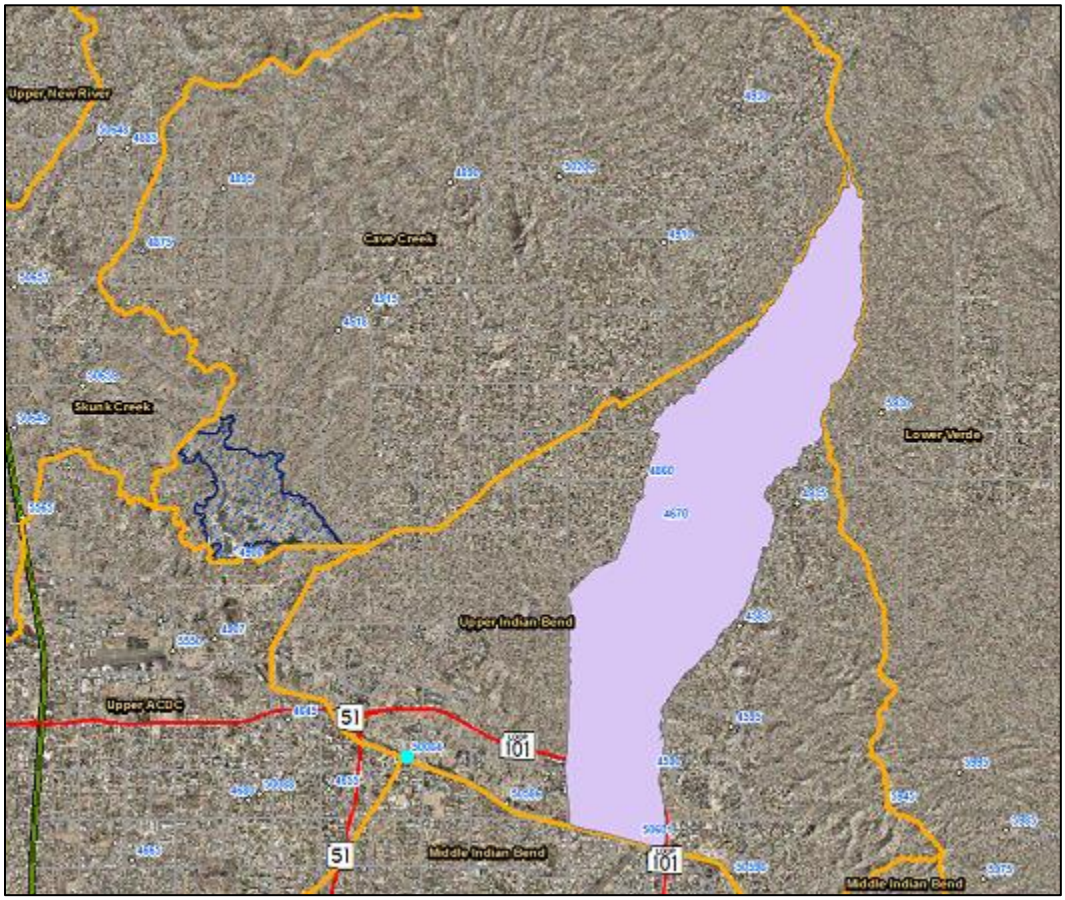
CAP Reach #11, Dike #3, ID #60107

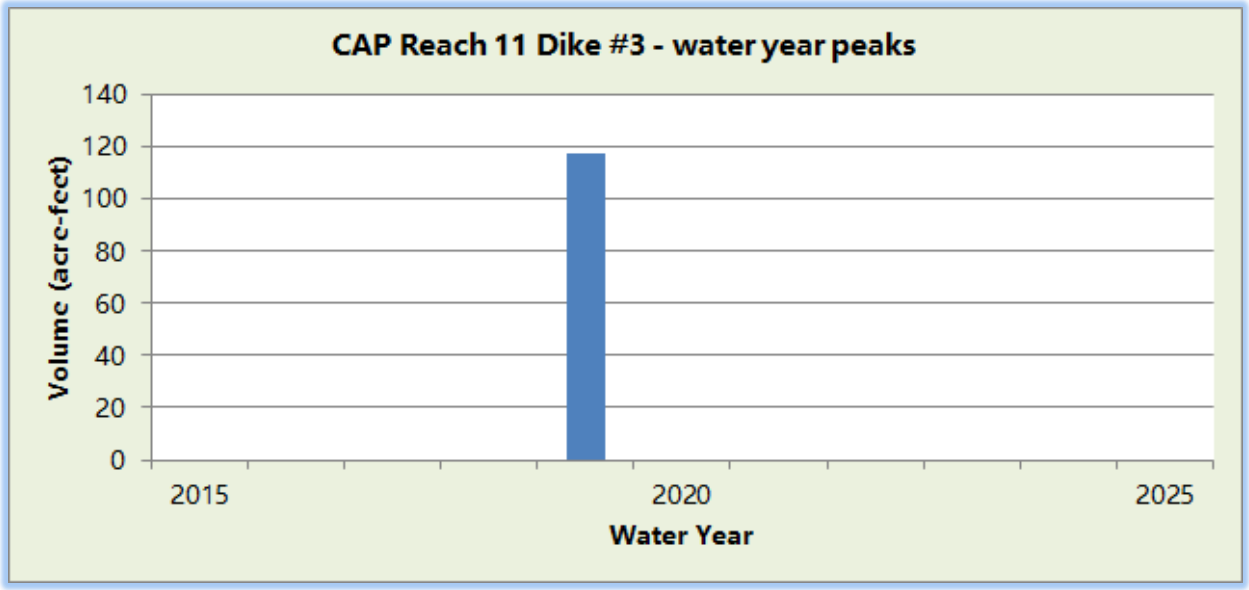


Site Data

LOCATION	Located on the CAP dike between Hayden and Pima Roads
DRAINAGE AREA	31.7 mi^2
STREAM TYPE	Flood control dike
JURISDICTION	Scottsdale, Arizona
WATERSHED	Upper Indian Bend
SECTION/TOWNSHIP/RANGE	S01 T3N R4E
LATITUDE	N 33° 38’ 03.0 | +33.63416
LONGITUDE	W 111° 54’ 03.0” | -111.90081
ARIZONA STATE PLANE	E 704820 | N 958260
USGS QUAD SHEET	Currys Corner 7.5-Minute
STREAMGAGE INSTALLATION DATE	07/19/2016 – WY 2016
PERIOD OF AVAILABLE DATA RECORD	07/19/2016 – Current
LENGTH OF AVAILABLE DATA RECORD	7.20 Years | 2,630 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.00 feet Gage Height
STAFF GAGES	1
CREST STAGE GAGES	0
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





WY2023 Events

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

NOTE: Percent full is based on 100-year level, as there is no spillway at this location.

Hydrograph of peak 2023 impoundment event,

No impoundments recorded in Water Year 2023.

CAP Reach 11 Dike #3, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

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 2023 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 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10	---											
11								1				
12												
13						---						
14												
15												
16	---											
17												
18												
19												
20												
21												
22												
23												
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	140	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 2023 MEAN 0 MAX 140 MIN 0

CAP Reach 11 Dike #3, stage data

Depth, in feet, Water Year October 2022 to September 2023

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
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
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	0.0	0.0	0.0	0.0	0.0	0.6	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 2023 MEAN 0.00 MAX 0.59 MIN 0.00

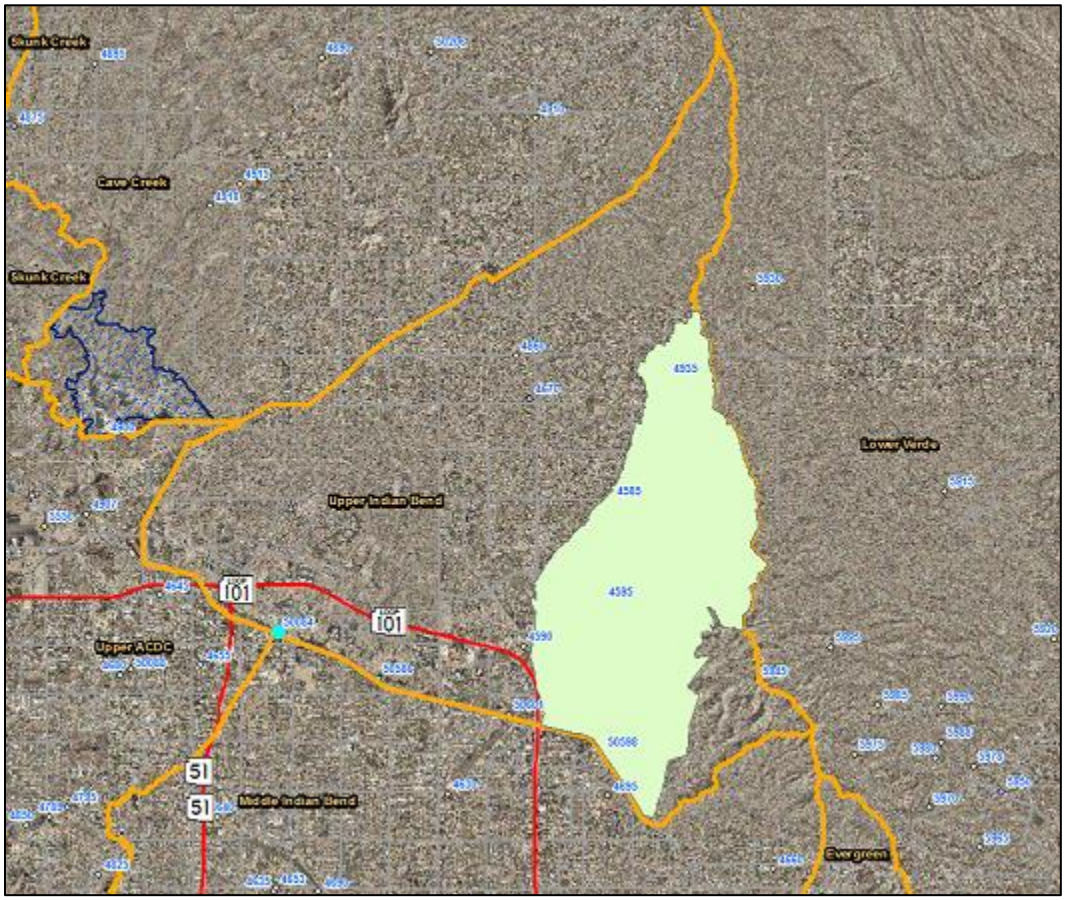
CAP Reach #11, Dike #4, ID #59807

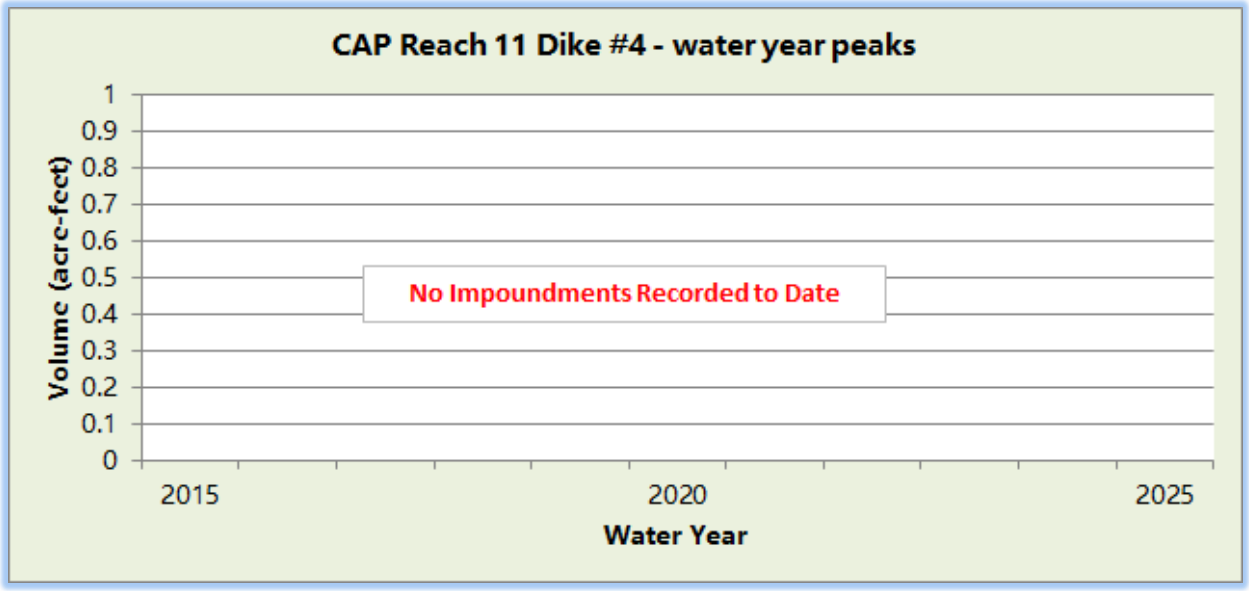


Site Data

LOCATION	Located near the CAP crossing at Thompson Peak Pkwy.
DRAINAGE AREA	26.3 mi^2
STREAM TYPE	Flood control dike
JURISDICTION	Scottsdale, Arizona
WATERSHED	Upper Indian Bend
SECTION/TOWNSHIP/RANGE	S08 T3N R5E
LATITUDE	N 33° 37’ 23.1 | +33.62307
LONGITUDE	W 111° 52’ 02.0” | -111.86722
ARIZONA STATE PLANE	E 715050 | N 954230
USGS QUAD SHEET	Sawik Mountain 7.5-Minute
STREAMGAGE INSTALLATION DATE	07/19/2016 – WY 2016
PERIOD OF AVAILABLE DATA RECORD	07/19/2016 – Current
LENGTH OF AVAILABLE DATA RECORD	7.20 Years | 2,630 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.00 feet Gage Height
STAFF GAGES	1
CREST STAGE GAGES	0
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





WY2023 Events

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

NOTE: Percent full is based on 100-year level, as there is no spillway at this location.

Hydrograph of peak 2023 impoundment event

No impoundments were recorded during Water Year 2023.

CAP Reach 11 Dike #4, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

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 2023 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 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11								1				
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
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	228	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 2023 MEAN 0 MAX 228 MIN 0

CAP Reach 11 Dike #4, stage data

Depth, in feet, Water Year October 2022 to September 2023

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	0.0	0.0	0.0	0.0	0.0	0.0	0.6	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 2023 MEAN 0.00 MAX 0.61 MIN 0.00

Casandro Wash, ID #52007

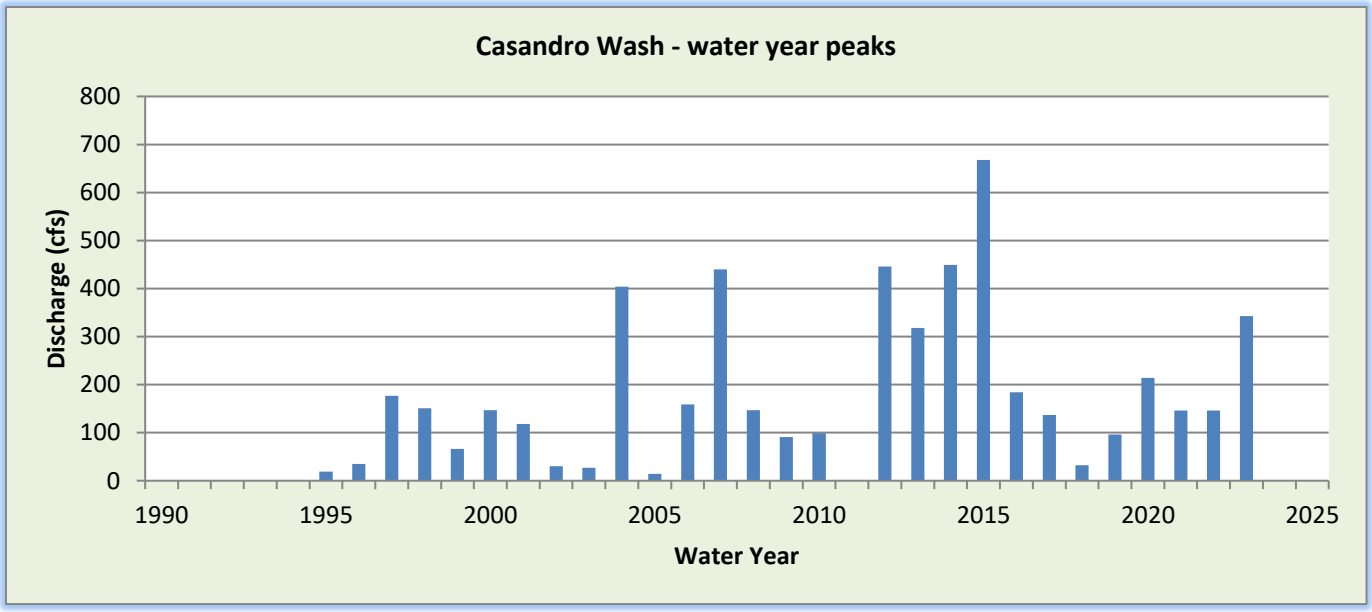


Site Data

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
ARIZONA STATE PLANE	E 442700 | N 1078641
USGS QUAD SHEET	Vulture Peak 7.5-Minute
STREAMGAGE INSTALLATION DATE	07/12/1994 – WY 1994
PERIOD OF AVAILABLE DATA RECORD	07/12/1994 – Current
LENGTH OF AVAILABLE DATA RECORD	29.22 Years | 10,673 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.73 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	2,241.736 feet NAVD88
POINT OF ZERO FLOW	1.24 feet Gage Height
EXTREME FOR PERIOD OF RECORD	667 cfs | 8.00 feet | 07/18/2015

Watershed Map

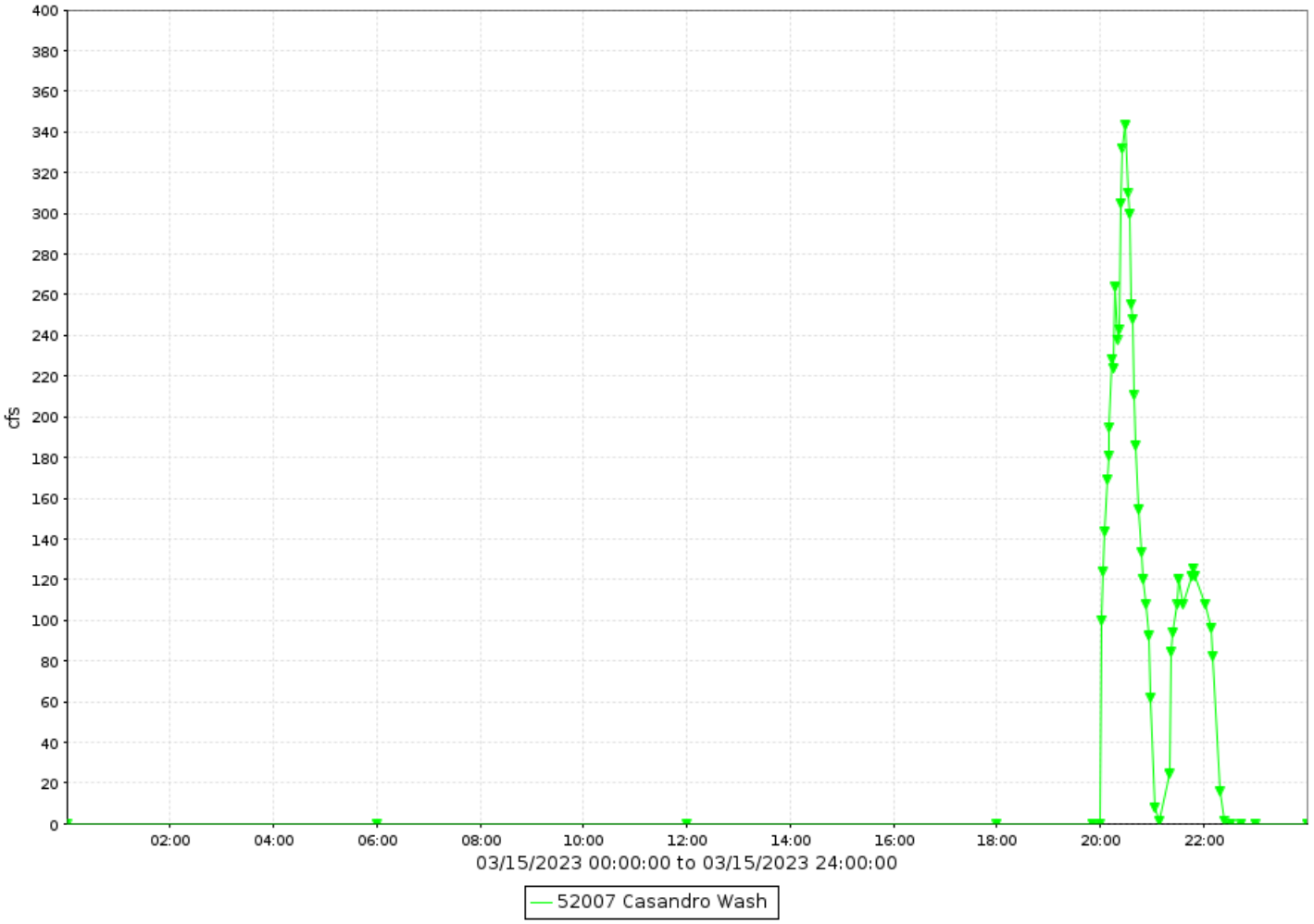




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
1/1	1.75	6
3/15	4.76	343
9/1	1.90	48

Hydrograph of peak WY 2023 flow event, 03/15/2023



Casandro Wash, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

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						13						
16												
17												
18												
19												
20								---				
21								---				
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	0	0	13	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	6	0	343	0	2	0	0	0	48
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	25	0	0	0	0	0	1

WTR YR 2023 TOTAL 13 MEAN 0 MAX 343 MIN 0 AC_FT 26

Casandro Dam, ID #53007

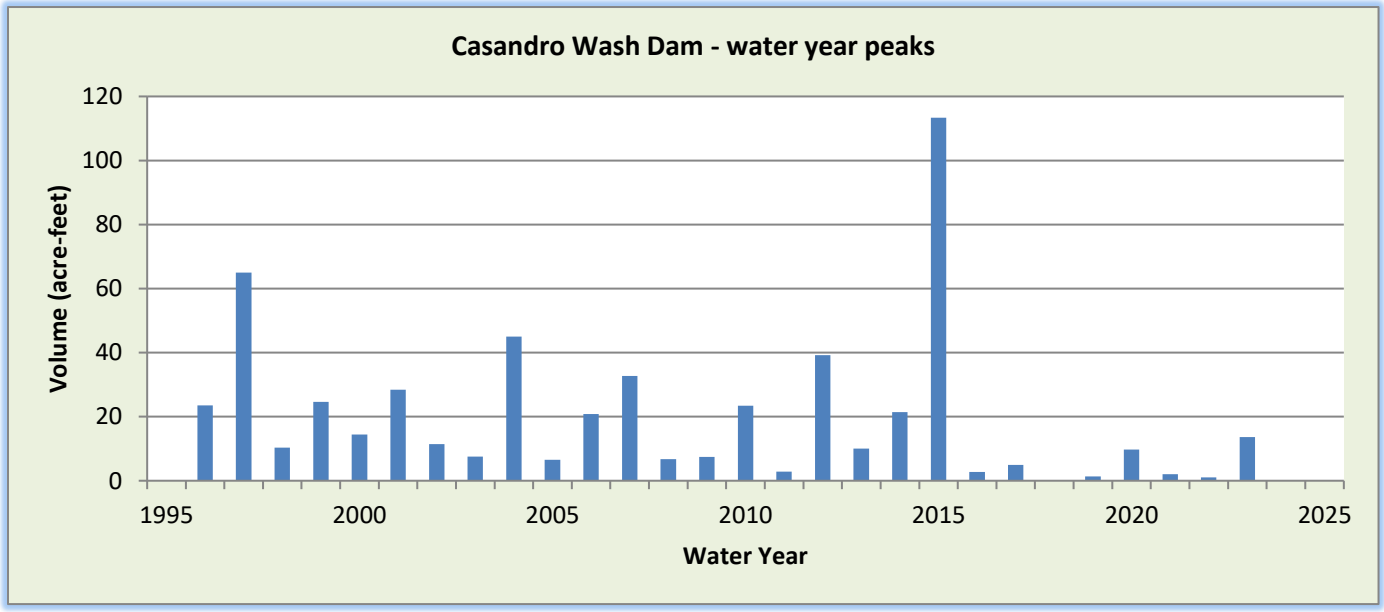


Site Data

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
ARIZONA STATE PLANE	E 447787 | N 1080564
USGS QUAD SHEET	Wickenburg 7.5-Minute
STREAMGAGE INSTALLATION DATE	08/15/1996 – WY 1996
PERIOD OF AVAILABLE DATA RECORD	08/15/1996 – Current
LENGTH OF AVAILABLE DATA RECORD	27.13 Years | 9,908 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.19 feet Gage Height
STAFF GAGES	5
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	2,136.66 feet NAVD88
POINT OF ZERO FLOW	0.25 feet Gage Height
SPILLWAY ELEVATION	20.34 feet Gage Height
TOP OF DAM ELEVATION	28.75 feet Gage Height

Watershed Map

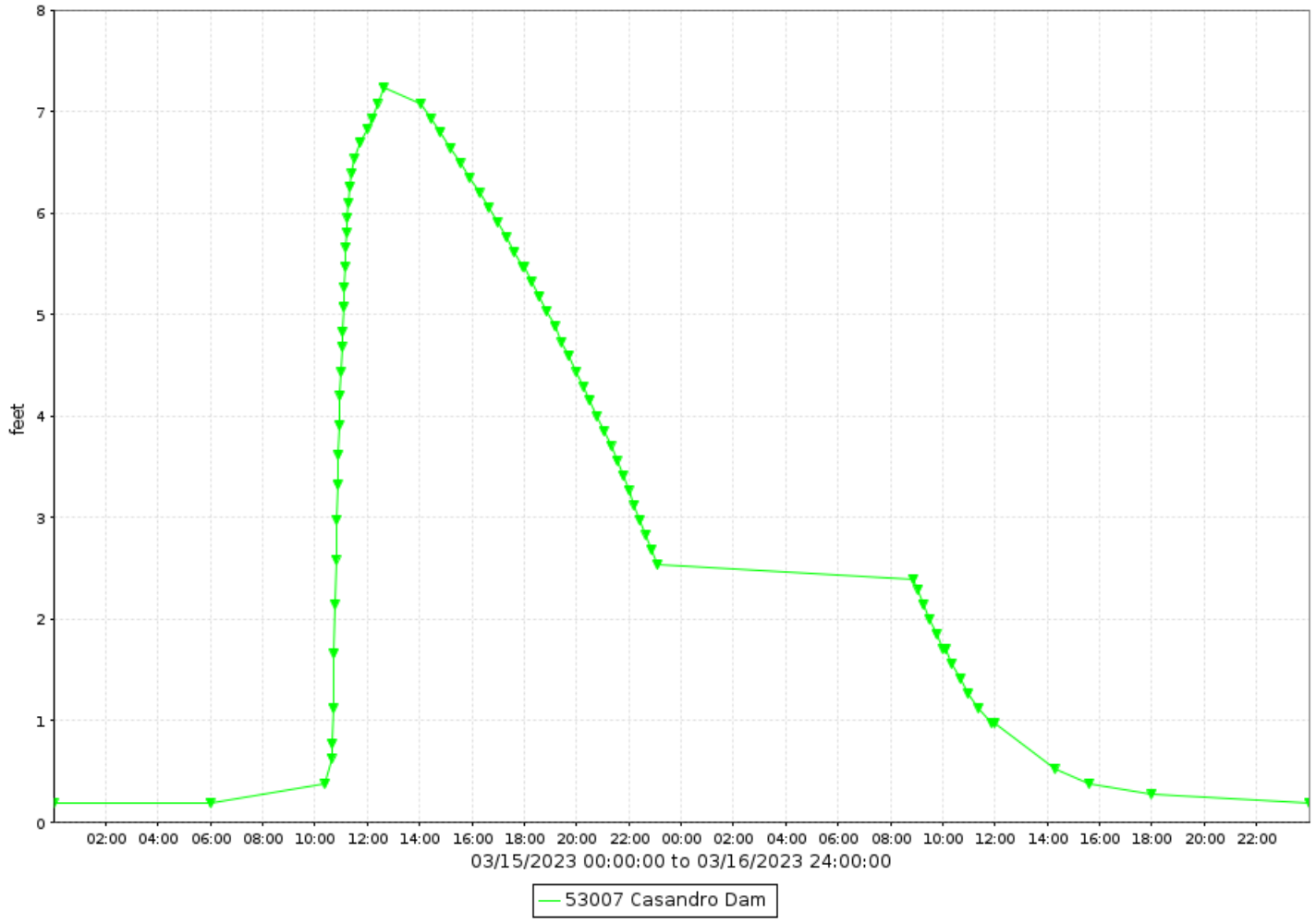




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
3/15	7.23	13.6	11.3

Hydrograph of peak 2023 impoundment event, 03/15/2023



Casandro Dam, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

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						4						
17												
18												
19												
20								---				
21								---				
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	0	0	11	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	17	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	23	0	0	0	0	0	0

WTR YR 2023 TOTAL 11 MEAN 0 MAX 17 MIN 0 AC_FT 23

Casandro Dam, volume data

Volume, in acre-feet, Water Year October 2022 to September 2023

Daily Mean Values

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

WTR YR 2023 MEAN 0 MAX 14 MIN 0

Casandro Dam, stage data

Depth, in feet, Water Year October 2022 to September 2023

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	3.0	0.2	0.2	0.2	0.2	0.2	0.2
16	0.2	0.2	0.2	0.2	0.2	1.4	0.2	0.2	0.2	0.2	0.2	0.2
17	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
18	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
19	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
20	0.2	0.2	0.2	0.2	0.2	0.2	0.2	---	0.2	0.2	0.2	0.2
21	0.2	0.2	0.2	0.2	0.2	0.2	0.2	---	0.2	0.2	0.2	0.2
22	0.2	0.2	0.2	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	0.3	0.2	0.2	0.2	0.2	0.2	0.2
MAX	0.2	0.2	0.2	0.4	0.2	7.2	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 2023 MEAN 0.20 MAX 7.23 MIN 0.19

Cave Buttes Dam Pool, ID #19517

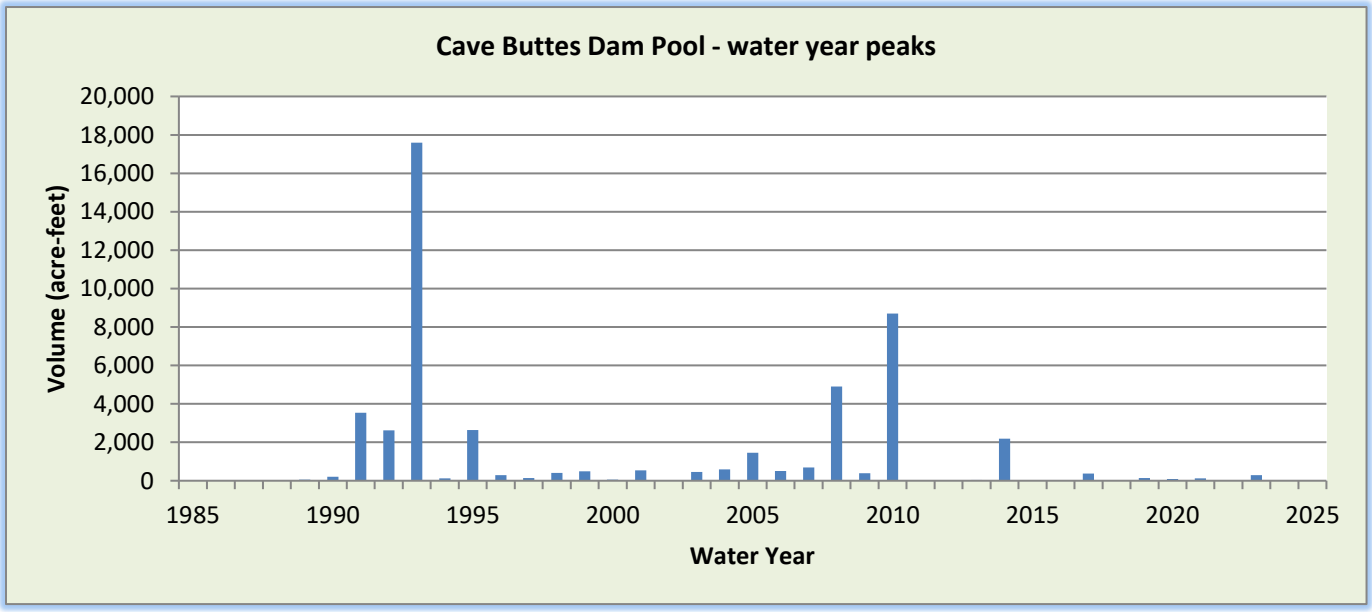


Site Data

LOCATION	Located about 1 mile west of Cave Creek Road and ½ mile south of Jomax Road
DRAINAGE AREA	195.7 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
ARIZONA STATE PLANE	E 661140 | N 988432
USGS QUAD SHEET	Union Hills 7.5-Minute
STREAMGAGE INSTALLATION DATE	01/25/1984 – WY 1984
PERIOD OF AVAILABLE DATA RECORD	10/01/1987 – Current
LENGTH OF AVAILABLE DATA RECORD	36.00 Years | 13,149 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Non-submersible Transducer
STAGE GAGE ELEVATION	1.95 feet Gage Height
STAFF GAGES	24
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,562.30 feet NAVD88
POINT OF ZERO FLOW (PRINCIPAL OUTLET)	0.00 feet Gage Height
POINT OF ZERO FLOW (AUXILIARY OUTLET, GATED)	37.82 feet Gage Height
SPILLWAY ELEVATION	97.1 feet Gage Height
TOP OF DAM ELEVATION	119.1 feet Gage Height

Watershed Map

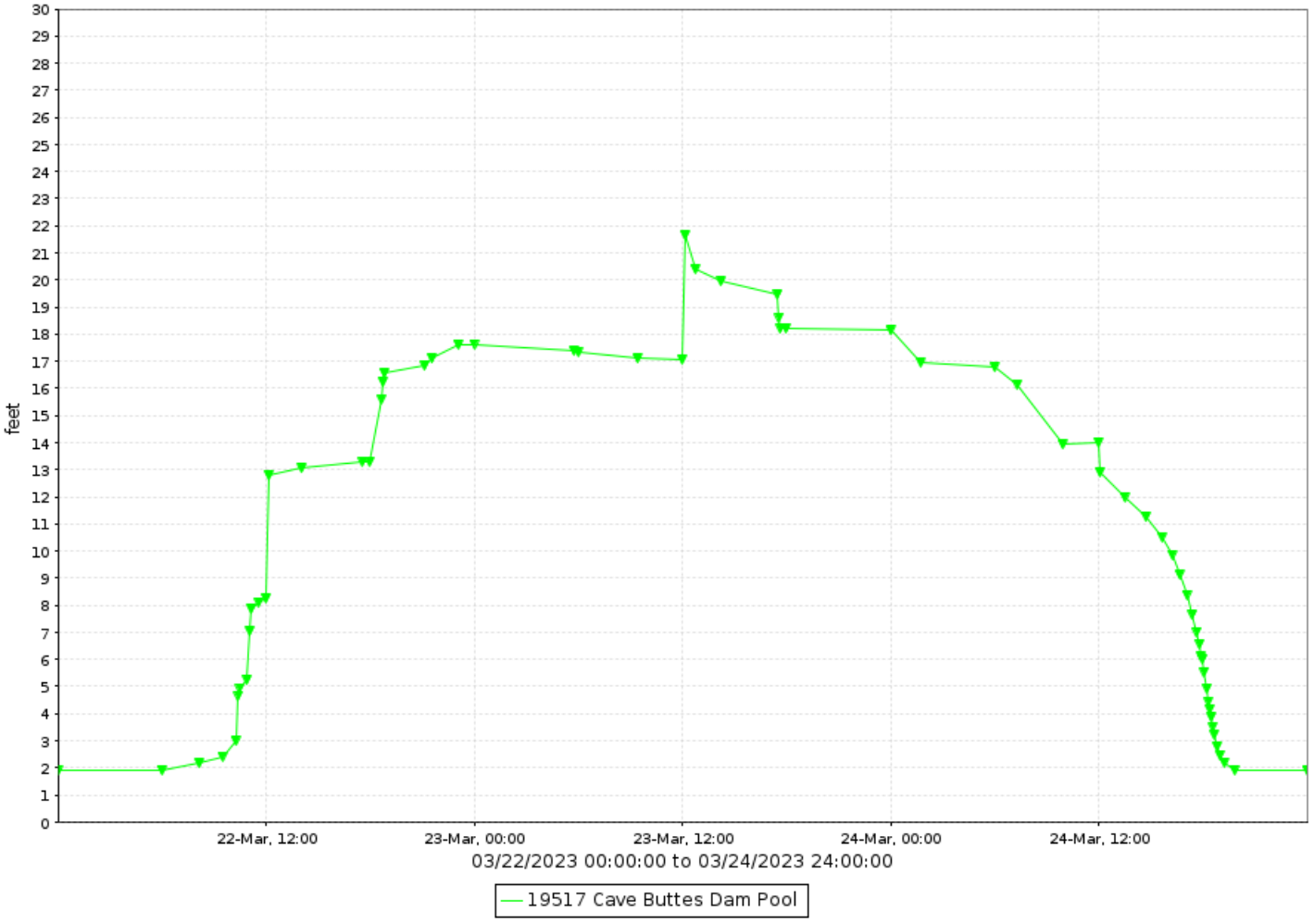




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
1/16	2.42	0.0	0.0
3/23	17.63	297.2	1.2
9/1	5.09	1.3	0.0

Hydrograph of peak 2023 impoundment event, 03/23/2023



Cave Buttes Dam Pool, volume data

Volume, in acre-feet, Water Year October 2022 to September 2023

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						80						
23						339						
24						128						
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
MEAN	0	0	0	0	0	18	0	0	0	0	0	0
MAX	0	0	0	0	0	564	0	0	0	0	0	1
MIN	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 2023 MEAN 1 MAX 564 MIN 0

Cave Buttes Dam Pool, stage data

Depth, in feet, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.9
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	2.2	1.9	1.9	1.9	1.9	1.9	1.9
4	1.9	1.9	1.9	1.9	1.9	2.0	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	2.0	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
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	8.6	1.9	1.9	1.9	1.9	1.9	1.9
23	1.9	1.9	1.9	1.9	1.9	18.3	1.9	1.9	1.9	1.9	1.9	1.9
24	1.9	1.9	1.9	1.9	1.9	11.5	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	3.0	1.9	1.9	1.9	1.9	1.9	1.9
MAX	1.9	1.9	1.9	2.4	1.9	21.6	1.9	1.9	1.9	1.9	1.9	5.1
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 2023 MEAN 1.99 MAX 21.63 MIN 1.90

Cave Buttes Dam Outlet, ID #19507

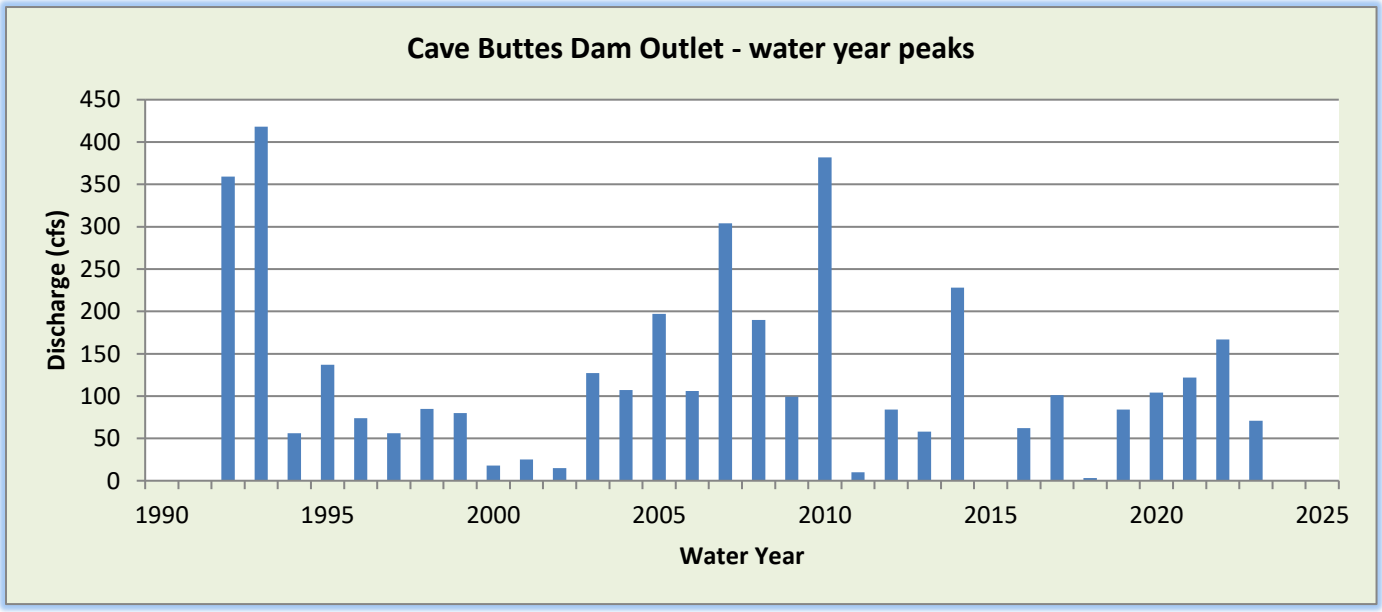


Site Data

LOCATION	Located about 1 mile west of Cave Creek Road and ½ mile south of Jomax Road
DRAINAGE AREA	195.7 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
ARIZONA STATE PLANE	E 661140 | N 988432
USGS QUAD SHEET	Union Hills 7.5-Minute
STREAMGAGE INSTALLATION DATE	01/25/1984 – WY 1984
PERIOD OF AVAILABLE DATA RECORD	07/30/1992 – Current
LENGTH OF AVAILABLE DATA RECORD	31.17 Years | 11,385 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Non-Submersible Transducer
STAGE GAGE ELEVATION	0.83 feet Gage Height
STAFF GAGES	1
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,558.10 feet NAVD88
POINT OF ZERO FLOW	0.00 feet Gage Height
EXTREME FOR PERIOD OF RECORD	522 cfs | 6.43 feet | 08/24/1992

Watershed Map

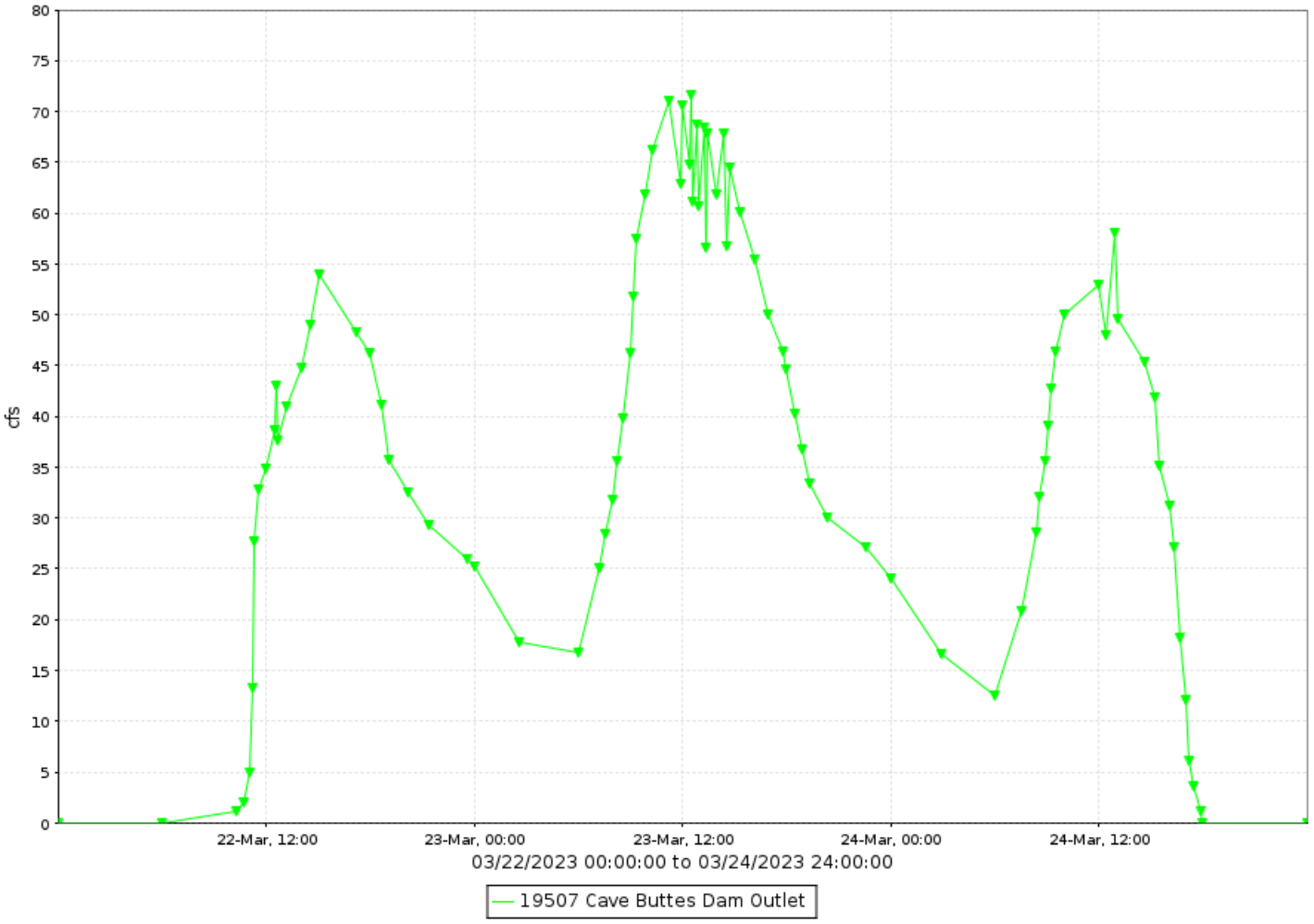




WY2023 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
3/23	2.91	71
9/1	2.12	40

Hydrograph of peak WY 2023 flow event, 03/23/2023



Cave Buttes Dam Outlet, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												8
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20						---						
21												
22						21						
23						40						
24						23						
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	2	0	0	0	0	83	0	0	0	0	0	8
MEAN	0	0	0	0	0	3	0	0	0	0	0	0
MAX	2	0	0	0	0	72	0	0	0	0	0	40
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	5	0	0	0	0	165	0	0	0	0	0	17

WTR YR 2023 TOTAL 94 MEAN 0 MAX 72 MIN 0 AC_FT 186

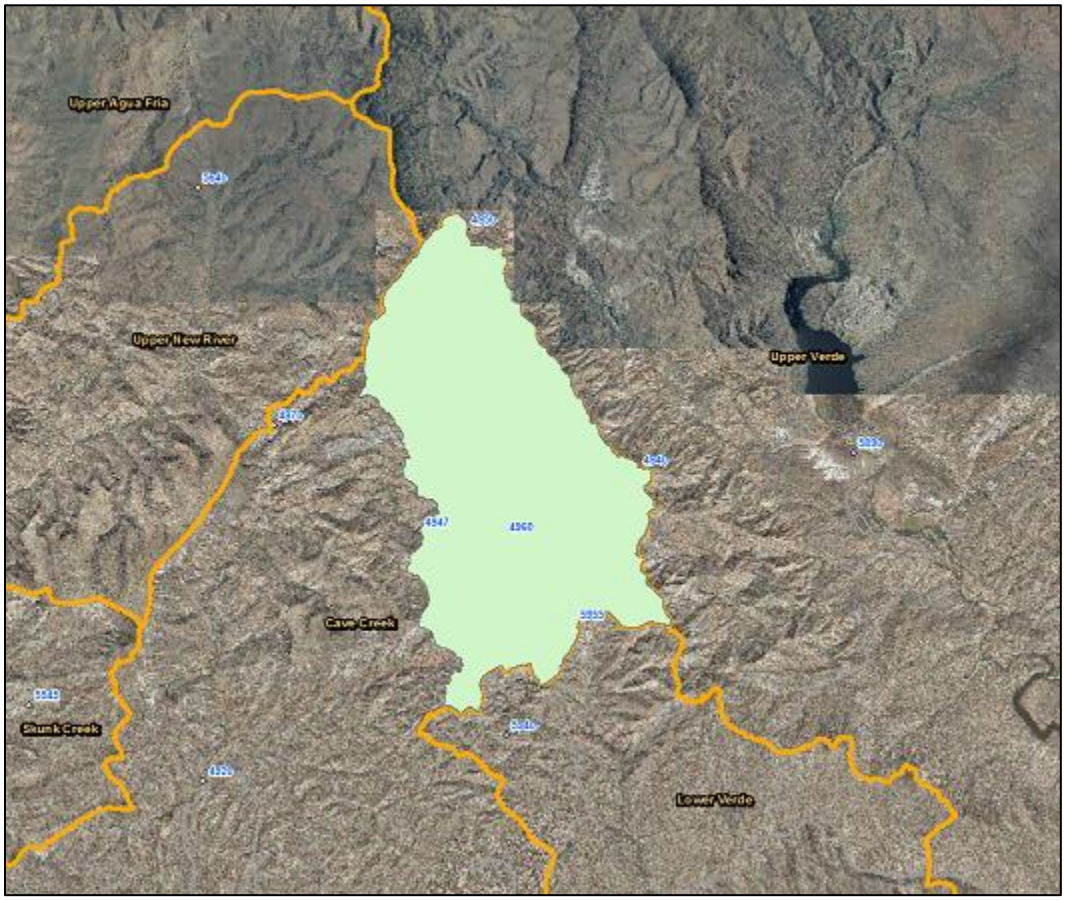
Cave Creek at Ashdale Ranger Station, ID #21307

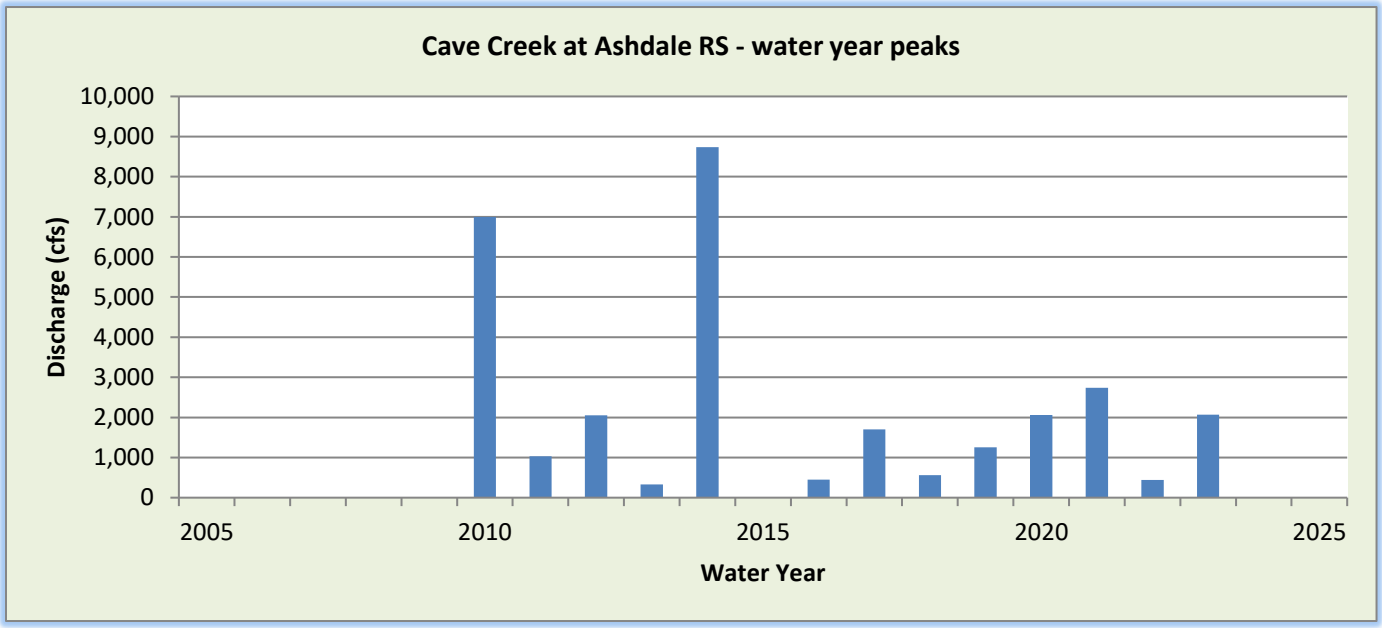


Site Data

LOCATION	About 1 mile west of the Seven Springs Campgrounds
DRAINAGE AREA	34.4 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
ARIZONA STATE PLANE	E 712291 | N 1077653
USGS QUAD SHEET	New River Mesa 7.5-Minute
STREAMGAGE INSTALLATION DATE	02/25/2009 – WY 2009
PERIOD OF AVAILABLE DATA RECORD	02/25/2009 – Present
LENGTH OF AVAILABLE DATA RECORD	14.60 Years | 5,331 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Transducer
STAGE GAGE ELEVATION	1.24 feet Gage Height
STAFF GAGES	None
CREST STAGE GAGES	One
ZERO GAGE HEIGHT ELEVATION	3,256.778 feet NAVD88
POINT OF ZERO FLOW	0.0 feet Gage Height (February 2018)
EXTREME FOR PERIOD OF RECORD	8,735 cfs | 11.24 feet | 08/19/2014

Watershed Map

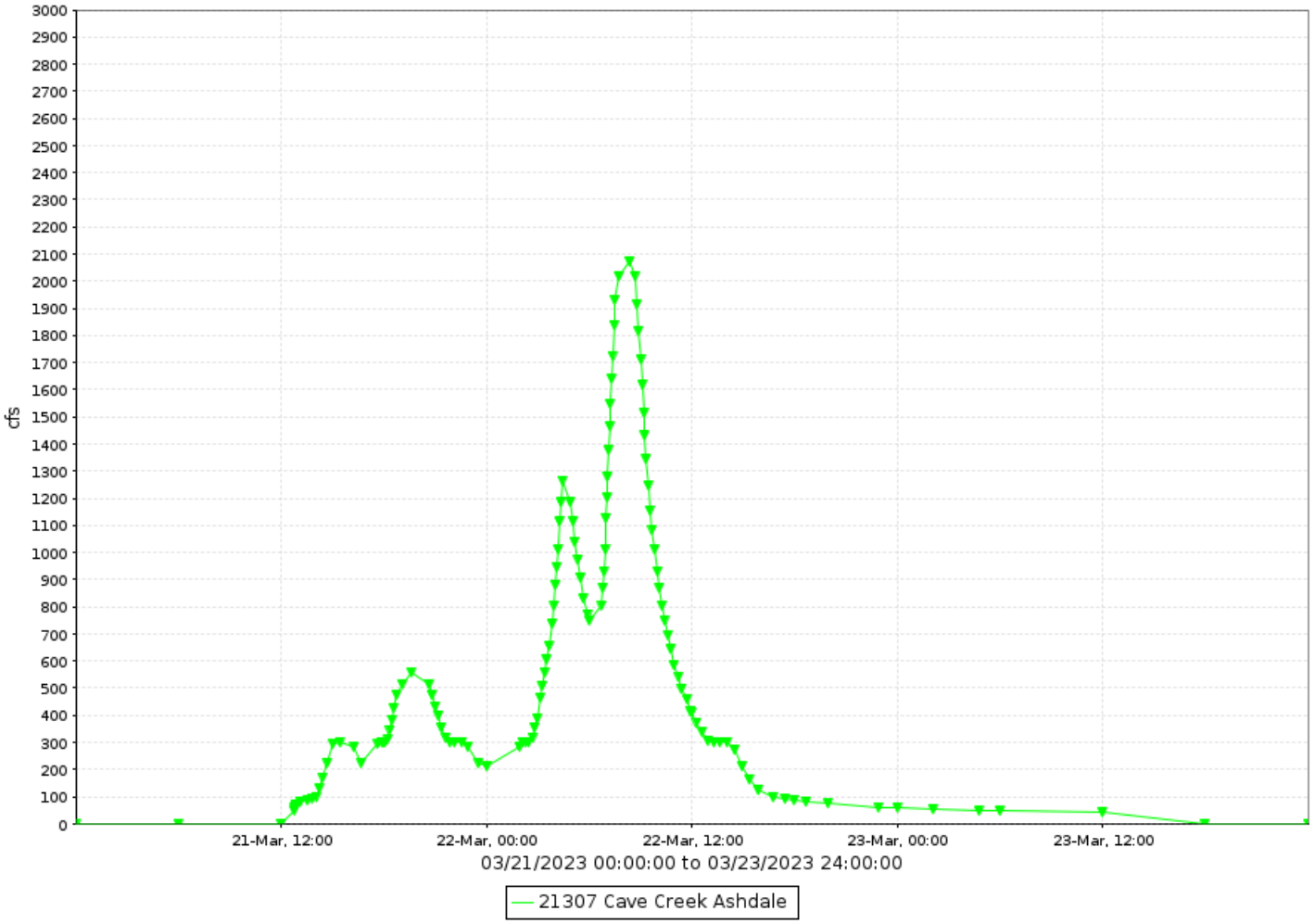




WY2023 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
1/1	1.89	72
1/17	4.26	585
3/1	2.77	223
3/16	2.69	189
3/22	6.80	2072
9/1	1.54	54

Hydrograph of peak WY 2023 flow event, 03/22/2023



Cave Creek at Ashdale RS, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				29		20						11
2				27		79						
3						61						
4						47						
5												
6												
7												
8												
9												
10												
11				36								
12				43								
13				42								
14				31								
15				41		1						
16				23		66						
17				154								
18				32								
19												
20												
21						143						
22						512						
23						35						
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	456	0	963	0	0	0	0	0	11
MEAN	0	0	0	15	0	31	0	0	0	0	0	0
MAX	0	0	0	585	0	2072	0	0	0	0	52	44
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	904	0	1911	0	0	0	0	1	22

WTR YR 2023 TOTAL 1431 MEAN 4 MAX 2072 MIN 0 AC_FT 2838

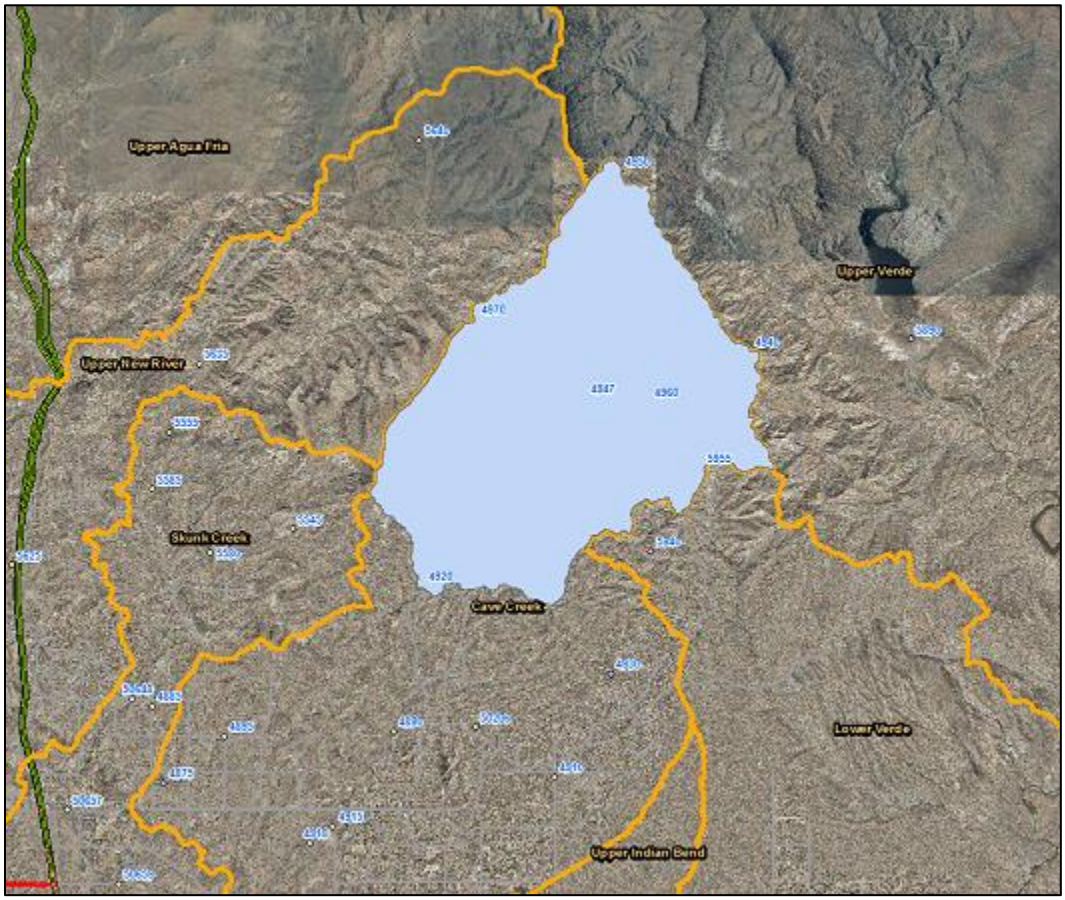
Cave Creek at Spur Cross, ID #20707

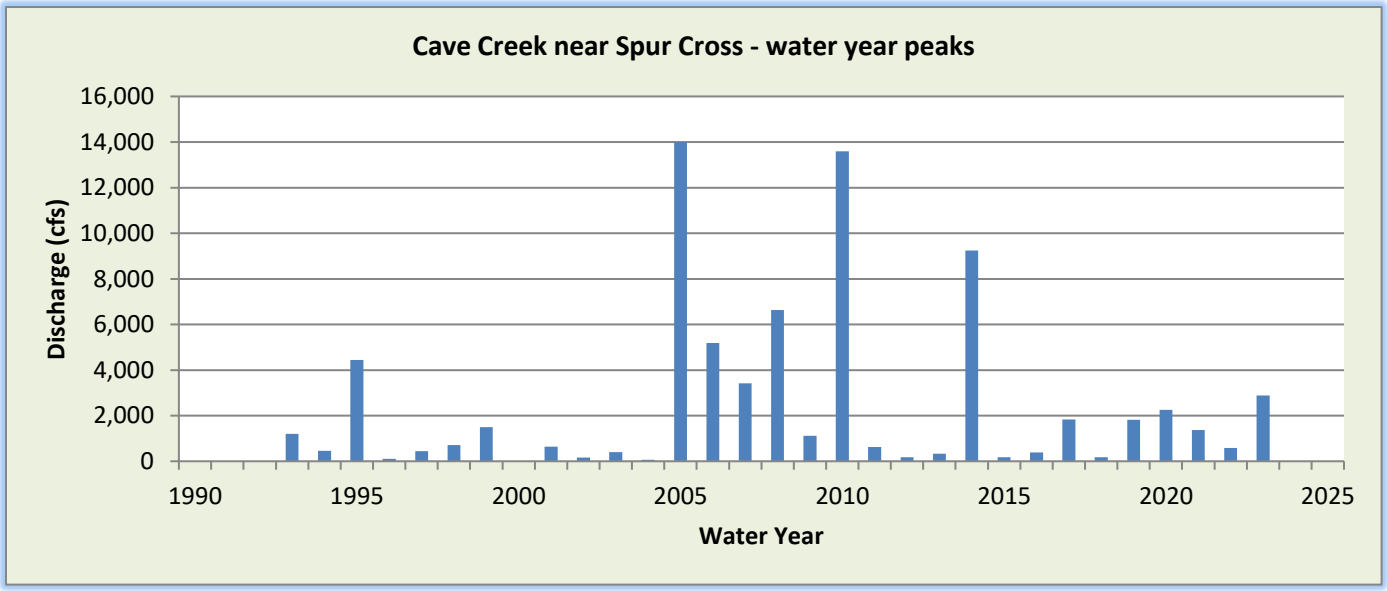


Site Data

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
ARIZONA STATE PLANE	E 688805 | N 1050604
USGS QUAD SHEET	Cave Creek 7.5-Minute
STREAMGAGE INSTALLATION DATE	06/16/1993 – WY 1993
PERIOD OF AVAILABLE DATA RECORD	06/16/1993 – Current
LENGTH OF AVAILABLE DATA RECORD	30.29 Years | 11,064 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Non-submersible Transducer
STAGE GAGE ELEVATION	2.64 feet Gage Height
STAFF GAGES	2
CREST STAGE GAGES	2
ZERO GAGE HEIGHT ELEVATION	2,260.026 feet NAVD88
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

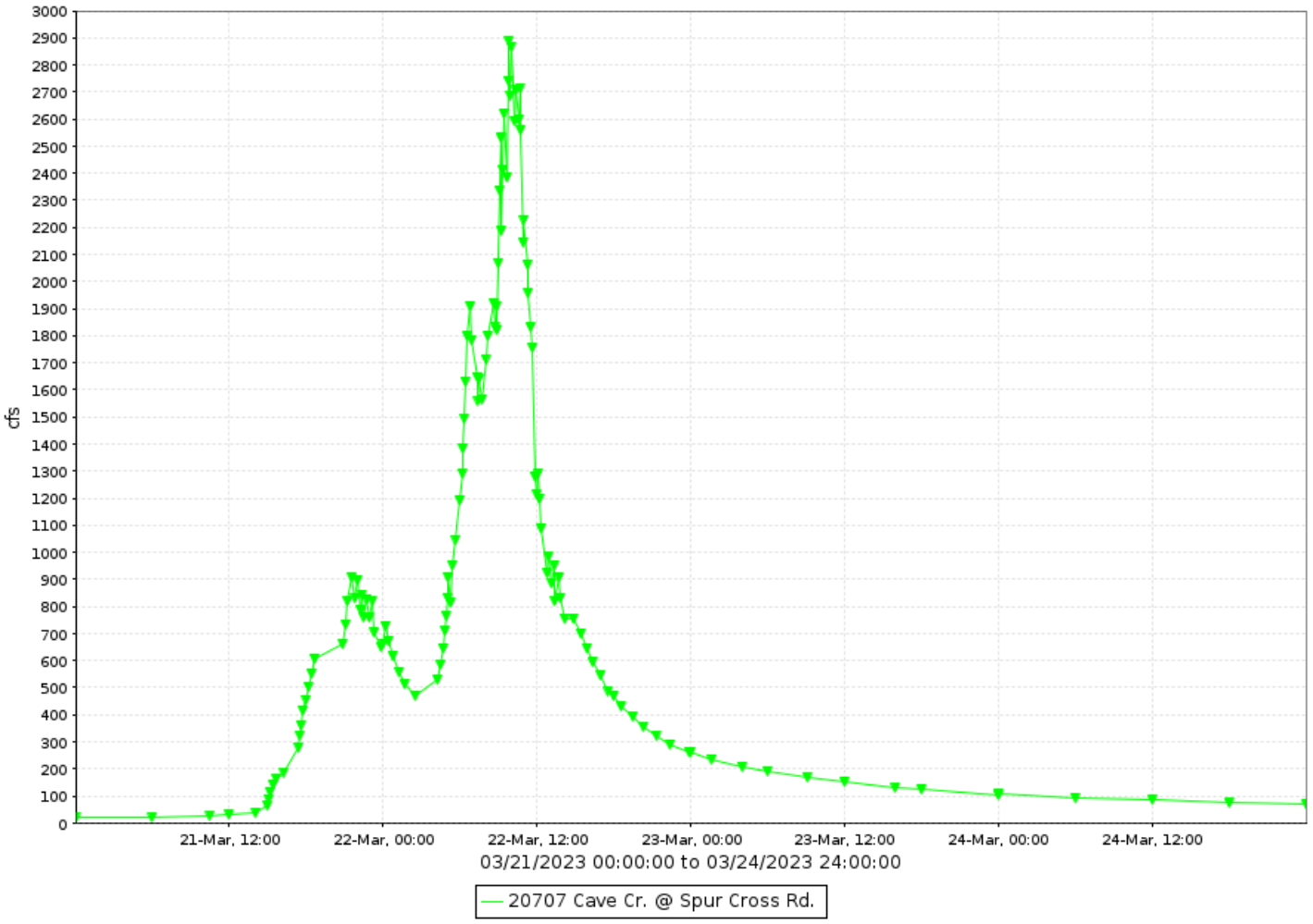




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
1/2	4.08	94
1/17	6.47	951
3/2	5.28	391
3/11	4.01	83
3/16	5.01	306
3/22	9.07	2887
8/31	3.23	14

Hydrograph of peak WY 2023 flow event, 03/22/2023



Cave Creek at Spur Cross, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				6	9	43	25	10				
2				81	9	249	24	9				
3				38	9	174	23	9				
4				18	9	116	22	9				
5				13	9	57	21	8				
6				9	9	36	22	8				
7				7	8	28	21	8				
8				6	8	22	21	8				
9				4	8	20	20	8				
10				2	8	18	19	7				
11				2	8	25	19	7				
12					8	21	18	7				
13				1	8	17	18	7				
14				4	10	15	18	6				
15				7	17	17	17	4				
16				16	14	138	17	3				
17				304	12	55	17	3				
18				72	12	34	16	3				
19				38	11	28	16	2				
20				25	11	22	15	2				
21				19	11	212	15	2				
22				16	14	939	15	1				
23				14	30	171	14					
24				12	21	90	13					
25				12	17	60	13					
26				11	19	46	12					
27				10	23	38	12					
28				10	22	34	11					
29				10	---	30	11					
30				10	---	28	10					
31		---		10	---	26	---		---			---
TOTAL	0	0	0	788	350	2812	517	131	0	0	0	0
MEAN	0	0	0	25	13	91	17	4	0	0	0	0
MAX	0	0	0	951	35	2887	25	10	0	0	14	7
MIN	0	0	0	0	7	14	10	0	0	0	0	0
AC_FT	0	0	0	1562	695	5577	1026	259	0	0	0	1

WTR YR 2023 TOTAL 4598 MEAN 13 MAX 2887 MIN 0 AC_FT 9121

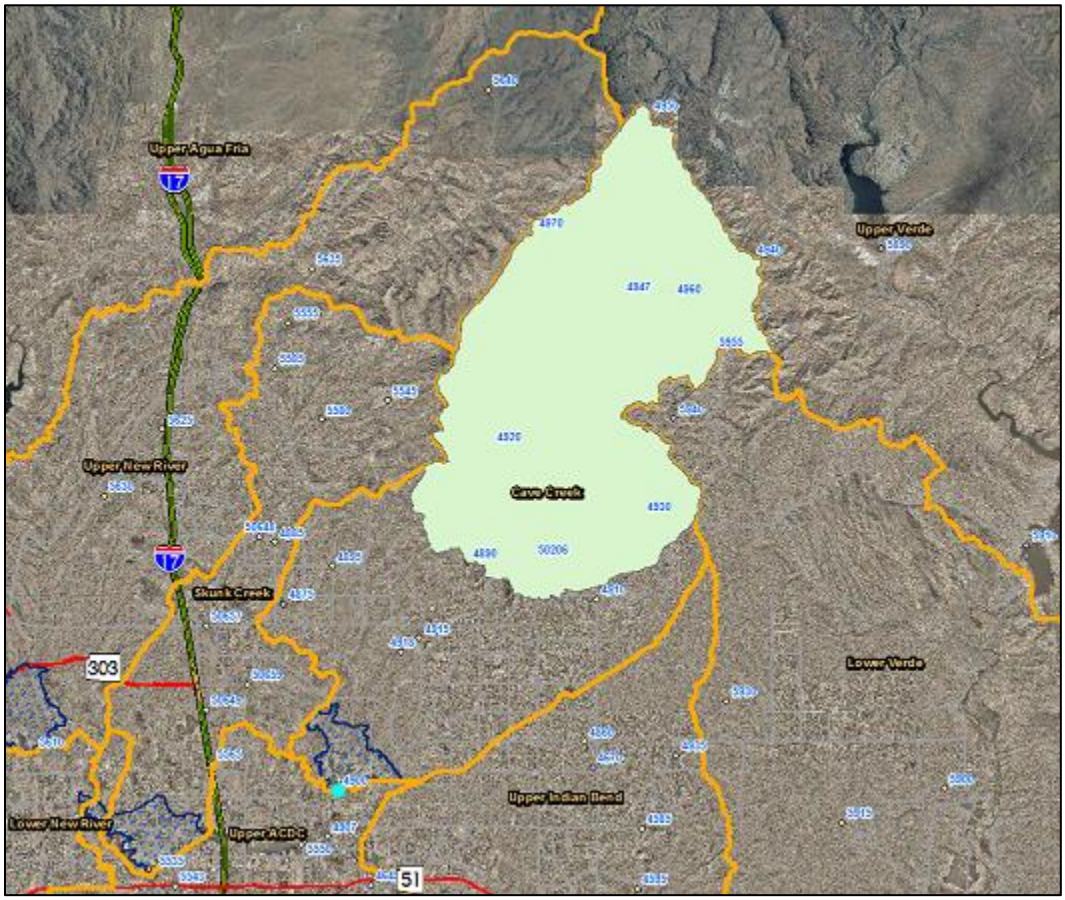
Cave Creek, ID #19007

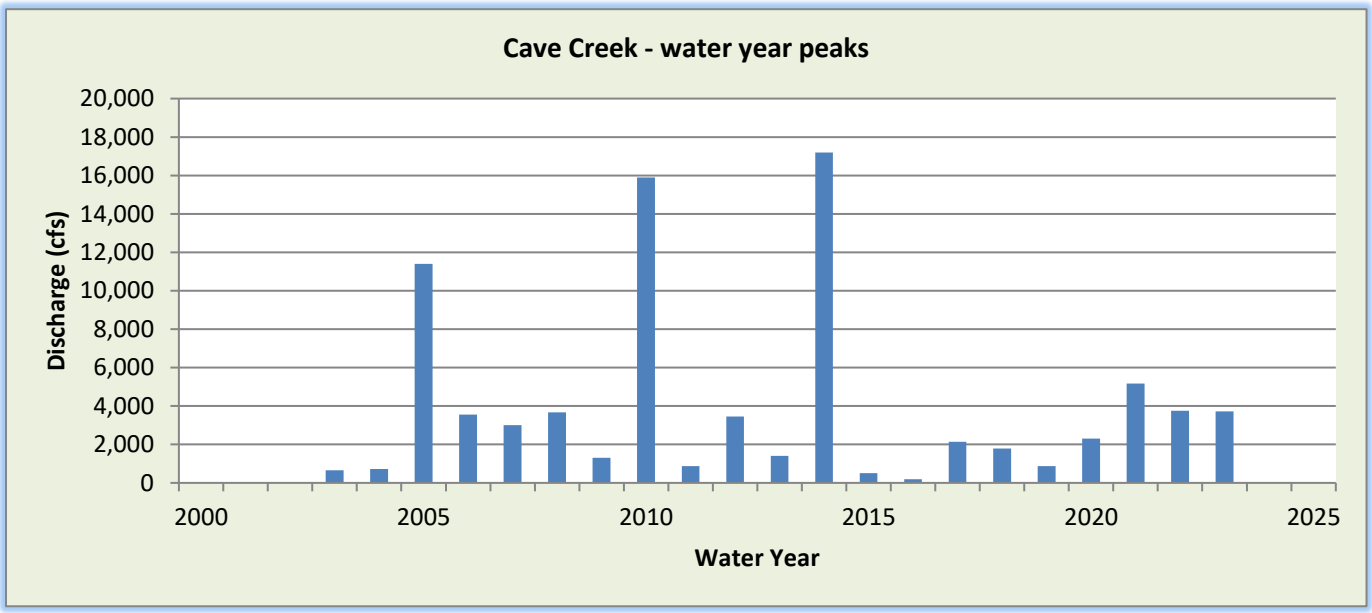


Site Data

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
ARIZONA STATE PLANE	N 1029539 | E 684512
USGS QUAD SHEET	Cave Creek 7.5-Minute
STREAMGAGE INSTALLATION DATE	05/28/2003 – WY 2002
PERIOD OF AVAILABLE DATA RECORD	05/28/2003 – Current
LENGTH OF AVAILABLE DATA RECORD	20.35 Years | 7,431 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Transducer
STAGE GAGE ELEVATION	0.25 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	1,989.199 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

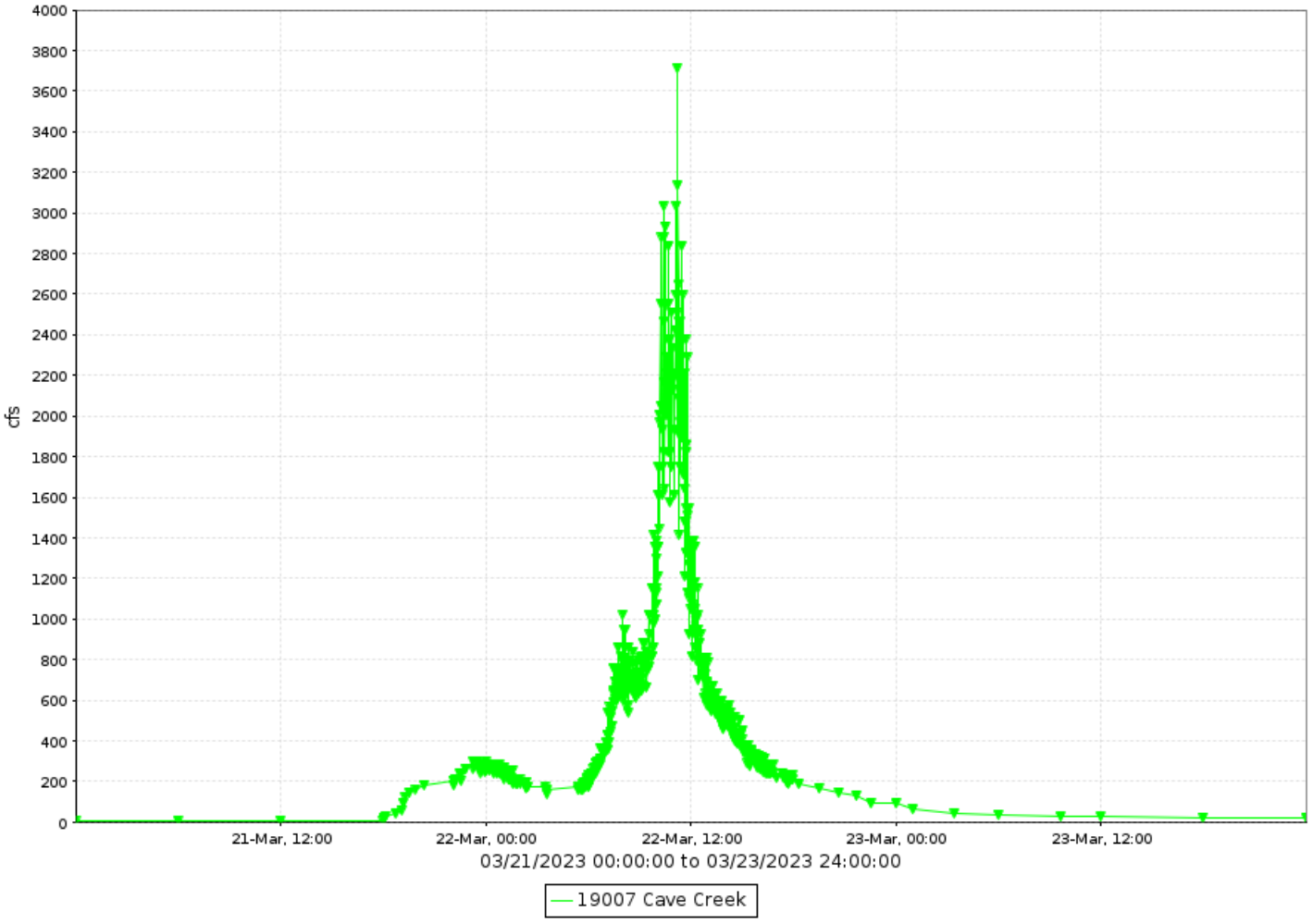




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
10/16	1.73	24
1/1	1.78	28
1/17	2.95	227
2/14	1.23	6
2/23	1.21	5
3/2	2.20	91
3/11	2.00	49
3/16	2.05	57
3/22	6.91	3715
8/31	4.51	650
9/13	2.51	150

Hydrograph of peak WY 2023 flow event, 03/22/2023



Cave Creek, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			1	3		5	7					5
2			1	3		49	7					
3			1	4		33	7					
4			1	2		24	7					
5			1			12	6					
6			2			9	6					
7			2			9	6				---	
8						8	6					
9						7	4					
10						7	1					
11						11	2					
12						9	1					2
13						7	1					4
14						5						
15						4	1					
16	5			2		30						
17				64		13						
18				10		9						
19				7		8						
20				6		7						
21				5		47						
22				5		469						
23				4	3	35						
24				4	3	16						
25				1	1	12						
26						10						
27		1				9						
28						9						
29			1		---	9						
30		1	1		---	8						
31		---	1		---	8	---		---		17	---
TOTAL	5	6	18	122	7	896	64	0	0	0	17	11
MEAN	0	0	1	4	0	29	2	0	0	0	1	0
MAX	24	1	2	227	6	3715	8	0	0	0	650	187
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	10	12	36	242	15	1778	126	0	0	0	34	22

WTR YR 2023 TOTAL 1147 MEAN 3 MAX 3715 MIN 0 AC_FT 2275

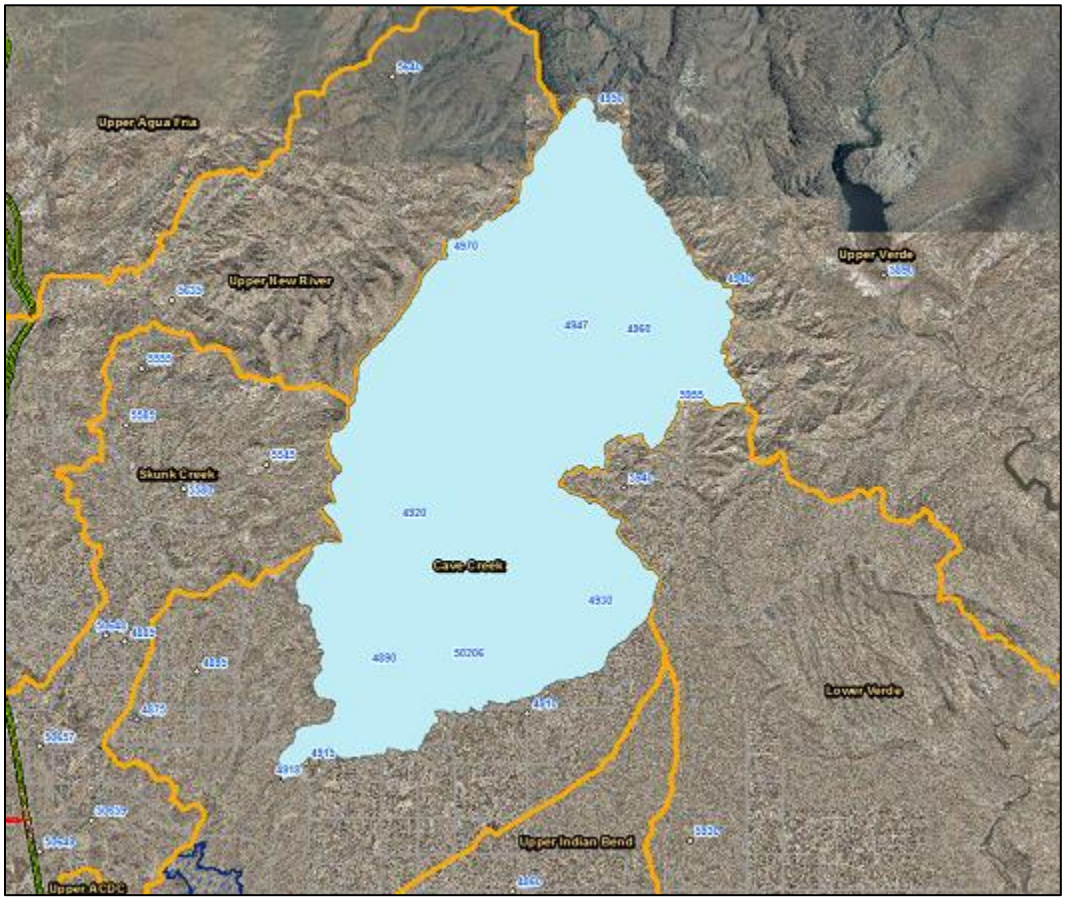
Cave Creek near Cave Creek, ID #20507

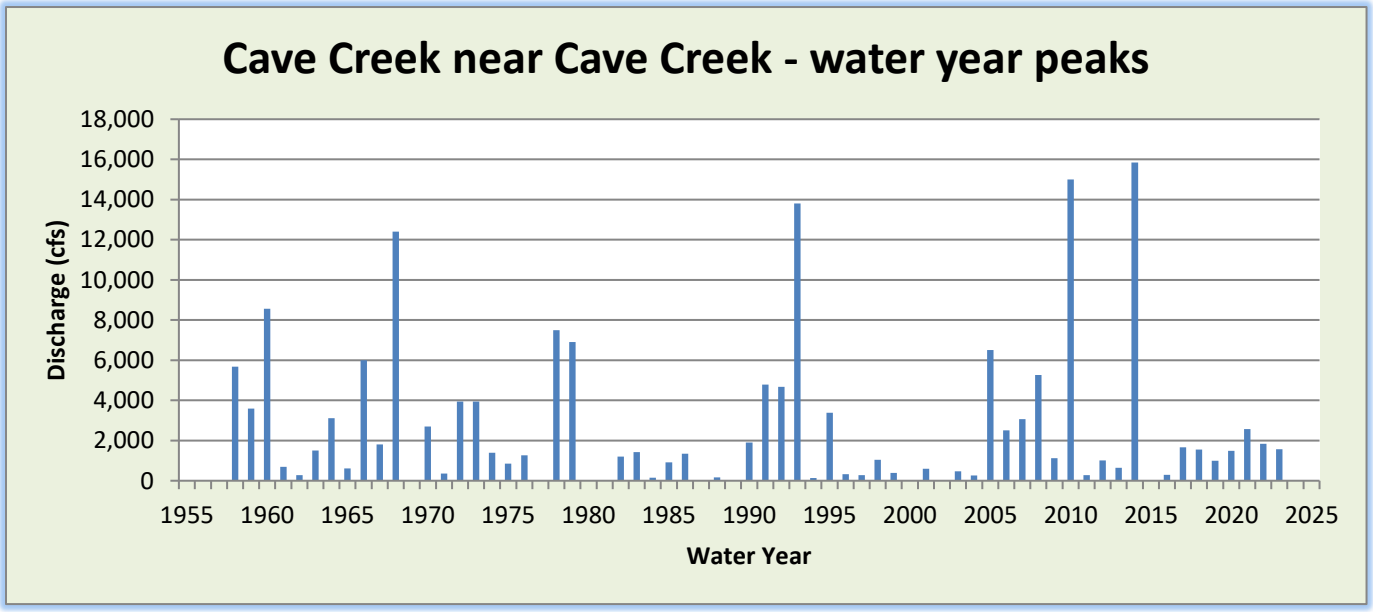


Site Data

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
ARIZONA STATE PLANE	E 672443 | N 1013430
USGS QUAD SHEET	New River SE 7.5-Minute
STREAMGAGE INSTALLATION DATE	05/27/1994 – WY 1994 (USGS gaged since 1958)
PERIOD OF AVAILABLE DATA RECORD	05/27/1994 – Current
LENGTH OF AVAILABLE DATA RECORD	29.35 Years | 10,719 Days
GAPS IN RECORD	11/30/2009 – 06/16/2010 | 09/08/2013 – 10/28/2013
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.00 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	1,801.90 feet NAVD88
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

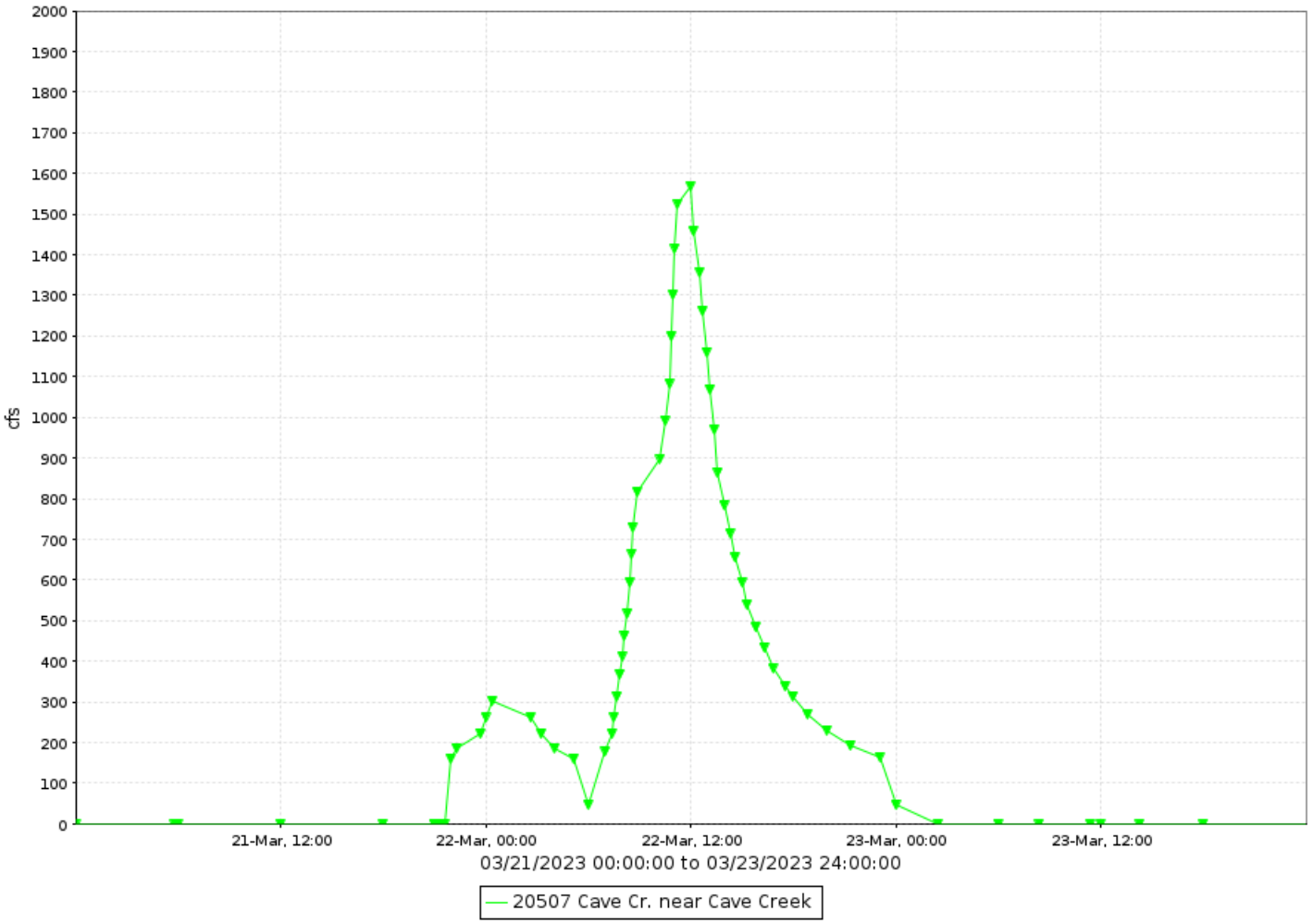




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
1/17	1.57	356
2/14	0.55	0
3/2	1.07	192
3/22	3.54	1569
9/1	1.50	330

Hydrograph of peak WY 2023 flow event, 03/22/2023



Cave Creek near Cave Creek, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												3
2						24						
3						8						
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17				83								
18												
19												
20												
21						16						
22						476						
23						5						
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	83	0	529	0	0	0	0	0	3
MEAN	0	0	0	3	0	17	0	0	0	0	0	0
MAX	0	0	0	356	0	1569	0	0	0	0	0	330
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	164	0	1049	0	0	0	0	0	6

WTR YR 2023 TOTAL 614 MEAN 2 MAX 1569 MIN 0 AC_FT 1219

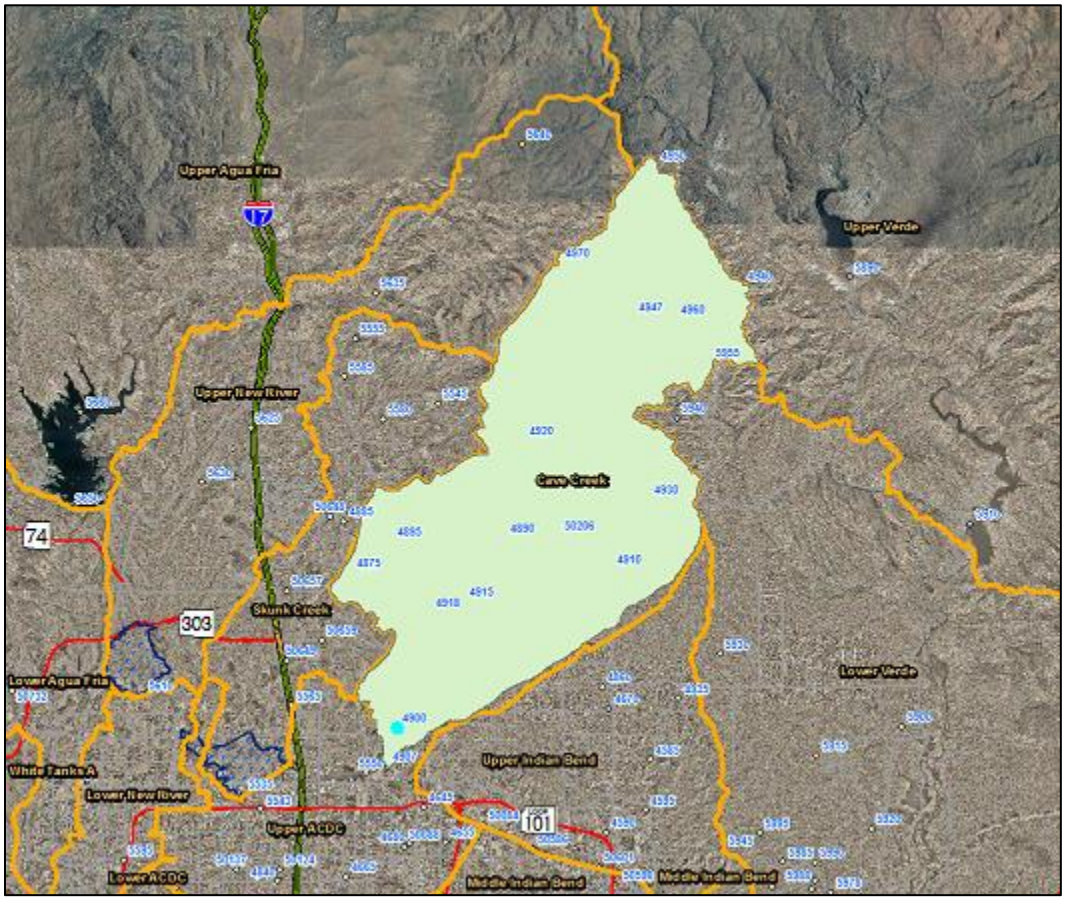
Cave Creek at CAP, ID #19807

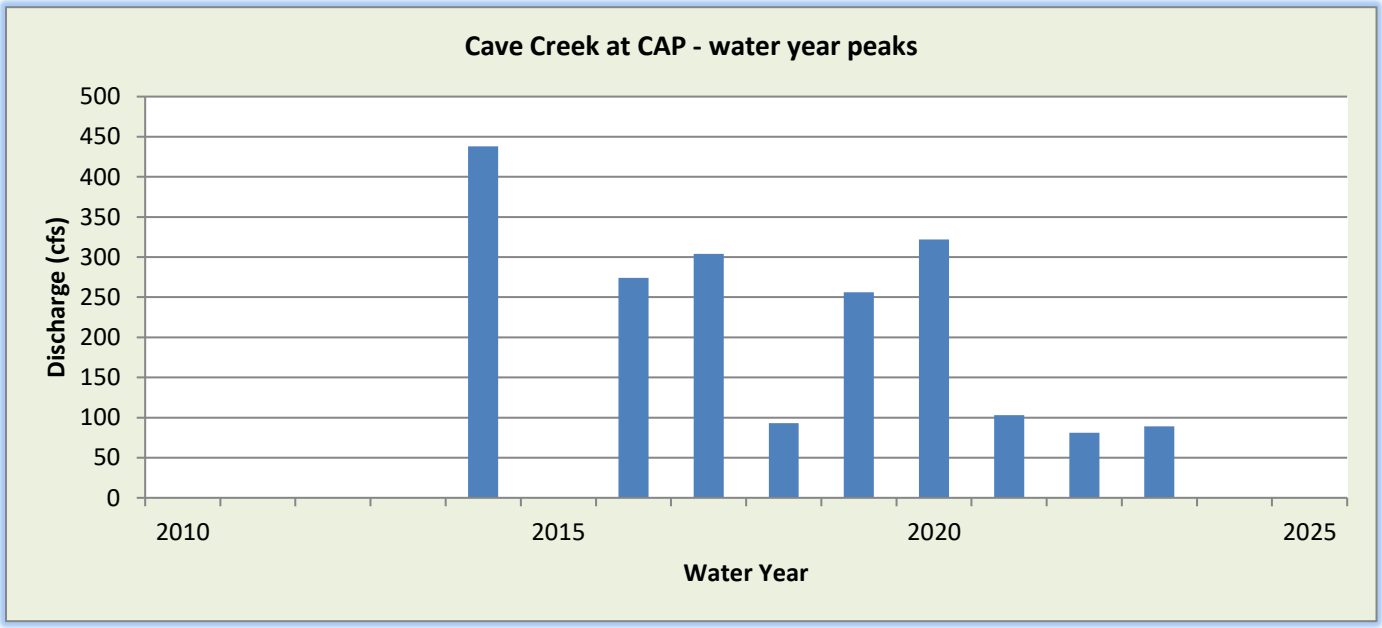


Site Data

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
ARIZONA STATE PLANE	E 659096 | N 980047
USGS QUAD SHEET	Union Hills 7.5-Minute
STREAMGAGE INSTALLATION DATE	04/14/2014 – WY 2014
PERIOD OF AVAILABLE DATA RECORD	04/14/2014 – Current
LENGTH OF AVAILABLE DATA RECORD	9.47 Years | 3,457 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.10 feet Gage Height
STAFF GAGES	None
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	1,507.486 feet NAVD88
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	146 cfs | 0.92 feet | 08/20/2014

Watershed Map

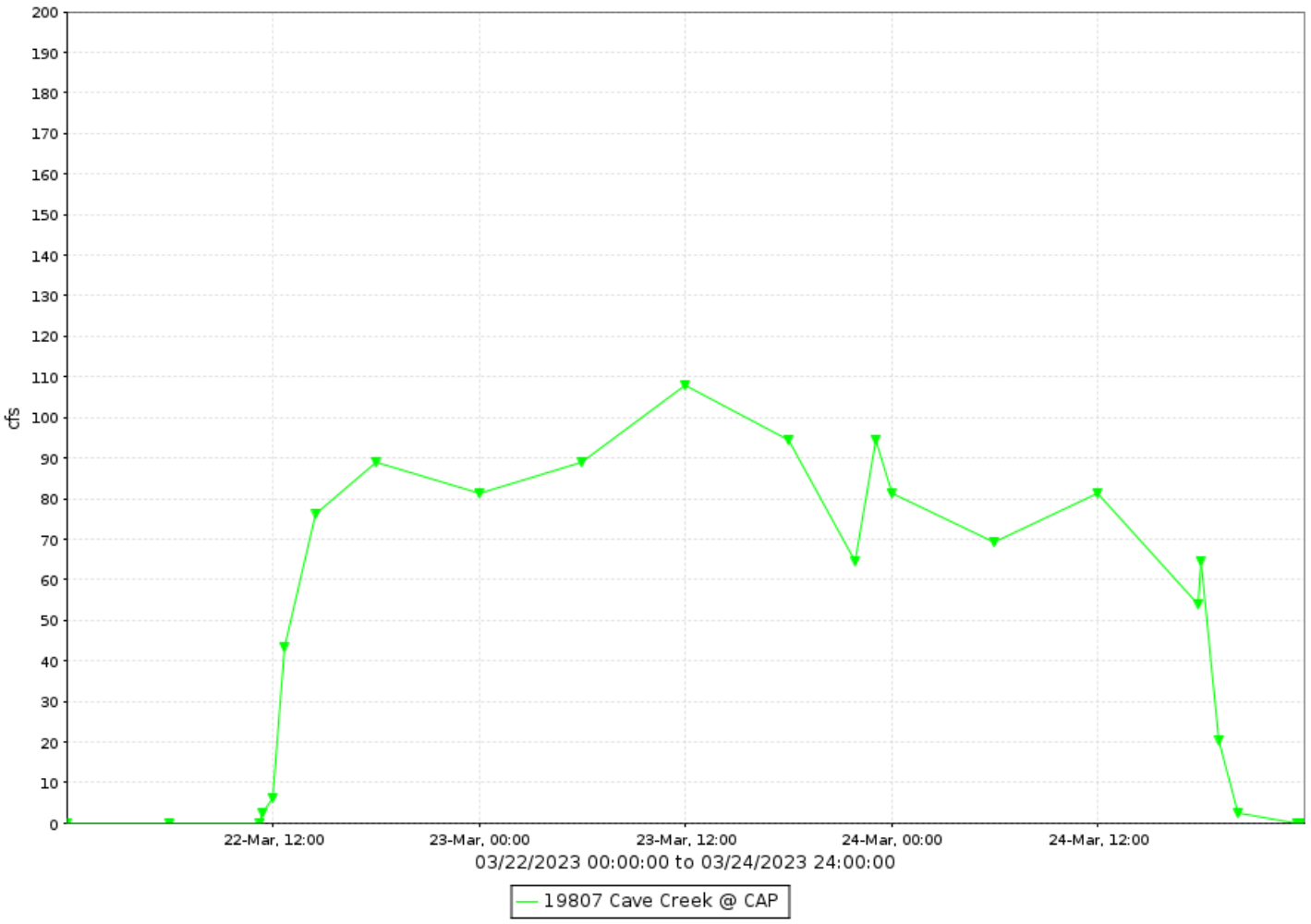




WY2023 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
3/23	0.79	108
9/1	0.47	15

Hydrograph of peak WY 2023 flow event, 03/23/2023



Cave Creek at CAP, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												3
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22						37						
23						92						
24						62						
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	0	0	191	0	0	0	0	0	3
MEAN	0	0	0	0	0	6	0	0	0	0	0	0
MAX	0	0	0	0	0	108	0	0	0	0	0	15
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	378	0	0	0	0	0	6

WTR YR 2023 TOTAL 194 MEAN 1 MAX 108 MIN 0 AC_FT 384

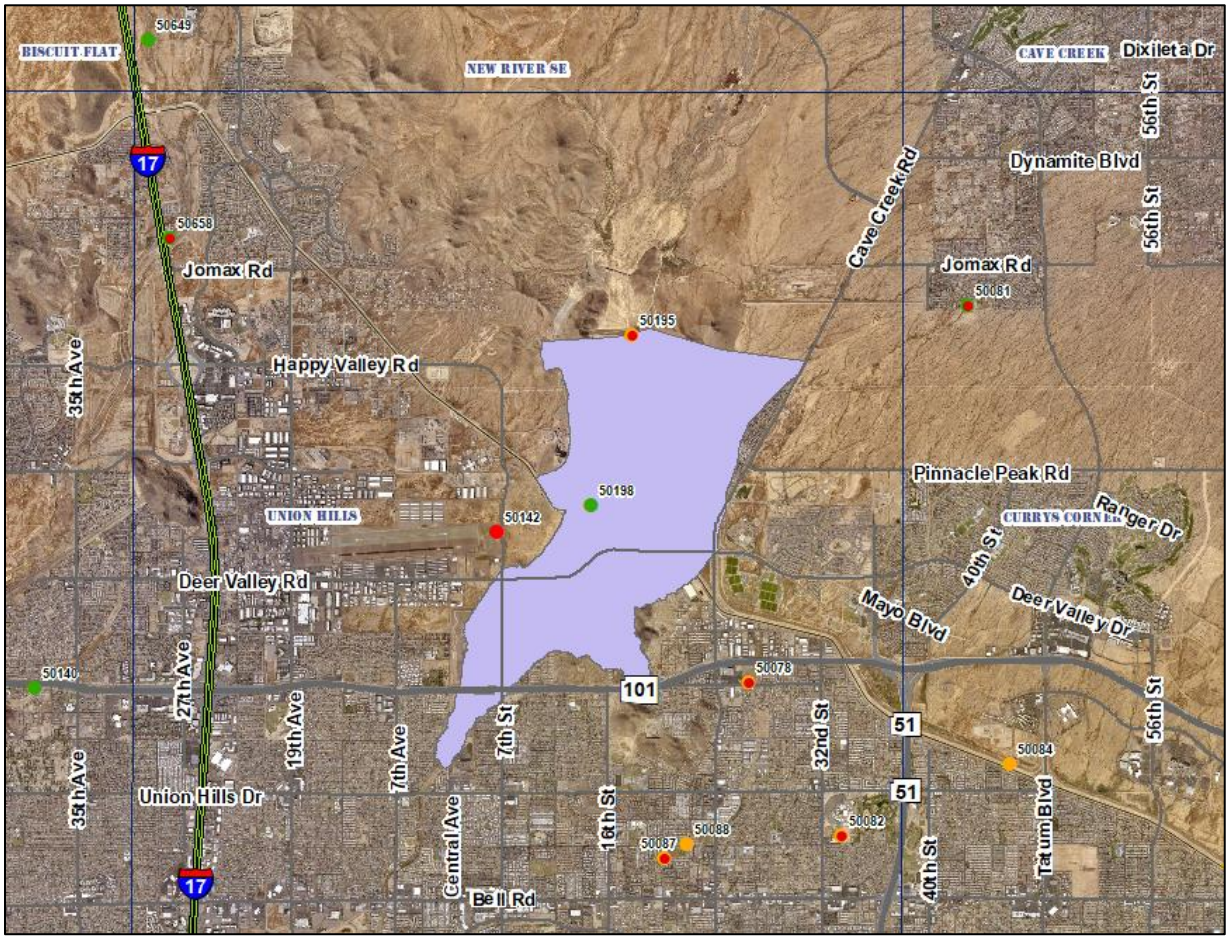
Cave Creek near Union Hills Drive, ID #8007

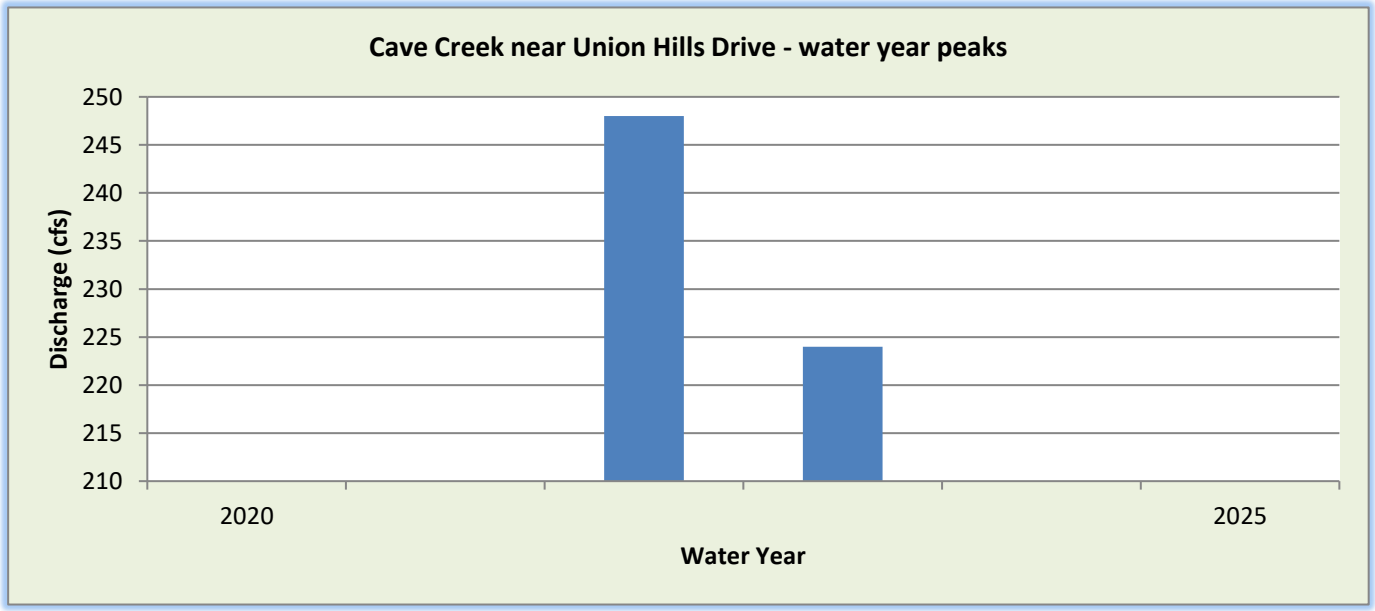


Site Data

LOCATION	Located about a quarter mile north of Union Hills Drive
DRAINAGE AREA	7.1 mi^2
STREAM TYPE	Natural
JURISDICTION	Phoenix, Arizona
WATERSHED	Upper ACDC
SECTION/TOWNSHIP/RANGE	S29 T4N R3E
LATITUDE	N 33° 39’ 31.9” | +33.65885
LONGITUDE	W 112° 04’ 29.0” | -112.07472
ARIZONA STATE PLANE	E 651910 | N 967290
USGS QUAD SHEET	Union Hills 7.5-Minute
STREAMGAGE INSTALLATION DATE	03/03/2022 – WY 2022
PERIOD OF AVAILABLE DATA RECORD	03/03/2022 – Current
LENGTH OF AVAILABLE DATA RECORD	1.58 Years | 577 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	1.90 feet Gage Height
STAFF GAGES	None
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	1,405.000 feet NAVD88
POINT OF ZERO FLOW	0.5 feet Gage Height
EXTREME FOR PERIOD OF RECORD	248 cfs | 2.63 feet | 07/30/2022

Watershed Map





WY2023 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
3/23	2.38	224

Hydrograph of peak WY 2023 flow event, 03/23/2023



Cave Creek near Union Hills Drive, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

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						190						
24						182						
25						74						
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	0	0	446	0	0	0	0	0	0
MEAN	0	0	0	0	0	14	0	0	0	0	0	0
MAX	0	0	0	0	0	224	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	884	0	0	0	0	0	0

WTR YR 2023 TOTAL 446 MEAN 1 MAX 224 MIN 0 AC_FT 884

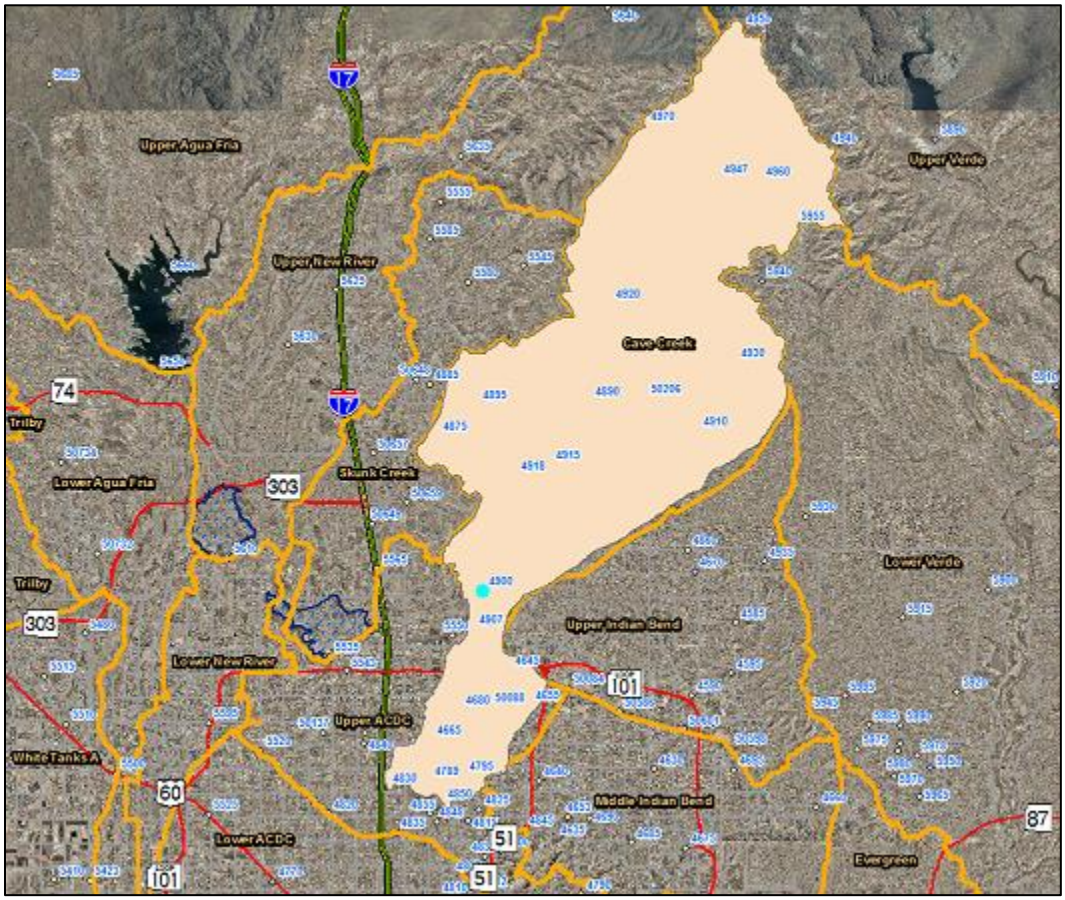
Cave Creek at Cactus Road, ID #11807

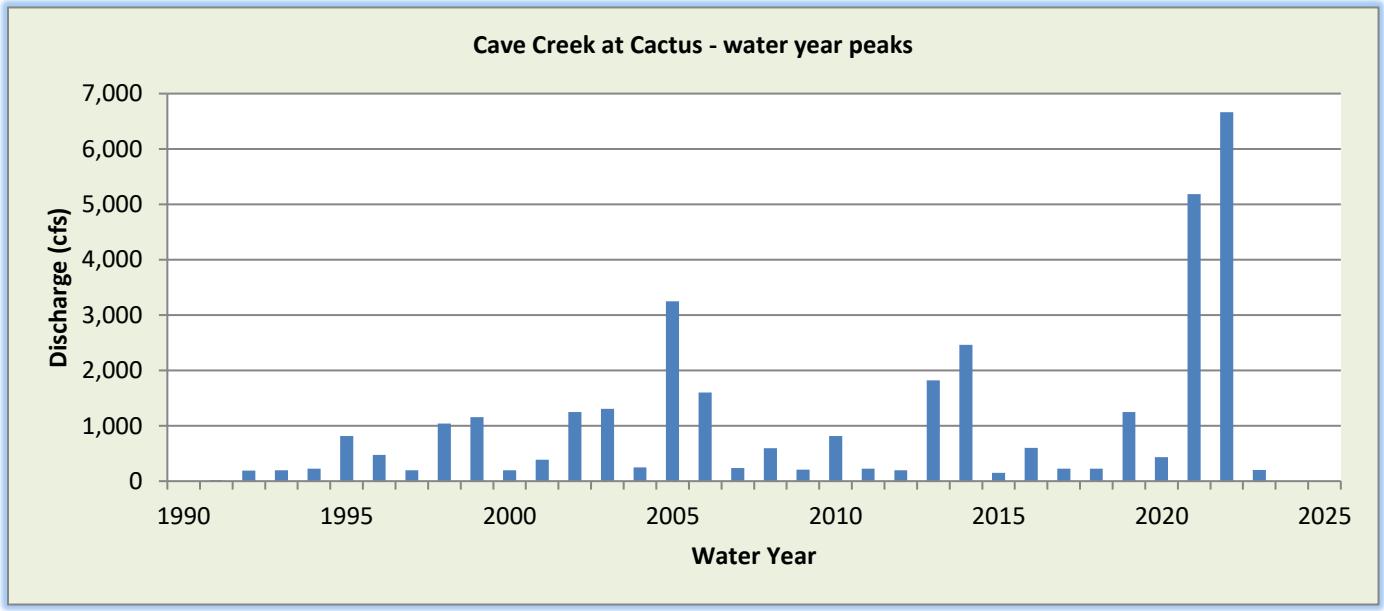


Site Data

LOCATION	Near Cactus Road and 25th Avenue
DRAINAGE AREA	33.6 mi^2
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
ARIZONA STATE PLANE	E 640515 | N 945776
USGS QUAD SHEET	Sunnyslope 7.5-Minute
STREAMGAGE INSTALLATION DATE	06/27/1991 – WY 1991
PERIOD OF AVAILABLE DATA RECORD	06/27/1991 – Current
LENGTH OF AVAILABLE DATA RECORD	32.26 Years | 11,784 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.35 feet Gage Height
STAFF GAGES	2
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,259.361 feet NAVD88
POINT OF ZERO FLOW	0.00 feet Gage Height
EXTREME FOR PERIOD OF RECORD	6,665 cfs | 13.16 feet | 07/30/2022

Watershed Map

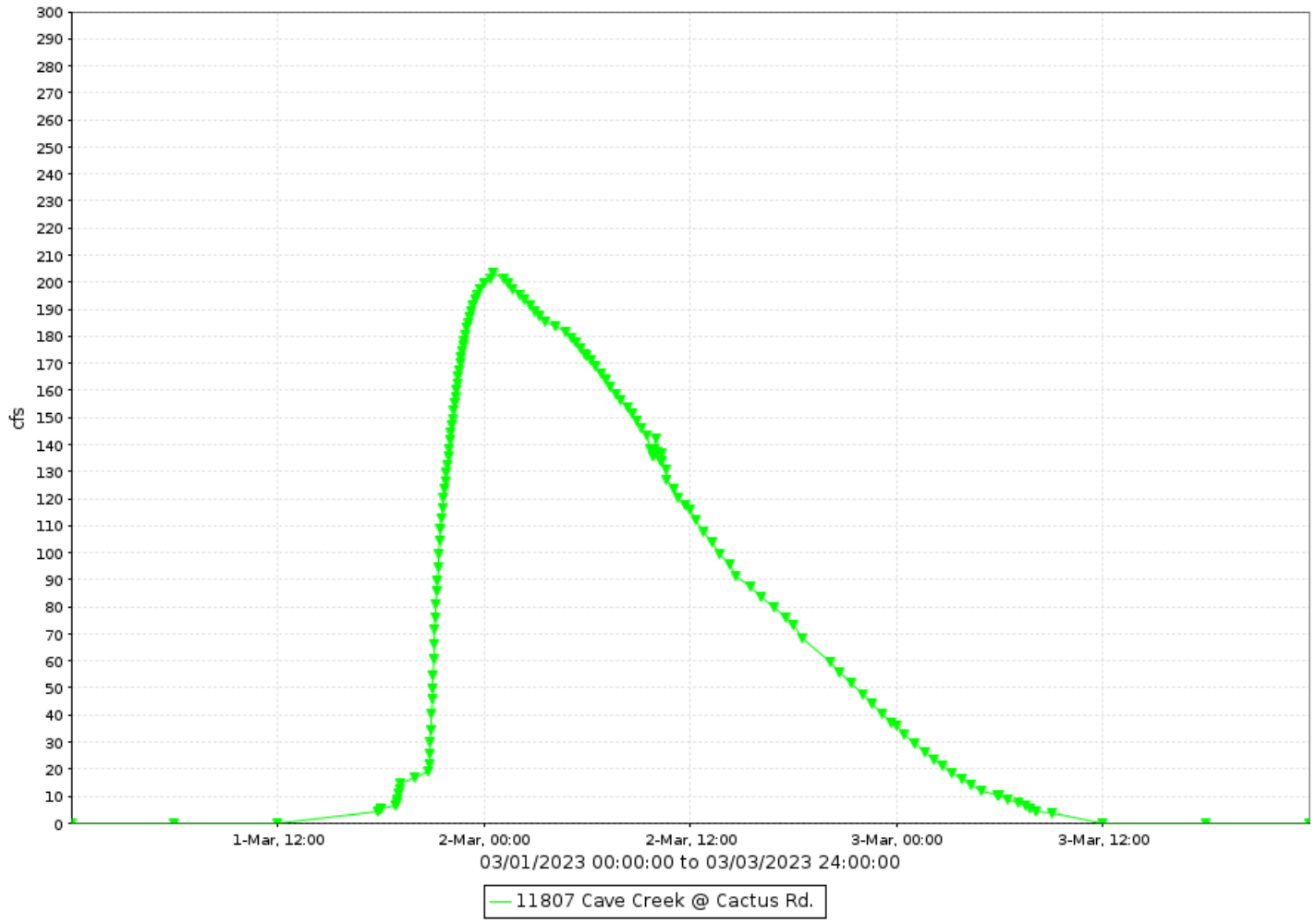




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
10/16	7.55	201
12/28	3.41	91
1/1	3.98	114
1/16	1.16	13
2/16	1.61	24
3/2	7.67	203
3/16	1.76	28
3/24	7.52	200

Hydrograph of peak WY 2023 flow event, 03/02/2023



Cave Creek at Cactus Road, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				27		21						
2				40		122						
3				1		7						
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14					1							
15	28			2	4	1						
16	121			7	1	11					1	
17	2			5								
18												
19												
20												
21												
22					2							
23						92						
24						192						
25						103						
26						4						
27			1									
28			33									
29			1		---							
30					---							
31		---			---		---		---			---
TOTAL	151	0	36	83	8	553	0	0	0	0	1	0
MEAN	5	0	1	3	0	18	0	0	0	0	0	0
MAX	201	0	91	114	24	203	0	0	0	0	7	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	300	0	70	164	16	1097	0	0	0	0	2	0

WTR YR 2023 TOTAL 832 MEAN 2 MAX 203 MIN 0 AC_FT 1650

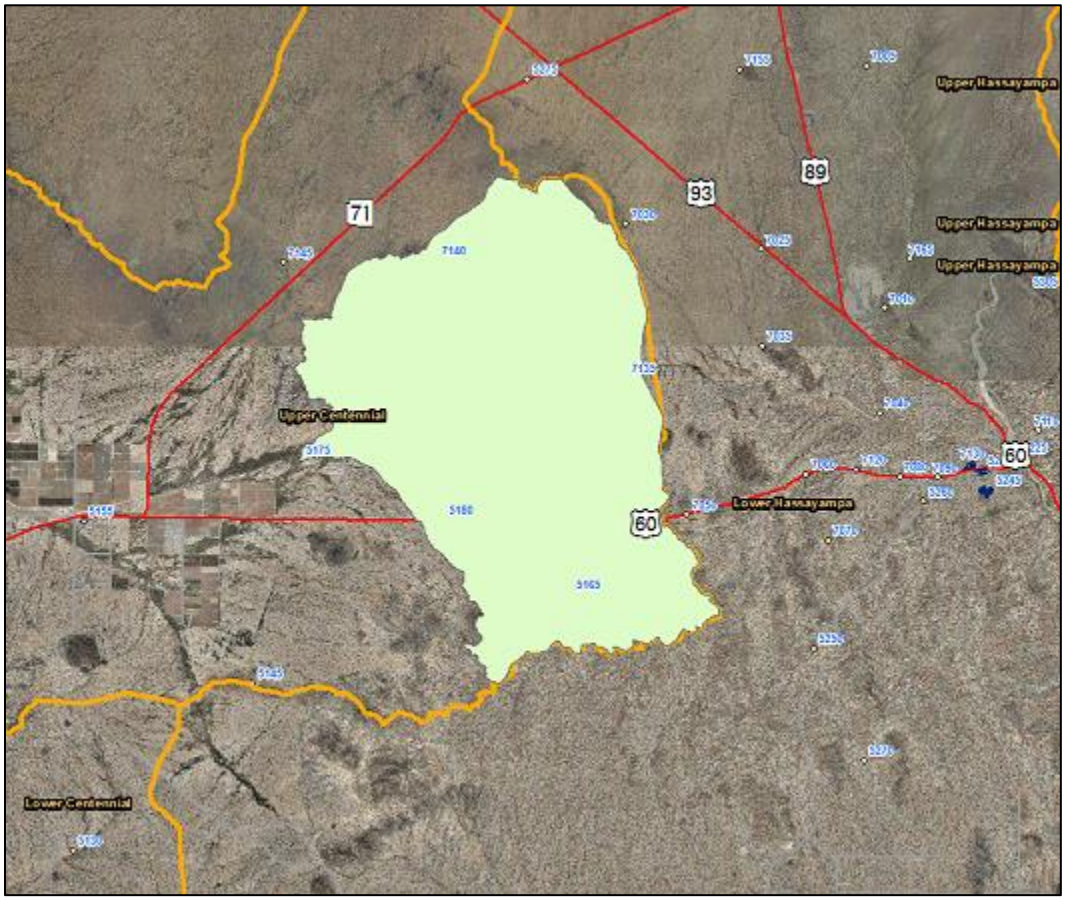
Centennial Wash near Aguila, ID #29007

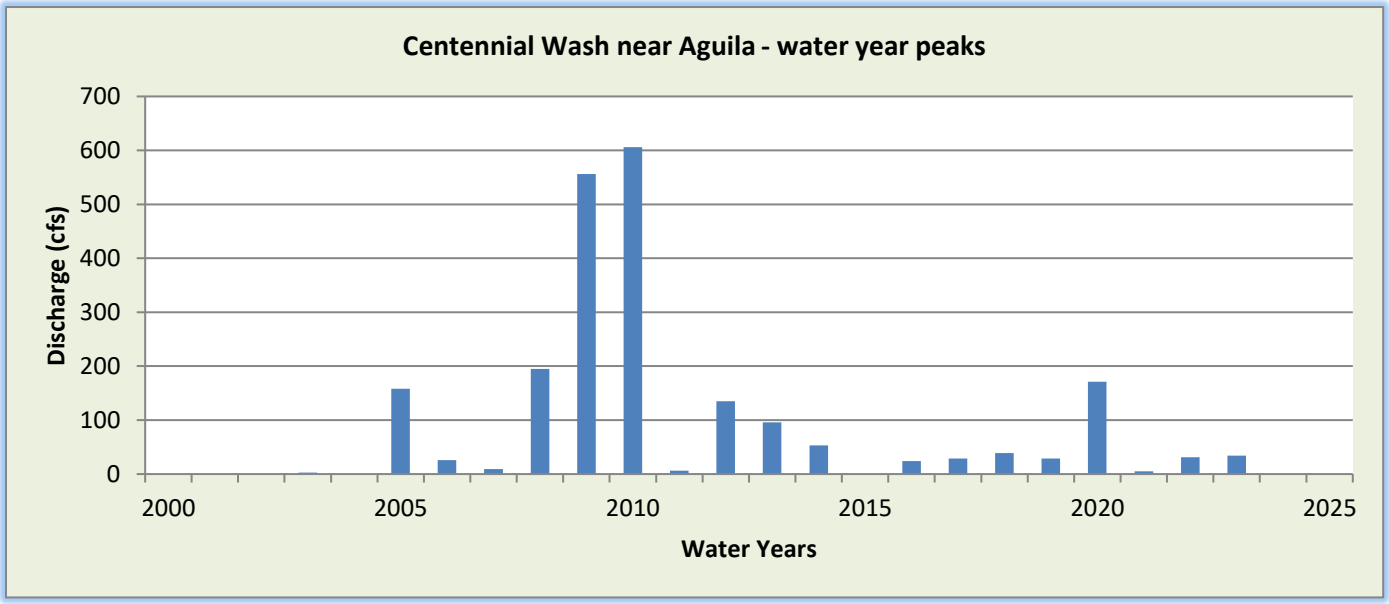


Site Data

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
ARIZONA STATE PLANE	E 350652 | N 1081250
USGS QUAD SHEET	Forepaugh Peak 7.5-Minute
STREAMGAGE INSTALLATION DATE	06/05/2001 – WY 2001
PERIOD OF AVAILABLE DATA RECORD	06/05/2001 – Current
LENGTH OF AVAILABLE DATA RECORD	22.32 Years | 8,153 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.00 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	1
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





WY2023 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
9/2	1.07	34

Hydrograph of peak WY 2023 flow event, 09/02/2023



Centennial Wash near Aguila, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												5
3												4
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	9
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	34
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	18

WTR YR 2023 TOTAL 9 MEAN 0 MAX 34 MIN 0 AC_FT 18

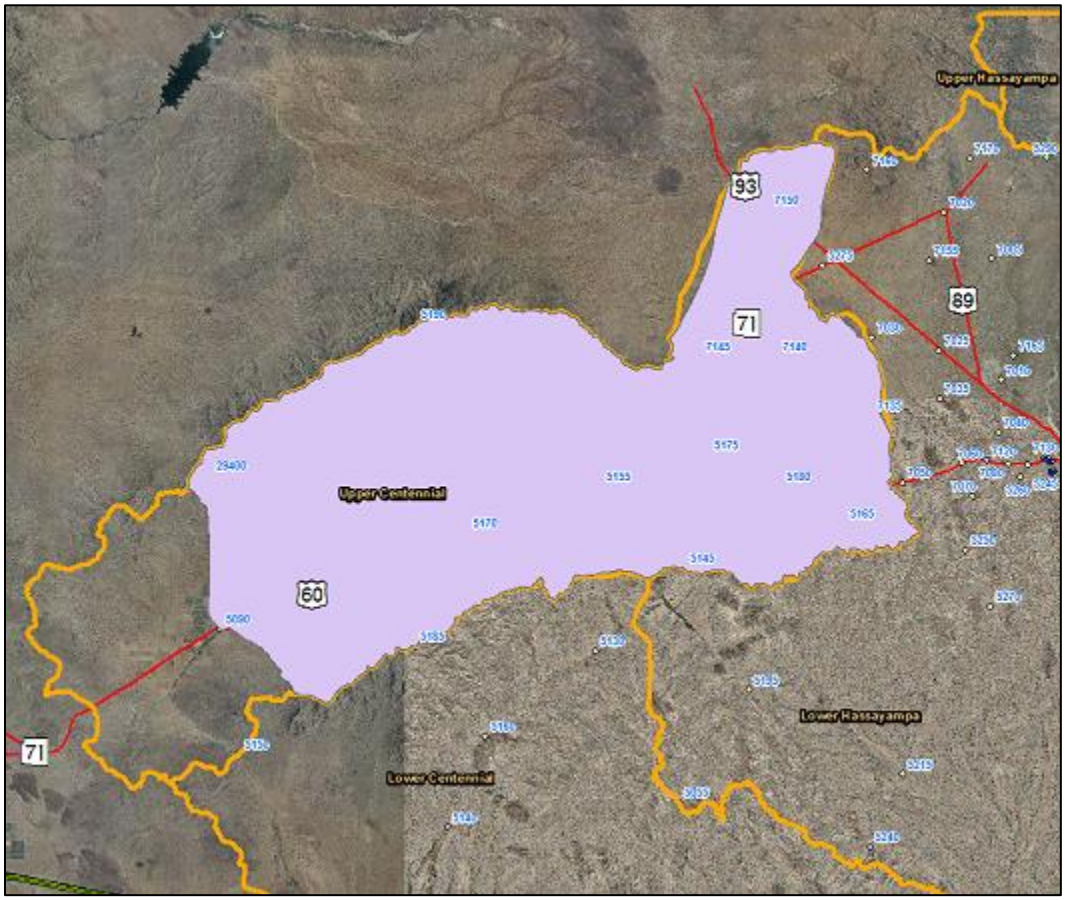
Centennial Wash at Wenden, ID #27507

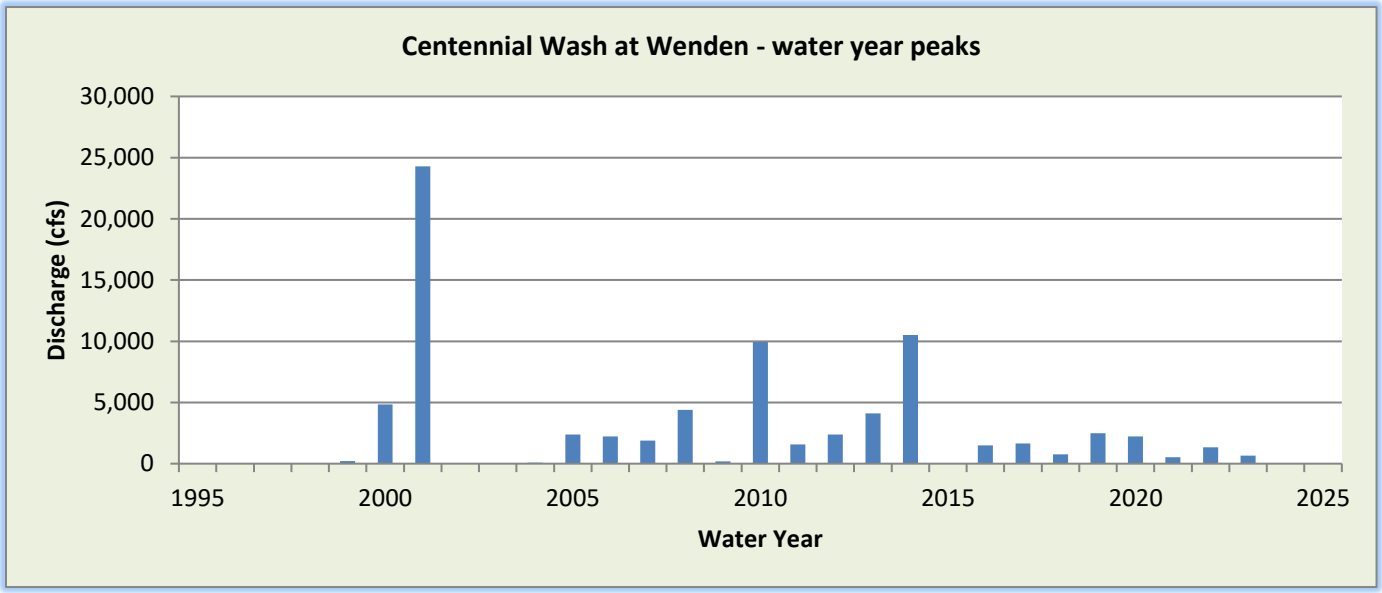


Site Data

LOCATION	In La Paz County on the eastern side of Wenden
DRAINAGE AREA	592 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
ARIZONA STATE PLANE	E 209195 | N 1031146
USGS QUAD SHEET	Salome 7.5-Minute
STREAMGAGE INSTALLATION DATE	09/16/1998 – WY 1998
PERIOD OF AVAILABLE DATA RECORD	09/16/1998 – Current
LENGTH OF AVAILABLE DATA RECORD	25.04 Years | 9,146 Days
GAPS IN RECORD	12/01/2002 – 07/07/2004
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.00 feet Gage Height
STAFF GAGES	1
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	1,857.914 feet NAVD88
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

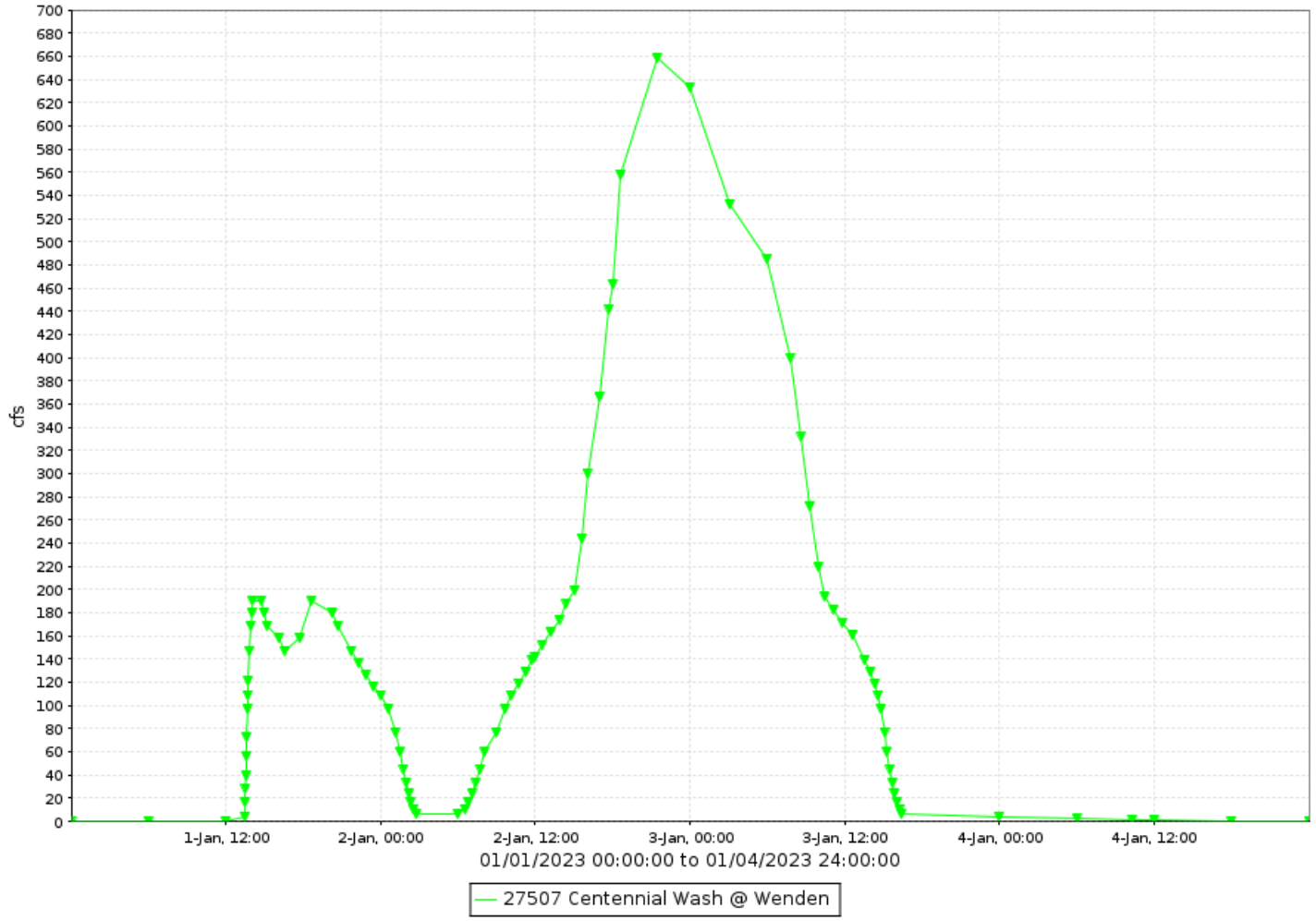




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
10/4	2.67	463
10/16	1.84	155
1/2	2.87	658
1/18	0.78	23
3/16	1.91	163

Hydrograph of peak WY 2023 flow event, 01/02/2023



Centennial Wash at Wenden, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				70								---
2				232								---
3	11			252								---
4	176			2								---
5												---
6												---
7												---
8												---
9												---
10												---
11												---
12												---
13												---
14												---
15												---
16	46				---	46						---
17					---	33						---
18				5	---	1						---
19				1	---							---
20					---							---
21												---
22												---
23												---
24												---
25												---
26												---
27												---
28												---
29					---							---
30					---							---
31		---			---		---		---			---
TOTAL	233	0	0	561	0	80	0	0	0	0	0	---
MEAN	8	0	0	18	0	3	0	0	0	0	0	---
MAX	463	0	0	658	0	163	0	0	0	0	0	---
MIN	0	0	0	0	0	0	0	0	0	0	0	---
AC_FT	462	0	0	1112	0	158	0	0	0	0	0	---

WTR YR 2023 TOTAL 873 MEAN 2 MAX 658 MIN 0 AC_FT 1732

*station temporarily removed on September 1st due to construction on bridge

Centennial Levee, ID #25707

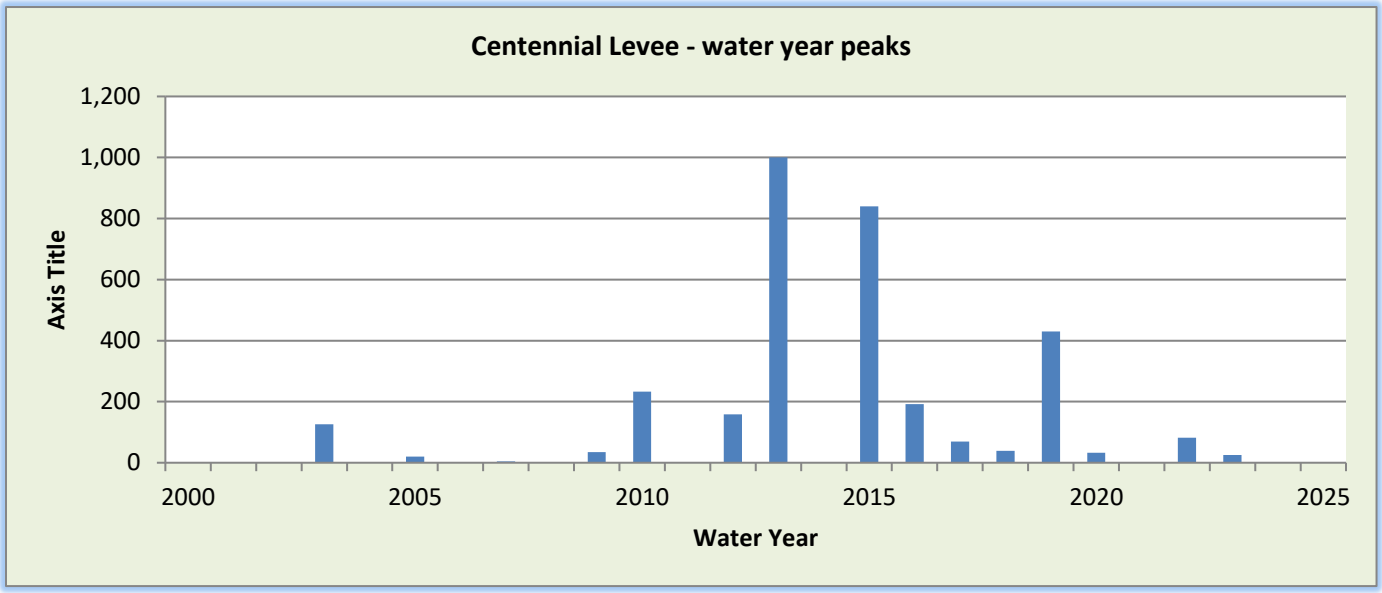


Site Data

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
ARIZONA STATE PLANE	E 290435 | N 919177
USGS QUAD SHEET	Courthouse Well 7.5-Minute
STREAMGAGE INSTALLATION DATE	07/09/2003 – WY 2003
PERIOD OF AVAILABLE DATA RECORD	07/09/2003 – Current
LENGTH OF AVAILABLE DATA RECORD	20.23 Years | 7,389 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.65 feet Gage Height
STAFF GAGES	1
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	1,260.701 feet NAVD88
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

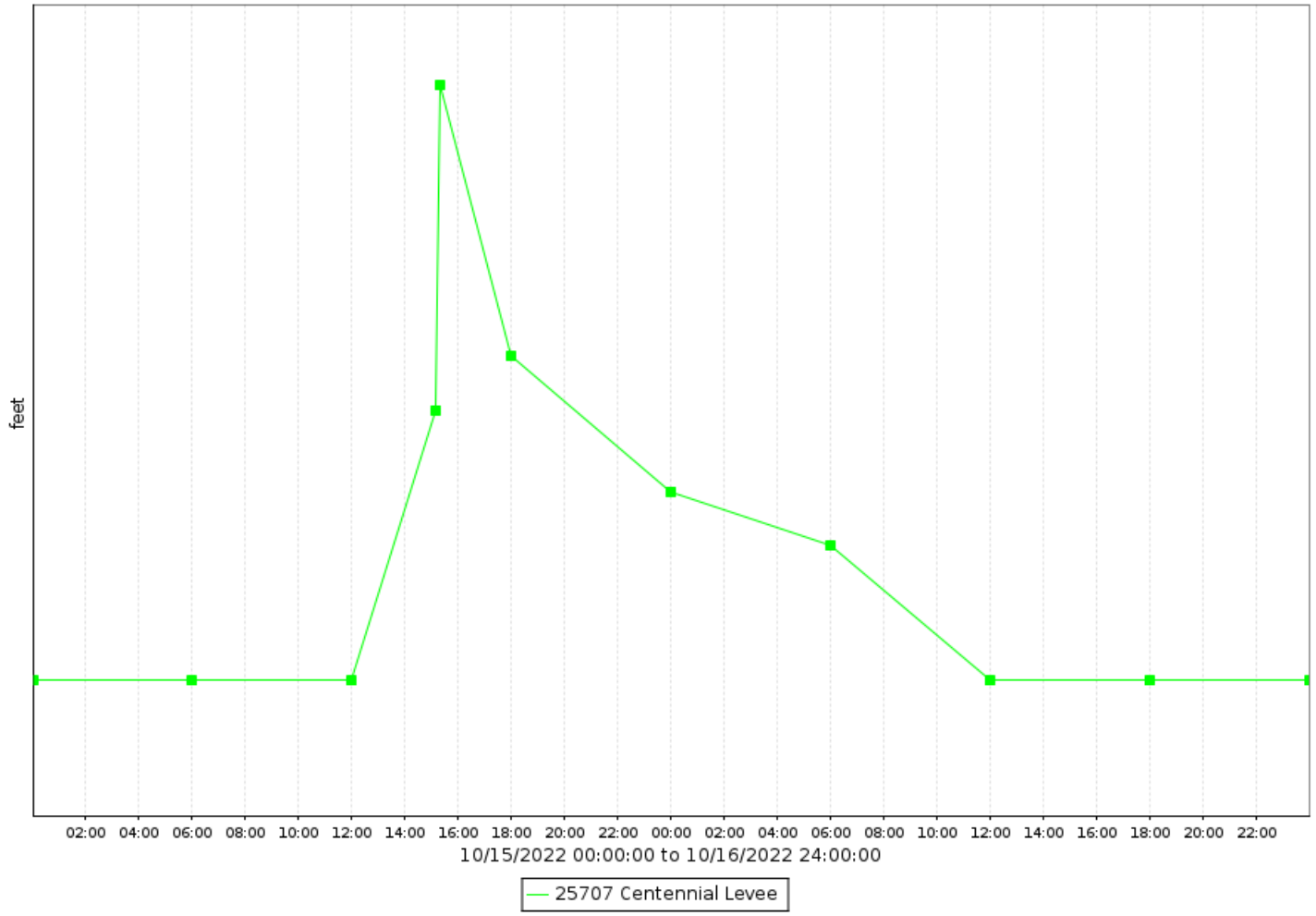




WY2023 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
10/15	0.87	25
9/1	0.85	24

Hydrograph of peak WY 2023 flow event, 10/15/2022



Centennial Levee, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												10
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15	8											
16	9											
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	10
MEAN	1	0	0	0	0	0	0	0	0	0	0	0
MAX	25	0	0	0	0	0	0	0	0	0	0	24
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	35	0	0	0	0	0	0	0	0	0	0	20

WTR YR 2023 TOTAL 27 MEAN 0 MAX 25 MIN 0 AC_FT 54

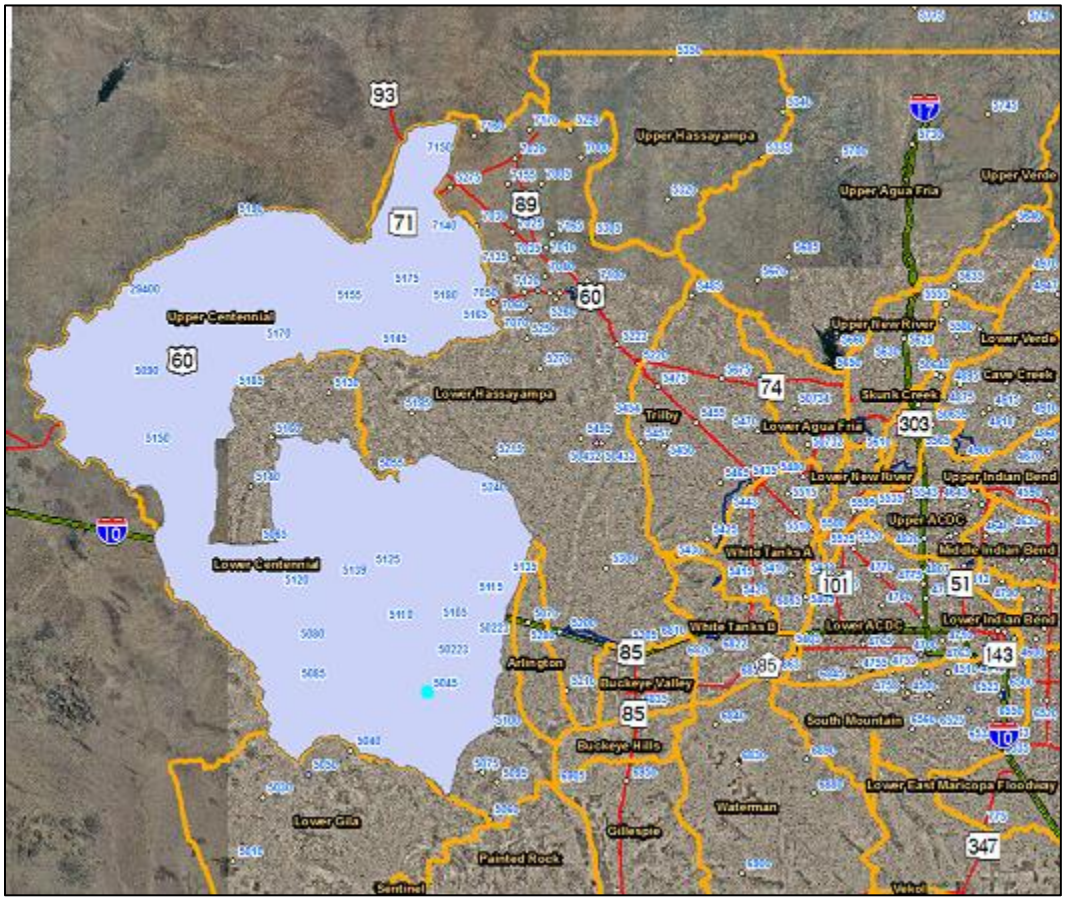
Centennial Railroad, ID #24707

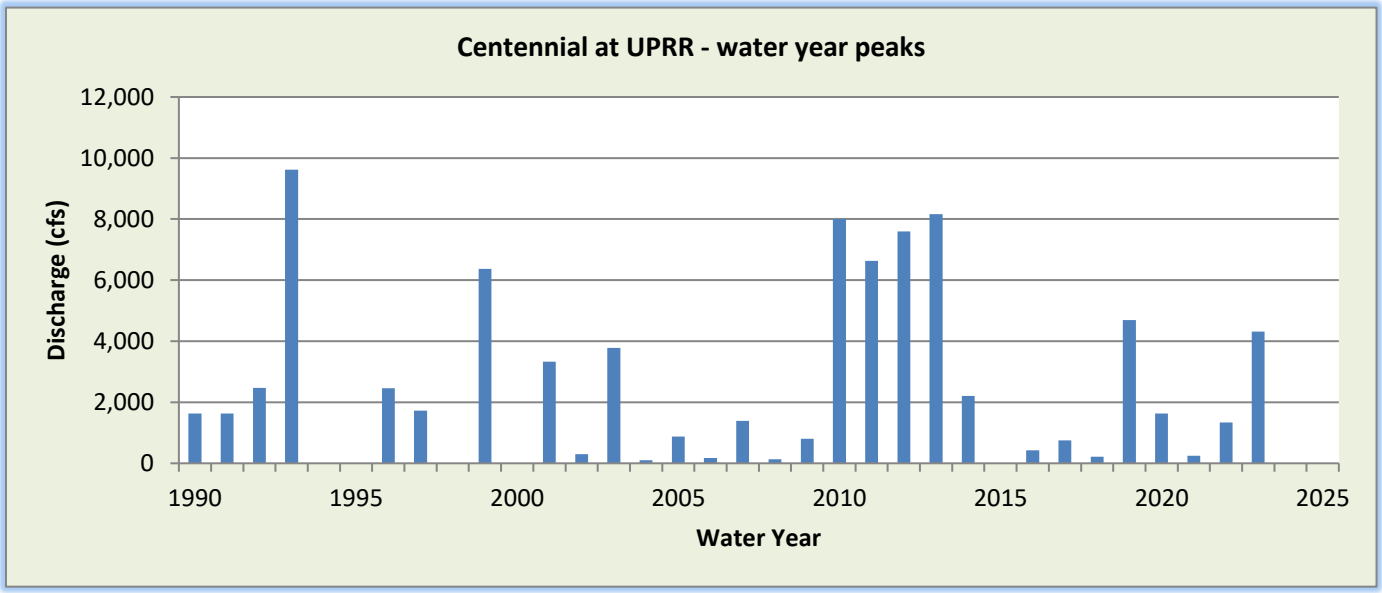


Site Data

LOCATION	Located about 6 miles west of Arlington
DRAINAGE AREA	1,681 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
ARIZONA STATE PLANE	E 404871 | N 841671
USGS QUAD SHEET	Gillespie 7.5-Minute
STREAMGAGE INSTALLATION DATE	02/09/1990 – WY 1990
PERIOD OF AVAILABLE DATA RECORD	02/09/1990 – Current
LENGTH OF AVAILABLE DATA RECORD	33.64 Years | 12,287 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	4.95 feet Gage Height
STAFF GAGES	2
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	839.038 feet NAVD88
POINT OF ZERO FLOW	5.3 feet Gage Height (about 100 feet downstream)
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

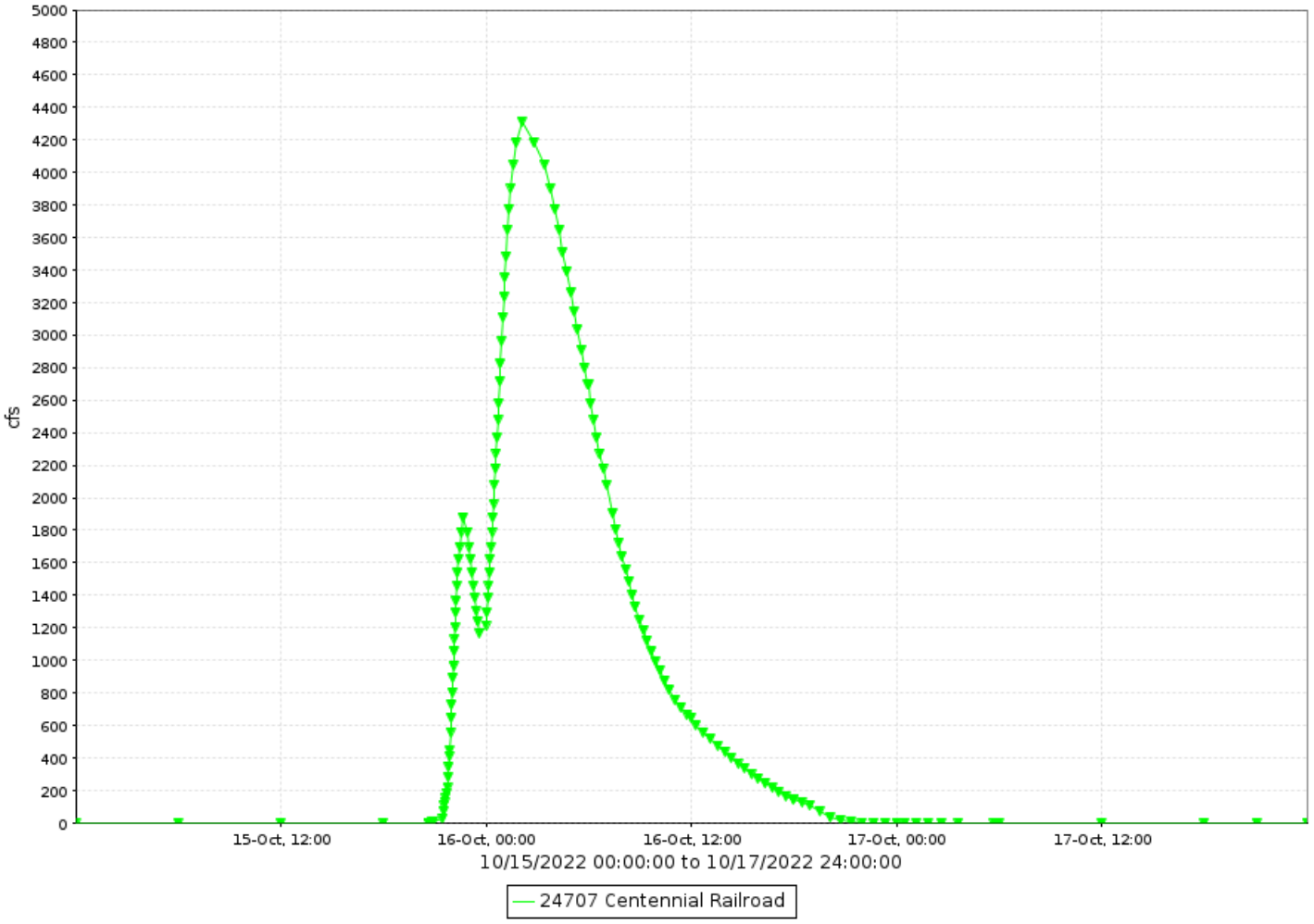




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
10/16	13.00	4315

Hydrograph of peak WY 2023 flow event, 10/16/2022



Centennial Railroad, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

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	126											
16	1328											
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	1455	0	0	0	0	0	0	0	0	0	0	0
MEAN	47	0	0	0	0	0	0	0	0	0	0	0
MAX	4315	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	2885	0	0	0	0	0	0	0	0	0	0	0

WTR YR 2023 TOTAL 1455 MEAN 4 MAX 4315 MIN 0 AC_FT 2885

Centennial Tributary at Dobbins Road, ID #22807

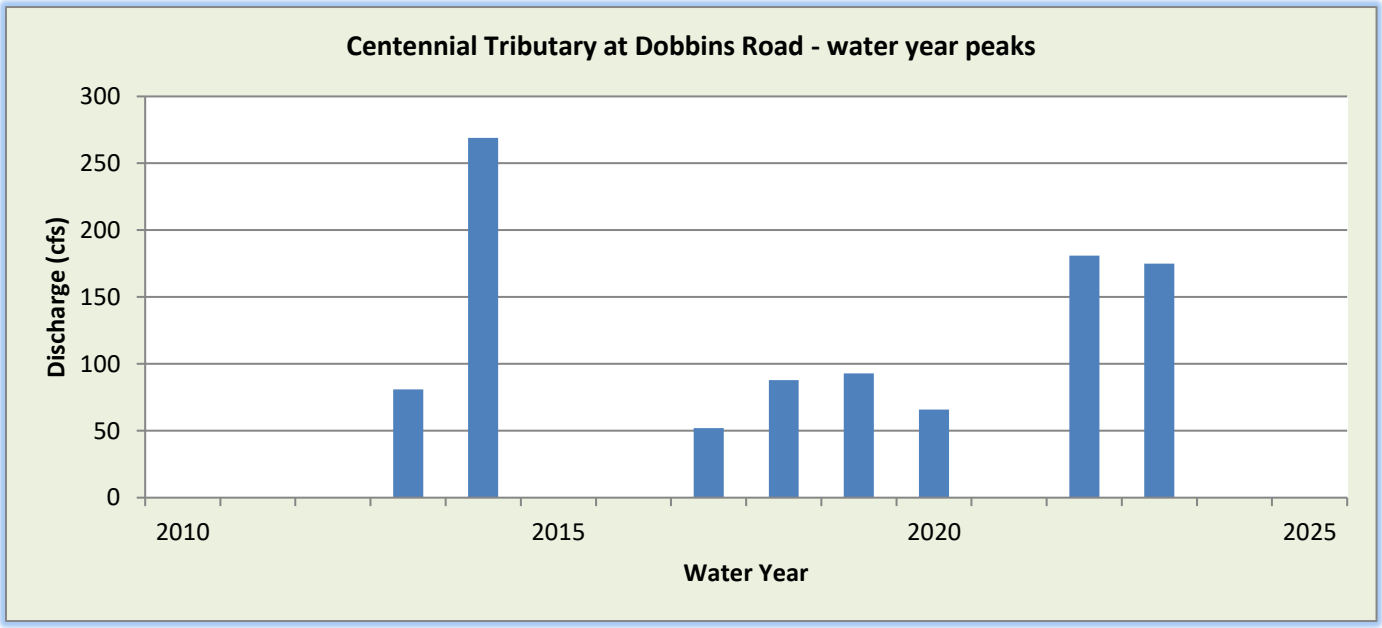


Site Data

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
ARIZONA STATE PLANE	E 371310 | N 861537
USGS QUAD SHEET	Gillespie 7.5-Minute
STREAMGAGE INSTALLATION DATE	09/26/2012 – WY 2012
PERIOD OF AVAILABLE DATA RECORD	10/01/2012 – Current
LENGTH OF AVAILABLE DATA RECORD	11.00 Years | 4,017 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	1.20 feet Gage Height
STAFF GAGES	None
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	1,006.163 feet NAVD88
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	269 cfs | 2.82 feet | 03/01/2014

Watershed Map

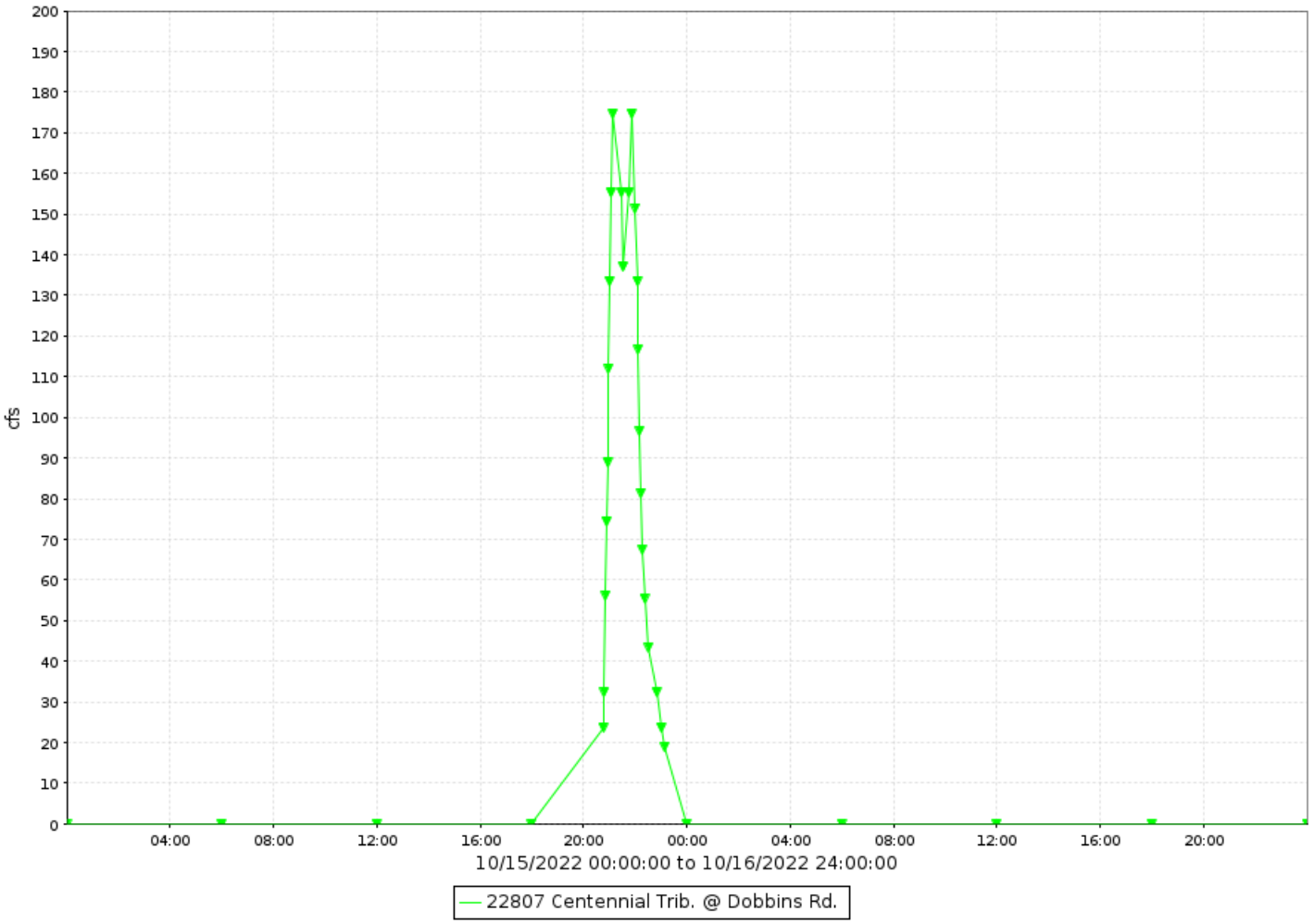




WY2023 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
10/15	2.42	175

Hydrograph of peak WY 2023 flow event, 10/15/2022



Centennial Tributary at Dobbins Road, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

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	11											
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---		1	---
TOTAL	11	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	175	0	0	0	0	0	0	0	0	0	22	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	21	0	0	0	0	0	0	0	0	0	2	0

WTR YR 2023 TOTAL 12 MEAN 0 MAX 175 MIN 0 AC_FT 24

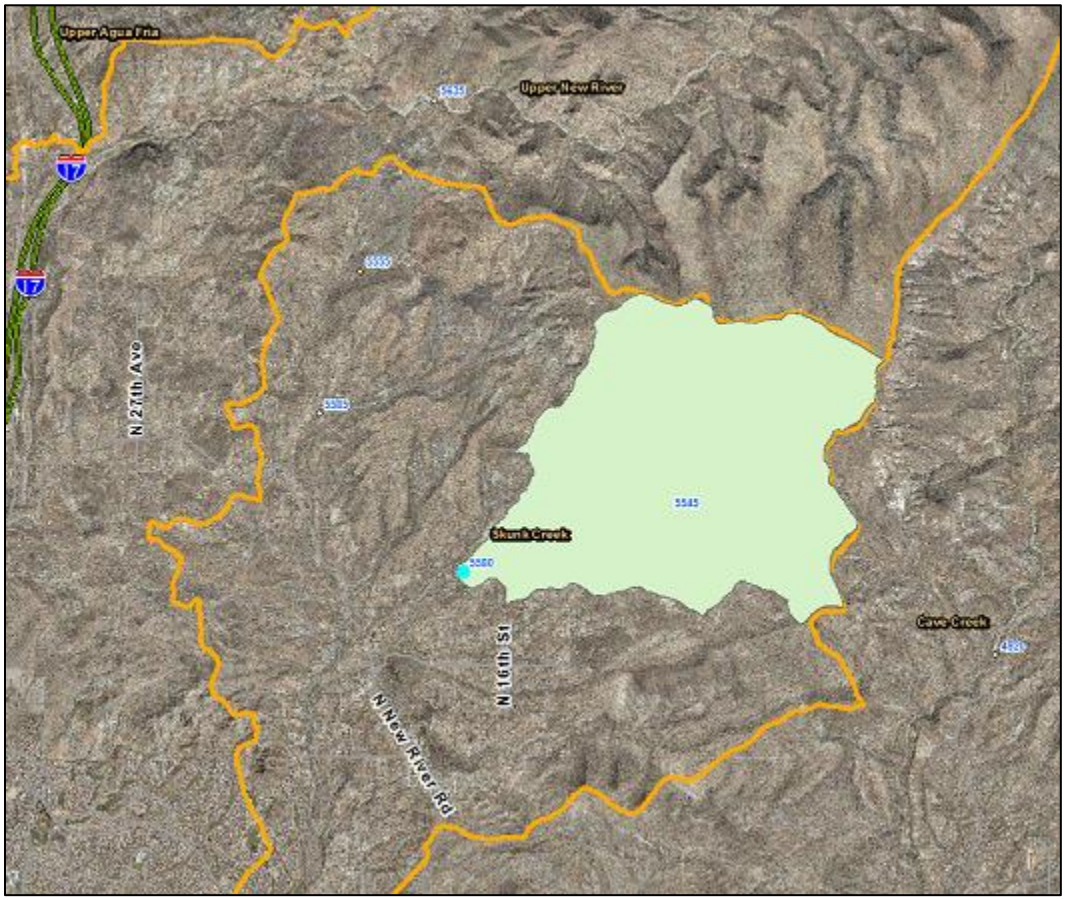
Cline Creek, ID #66007

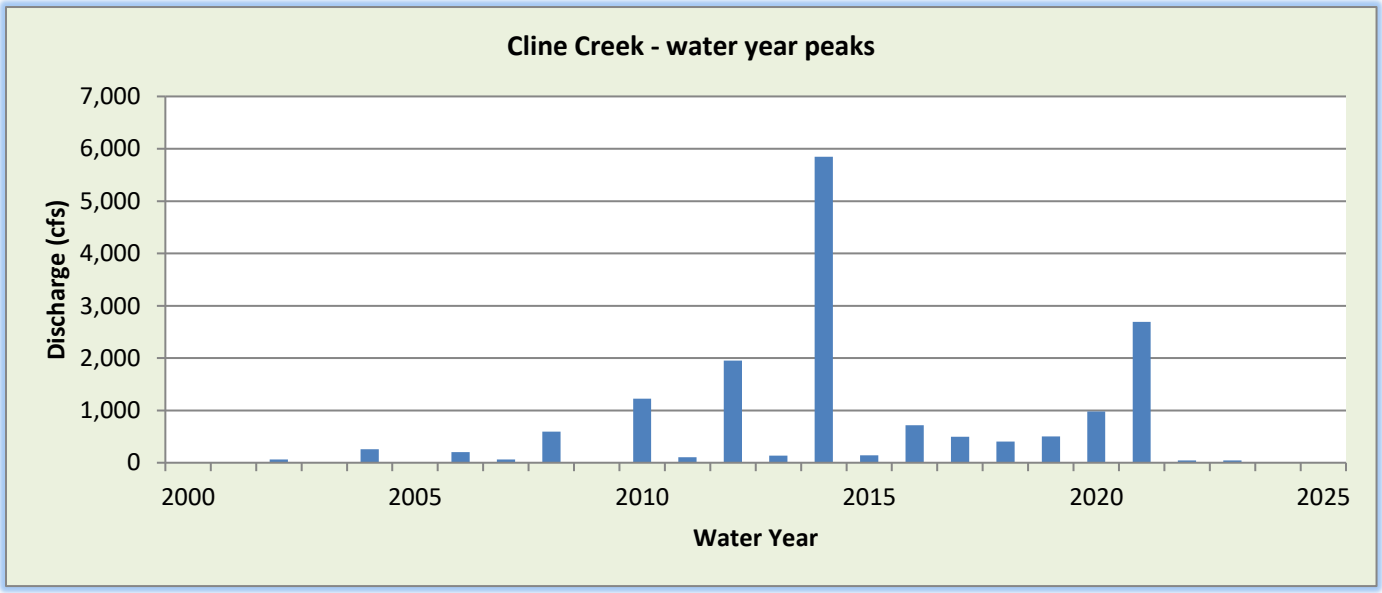


Site Data

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
ARIZONA STATE PLANE	E 658034 | N 1055380
USGS QUAD SHEET	Daisy Mountain 7.5-Minute
STREAMGAGE INSTALLATION DATE	11/20/2001 – WY 2002
PERIOD OF AVAILABLE DATA RECORD	11/20/2001 – Current
LENGTH OF AVAILABLE DATA RECORD	21.86 Years | 7,985 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.20 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	0
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

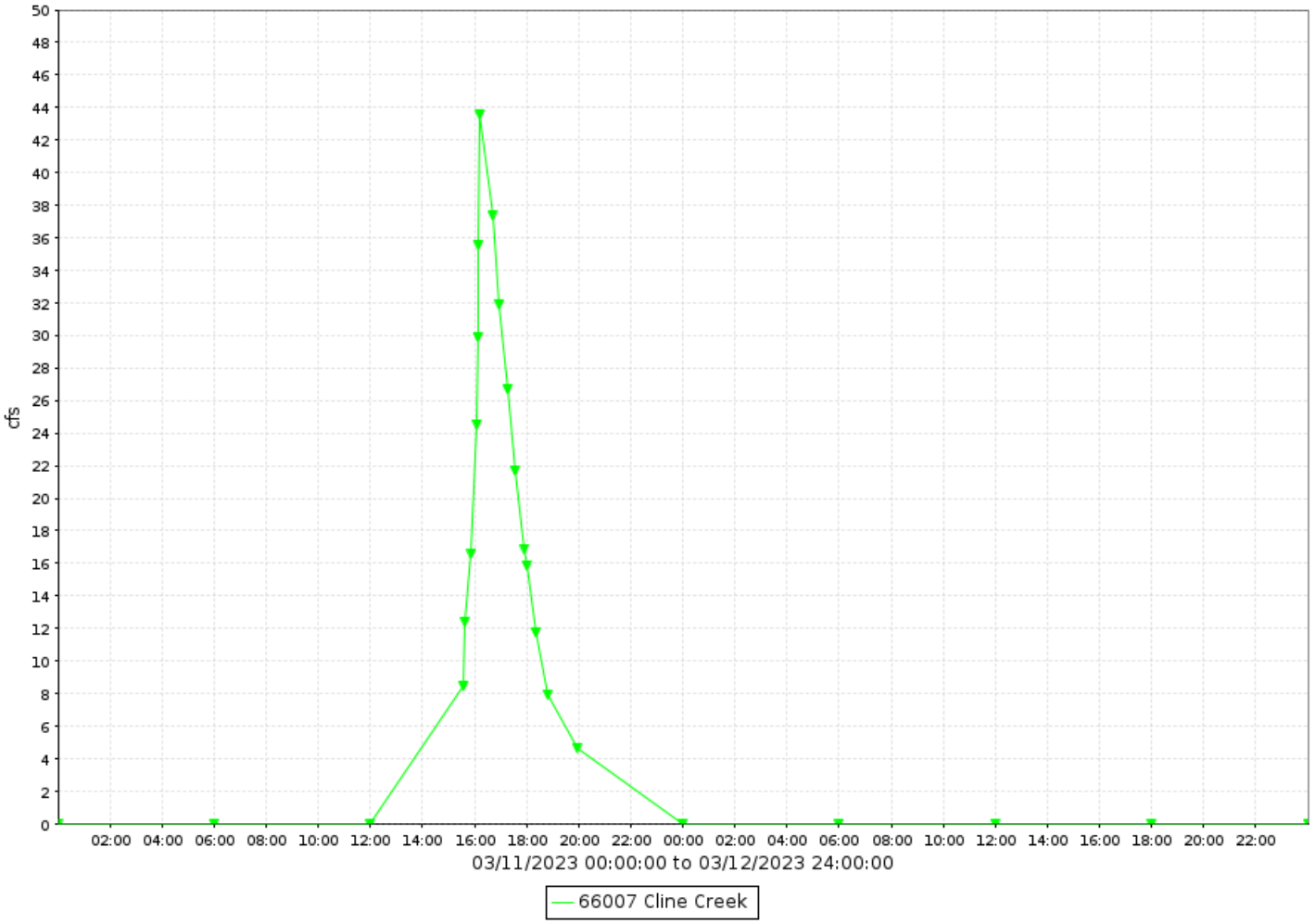




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
10/16	0.79	28
1/1	0.62	20
3/11	1.08	44
3/22	0.89	33

Hydrograph of peak WY 2023 flow event, 03/11/2023



Cline Creek, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				8		3						1
2				3		5						
3		2										
4												
5												
6												
7												
8												
9												
10												
11						4						
12												
13					2							
14					7							
15				4	2							
16	8			6								
17				4								
18												
19												
20												
21												
22						8						
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---	1		---		---		---		1	---
TOTAL	8	2	1	26	11	20	0	0	0	0	1	1
MEAN	0	0	0	1	0	1	0	0	0	0	0	0
MAX	28	12	5	20	16	44	0	0	0	0	12	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	16	5	2	51	22	41	0	0	0	0	2	3

WTR YR 2023 TOTAL 71 MEAN 0 MAX 44 MIN 0 AC_FT 141

Colter Channel at El Mirage Road, ID #85507

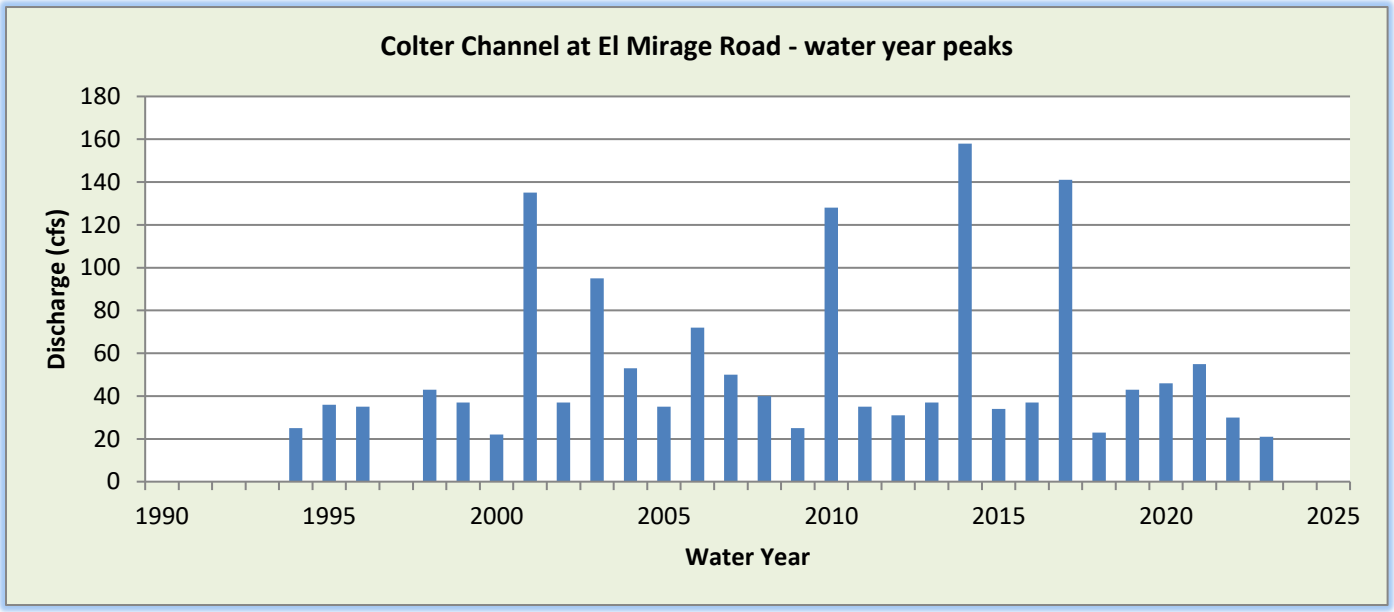


Site Data

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
PERIOD OF AVAILABLE DATA RECORD	06/29/1994 – Current
LENGTH OF AVAILABLE DATA RECORD	29.26 Years | 10,686 Days
GAPS IN RECORD	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	1,025.073 feet NAVD88
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	158 cfs | 1.52 feet | 09/08/2014

Watershed Map

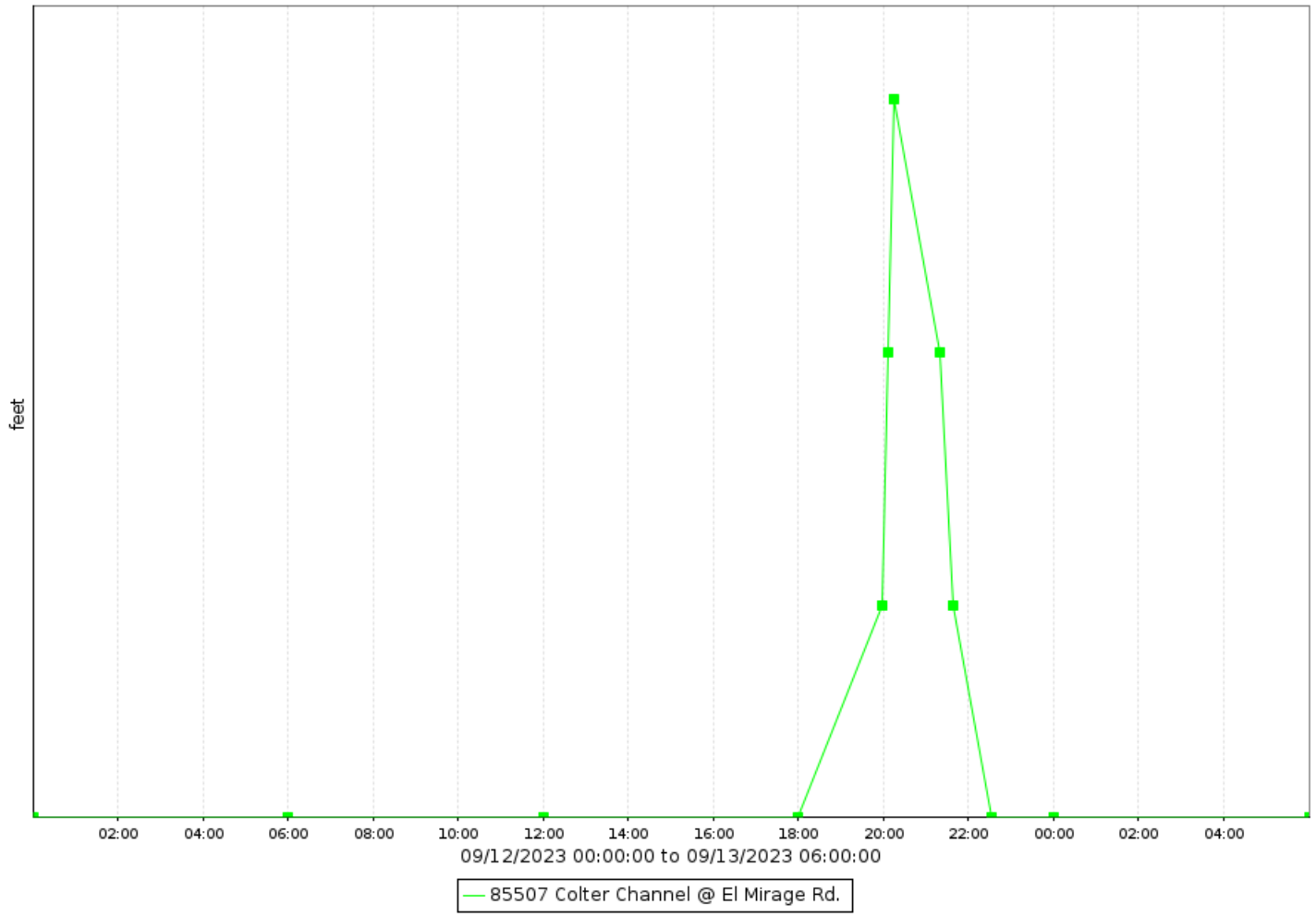




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
9/12	0.45	21

Hydrograph of peak WY 2023 flow event, 09/12/2023



Colter Channel, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

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												
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	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	21
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	0	0	0	0	0	0	3

WTR YR 2023 TOTAL 1 MEAN 0 MAX 21 MIN 0 AC_FT 3

Columbus Wash, ID #40807

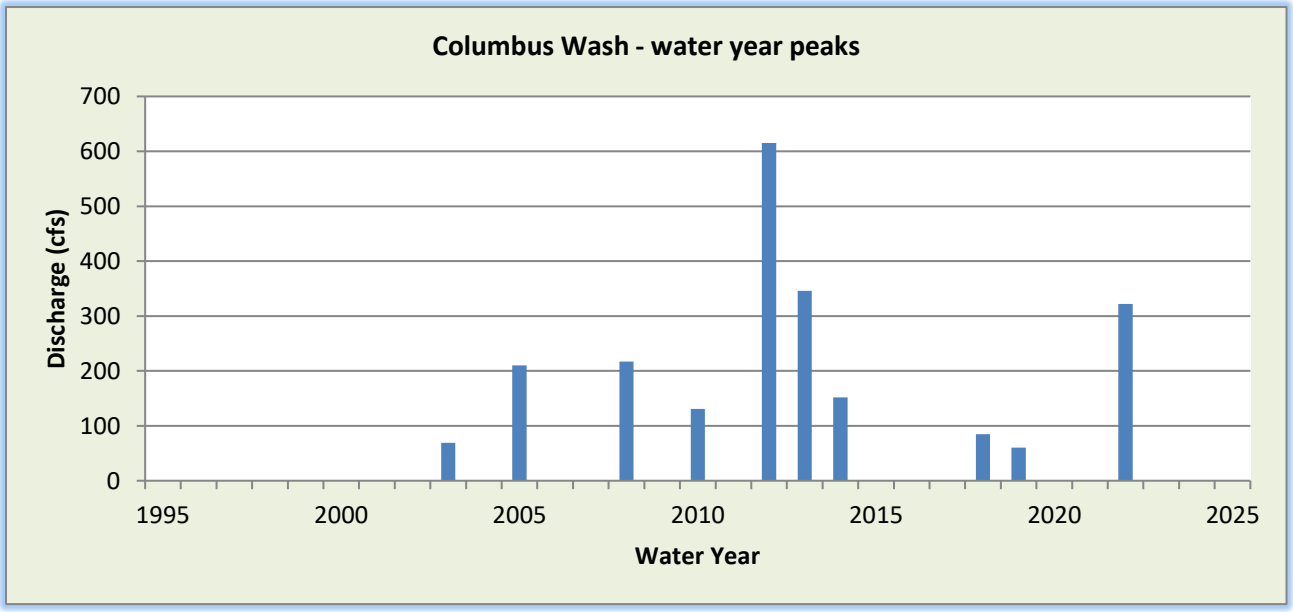


Site Data

LOCATION	Located at the east edge of Yuma County in the Hyder Valley
DRAINAGE AREA	21.6 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
ARIZONA STATE PLANE	E 266348 | N 771489
USGS QUAD SHEET	Hyder SE 7.5-Minute
STREAMGAGE INSTALLATION DATE	09/22/1999 – WY 1999
PERIOD OF AVAILABLE DATA RECORD	09/22/1999 – Current
LENGTH OF AVAILABLE DATA RECORD	24.03 Years | 8,775 Days
GAPS IN RECORD	12/18/2012 – 01/07/2013
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	1.95 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	713.583 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





WY2023 Events

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

Hydrograph of peak WY 2023 flow event

No runoff recorded during Water Year 2023.

Columbus Wash, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

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 2023 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

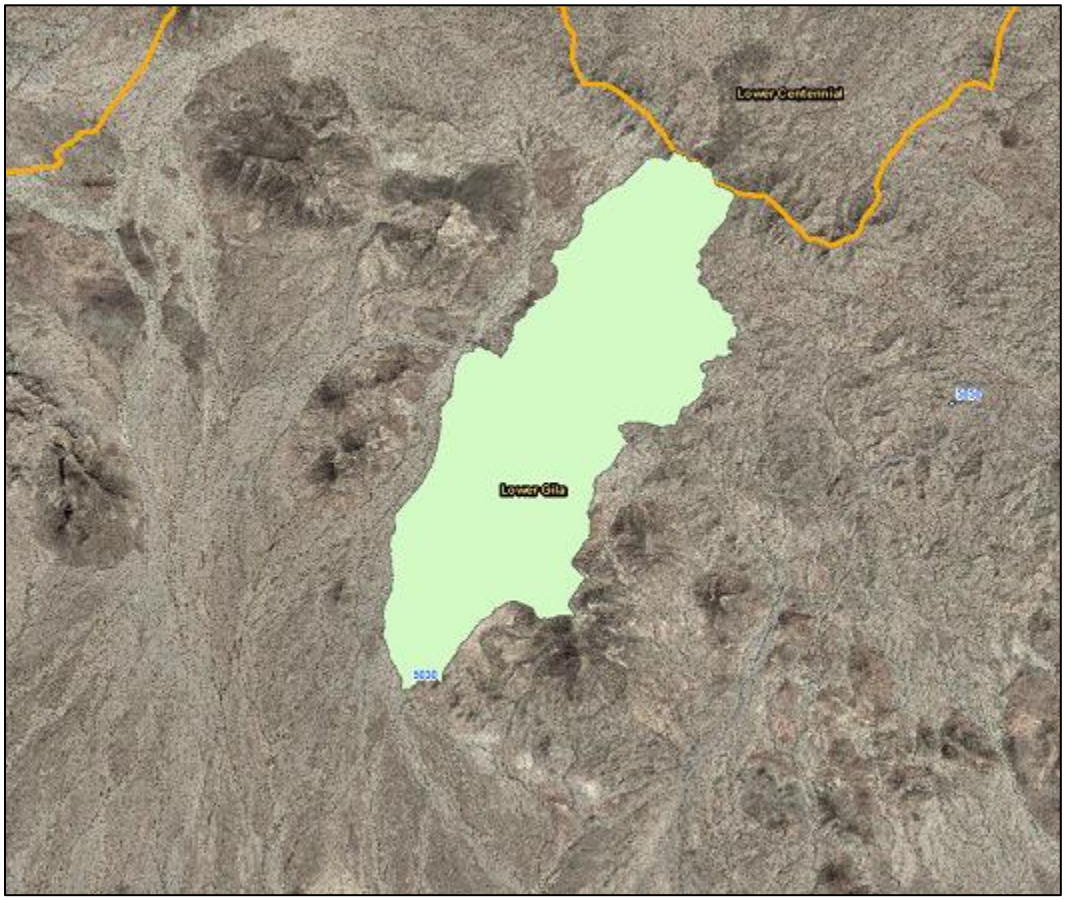
Copper Wash, ID #41007

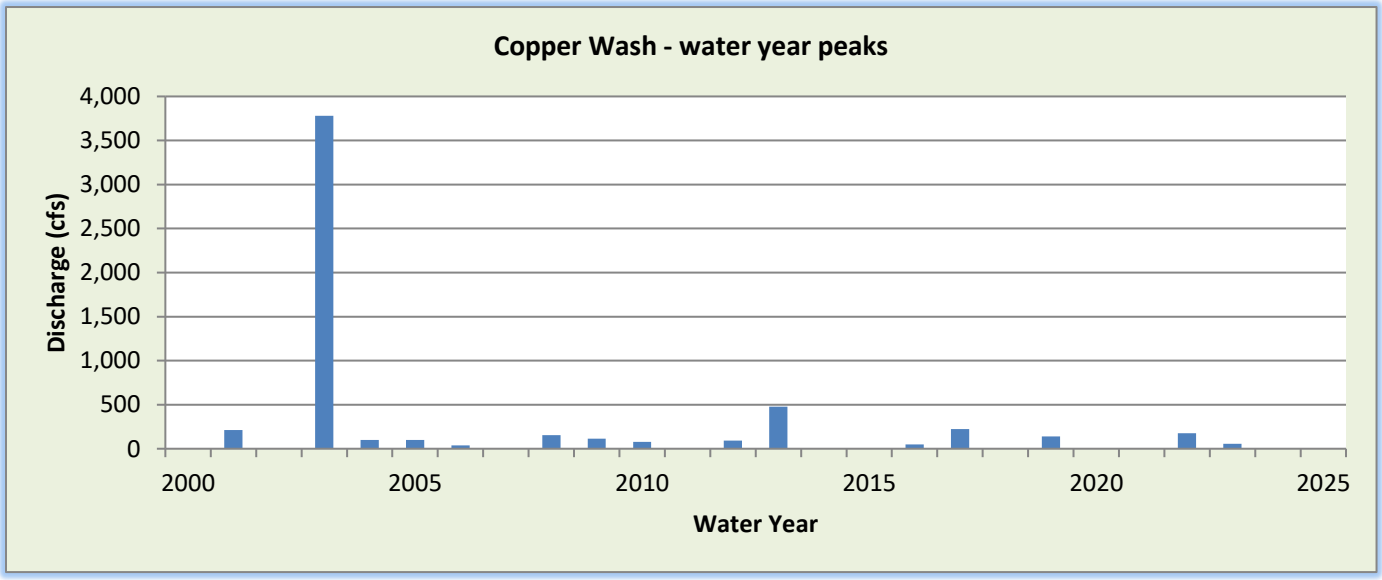


Site Data

LOCATION	Located in western Maricopa County near the Hyder Valley
DRAINAGE AREA	6.4 mi^2 (from USGS Streamstats)
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
ARIZONA STATE PLANE	E 281517 | N 805122
USGS QUAD SHEET	Hyder NE 7.5-Minute
STREAMGAGE INSTALLATION DATE	02/20/2001 – WY 2001
PERIOD OF AVAILABLE DATA RECORD	02/20/2001 – Current
LENGTH OF AVAILABLE DATA RECORD	22.61 Years | 8,258 Days
GAPS IN RECORD	08/27/2003 – 09/04/2003
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.80 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	1,064.00 feet NAVD88
POINT OF ZERO FLOW	0.3 feet Gage Height
EXTREME FOR PERIOD OF RECORD	3,780 cfs | 5.69 feet | 08/27/2003

Watershed Map

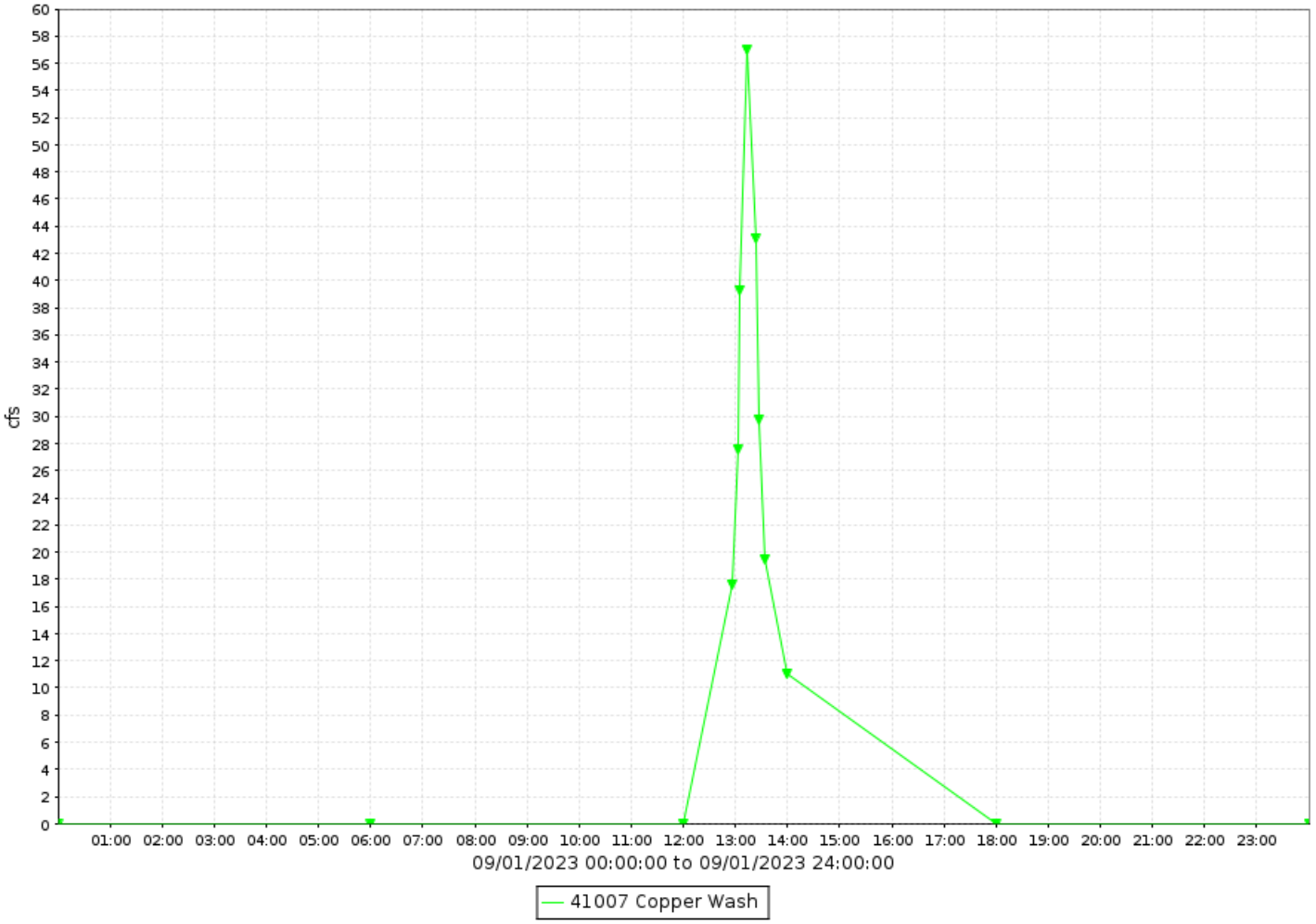




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
3/1	1.07	36
9/1	1.23	57

Hydrograph of peak WY 2023 flow event, 09/01/2023



Copper Wash, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1						5						3
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	5	0	0	0	0	0	3
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	0	0	36	0	0	0	0	0	57
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	9	0	0	0	0	0	6

WTR YR 2023 TOTAL 8 MEAN 0 MAX 57 MIN 0 AC_FT 16

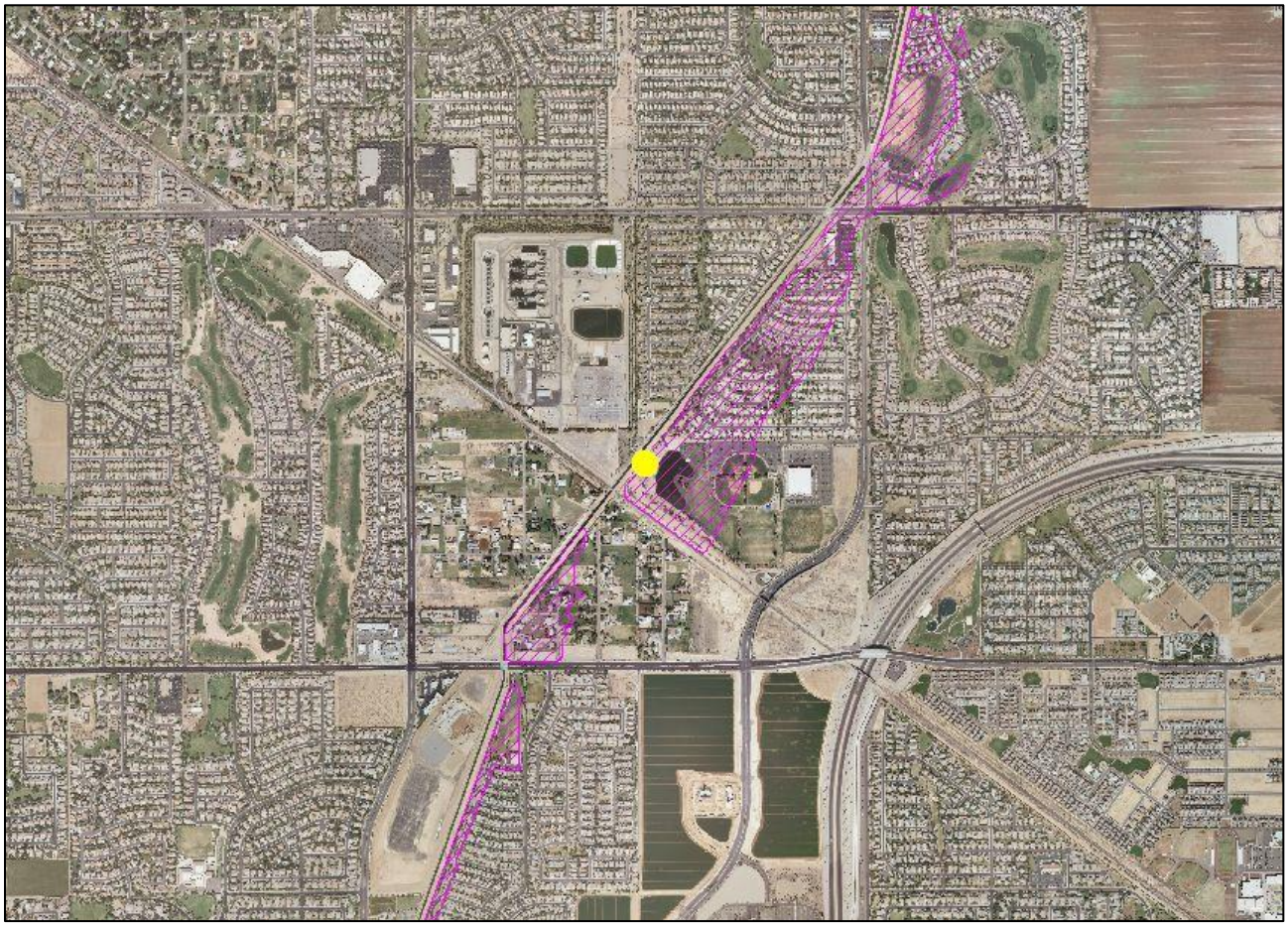
Crossroads Park Basin, ID #33007

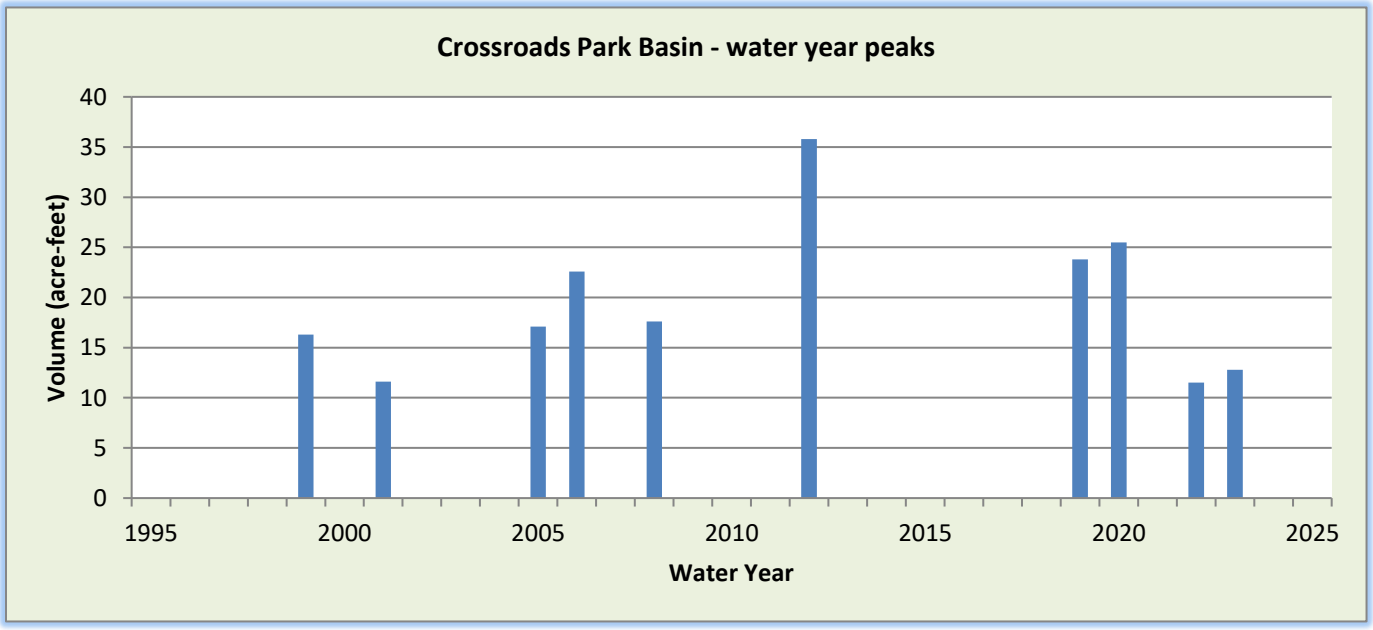


Site Data

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
ARIZONA STATE PLANE	E 751918 | N 846798
USGS QUAD SHEET	Higley 7.5-Minute
STREAMGAGE INSTALLATION DATE	12/18/1995 – WY 1996
PERIOD OF AVAILABLE DATA RECORD	12/18/1995 – Current
LENGTH OF AVAILABLE DATA RECORD	27.79 Years | 10,149 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	1.33 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,248.46 feet NAVD88
POINT OF ZERO FLOW	None – Pump Control
SPILLWAY CREST ELEVATION	22.3 feet Gage Height
TOP OF BASIN ELEVATION	23.3 feet Gage Height

Location Map

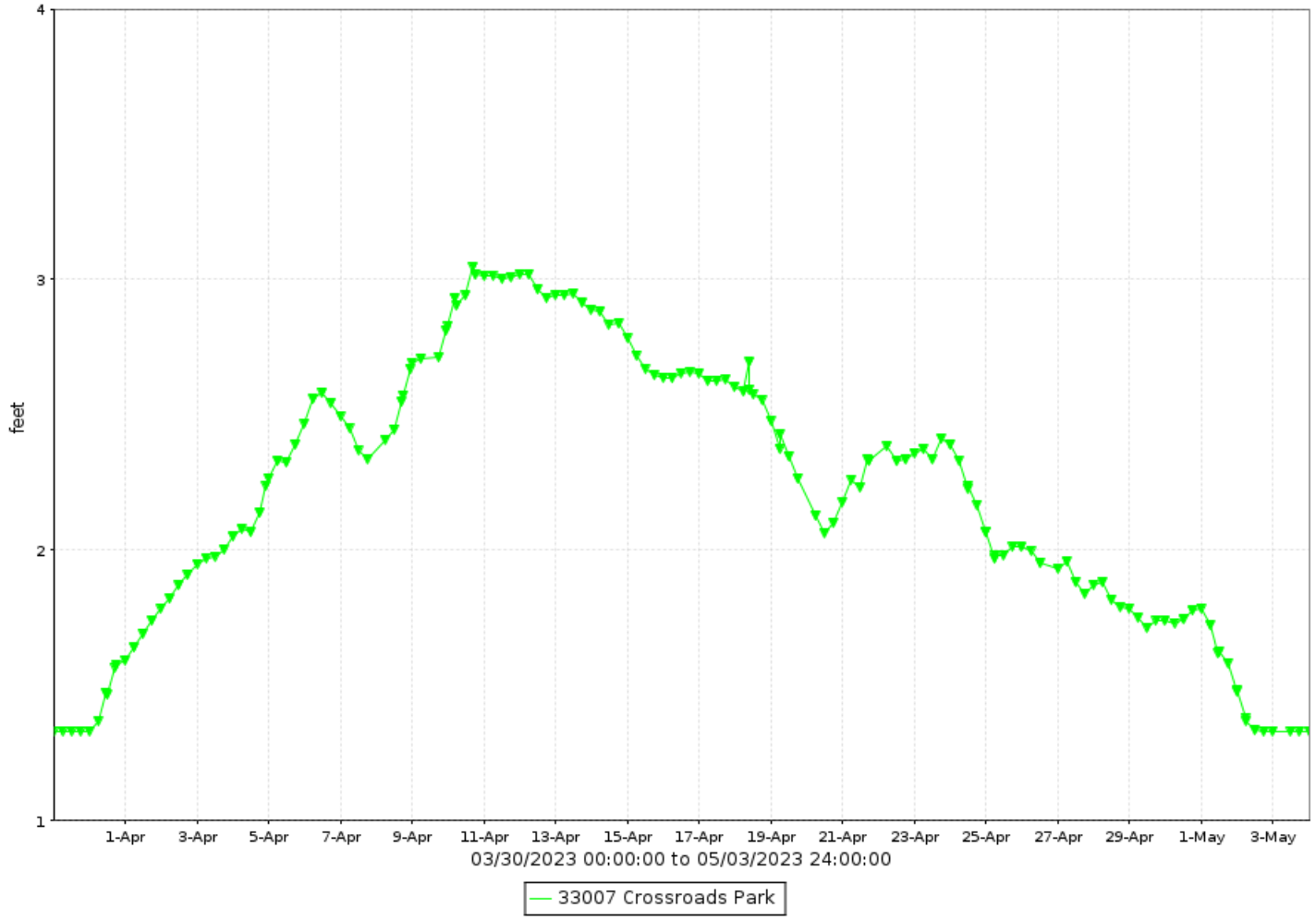




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
4/10	3.05	23.8	4.4

Hydrograph of peak 2023 impoundment event, 04/10/2023



Crossroads Park, volume data

Volume, in acre feet, Water Year October 2022 to September 2023

Daily Mean Values

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

WTR YR 2023 MEAN 2 MAX 24 MIN 0

Crossroads Park Basin, stage data

Depth, in feet, Water Year October 2022 to September 2023

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	1.7	1.7	1.3	1.3	1.3	1.3
2	---	1.3	1.3	1.3	1.3	1.3	1.8	1.4	1.3	1.3	1.3	1.3
3	---	1.3	1.3	1.3	1.3	1.3	2.0	1.3	1.3	1.3	1.3	1.3
4	1.3	1.3	1.3	1.3	1.3	1.3	2.1	1.3	1.3	1.3	1.3	1.3
5	1.3	1.3	1.3	1.3	1.3	1.3	2.3	1.3	1.3	1.3	1.3	1.3
6	1.3	1.3	1.3	1.3	1.3	1.3	2.5	1.3	1.3	1.3	1.3	1.3
7	1.3	1.3	1.3	1.3	1.3	1.3	2.4	1.3	1.3	1.3	1.3	1.3
8	1.3	1.3	1.3	1.3	1.3	1.3	2.4	1.3	1.3	1.3	1.3	1.3
9	1.3	1.3	1.3	1.3	1.3	1.3	2.7	1.3	1.3	1.3	1.3	1.3
10	---	---	1.3	1.3	1.3	1.3	2.9	1.3	1.3	1.3	1.3	1.3
11	0.0	2.3	1.3	1.3	1.3	1.3	3.0	1.3	1.3	1.3	1.3	1.3
12	1.3	1.6	1.3	1.3	1.3	1.3	3.0	1.3	1.3	1.3	1.3	1.3
13	1.3	1.3	1.3	1.3	1.3	1.3	2.9	1.3	1.3	1.3	1.3	1.3
14	1.3	1.3	1.3	1.3	1.3	1.3	2.9	1.3	1.3	1.3	1.3	1.3
15	1.3	1.3	1.3	1.3	1.3	1.3	2.7	1.3	1.3	1.3	1.3	1.3
16	1.3	1.3	1.3	1.3	1.3	1.3	2.6	1.3	1.3	1.3	1.3	1.3
17	1.3	1.3	1.3	1.3	1.3	1.3	2.6	1.3	1.3	1.3	1.3	1.3
18	1.3	1.3	1.3	1.3	1.3	1.3	2.6	1.3	1.3	1.3	1.3	1.3
19	1.3	1.3	1.3	1.3	1.3	1.3	2.4	1.3	1.3	1.3	1.3	1.3
20	1.3	1.3	1.3	1.3	1.3	1.3	2.1	1.3	1.3	1.3	1.3	1.3
21	---	1.3	1.3	1.3	1.3	1.3	2.3	1.3	1.3	1.3	1.3	1.3
22	1.3	1.3	1.3	1.3	1.3	1.3	2.3	1.3	1.3	1.3	1.3	1.3
23	1.3	1.3	1.3	1.3	1.3	1.3	2.4	1.3	1.3	1.3	1.3	1.4
24	1.3	1.3	1.3	1.3	1.3	1.3	2.3	1.3	1.3	1.3	1.3	1.3
25	1.3	1.3	1.3	1.3	1.3	0.0	2.0	1.3	1.3	1.3	1.3	1.3
26	1.3	1.3	1.3	1.3	1.3	1.3	2.0	1.3	1.3	1.3	1.3	1.3
27	1.3	1.3	1.3	1.3	1.3	1.3	1.9	1.3	1.3	1.3	1.3	1.3
28	1.3	1.3	1.3	1.3	1.3	1.3	1.8	1.3	1.3	1.3	1.3	1.3
29	1.3	1.3	1.3	1.3	---	1.3	1.7	1.3	1.3	1.3	1.3	1.3
30	1.3	1.3	1.3	1.3	---	1.3	1.7	1.3	1.3	1.3	1.3	1.3
31	1.3	---	1.3	1.3	---	1.4	---	1.3	---	1.3	1.3	---
MEAN	1.3	1.4	1.3	1.3	1.3	1.3	2.3	1.3	1.3	1.3	1.3	1.3
MAX	1.3	2.3	1.3	1.3	1.3	1.6	3.0	1.7	1.3	1.3	1.3	1.5
MIN	1.3	1.3	1.3	1.3	1.3	1.3	1.6	1.3	1.3	1.3	1.3	1.3

WTR YR 2023 MEAN 1.42 MAX 3.05 MIN 1.33

Cruff Wash, ID #23707

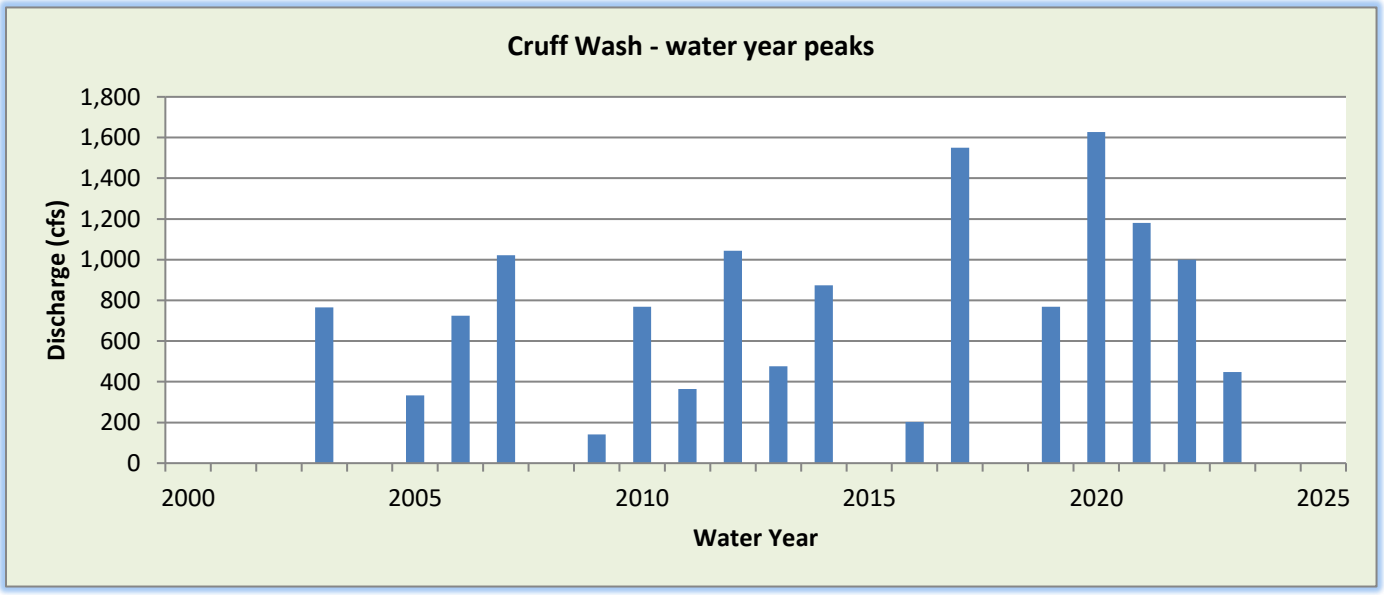


Site Data

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
ARIZONA STATE PLANE	E 404950 | N 820256
USGS QUAD SHEET	Woolsey Peak 7.5-Minute
STREAMGAGE INSTALLATION DATE	05/14/2002 – WY 2002
PERIOD OF AVAILABLE DATA RECORD	05/14/2002 – Current
LENGTH OF AVAILABLE DATA RECORD	21.38 Years | 7,810 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.60 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	937.356 feet NAVD88
POINT OF ZERO FLOW	0.8 feet Gage Height
EXTREME FOR PERIOD OF RECORD	1,627 cfs | 4.73 feet | 03/12/2020

Watershed Map

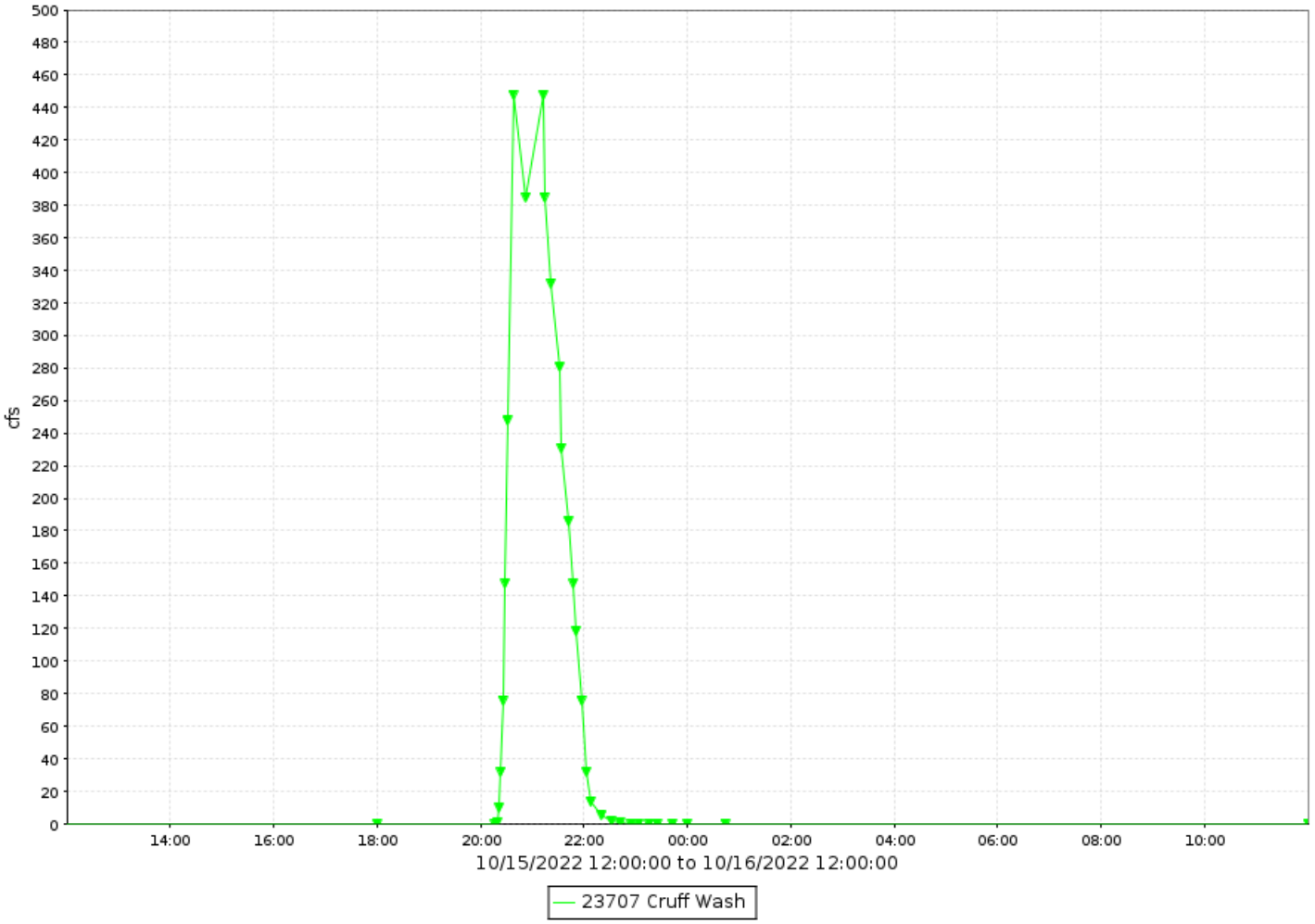




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
10/15	3.25	448
3/15	1.88	24

Hydrograph of peak WY 2023 flow event, 10/15/2022



Cruff Wash, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

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												
14												
15	20											
16												
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18												
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24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	20	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	448	0	0	0	0	24	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	40	0	0	0	0	1	0	0	0	0	0	0

WTR YR 2023 TOTAL 21 MEAN 0 MAX 448 MIN 0 AC_FT 41

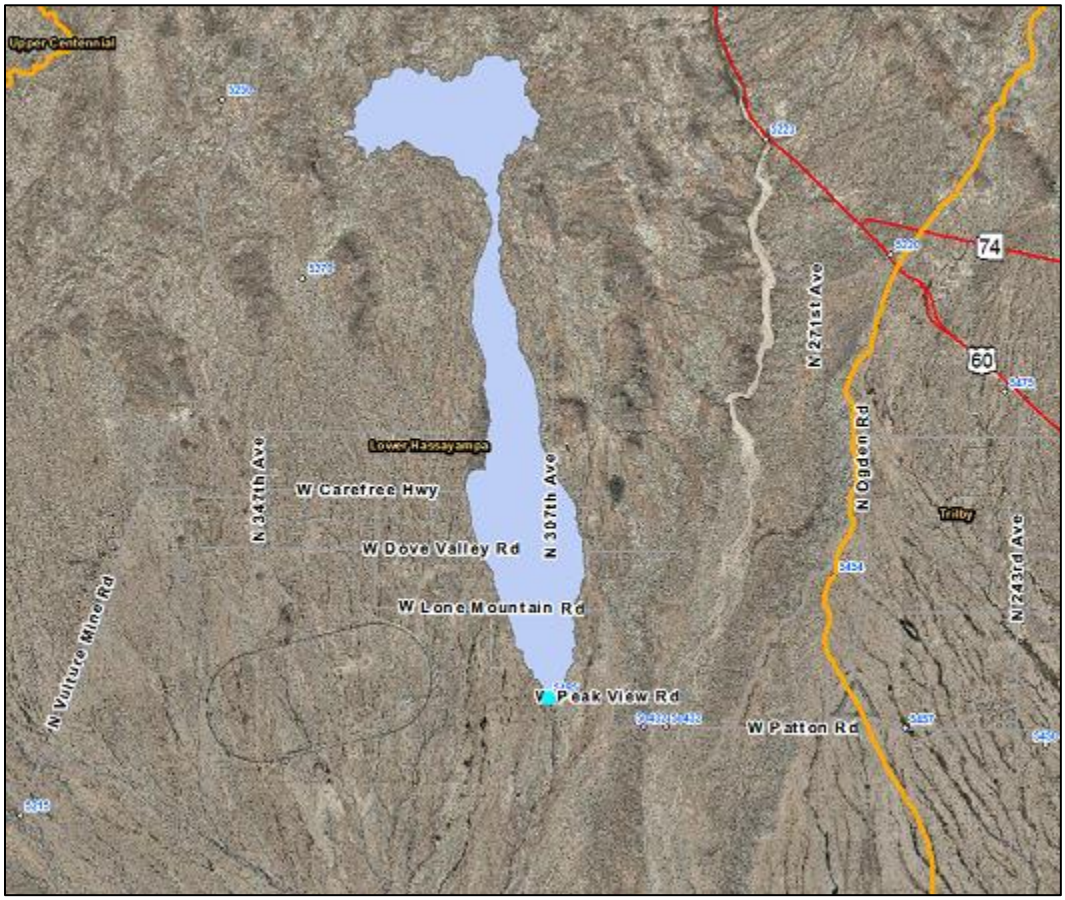
Daggs Wash, ID #48507

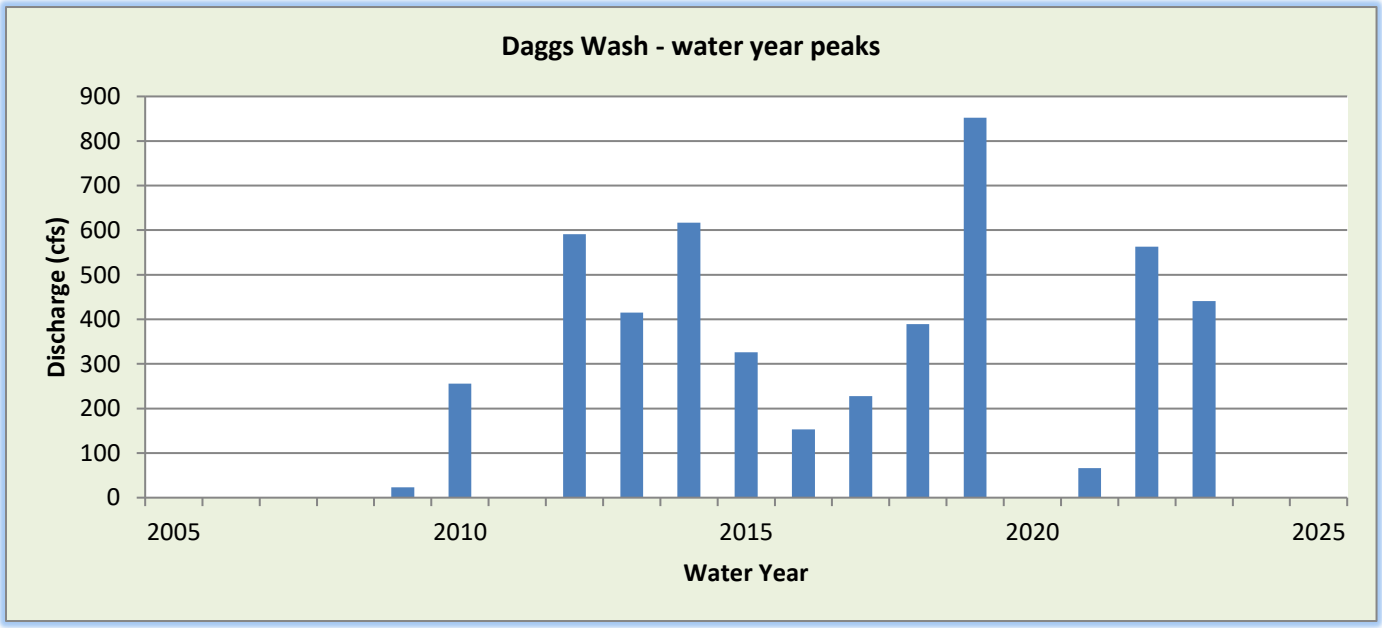


Site Data

LOCATION	Near 307th Avenue and Peak View Road
DRAINAGE AREA	12.9 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
ARIZONA STATE PLANE	E 454274 | N 999885
USGS QUAD SHEET	Daggs Tank 7.5-Minute
STREAMGAGE INSTALLATION DATE	11/08/2007 – WY 2008
PERIOD OF AVAILABLE DATA RECORD	11/08/2007 – Current
LENGTH OF AVAILABLE DATA RECORD	15.90 Years | 5,806 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.15 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,668.55 feet NAVD88
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	852 cfs | 2.74 feet Gage Height | 09/23/2019

Watershed Maps

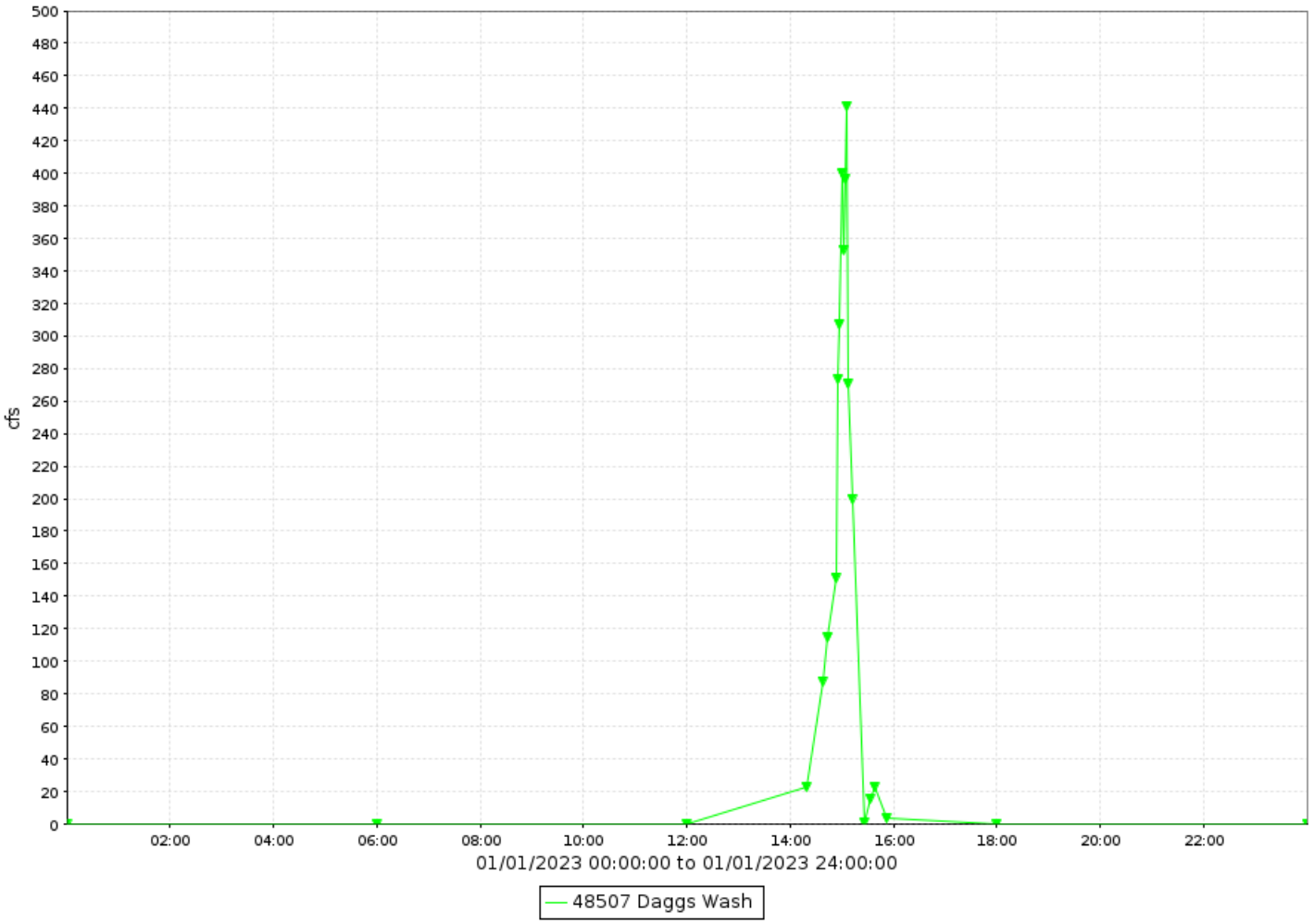




WY2023 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
1/1	1.60	441

Hydrograph of peak WY 2023 flow event, 01/01/2023



Daggs Wash, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				8								
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
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18												
19												
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21												
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23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	8	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	441	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	16	0	0	0	0	0	0	0	0

WTR YR 2023 TOTAL 8 MEAN 0 MAX 441 MIN 0 AC_FT 16

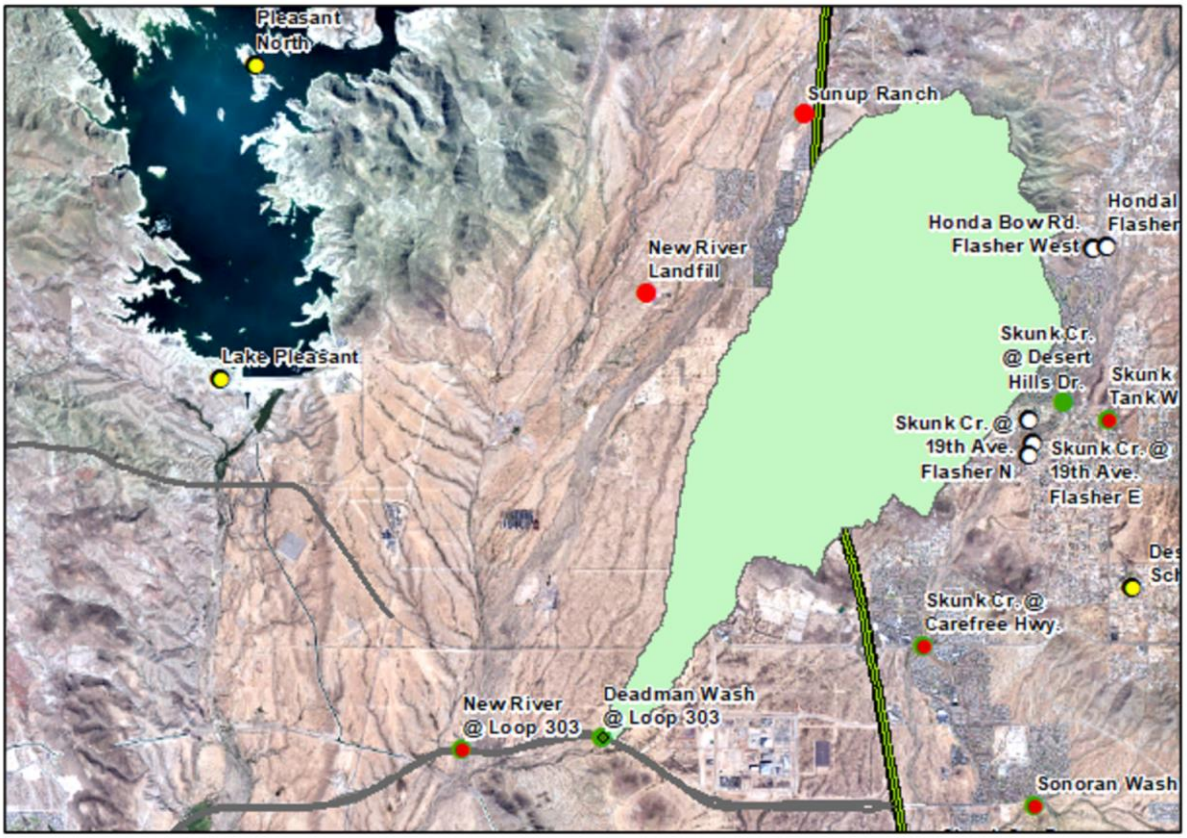
Deadman Wash @ Loop 303, ID #62107

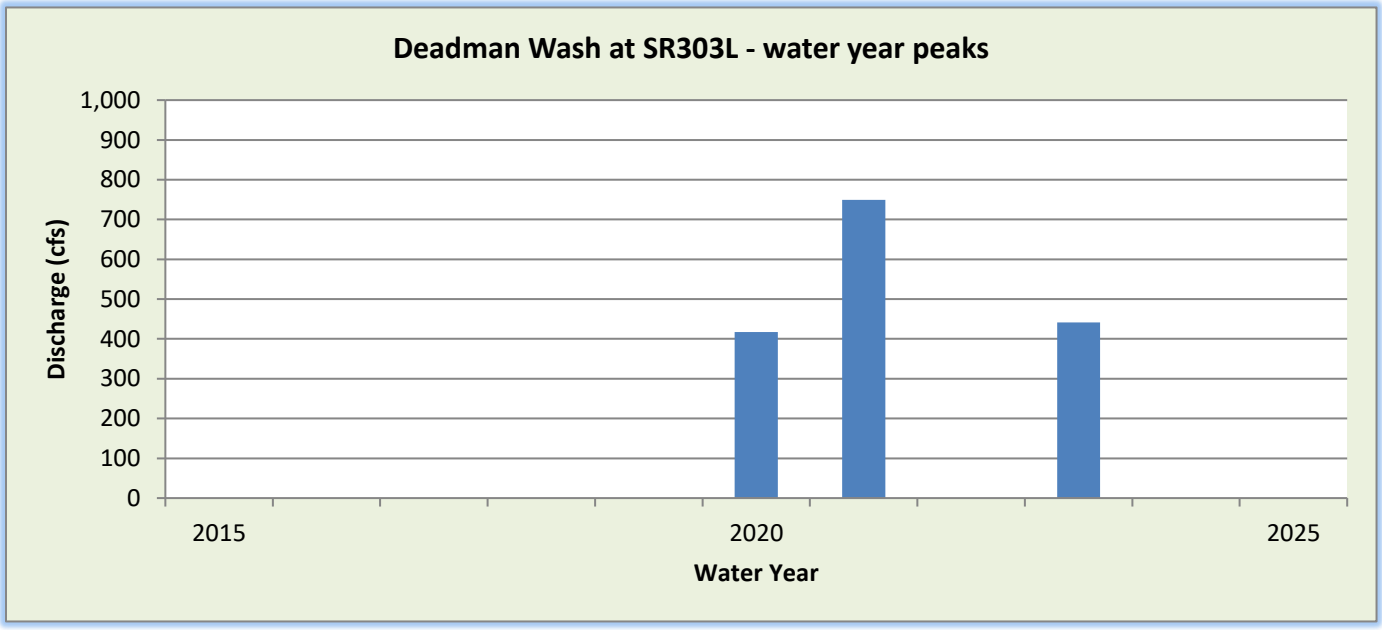


Site Data

LOCATION	On the eastbound Loop 303 bridge
DRAINAGE AREA	20.1 mi^2
STREAM TYPE	Natural Stream
JURISDICTION	Phoenix, Arizona
WATERSHED	Upper New River
SECTION/TOWNSHIP/RANGE	S18 T5N R2E
LATITUDE	N 33° 46’ 52.6” | +33.78128
LONGITUDE	W 112° 11’ 37.7” | -112.19381
ARIZONA STATE PLANE	E 615780 | N 1011920
USGS QUAD SHEET	Biscuit Flat 7.5-Minute
STREAMGAGE INSTALLATION DATE	10/17/2019 – WY 2020
PERIOD OF AVAILABLE DATA RECORD	10/17/2019 – Current
LENGTH OF AVAILABLE DATA RECORD	3.96 Years | 1,445 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.80 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	1,533.000 feet NAVD88
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	3,607 cfs | 3.28 feet Gage Height | 09/01/2023

Watershed Map

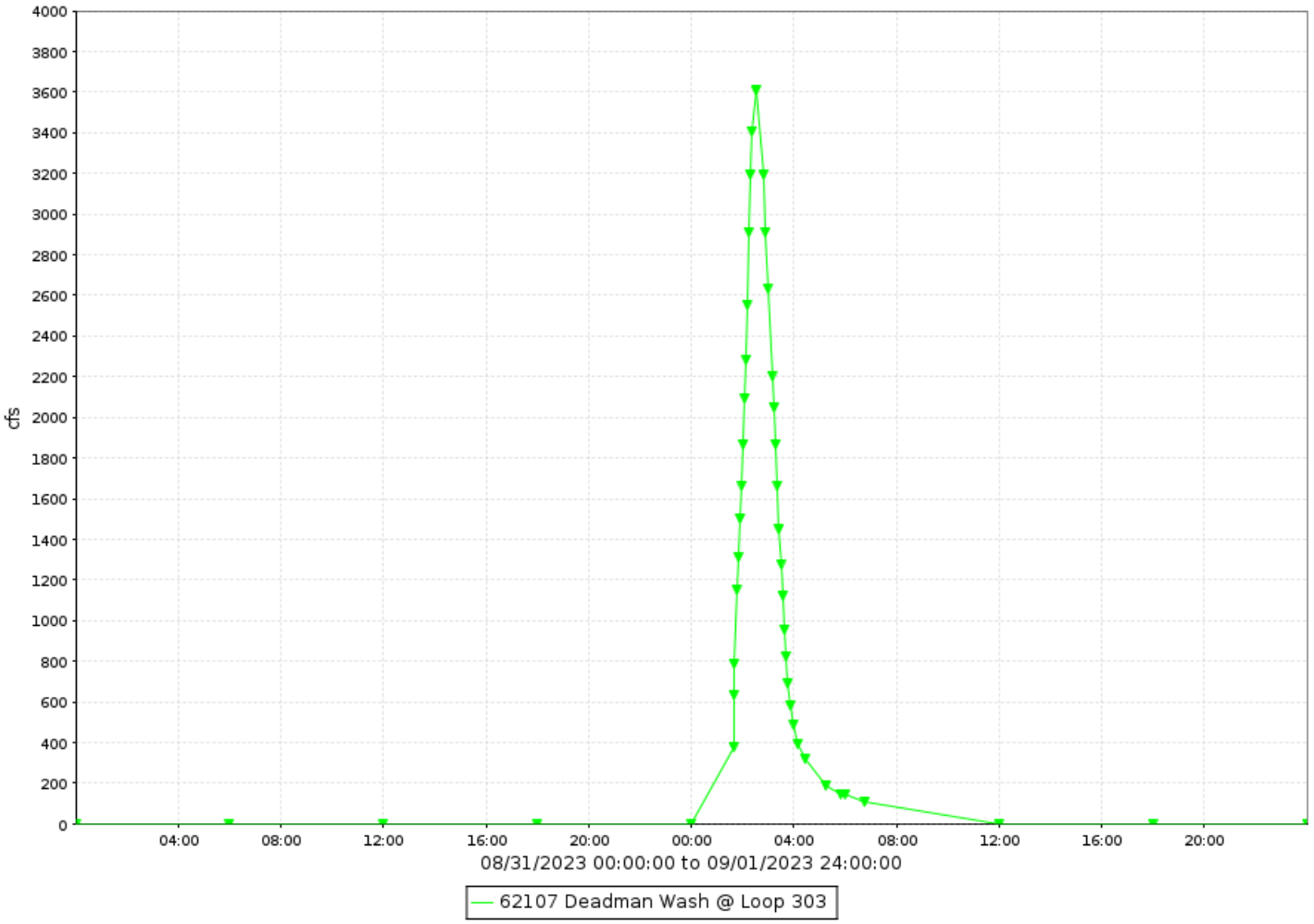




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
9/1	3.28	3607

Hydrograph of peak WY 2023 flow event, 09/01/2023



Deadman Wash at SR303L, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												257
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
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14												
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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	257
MEAN	0	0	0	0	0	0	0	0	0	0	0	9
MAX	0	0	0	0	0	0	0	0	0	0	0	3607
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	510

WTR YR 2023 TOTAL 257 MEAN 1 MAX 3607 MIN 0 AC_FT 510

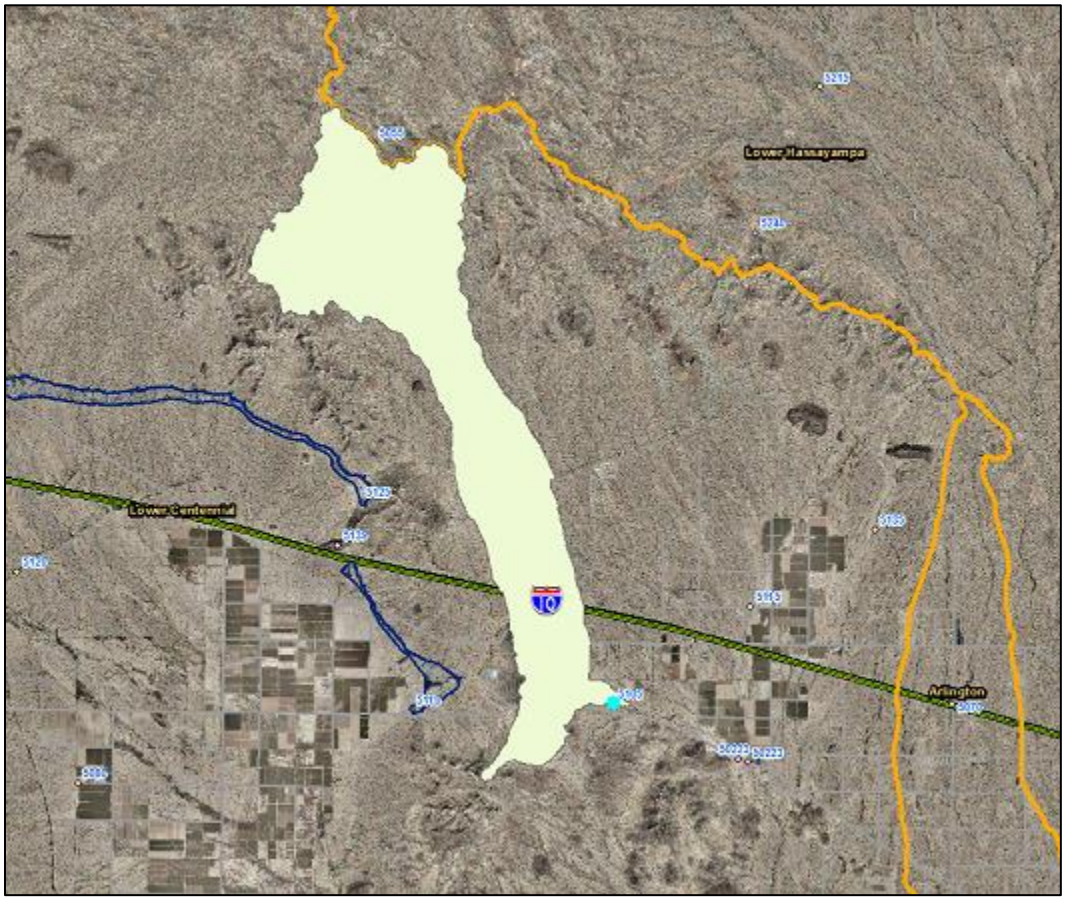
Delaney Wash, ID #25007

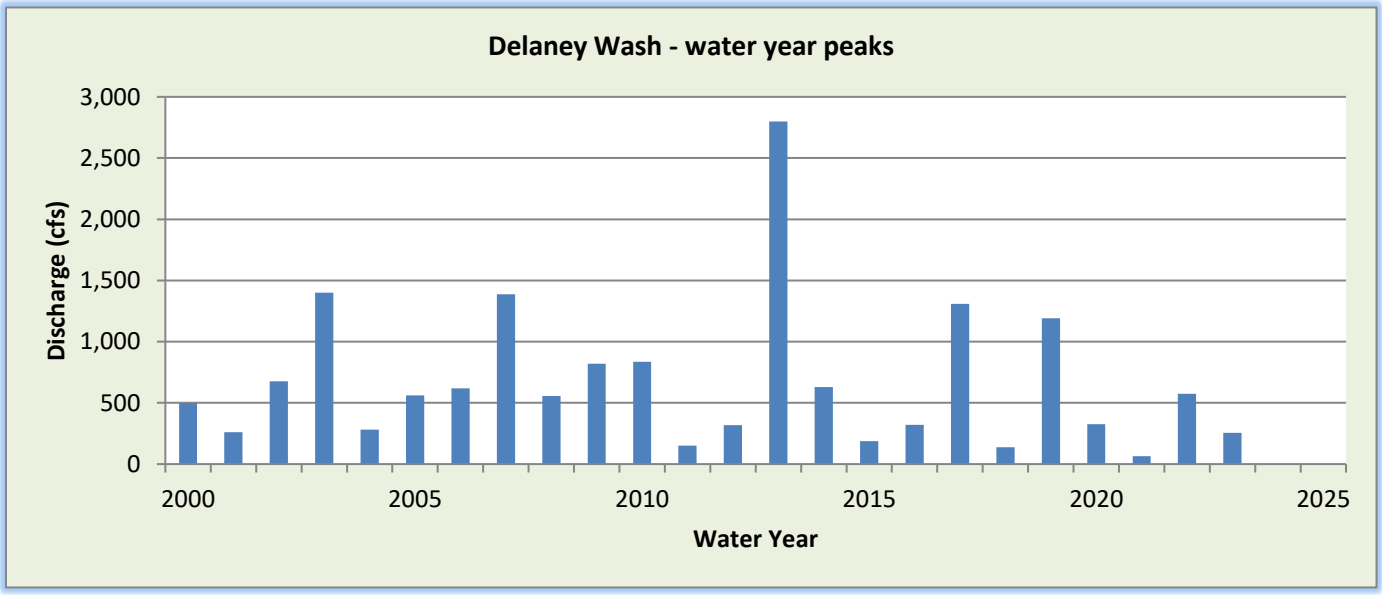


Site Data

LOCATION	Near Salome Road and 427th Avenue
DRAINAGE AREA	49.9 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
ARIZONA STATE PLANE	E 376615 | N 900113
USGS QUAD SHEET	Tonopah 7.5-Minute
STREAMGAGE INSTALLATION DATE	12/22/1999 – WY 2000
PERIOD OF AVAILABLE DATA RECORD	12/22/1999 – Current
LENGTH OF AVAILABLE DATA RECORD	23.78 Years | 8,684 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.00 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	1,112.030 feet NAVD88
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	2,800 cfs | 8.06 feet | 09/09/2013

Watershed Map

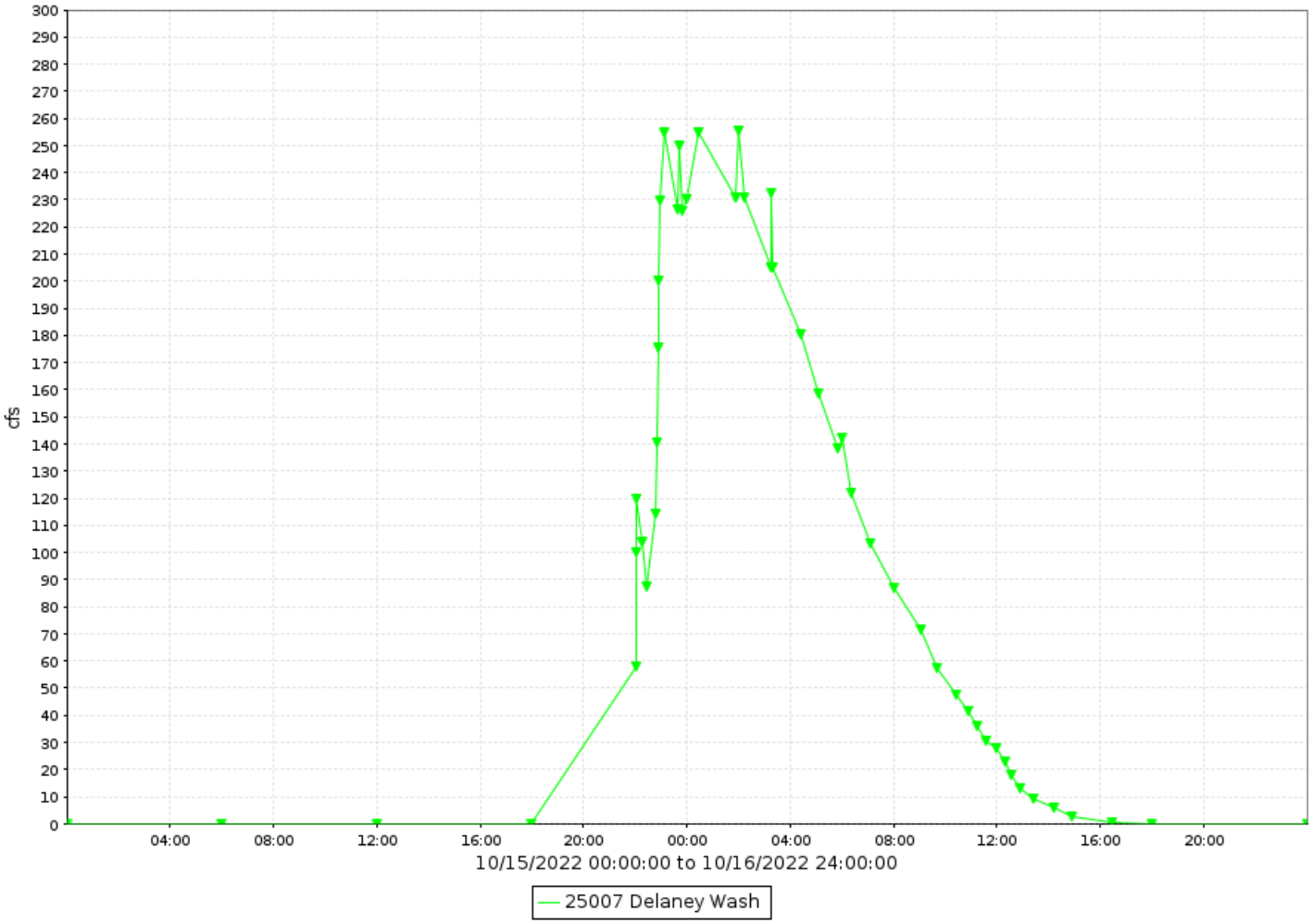




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
10/15	2.30	255

Hydrograph of peak WY 2023 flow event, 10/15/2023



Delaney Wash, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

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	15											
16	76											
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	90	0	0	0	0	0	0	0	0	0	0	0
MEAN	3	0	0	0	0	0	0	0	0	0	0	0
MAX	255	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	179	0	0	0	0	0	0	0	0	0	0	0

WTR YR 2023 TOTAL 90 MEAN 0 MAX 255 MIN 0 AC_FT 179

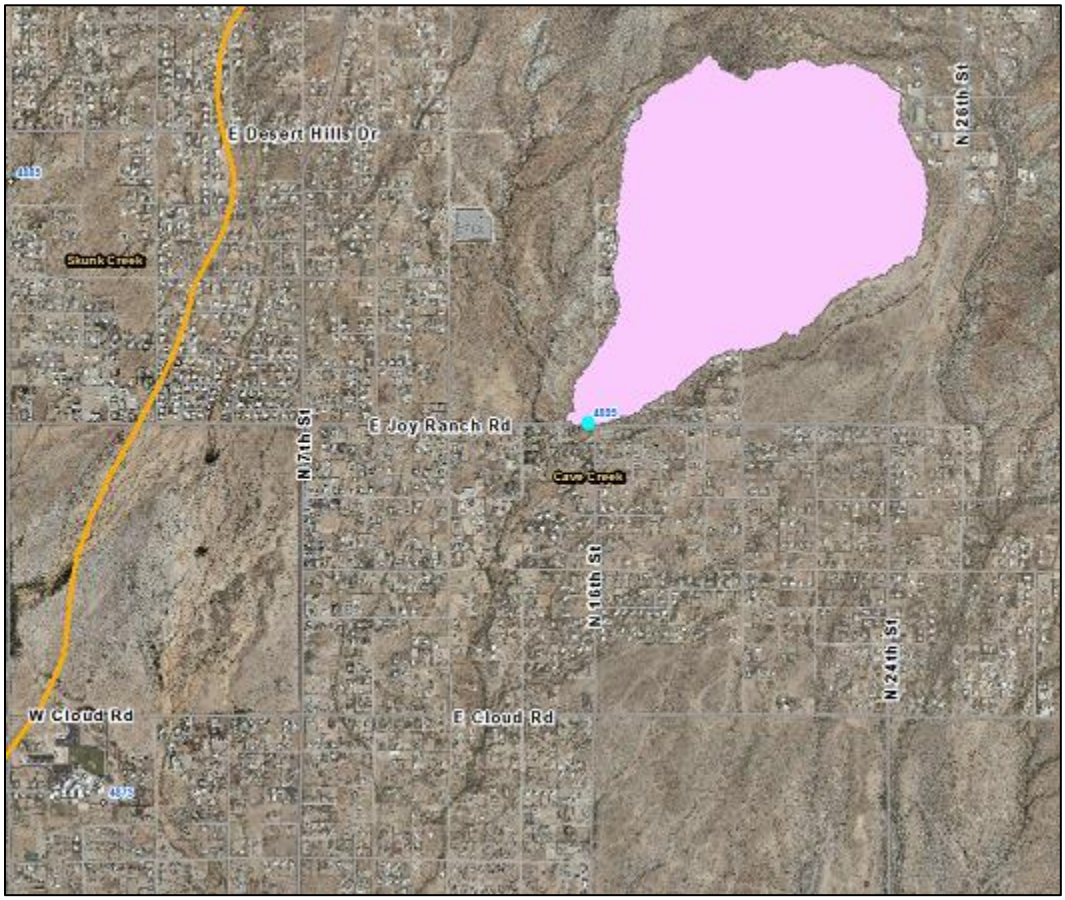
Desert Hills Wash, ID #19307

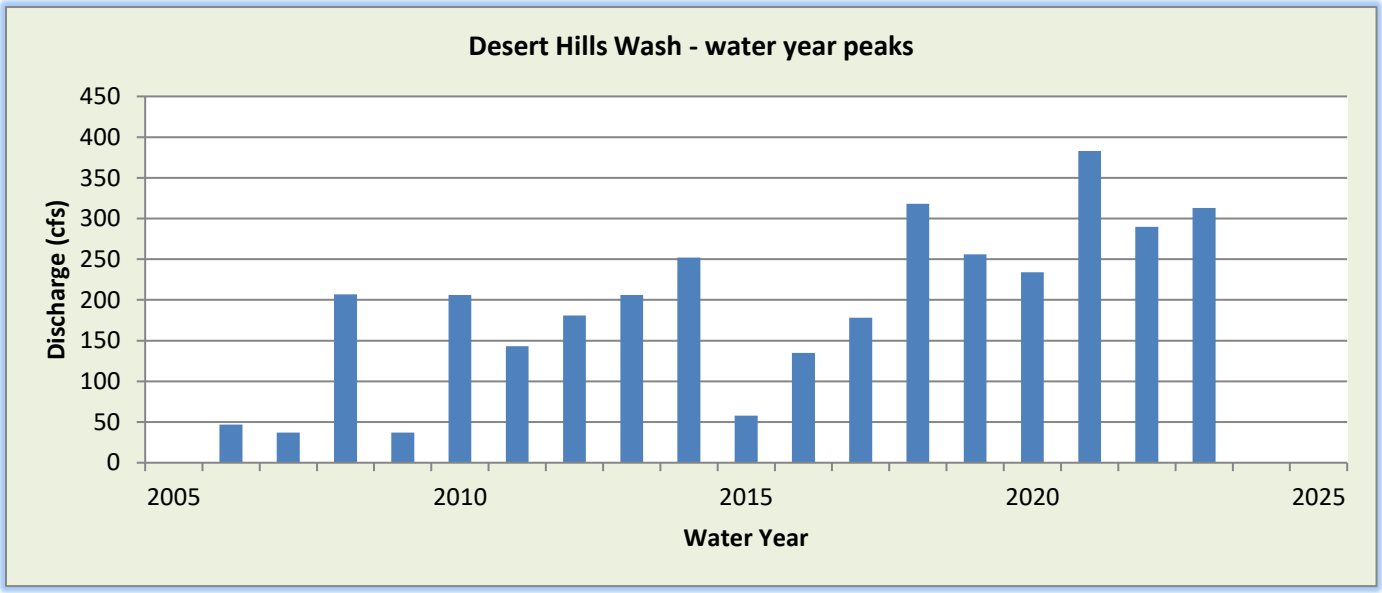


Site Data

LOCATION	**Located west of 16th Street, on Joy Ranch Road**
DRAINAGE AREA	**0.95 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**
ARIZONA STATE PLANE	**E 660010 | N 1028895**
USGS QUAD SHEET	**New River SE 7.5-Minute**
STREAMGAGE INSTALLATION DATE	**03/02/2006 – WY 2006**
PERIOD OF AVAILABLE DATA RECORD	**03/02/2006 – Current**
LENGTH OF AVAILABLE DATA RECORD	**17.58 Years | 6,442 Days**
GAPS IN RECORD	**None**
STAGE GAGE TYPE	**Pressure Transducer**
STAGE GAGE ELEVATION	**0.50 feet Gage Height**
STAFF GAGES	**0**
CREST STAGE GAGES	**1**
ZERO GAGE HEIGHT ELEVATION	**1,856.018 feet NAVD88**
POINT OF ZERO FLOW	**0.55 feet Gage Height**
EXTREME FOR PERIOD OF RECORD	**383 cfs | 6.21 feet | 07/23/2022**

Watershed Map

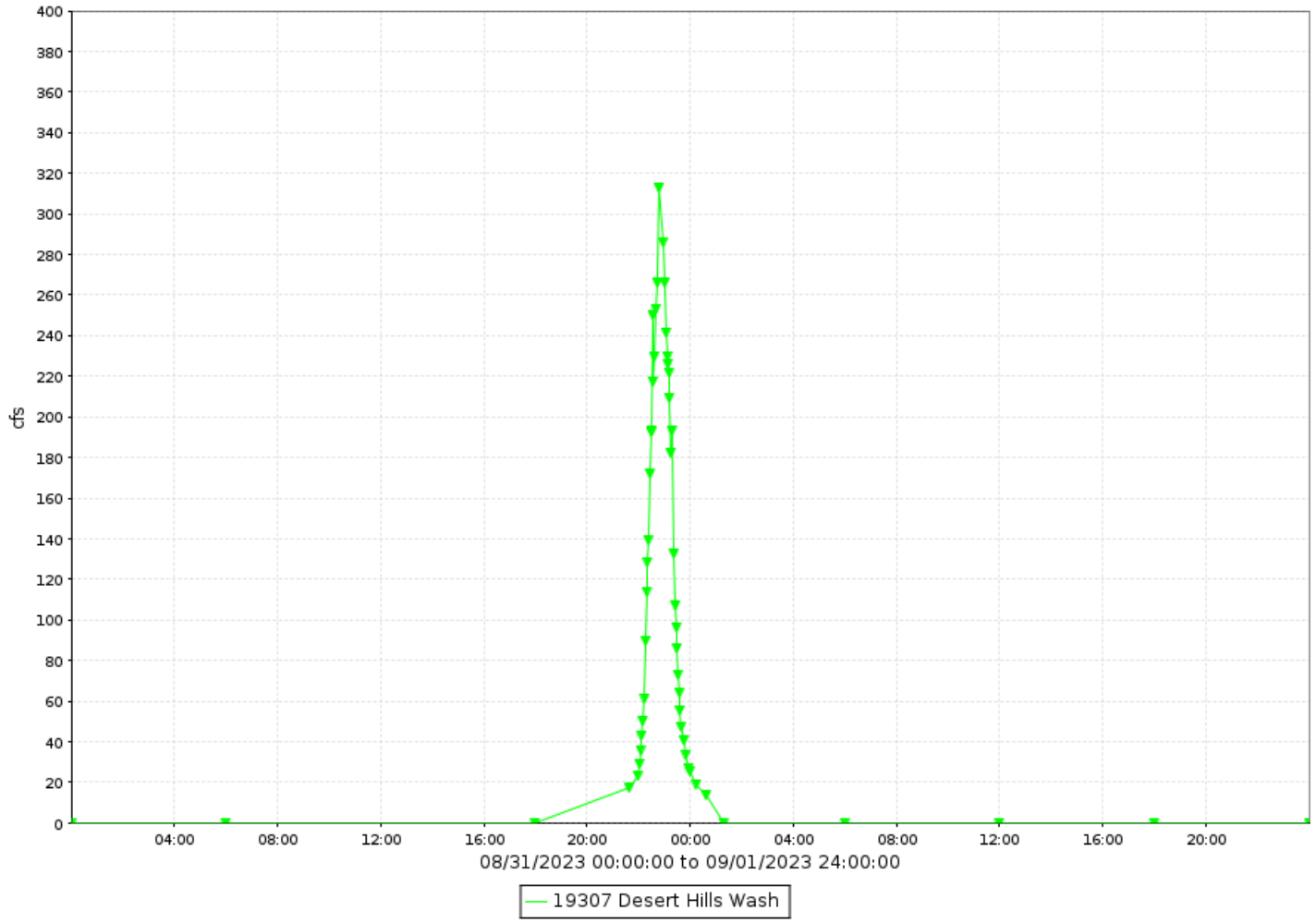




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
1/1	1.42	47
1/17	0.84	21
3/1	0.94	25
8/31	4.89	313

Hydrograph of peak WY 2023 flow event, 08/31/2023



Desert Hills Wash, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				2		2						1
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17				1								
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---		13	---
TOTAL	0	0	0	2	0	2	0	0	0	0	13	1
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	47	0	25	0	0	0	0	313	19
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	5	0	3	0	0	0	0	25	2

WTR YR 2023 TOTAL 17 MEAN 0 MAX 313 MIN 0 AC_FT 35

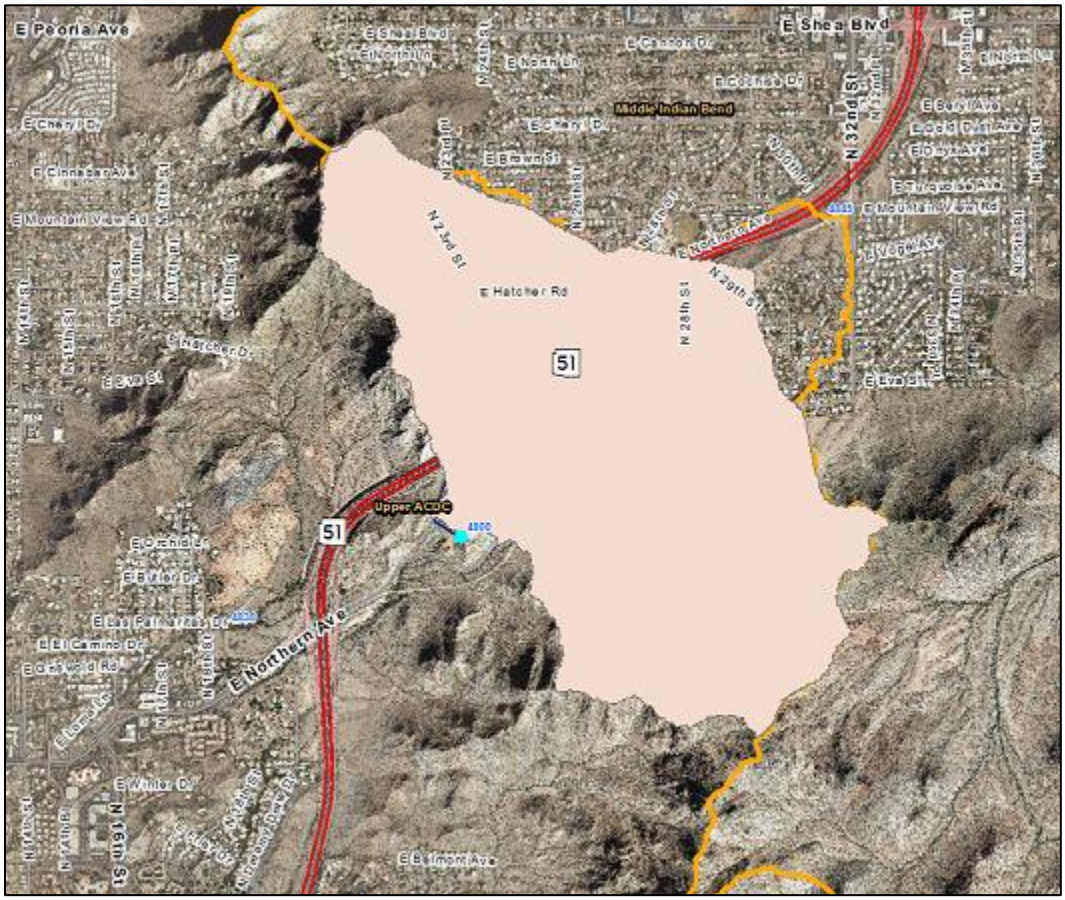
Dreamy Draw Dam, ID #9807

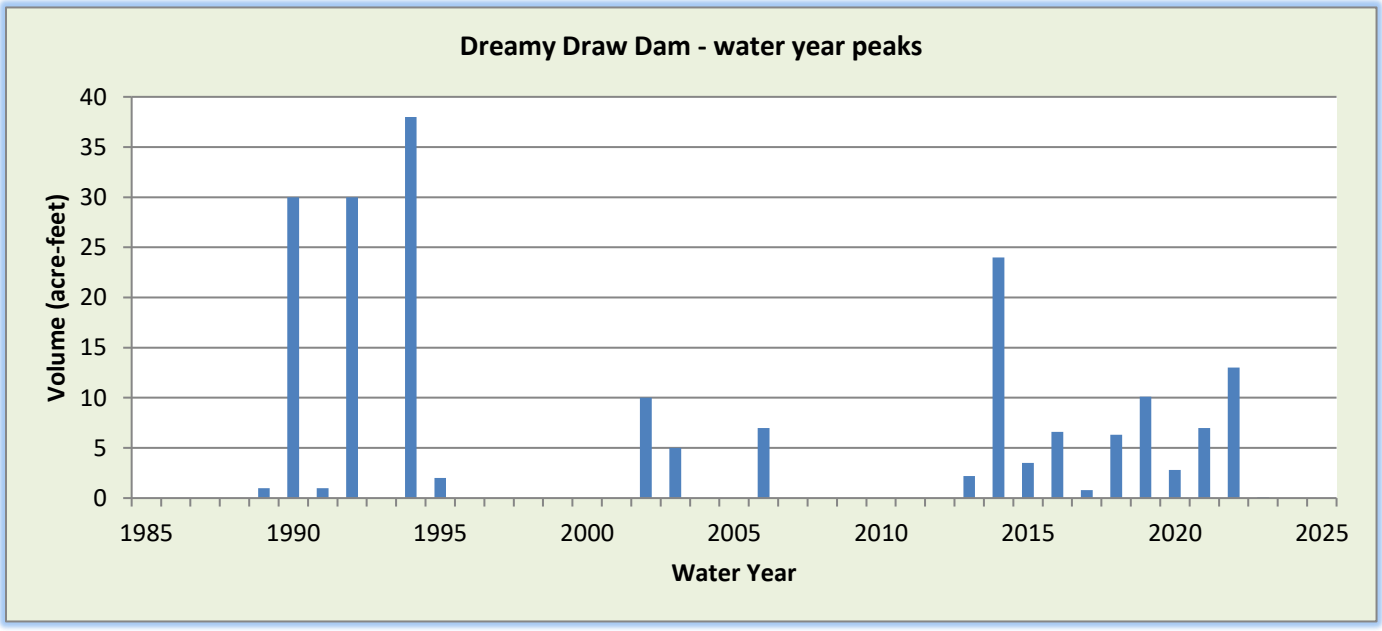


Site Data

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
ARIZONA STATE PLANE	E 665000 | N 932093
USGS QUAD SHEET	Sunnyslope 7.5-Minute
STREAMGAGE INSTALLATION DATE	01/24/1984 – WY 1984
PERIOD OF AVAILABLE DATA RECORD	08/29/1988 – Current
LENGTH OF AVAILABLE DATA RECORD	35.09 Years | 12,816 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.12 feet Gage Height
STAFF GAGES	9
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,371.46 feet NAVD88
POINT OF ZERO FLOW	0.00 feet Gage Height
SPILLWAY ELEVATION	35.50 feet Gage Height
TOP OF DAM ELEVATION	48.18 feet Gage Height
NORMAL DRAWDOWN RATE (BELOW SPILLWAY)	-0.8 feet per hour

Watershed Map

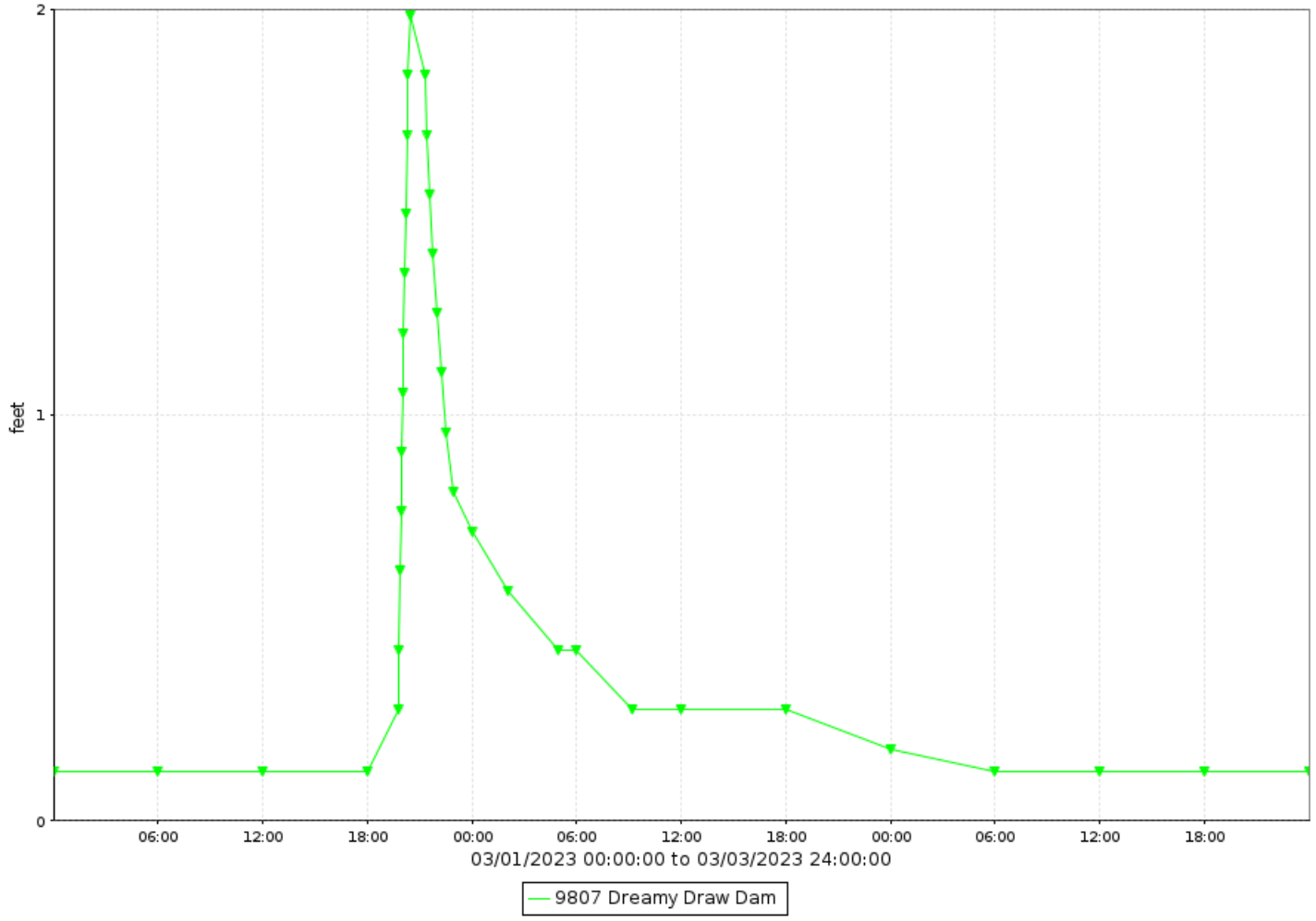




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
10/15	0.96	0.0	0.0
1/1	0.96	0.0	0.0
3/1	1.98	0.1	0.1

Hydrograph of peak 2023 impoundment event, 03/01/2023



Dreamy Draw Dam, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

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

WTR YR 2023 TOTAL 25 MEAN 0 MAX 23 MIN 0 AC_FT 49

Dreamy Draw Dam, volume data

Volume, in acre-feet, Water Year October 2022 to September 2023

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	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 2023 MEAN 0 MAX 0 MIN 0

Dreamy Draw Dam, stage data

Depth, in feet, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.1	0.1	0.1	0.3	0.1	0.3	0.1	0.1	0.1	0.1	0.1	0.1
2	0.1	0.1	0.1	0.2	0.1	0.4	0.1	0.1	0.1	0.1	0.1	0.1
3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
4	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
6	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
7	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
8	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
9	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
10	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
11	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
12	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
13	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
14	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
15	0.3	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1
16	0.4	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1
17	0.3	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	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
29	0.1	0.1	0.4	0.1	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1
30	0.1	0.1	0.2	0.1	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1
31	0.1	---	0.1	0.1	---	0.1	---	0.1	---	0.1	0.1	---
MEAN	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
MAX	1.0	0.1	0.5	1.0	0.1	2.0	0.1	0.1	0.1	0.1	0.1	0.1
MIN	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

WTR YR 2023 MEAN 0.13 MAX 1.98 MIN 0.12

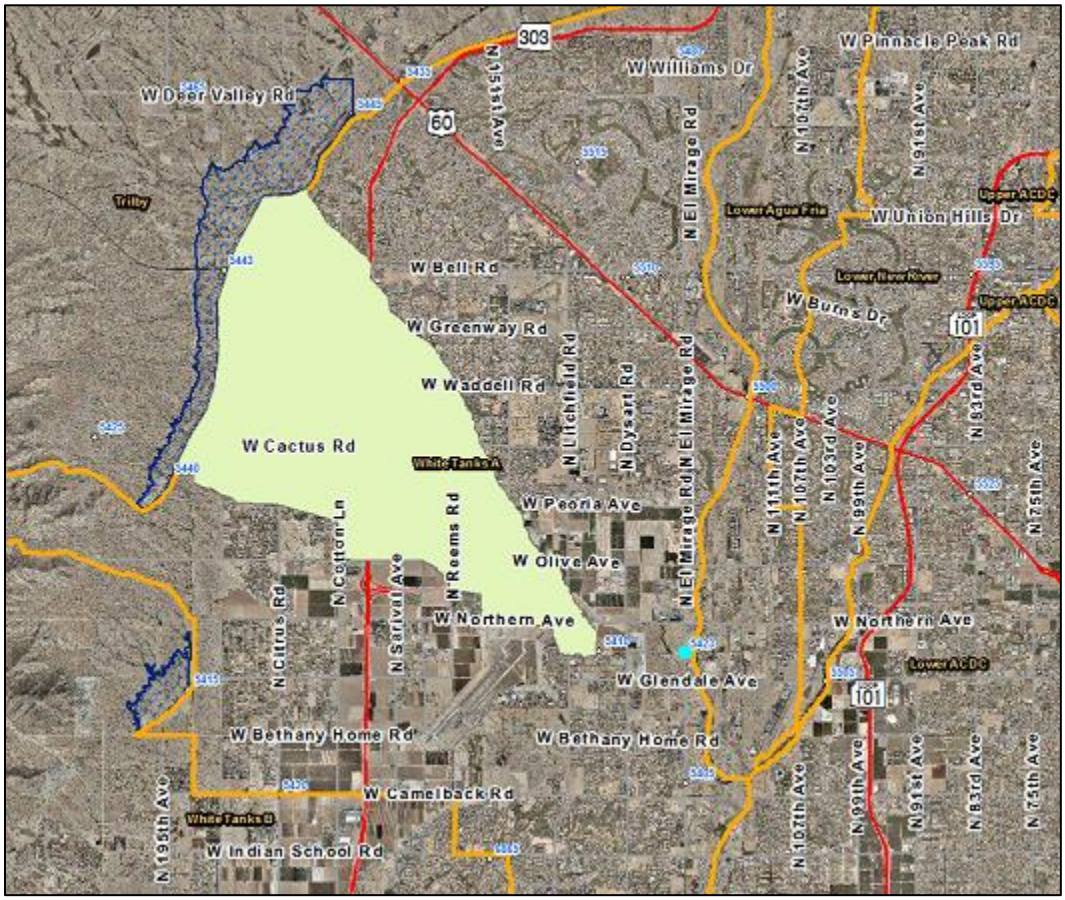
Dysart Drain at LAFB, ID #85807

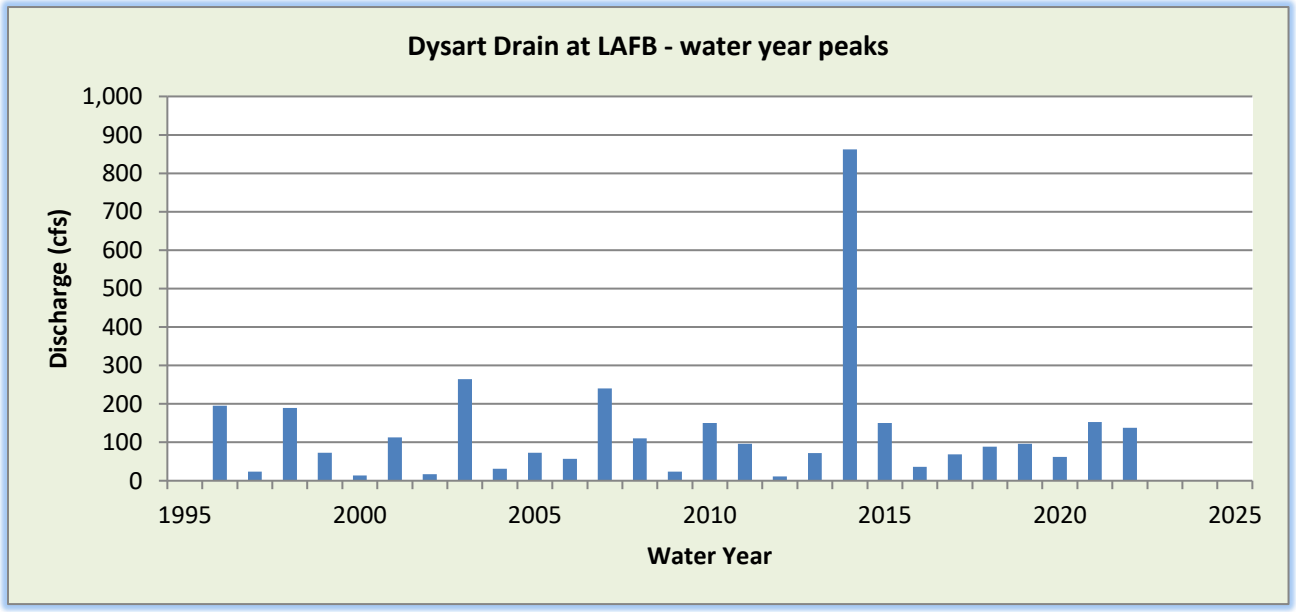


Site Data

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
ARIZONA STATE PLANE	E 568152 | N 925728
USGS QUAD SHEET	El Mirage 7.5-Minute
STREAMGAGE INSTALLATION DATE	08/22/1996 – WY 1996
PERIOD OF AVAILABLE DATA RECORD	08/22/1996 – Current
LENGTH OF AVAILABLE DATA RECORD	27.11 Years | 9,901 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.35 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,063.482 feet NAVD88
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	862 cfs | 4.30 feet | 09/08/2014

Watershed Map





WY2023 Events

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

Hydrograph of peak WY 2023 flow event

No runoff recorded during Water Year 2023.

Dysart Drain at LAFB, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

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 2023 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

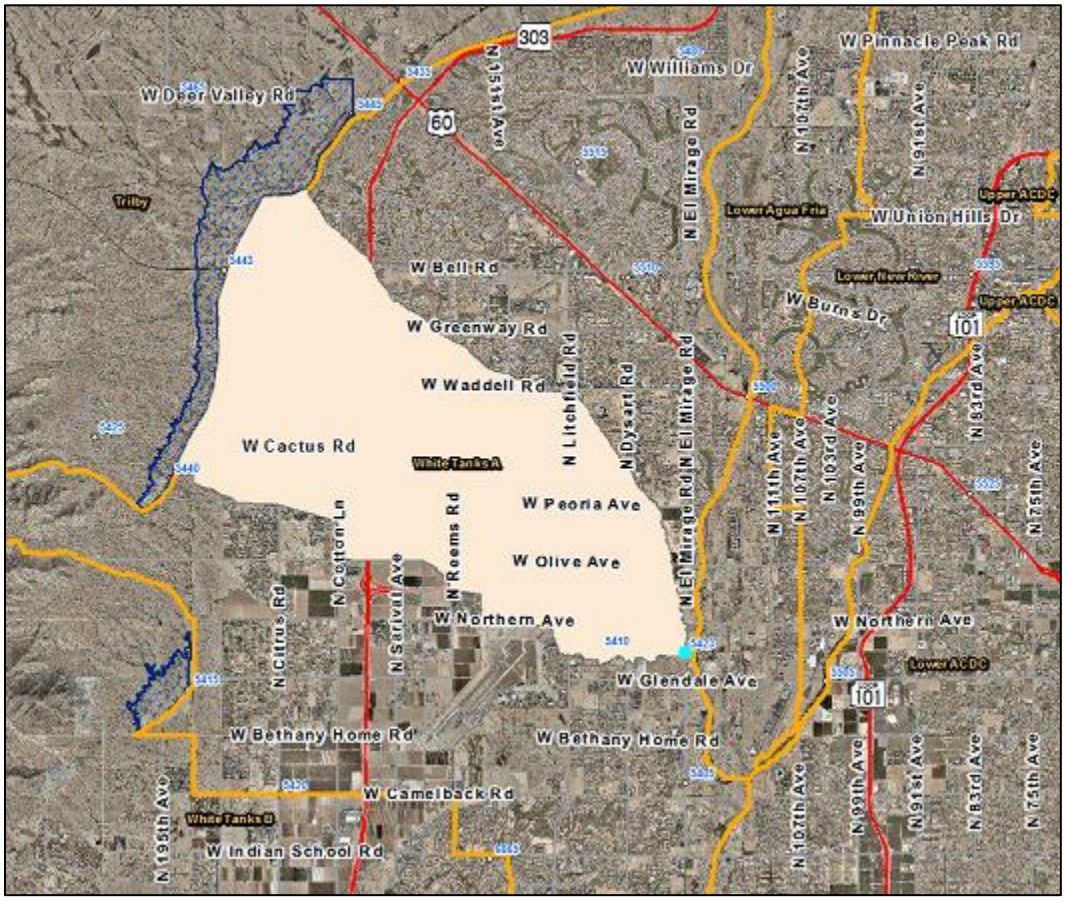
Dysart Drain at El Mirage Road, ID #85707

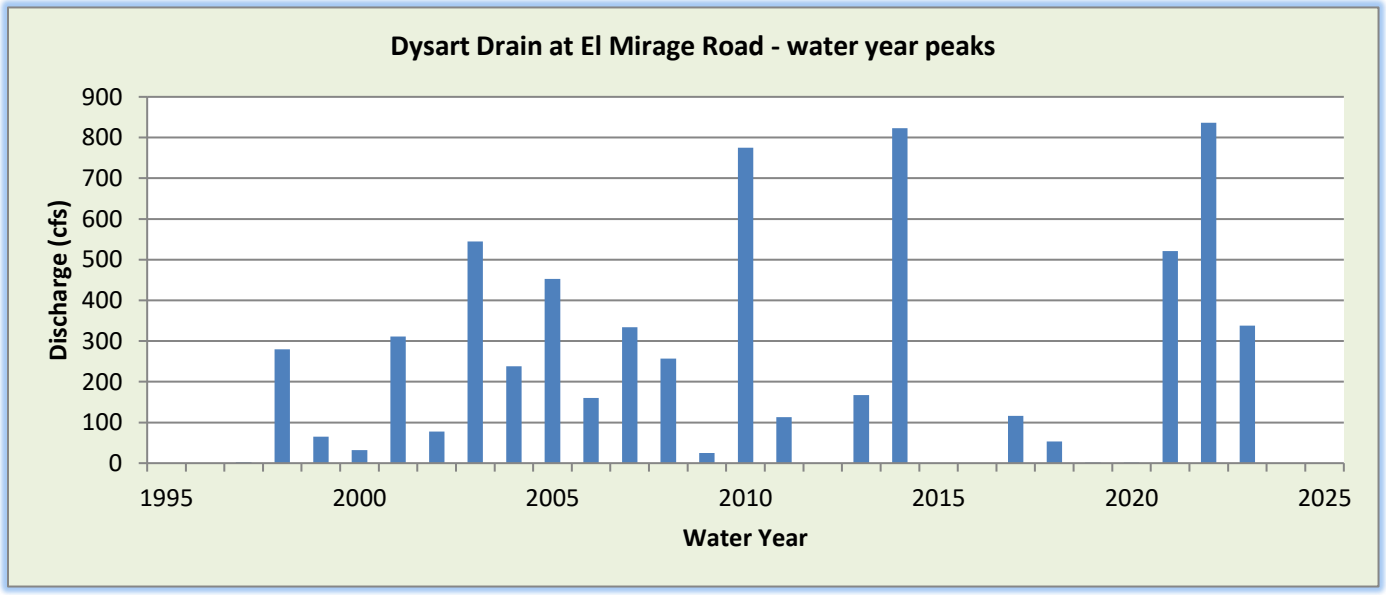


Site Data

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
ARIZONA STATE PLANE	E 575902 | N 925591
USGS QUAD SHEET	El Mirage 7.5-Minute
STREAMGAGE INSTALLATION DATE	03/07/1997 – WY 1997
PERIOD OF AVAILABLE DATA RECORD	03/07/1997 – Current
LENGTH OF AVAILABLE DATA RECORD	26.57 Years | 9,704 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.30 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,054.287 feet NAVD88
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	836 cfs | 5.76 feet | 07/26/2022

Watershed Map



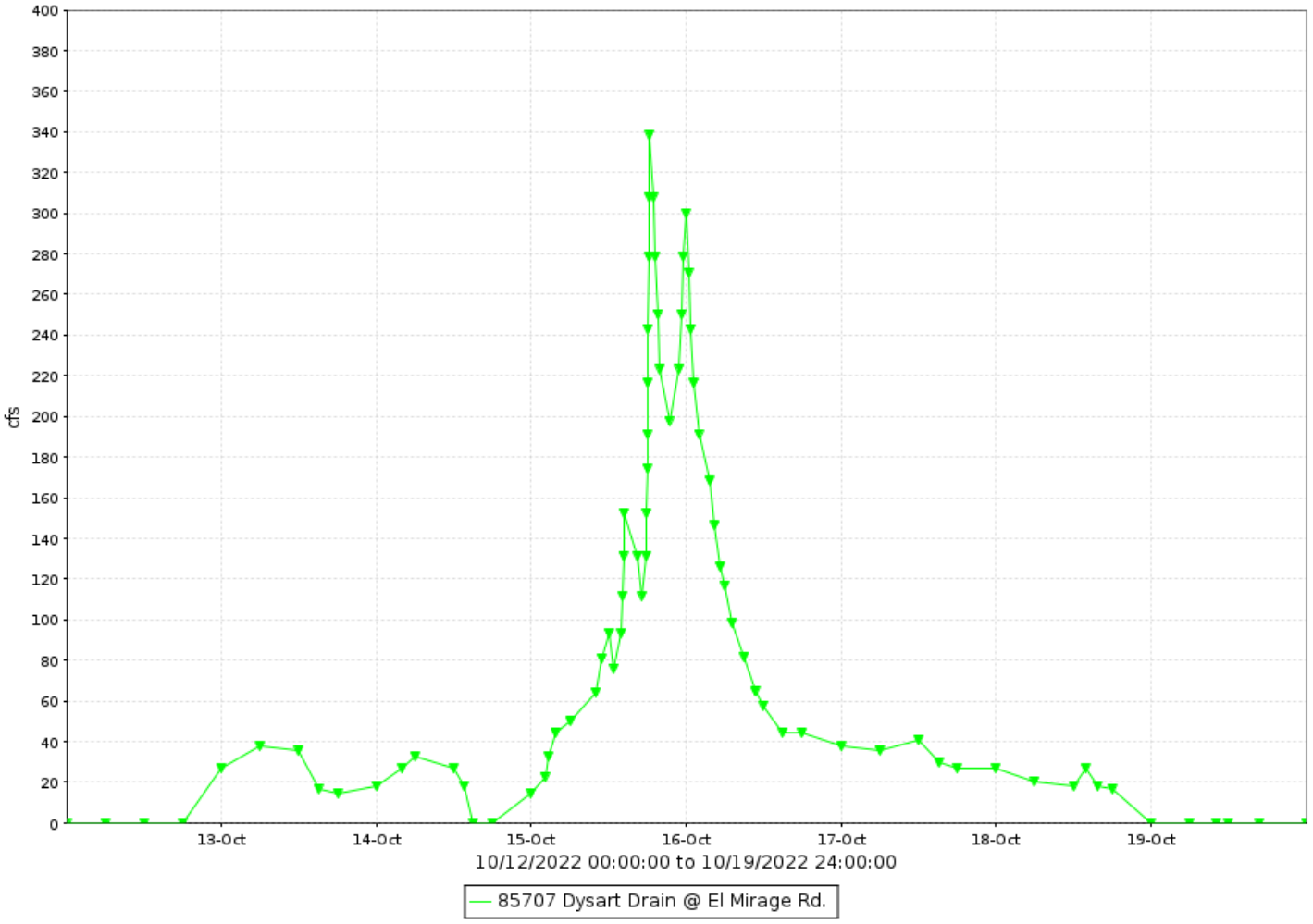


WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
10/15	2.13	338
11/10	0.87	69
12/28	1.55	191
3/1	1.88	271
3/15	1.93	284
3/22	1.72	231

NOTE: There is a continual base flow at this location, the last two

Hydrograph of peak WY 2023 flow event, 10/15/2022



Dysart Drain at El Mirage Road, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				63		68						
2				26		55						
3						5						
4								---				
5								---				
6								---		---		
7								---				
8								12				
9		17										
10		55									---	
11		45									---	
12		3									8	
13	26											
14	16											
15	113					51					---	
16	94					74					---	
17	34					4					---	
18	21										---	
19											---	---
20											---	---
21						24					---	---
22						68					---	---
23											---	---
24					4						---	---
25					23						---	---
26			6		26						---	---
27			27		24							---
28			69		27							---
29			13		---							---
30			14		---							---
31		---	55		---		---		---			---
TOTAL	305	120	184	89	103	349	0	7	0	0	4	0
MEAN	10	4	6	3	4	11	0	0	0	0	0	0
MAX	338	69	191	103	33	284	0	486	0	0	35	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	605	238	366	176	205	692	0	14	0	0	8	0

WTR YR 2023 TOTAL 1161 MEAN 3 MAX 486 MIN 0 AC_FT 2303

*Station removed September 19th

East Fork Cave Creek Basin #1, ID #7807

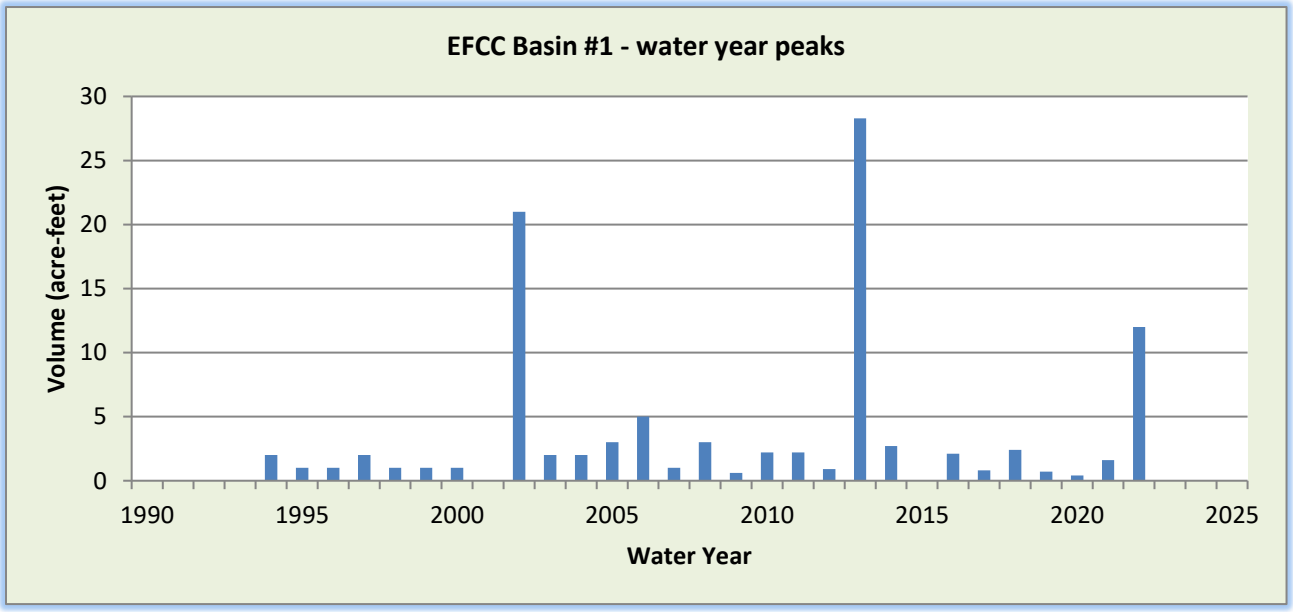


Site Data

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
ARIZONA STATE PLANE	E 666927 | N 971254
USGS QUAD SHEET	Union Hills 7.5-Minute
STREAMGAGE INSTALLATION DATE	03/02/1994 – WY 1994
PERIOD OF AVAILABLE DATA RECORD	03/02/1994 – Current
LENGTH OF AVAILABLE DATA RECORD	29.58 Years | 10,805 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.23 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	0
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





WY2023 Events

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

Hydrograph of peak WY 2023 impoundment event

No impoundment recorded during Water Year 2023.

East Fork Cave Creek Basin #1, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

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

WTR YR 2023 TOTAL 3 MEAN 0 MAX 5 MIN 0 AC_FT 6

East Fork Cave Creek Basin #1, volume data

Volume, in acre feet, Water Year October 2022 to September 2023

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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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 2023 MEAN 0 MAX 0 MIN 0

East Fork Cave Creek Basin #1, stage data

Depth, in feet, Water Year October 2022 to September 2023

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	0.3	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	0.3	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	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2
15	0.2	0.2	0.2	0.2	0.4	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	0.5	0.6	0.7	0.2	0.2	0.2	0.2	0.2	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 2023 MEAN 0.23 MAX 0.65 MIN 0.23

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

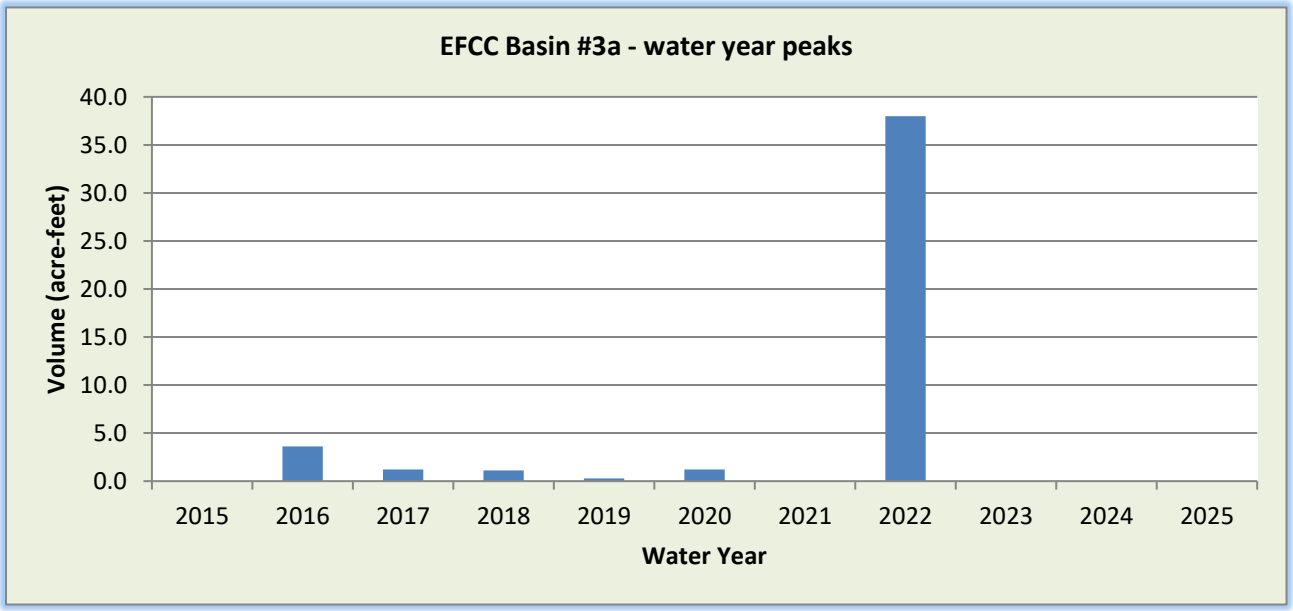


Site Data

LOCATION	**Located near 22nd Street and East Grovers Avenue**
DRAINAGE AREA	**3.5 mi^2**
STREAM TYPE	**Flood control basin**
JURISDICTION	**Phoenix, Arizona**
WATERSHED	**Upper ACDC**
SECTION/TOWNSHIP/RANGE	**S34 T4N R3E**
LATITUDE	**N 33° 38' 46.0" | +33.64630**
LONGITUDE	**W 112° 02' 21.0" | -112.03840**
ARIZONA STATE PLANE	**E 662900 | N 962700**
USGS QUAD SHEET	**Union Hills 7.5-Minute**
STREAMGAGE INSTALLATION DATE	**10/14/2015 – WY 2016**
PERIOD OF AVAILABLE DATA RECORD	**10/14/2015 – Current**
LENGTH OF AVAILABLE DATA RECORD	**7.97 Years | 2,909 Days**
GAPS IN RECORD	**None**
STAGE GAGE TYPE	**Pressure Transducer**
STAGE GAGE ELEVATION	**0.90 feet Gage Height**
STAFF GAGES	**0**
CREST STAGE GAGES	**0**
ZERO GAGE HEIGHT ELEVATION	**1,425.270 feet NAVD88**
POINT OF ZERO FLOW	**0.00 feet Gage Height**
SPILLWAY CREST ELEVATION	**14.8 feet Gage Height**
TOP OF BASIN ELEVATION	**15.0 feet Gage Height**

Watershed Map





WY2023 Events

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

Hydrograph of peak WY 2023 impoundment event

No impoundment recorded during Water Year 2023.

EFCC Basin #3A, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

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 2023 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

EFCC Basin #3A, volume data

Volume, in acre-feet, Water Year October 2022 to September 2023

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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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 2023 MEAN 0 MAX 0 MIN 0

EFCC Basin #3A, stage data

Depth, in feet, Water Year October 2022 to September 2023

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	0.8	0.8	0.8	0.8	0.8	0.8	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 2023 MEAN 0.80 MAX 0.80 MIN 0.80

East Fork Cave Creek Basin #3B, ID #8707



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
ARIZONA STATE PLANE	E 662716 | N 962630
USGS QUAD SHEET	Union Hills 7.5-Minute
STREAMGAGE INSTALLATION DATE	09/13/1994 – WY 1994
PERIOD OF AVAILABLE DATA RECORD	09/13/1994 – Current
LENGTH OF AVAILABLE DATA RECORD	29.05 Years | 10,610 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.15 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,419.45 feet NAVD88
POINT OF ZERO FLOW	0.00 feet Gage Height
SPILLWAY CREST ELEVATION	No Defined Spillway
MINIMUM TOP OF BASIN ELEVATION	14.27 feet Gage Height

Location Map


E Union Hills Dr
N 16th St
E Bell Rd
N Cave Creek Rd
E Wescott Dr
E Rockwood Dr
E Mescal St
E Cactus Rd
E Mountain View Rd
E Cholla St
E Sweetwater Ave
E Libby St
E Cheryl Dr
E Angela Dr
E Helena Dr
E Danbury Rd
E Hatcher Rd
E Kelton Ln
E Kings Ave
E Granada Rd
E Campo Bello Dr
E Anderson Dr
E Hartford Ave
E Cactus Rd
E Paradise Ln
E Pinnacle Peak Rd
E Cholla St
E Sweetwater Ave
E Mountain View Rd
E Rose Garden Ln
E Acoma Dr
E Cactus Rd
E Paradise Ln
E Pinnacle Peak Rd
E Kelton Ln
E Kings Ave
E Granada Rd
E Campo Bello Dr
E Anderson Dr
E Hartford Ave
E Danbury Rd
E Helena Dr
E Angela Dr
E Cheryl Dr
E Libby

WY2023 Events

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

Hydrograph of peak WY 2023 impoundment event

No impoundment recorded during Water Year 2023.

East Fork Cave Creek Basin #3B, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

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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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 2023 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

East Fork Cave Creek Basin #3B, volume data

Volume, in acre-feet, Water Year October 2022 to September 2023

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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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 2023 MEAN 0 MAX 0 MIN 0

East Fork Cave Creek Basin #3B, stage data

Depth, in feet, Water Year October 2022 to September 2023

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	0.2	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
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	0.0	0.1	0.1
24	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1
25	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1
26	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
27	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	---	0.1	0.1	0.1
28	0.1	0.1	0.1	0.1	0.1	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	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1
MAX	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1
MIN	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

WTR YR 2023 MEAN 0.15 MAX 0.47 MIN 0.15

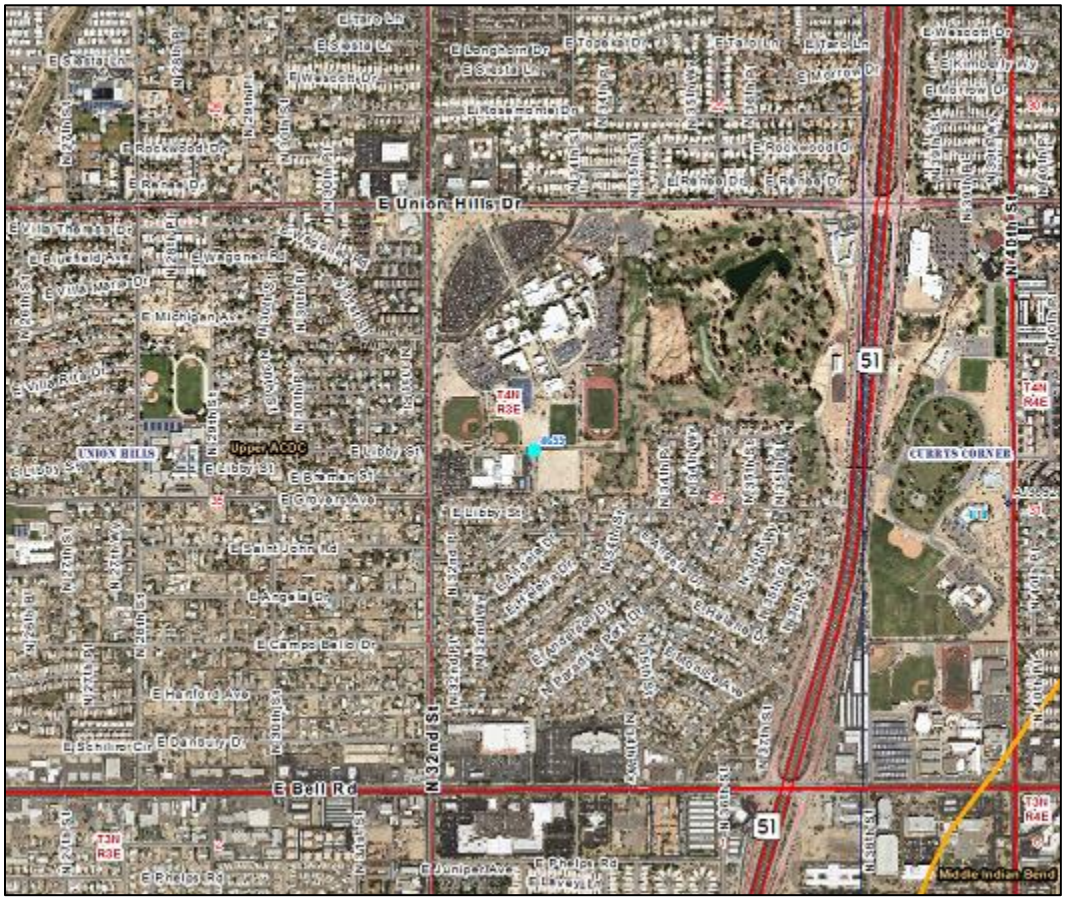
East Fork Cave Creek Basin #4, ID #8207

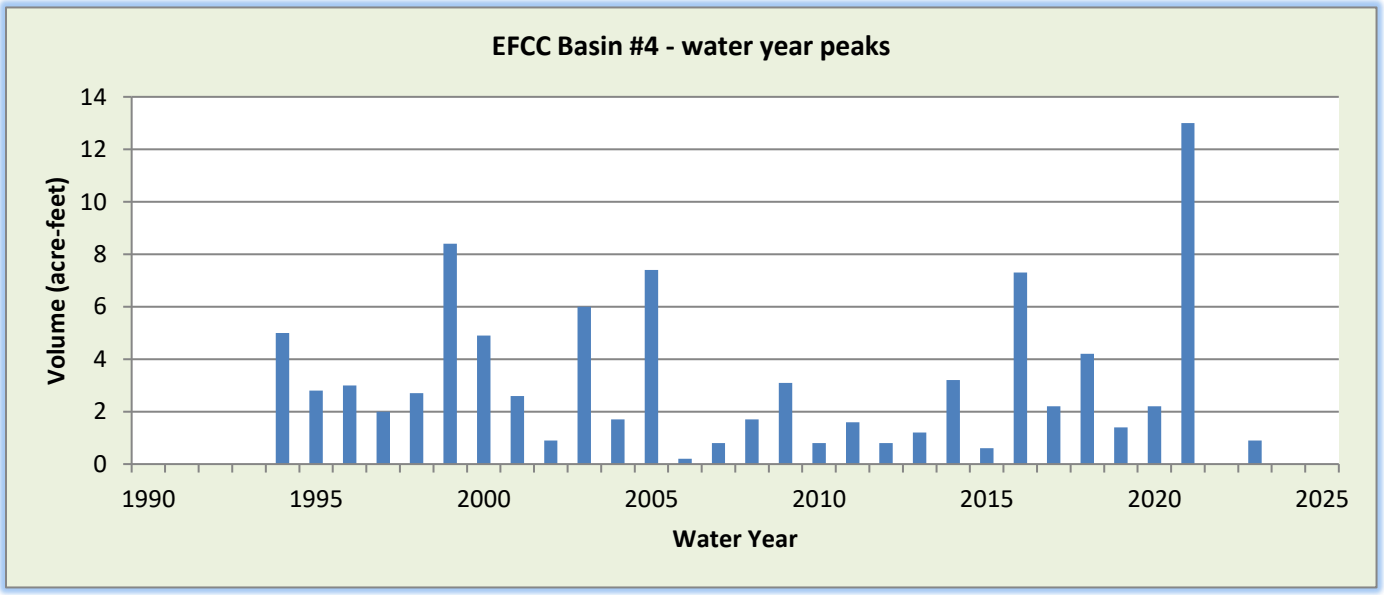


Site Data

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
ARIZONA STATE PLANE	E 671471 | N 963693
USGS QUAD SHEET	Union Hills 7.5-Minute
STREAMGAGE INSTALLATION DATE	01/18/1994 – WY 1994
PERIOD OF AVAILABLE DATA RECORD	01/18/1994 – Current
LENGTH OF AVAILABLE DATA RECORD	29.70 Years | 10,848 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.30 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	0
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*)

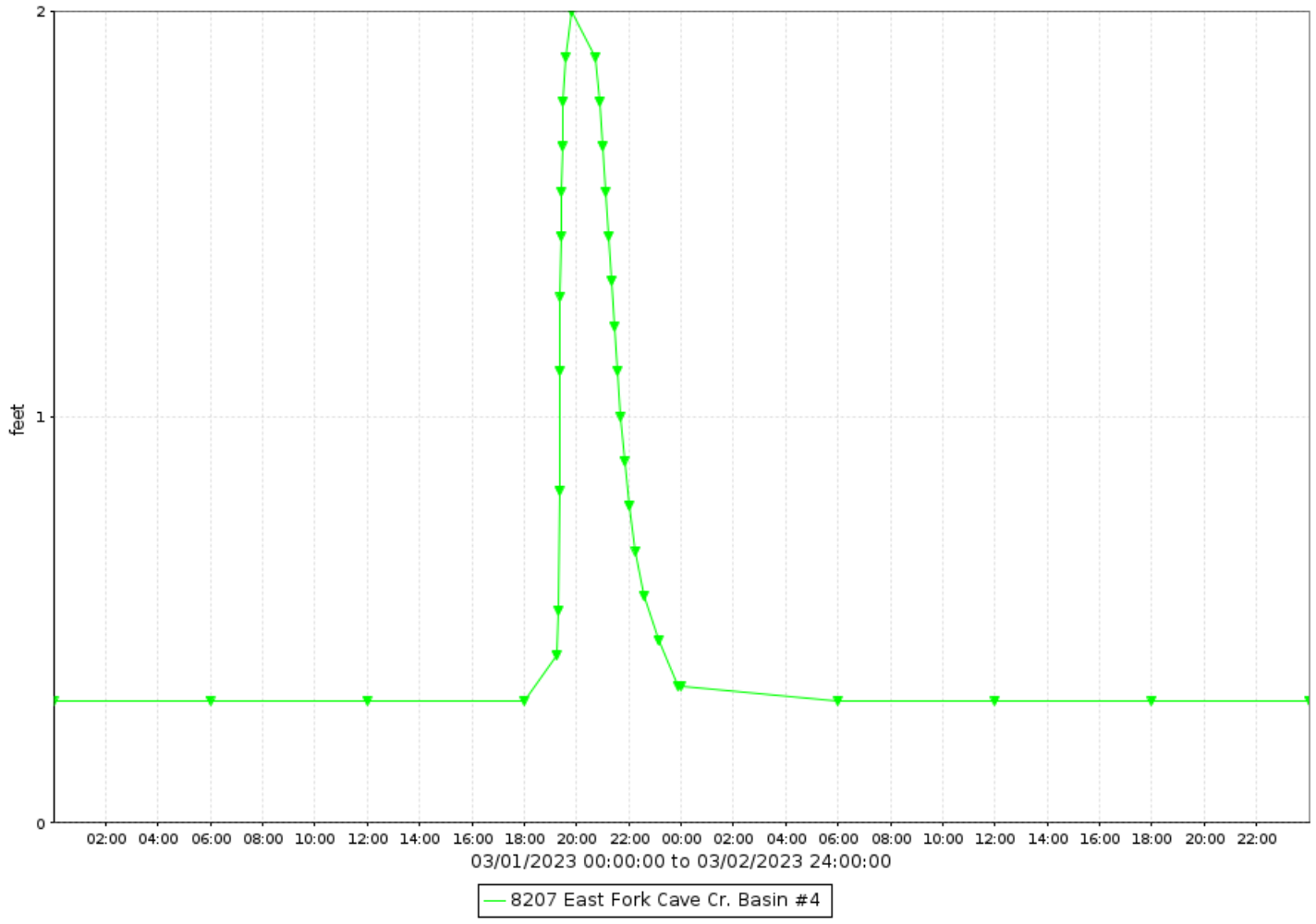




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
10/16	1.22	0.5	0.7
12/28	1.30	0.5	0.8
1/1	1.59	0.7	1.1
1/16	0.82	0.3	0.4
3/1	2.00	0.9	1.7
3/15	1.44	0.6	0.9
9/13	1.52	0.6	1.0

Hydrograph of peak 2023 impoundment event, 03/01/2023



East Fork Cave Creek Basin #4, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

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												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	0	0	2	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	1	0	2	6	0	27	0	0	0	0	0	4
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	3	0	0	0	0	0	0

WTR YR 2023 TOTAL 2 MEAN 0 MAX 27 MIN 0 AC_FT 4

East Fork Cave Creek Basin #4, volume data

Volume, in acre feet, Water Year October 2022 to September 2023

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	1	1	0	1	0	0	0	0	0	1
MIN	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 2023 MEAN 0 MAX 1 MIN 0

East Fork Cave Creek Basin #4, stage data

Depth, in feet, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.3	0.3	0.3	0.4	0.3	0.5	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	0.4	0.3	0.3	0.4	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	0.4	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	1.2	0.3	1.3	1.6	0.3	2.0	0.3	0.3	0.3	0.3	0.7	1.5
MIN	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3

WTR YR 2023 MEAN 0.30 MAX 2.00 MIN 0.30

East Fork Cave Creek near 7th Avenue, ID #8507

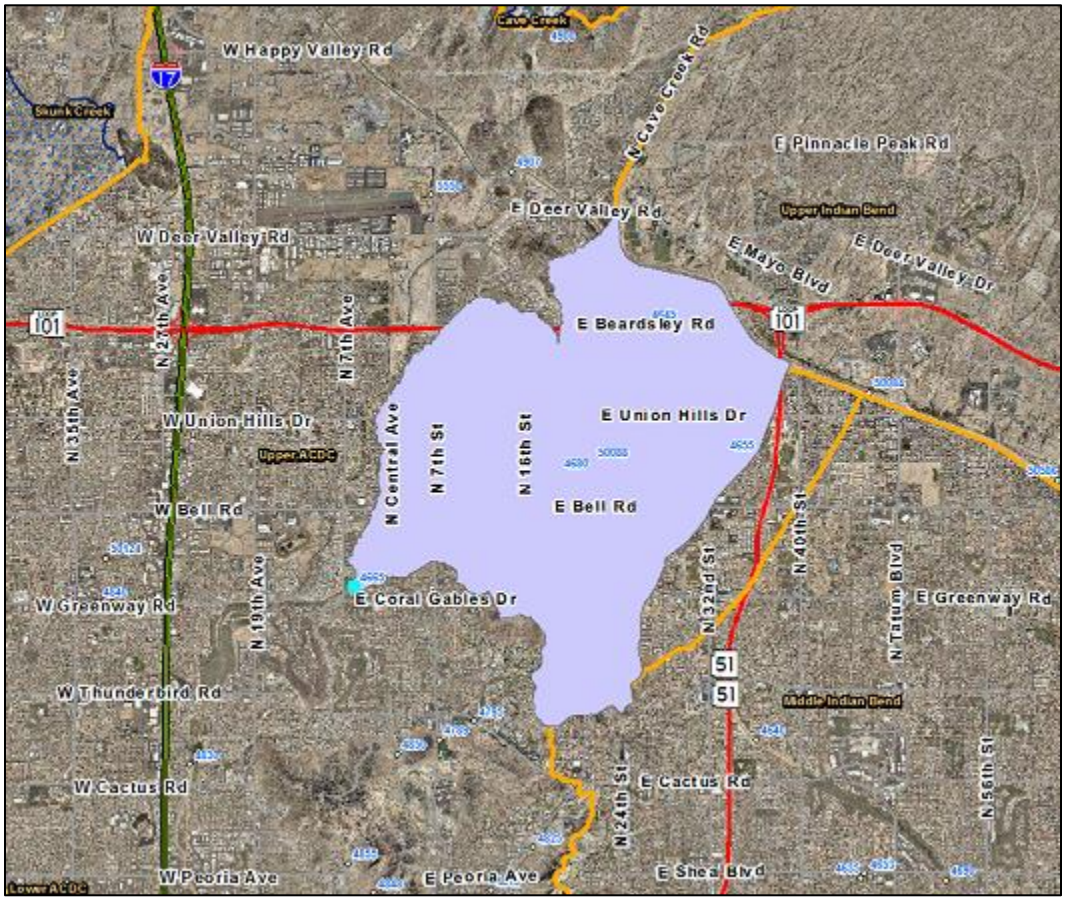


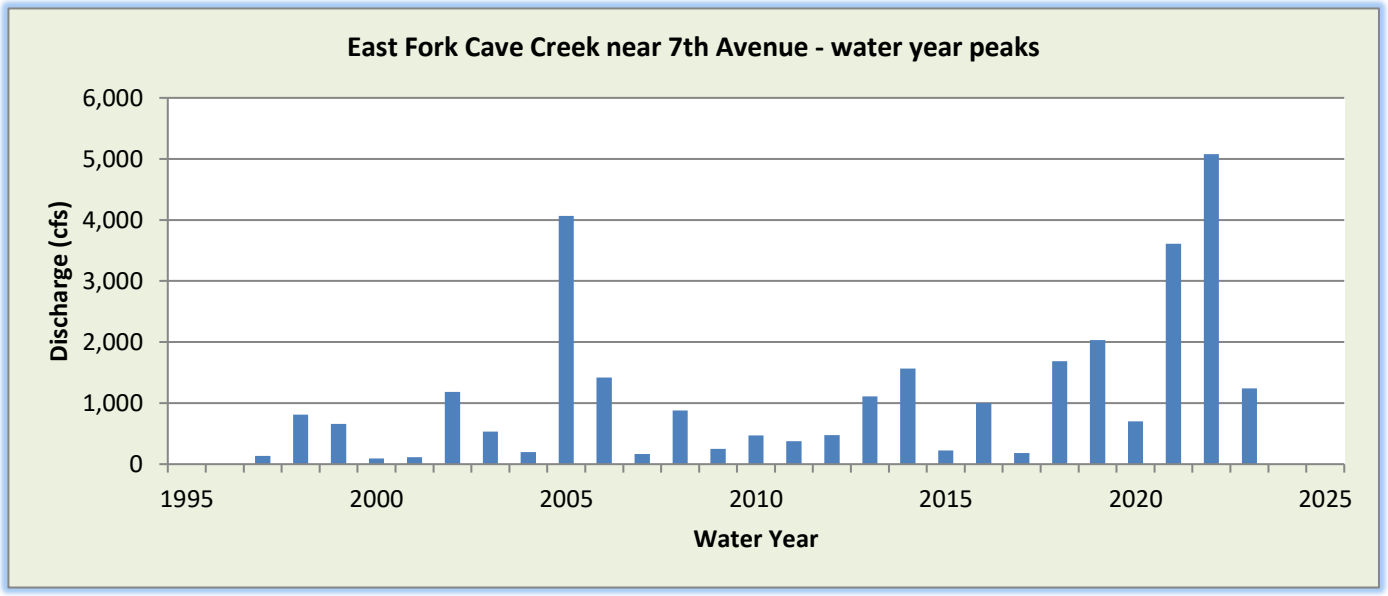
Site Data

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
ARIZONA STATE PLANE	E 650052 | N 956047
USGS QUAD SHEET	Union Hills 7.5-Minute
STREAMGAGE INSTALLATION DATE	05/08/1997 – WY 1997
PERIOD OF AVAILABLE DATA RECORD	05/08/1997 – Current
LENGTH OF AVAILABLE DATA RECORD	26.40 Years | 9,642 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	-0.25 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	2
ZERO GAGE HEIGHT ELEVATION	1,341.59 feet NAVD88
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	5,080 cfs | 8.07 feet | 08/13/2022

***PT moved on 08/06/2023 changing base gage height after the move.**

Watershed Map

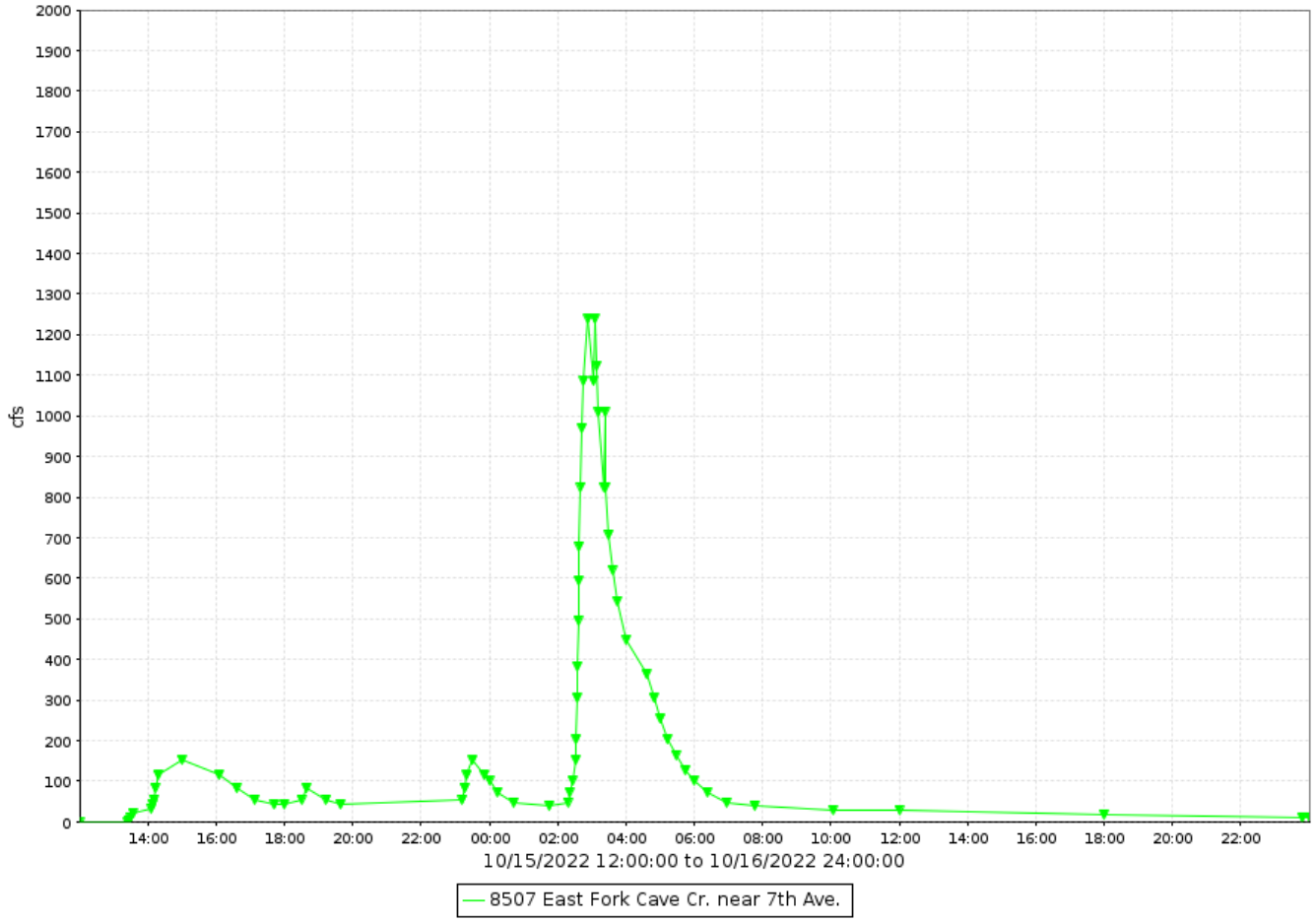




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
10/11	0.54	33
10/16	3.33	1239
12/28	1.57	237
1/1	1.57	237
1/16	0.78	48
2/15	0.34	21
3/1	2.53	672
3/15	1.21	137
3/22	0.48	30
9/13	1.71	82

Hydrograph of peak WY 2023 flow event, 10/16/2022



Flood Flow Frequency

FEMA FIS					
2-year	**5-year**	**10-year**	**20-year**	**50-year**	**100-year**
		5,500		**8,200**	**9,400**

East Fork Cave Creek near 7th Avenue, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				39		59						
2				27		27						
3			5	2								
4			32									
5			7									
6												
7												
8												
9												
10												
11												
12												
13												8
14												
15	32				8	8						
16	105			24	1	21						
17	2			13								
18												
19												
20												
21												
22						11						
23						3						
24												
25											---	
26											---	
27											---	
28			43								---	
29			11		---						---	
30					---							
31		---			---		---		---			---
TOTAL	139	0	97	105	9	128	0	0	0	0	0	8
MEAN	4	0	3	3	0	4	0	0	0	0	0	0
MAX	1239	0	237	237	21	672	0	0	0	0	---	82
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	277	0	193	209	18	255	0	0	0	0	0	16

WTR YR 2023 TOTAL 487 MEAN 1 MAX 1239 MIN 0 AC_FT 966

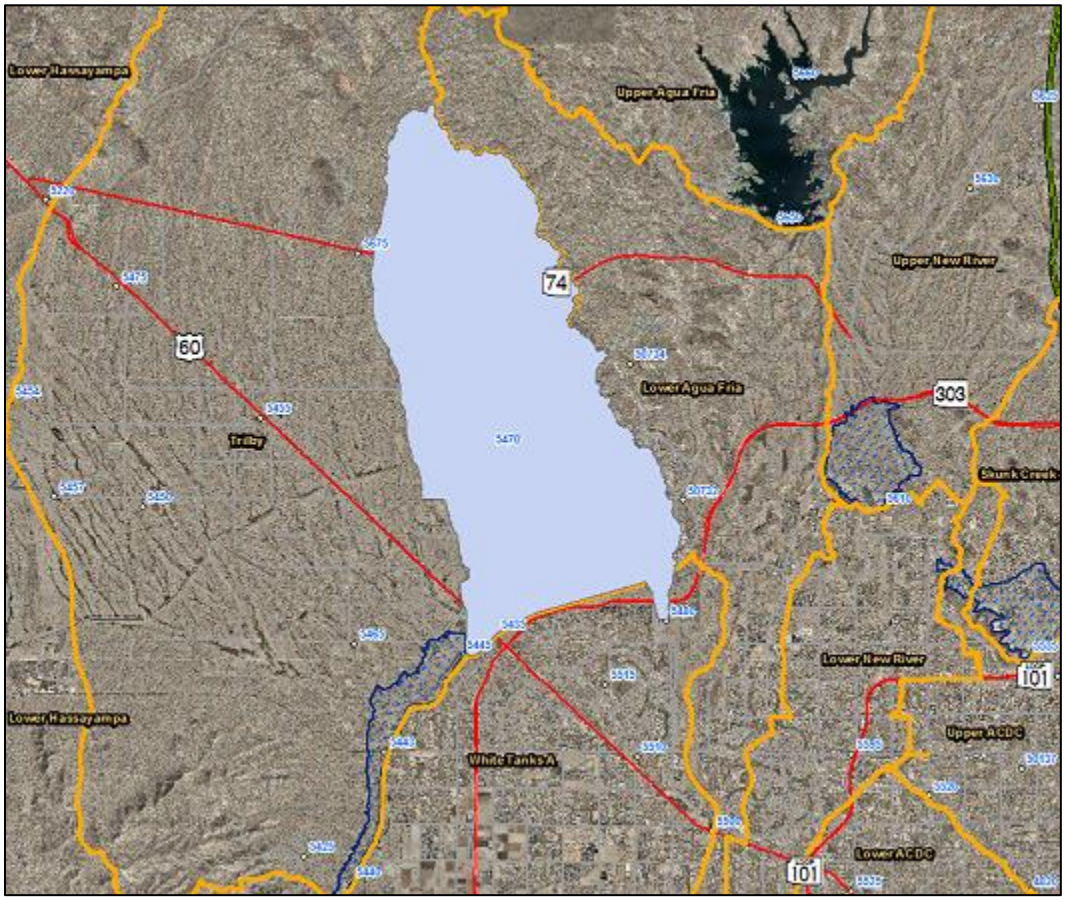
El Mirage Road Drain, ID #14507

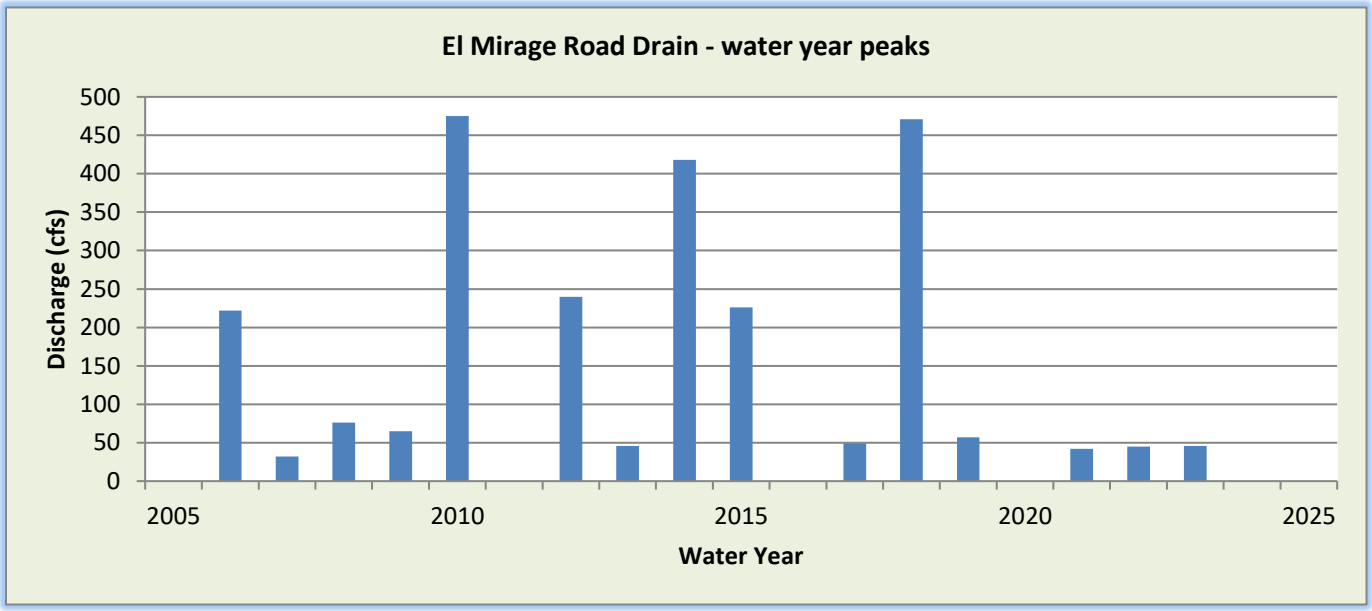


Site Data

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
ARIZONA STATE PLANE	E 574868 | N 979095
USGS QUAD SHEET	Calderwood Butte 7.5-Minute
STREAMGAGE INSTALLATION DATE	02/16/2006 – WY 2006
PERIOD OF AVAILABLE DATA RECORD	02/16/2006 – Current
LENGTH OF AVAILABLE DATA RECORD	17.62 Years | 6,436 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	1.20 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	1,262.960 feet NAVD88
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





WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
10/15	2.23	46

Hydrograph of peak WY 2023 flow event, 10/15/2022



Flood Flow Frequency

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-days, Water Year October 2022 to September 2023

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	10											
16	21											
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	31	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	46	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	62	0	0	0	0	0	0	0	0	0	0	0

WTR YR 2023 TOTAL 31 MEAN 0 MAX 46 MIN 0 AC_FT 62

East Maricopa Floodway at Broadway Road, ID #34307

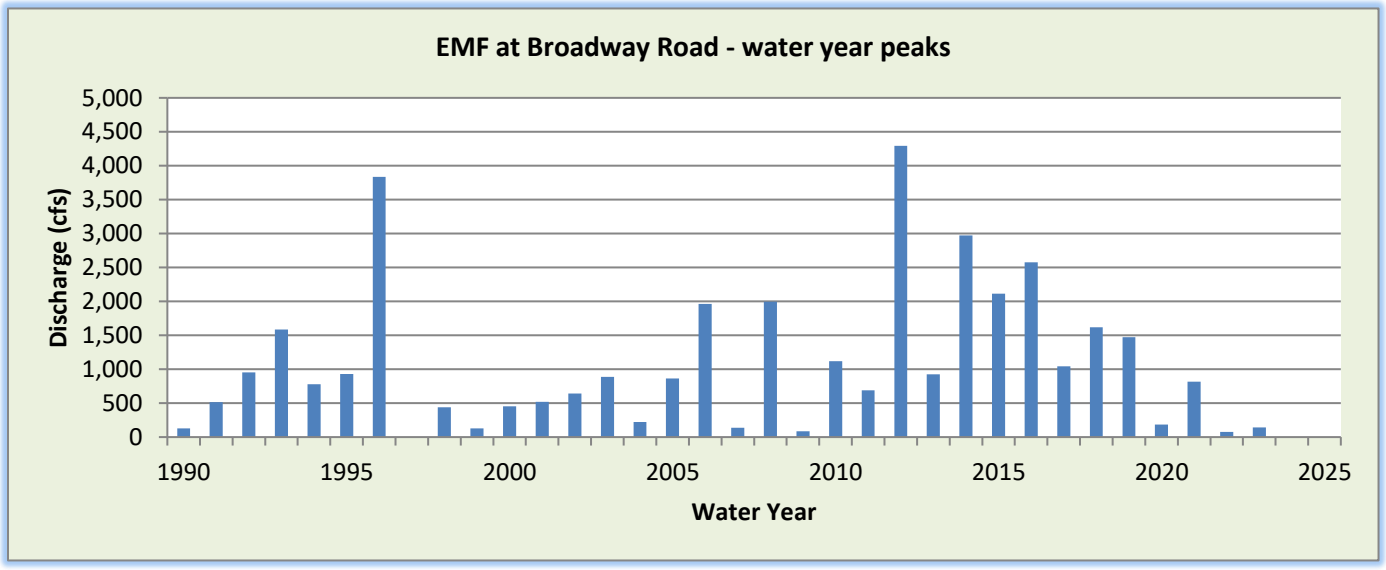


Site Data

LOCATION	Located about 1,000 feet south of Broadway Road, east of Higley Road
DRAINAGE AREA	11.4 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
ARIZONA STATE PLANE	E 762961 | N 875135
USGS QUAD SHEET	Buckhorn 7.5-Minute
STREAMGAGE INSTALLATION DATE	08/10/1989 – WY 1989
PERIOD OF AVAILABLE DATA RECORD	09/03/1990 – Current
LENGTH OF AVAILABLE DATA RECORD	33.08 Years | 12,081 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	-3.84 feet Gage Height
STAFF GAGES	One
CREST STAGE GAGES	Two
ZERO GAGE HEIGHT ELEVATION	1,335.631 feet NAVD88
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

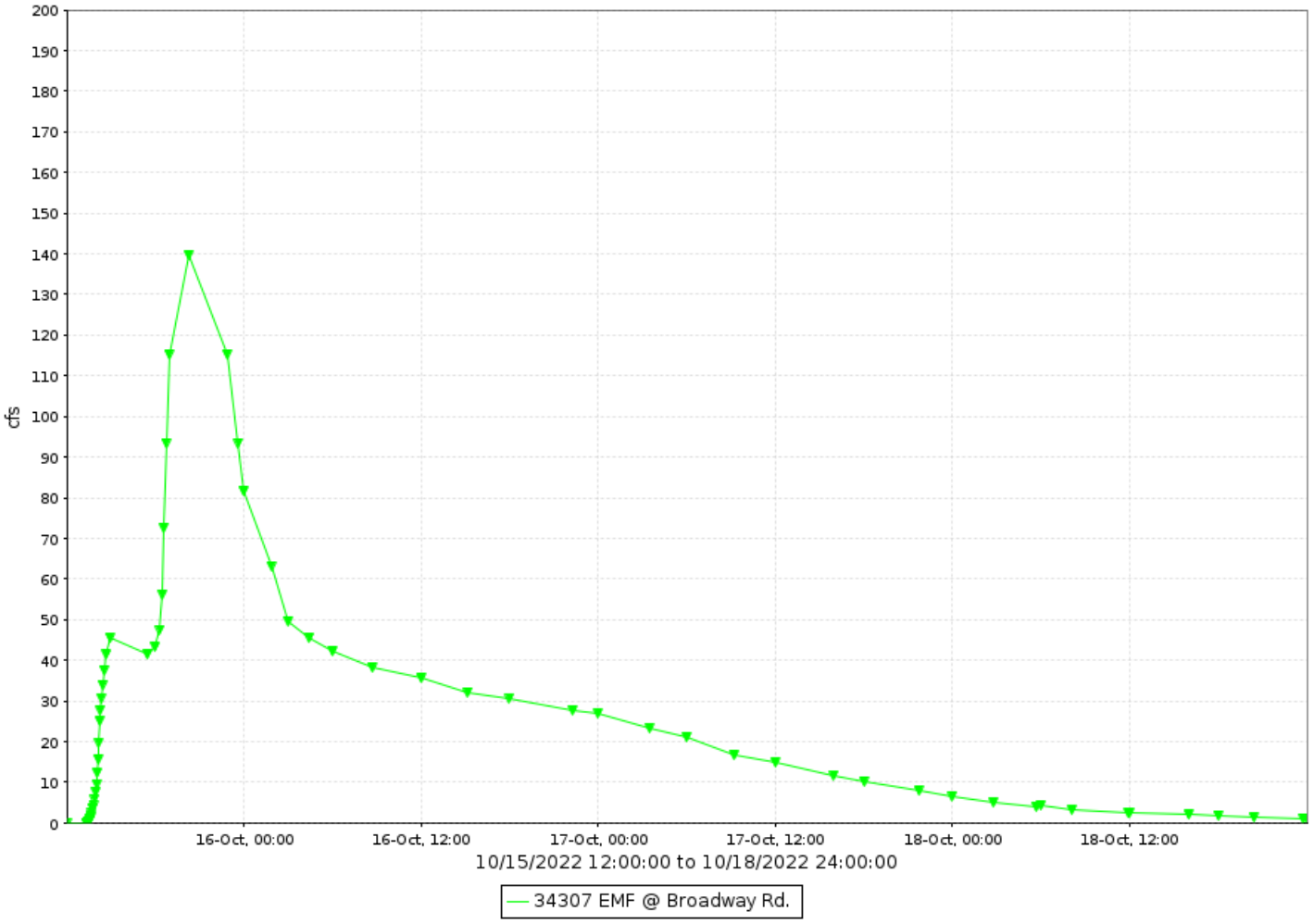




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
10/15	1.26	140
12/4	0.60	43
12/28	-2.21	0
1/1	0.60	43
1/16	-2.37	0
2/15	-0.54	8
3/2	0.27	32
3/16	0.52	40
8/18	-0.46	9
9/1	-1.66	0
9/13	0.12	28

Hydrograph of peak WY 2023 flow event, 10/15/2022



EMF at Broadway Road, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				12		1						
2				31		30						
3			2	11		15						
4			35	2		3						
5			20			1						
6			5									
7			1									
8												
9												
10												
11												
12												
13												11
14												14
15	36				5	2						1
16	41					36						
17	17					19					1	
18	3					3					3	
19	1											
20												
21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	98	0	63	56	5	109	0	0	0	0	4	27
MEAN	3	0	2	2	0	4	0	0	0	0	0	1
MAX	140	0	43	43	8	40	0	0	0	0	9	28
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	194	0	126	111	10	217	0	0	0	0	9	53

WTR YR 2023 TOTAL 364 MEAN 1 MAX 140 MIN 0 AC_FT 721

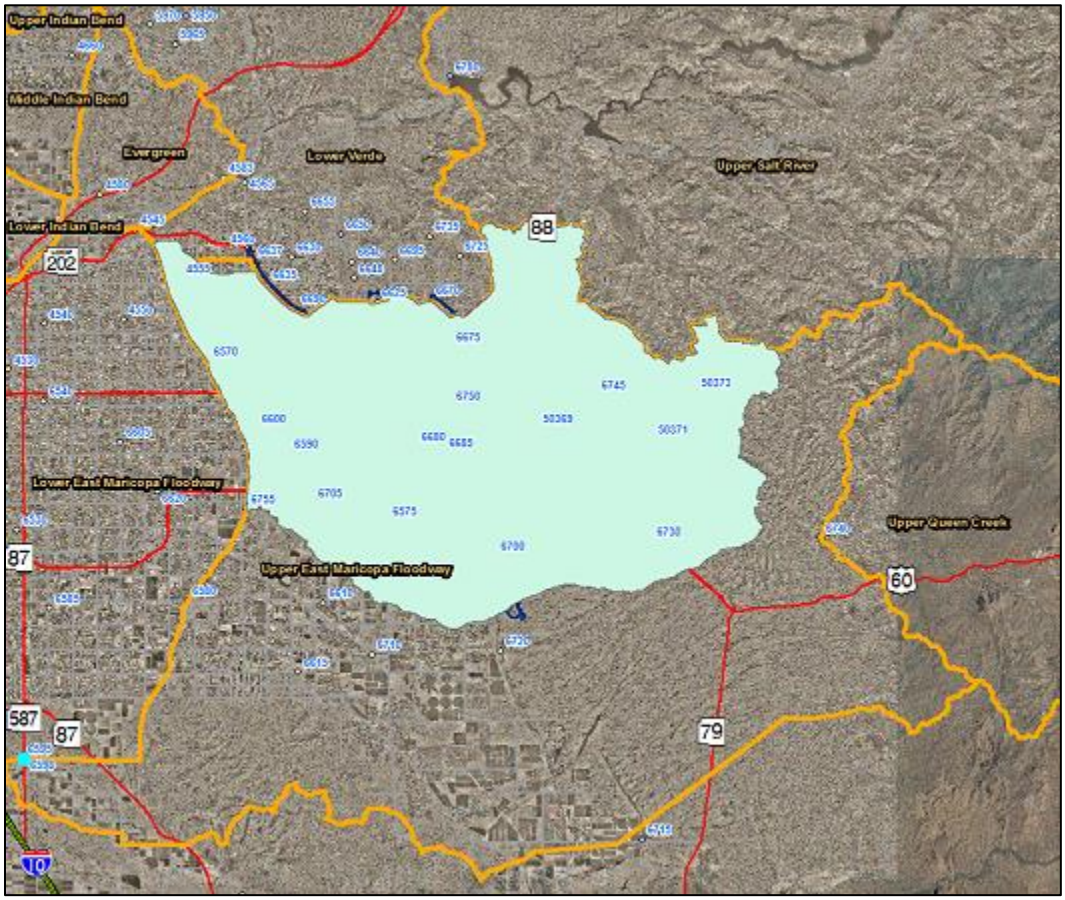
East Maricopa Floodway below Powerline Floodway, ID #33707

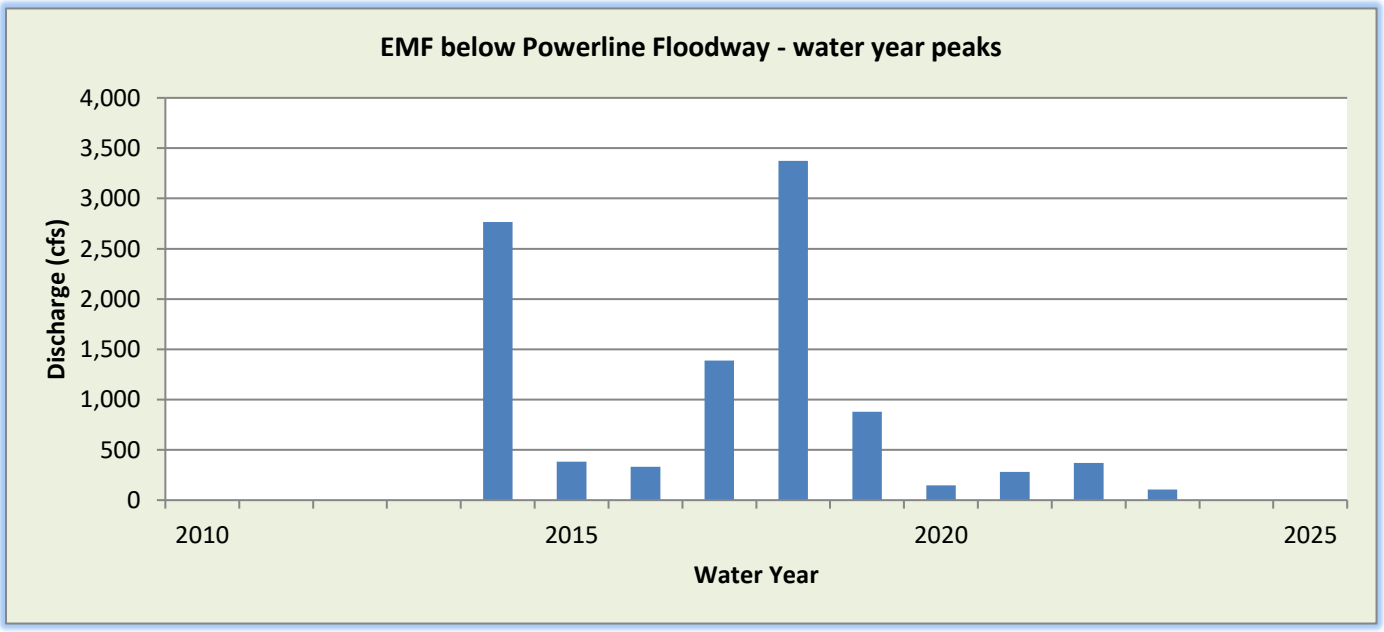


Site Data

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
ARIZONA STATE PLANE	E 843050 | N 771140
USGS QUAD SHEET	Higley 7.5-Minute
STREAMGAGE INSTALLATION DATE	04/15/2014 – WY 2014
PERIOD OF AVAILABLE DATA RECORD	04/15/2014 – Current
LENGTH OF AVAILABLE DATA RECORD	9.46 Years | 3,456 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.15 feet Gage Height
STAFF GAGES	None
CREST STAGE GAGES	None
ZERO GAGE HEIGHT ELEVATION	1,316.230 feet NAVD88
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

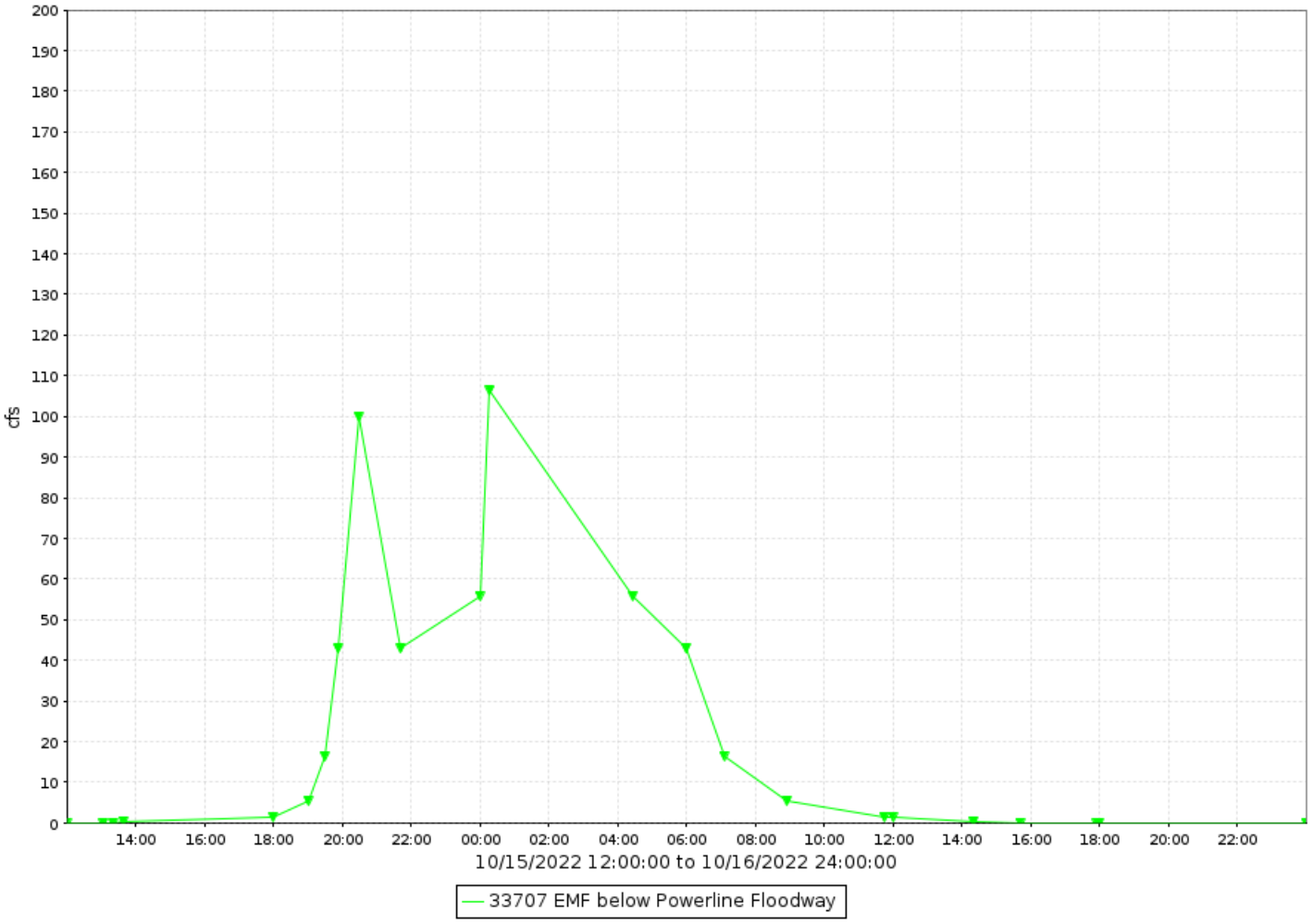




WY2023 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
10/16	0.97	106
1/2	0.87	56
3/2	0.69	10

Hydrograph of peak WY 2023 flow event, 10/16/2022



EMF below Powerline Floodway, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				3								
2				10		3						
3												
4			9									
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15	11											
16	27											
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	38	0	10	13	0	3	0	0	0	0	0	0
MEAN	1	0	0	0	0	0	0	0	0	0	0	0
MAX	106	0	27	56	0	10	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	75	0	19	26	0	7	0	0	0	0	0	0

WTR YR 2023 TOTAL 64 MEAN 0 MAX 106 MIN 0 AC_FT 126

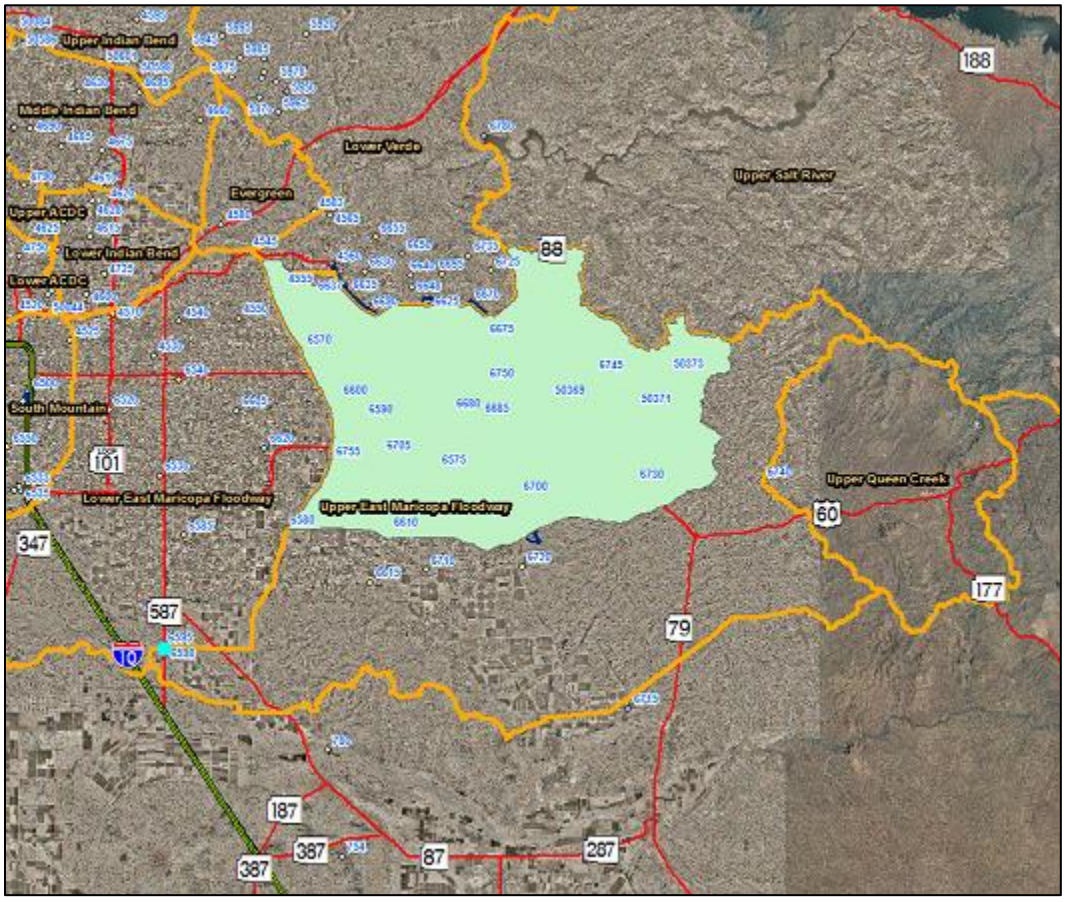
East Maricopa Floodway at Queen Creek Road, ID #34807

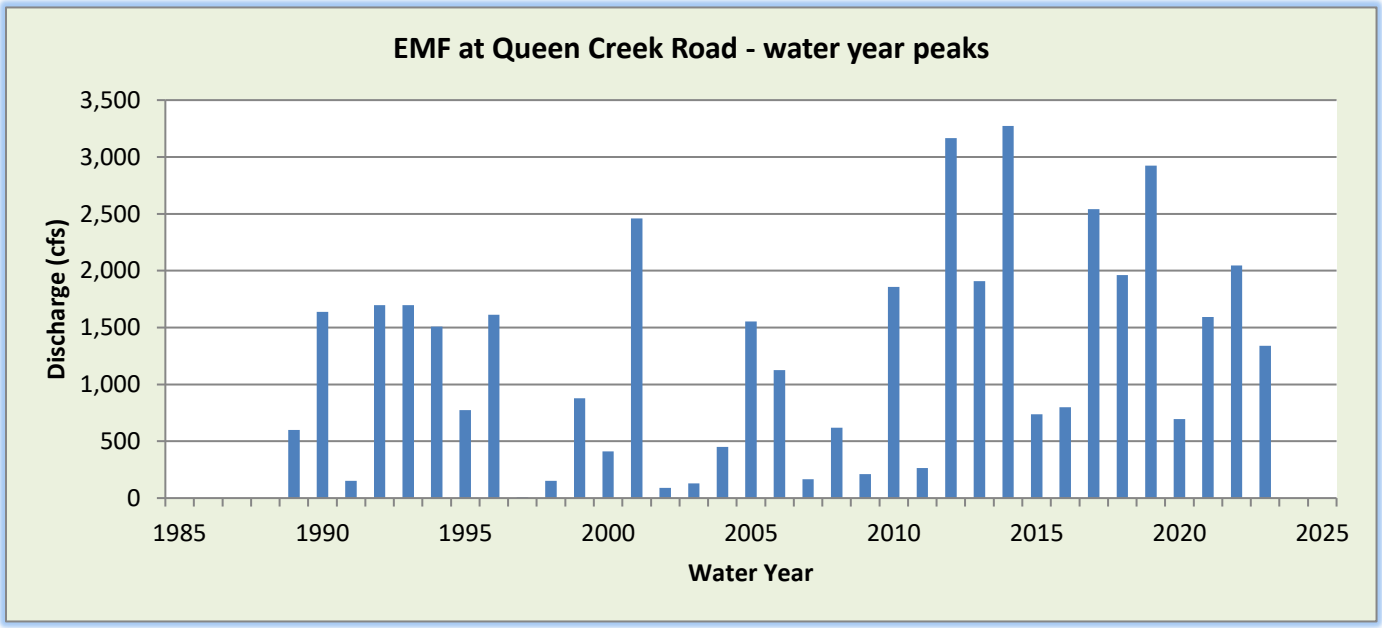


Site Data

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
ARIZONA STATE PLANE	E 758387 | N 823310
USGS QUAD SHEET	Higley 7.5-Minute
STREAMGAGE INSTALLATION DATE	01/18/1989 – WY 1989
PERIOD OF AVAILABLE DATA RECORD	01/18/1989 – current
LENGTH OF AVAILABLE DATA RECORD	34.70 Years | 12,674 Days
GAPS IN RECORD	10/22/2010 – 01/17/2012
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	-0.64 feet Gage Height
STAFF GAGES	1
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	1,302.144 feet NAVD88
POINT OF ZERO FLOW	-1.2 feet Gage Height
EXTREME FOR PERIOD OF RECORD	3,162 cfs | 4.96 feet | 09/08/2014

Watershed Map

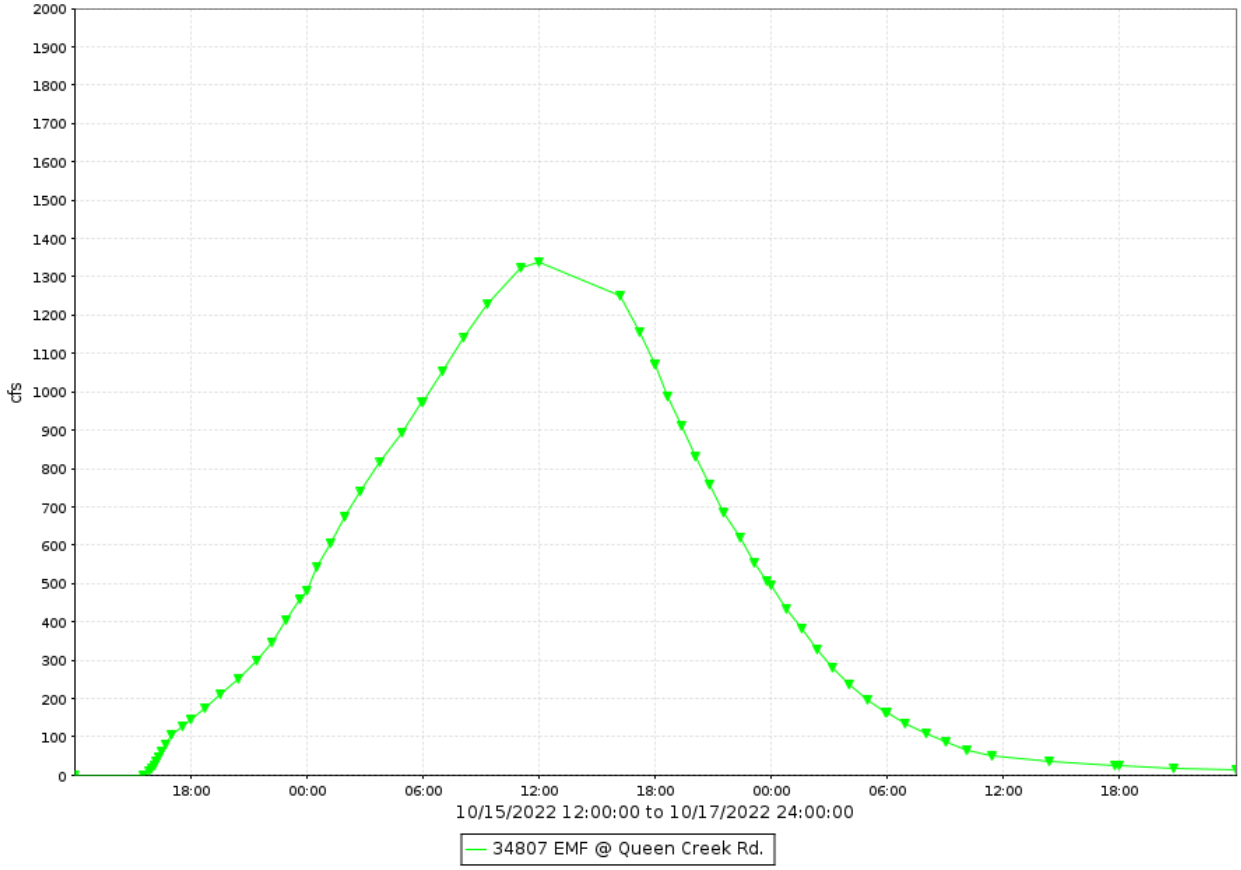




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
10/7	0.90	203
10/16	2.98	1339
12/4	2.30	862
12/28	0.00	37
1/2	2.10	740
1/16	0.00	37
2/15	0.30	72
2/21	-0.12	28
2/26	0.05	42
3/2	1.78	569
3/16	0.95	219
4/9	1.30	348
4/24	1.23	319
5/21	-0.10	30
6/11	-0.05	33
6/22	0.08	44
7/29	-0.02	36
8/1	0.53	113
8/8	0.78	170
8/18	-0.04	34
9/1	0.76	165

Hydrograph of peak WY 2023 flow event, 10/16/2022



EMF at Queen Creek Road, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				50							51	82
2				522		341					20	64
3			19	71		20						3
4			617	8								
5			198									
6		6	134					7				3
7	98		119					4				11
8	9		64				28				62	---
9							239				30	
10							31		10			
11									21			
12							9		26			
13							8	11	2			
14							7					
15	75	2			31	3						
16	987			12		197						
17	123			14		8						
18	5										13	
19											11	
20									17			
21					5			15	37			
22					2			23	29			
23							39	21				
24							196				4	
25							1					
26					17							
27					2					12		
28			8							20		
29			3		---					25		
30					---					18		
31		---			---		---		---			---
TOTAL	1297	8	1162	676	58	568	559	81	142	75	190	177
MEAN	42	0	37	22	2	18	19	3	5	2	6	6
MAX	1339	12	862	740	72	569	348	30	44	36	170	165
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	2572	15	2305	1341	115	1127	1108	161	281	149	377	351

WTR YR 2023 TOTAL 4992 MEAN 14 MAX 1339 MIN 0 AC_FT 9902

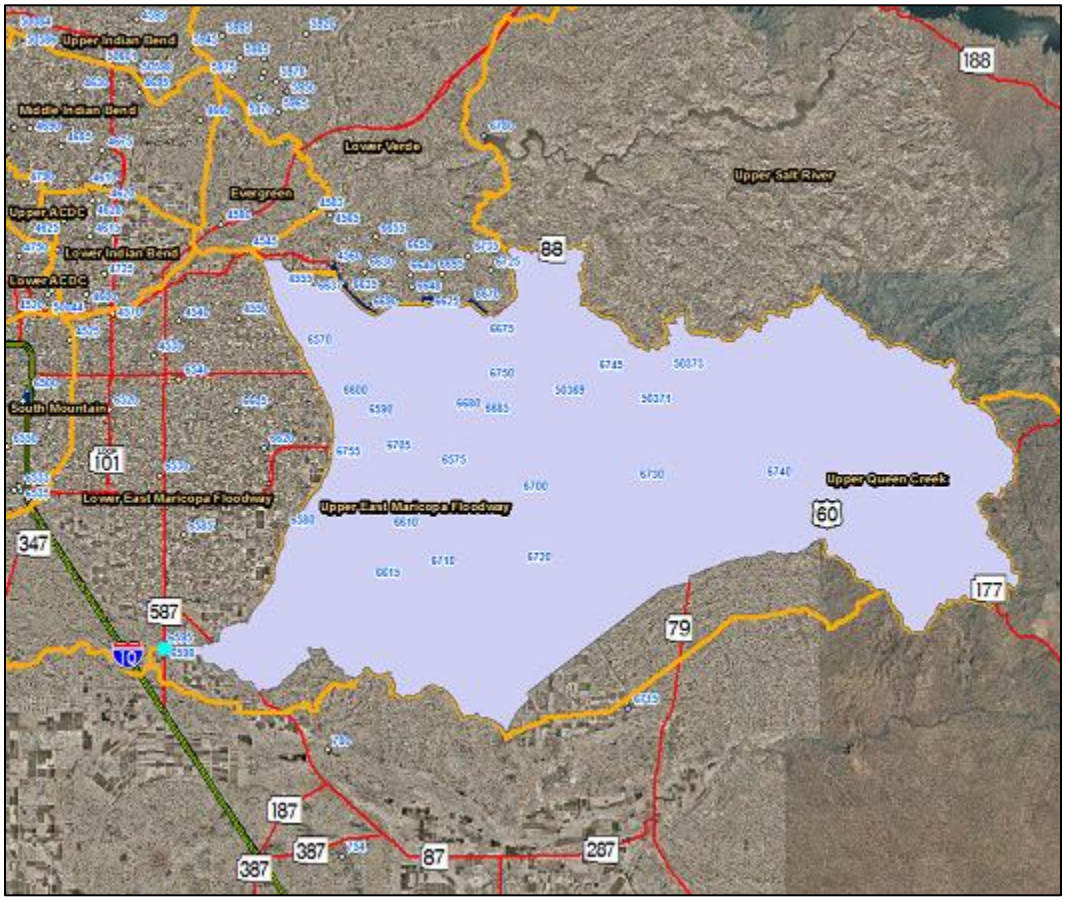
East Maricopa Floodway at Arizona Avenue, ID #35507

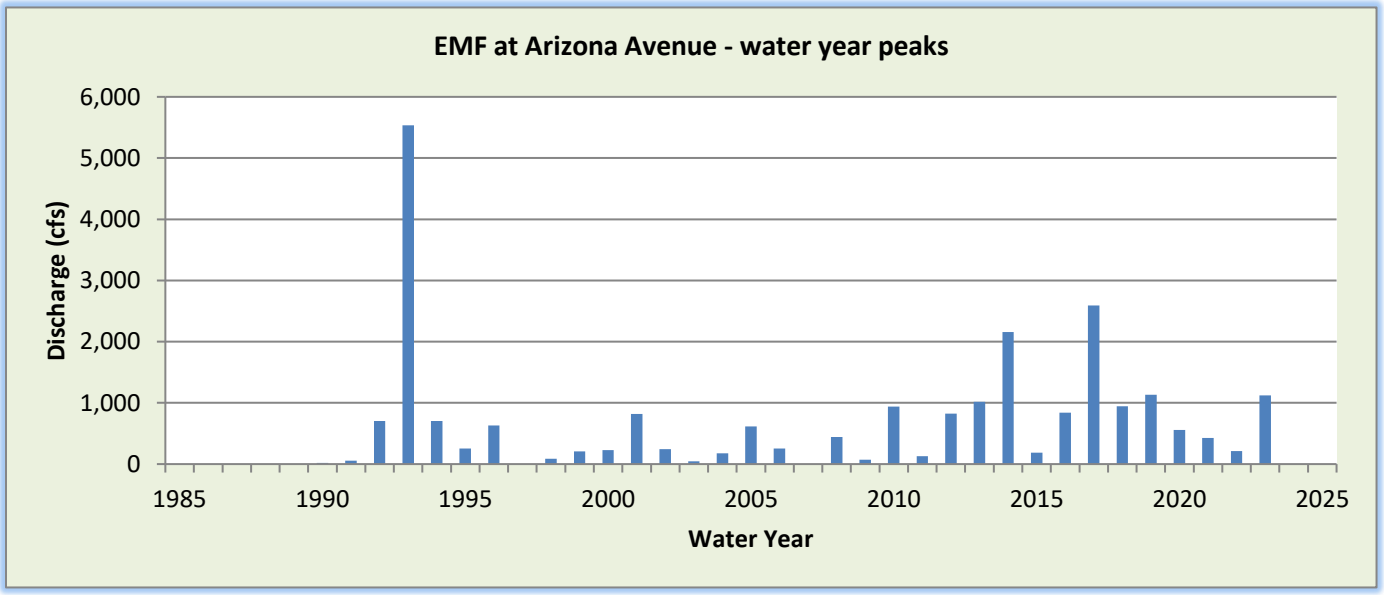


Site Data

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
ARIZONA STATE PLANE	E 723128 | N 788822
USGS QUAD SHEET	Gila Butte 7.5-Minute
STREAMGAGE INSTALLATION DATE	02/10/1989 – WY 1989
PERIOD OF AVAILABLE DATA RECORD	02/10/1989 – Current
LENGTH OF AVAILABLE DATA RECORD	34.64 Years | 12,651 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	-0.15 feet Gage Height
STAFF GAGES	One
CREST STAGE GAGES	One
ZERO GAGE HEIGHT ELEVATION	1,210.50 feet NAVD88
POINT OF ZERO FLOW	0.15 feet Gage Height
EXTREME FOR PERIOD OF RECORD	5,536 cfs | 4.07 feet | 01/11/1993

Watershed Map

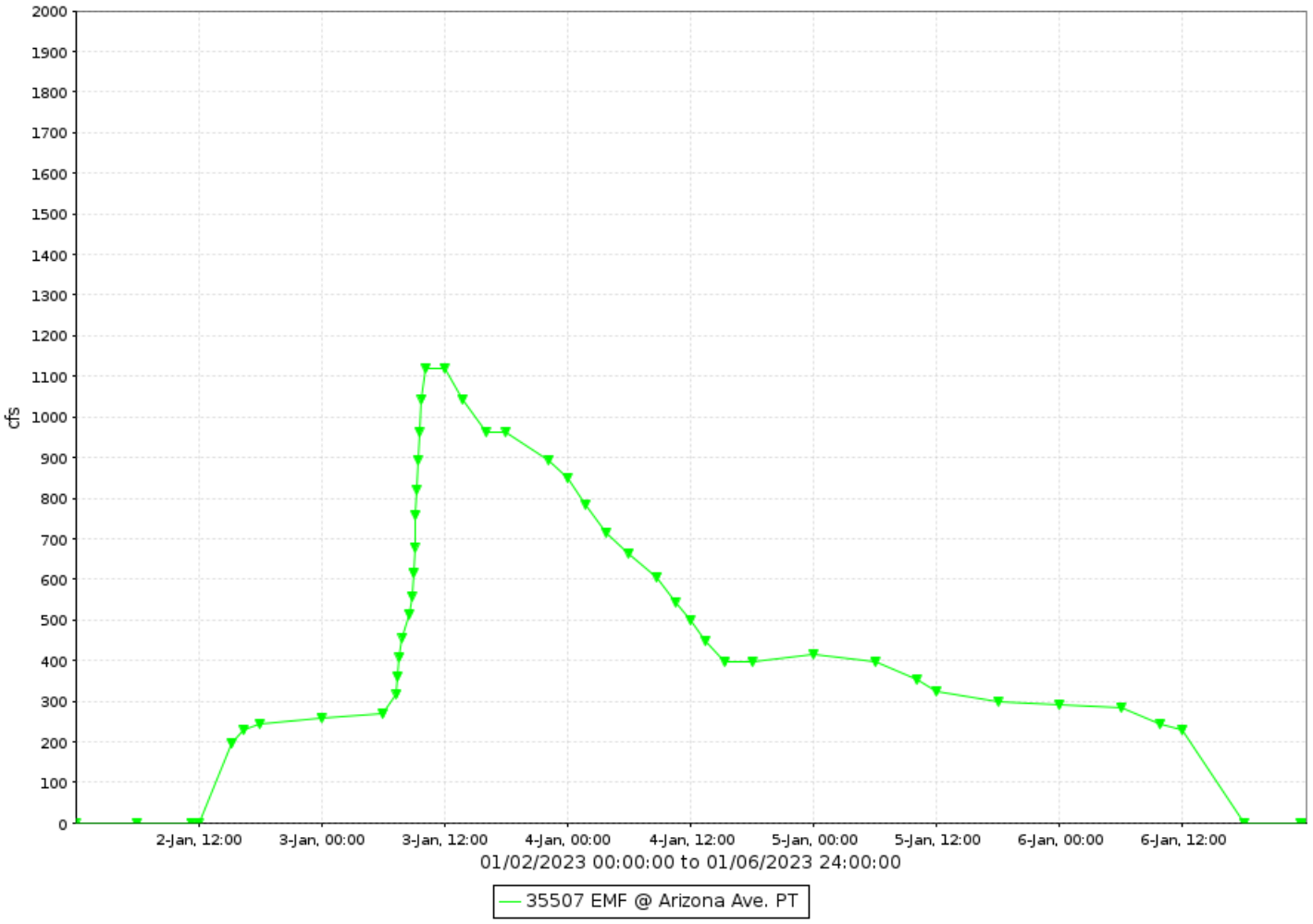




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
10/12	1.37	428
10/16	1.77	605
12/5	1.42	449
1/3	2.69	1120
1/18	2.69	1120
3/3	1.32	408

Hydrograph of peak WY 2023 flow event, 01/03/2023



EMF at Arizona Avenue, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2				85								
3				736		94						
4				557		278						
5			128	355								
6			365	197								
7			301									
8			285									
9			267									
10			250									
11	31		161									
12	144											
13												
14												
15	94											
16	360											
17	338			25								
18	313			747								
19	172			573								
20				359								
21				215								
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	1453	0	1758	3849	0	372	0	0	0	0	0	0
MEAN	47	0	57	124	0	12	0	0	0	0	0	0
MAX	605	0	449	1120	0	408	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	2882	0	3486	7635	0	738	0	0	0	0	0	0

WTR YR 2023 TOTAL 7432 MEAN 20 MAX 1120 MIN 0 AC_FT 14741

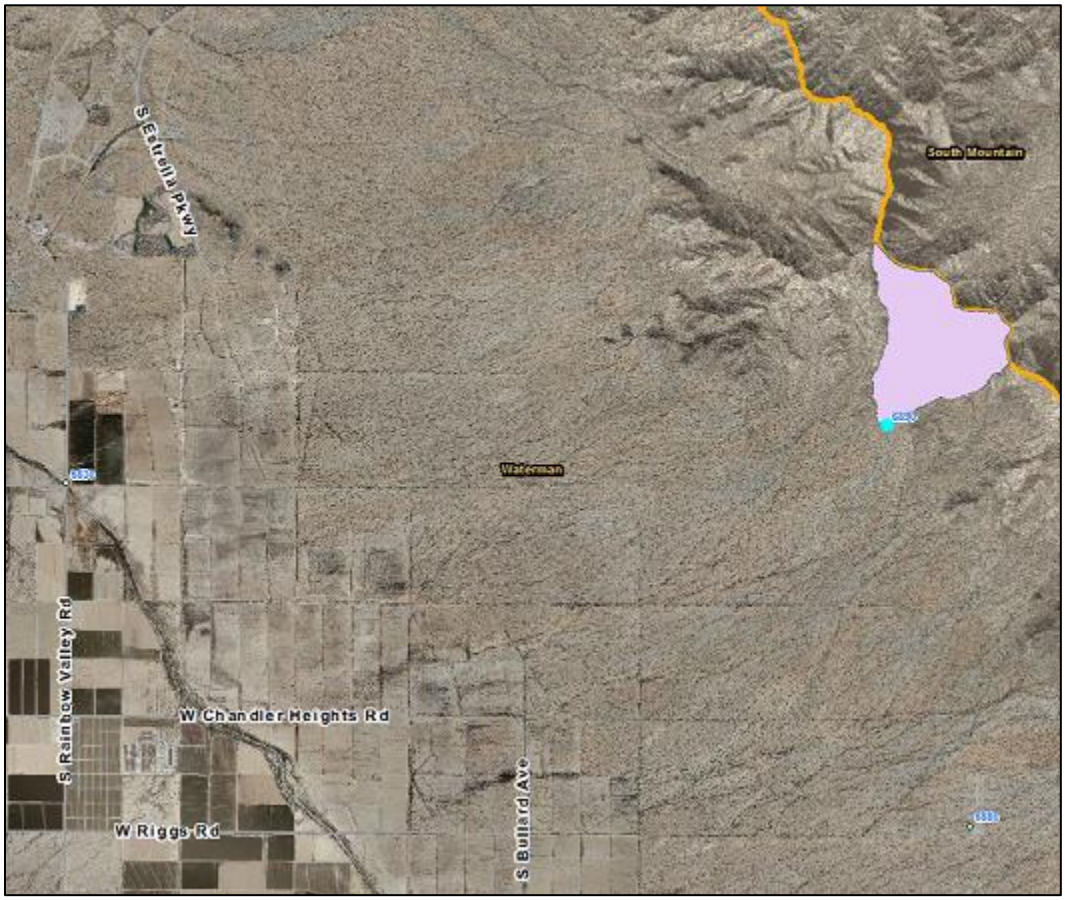
Estrella Fan, ID #84207

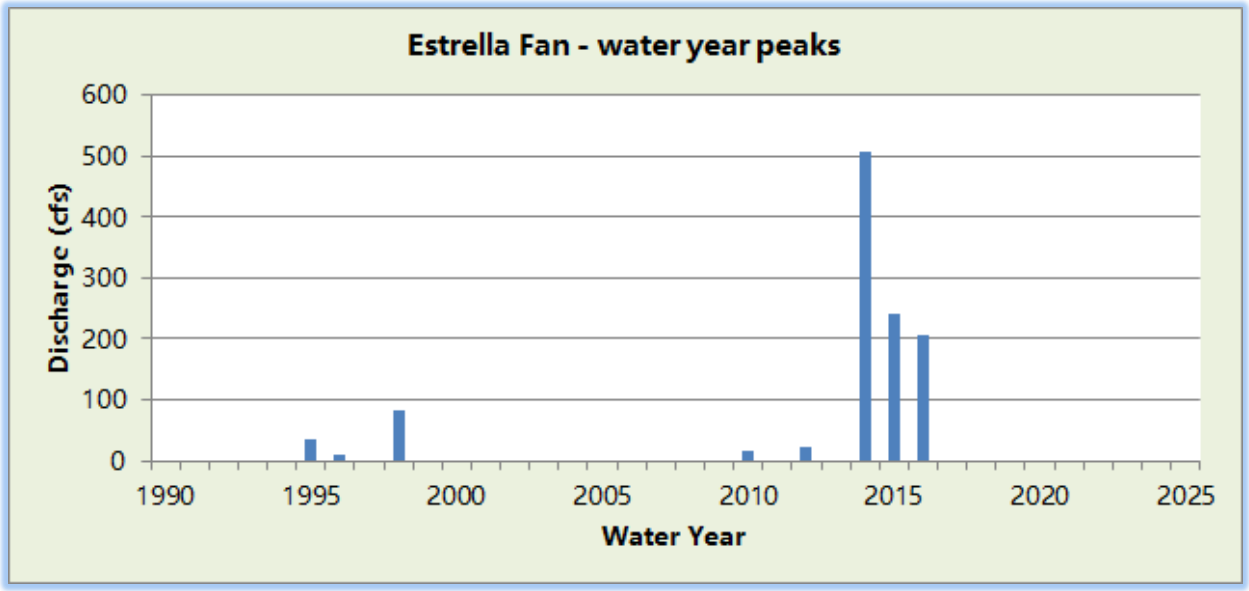


Site Data

LOCATION	Located in northwest part of the Estrella Mountains
DRAINAGE AREA	1.1 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
ARIZONA STATE PLANE	E 576437 | N 825813
USGS QUAD SHEET	Avondale SE 7.5-Minute
STREAMGAGE INSTALLATION DATE	04/30/1993 – WY 1993
PERIOD OF AVAILABLE DATA RECORD	04/30/1993 – Current
LENGTH OF AVAILABLE DATA RECORD	30.42 Years | 11,111 Days
GAPS IN RECORD	03/04/2023 – 04/07/2023
STAGE GAGE TYPE	Pressure Transducer
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	1,446.87 feet NAVD88
POINT OF ZERO FLOW	0.2 feet Gage Height
EXTREME FOR PERIOD OF RECORD	508 cfs | 1.60 feet | 09/08/2014

Watershed Map





WY2023 Events

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

Hydrograph of peak WY 2023 flow event,

No runoff events occurred in Water Year 2023.

Estrella Fan, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

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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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 2023 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

*Station was intermittently down between March 4th to April 7th. No events were missed

Flying E Wash, ID #51707

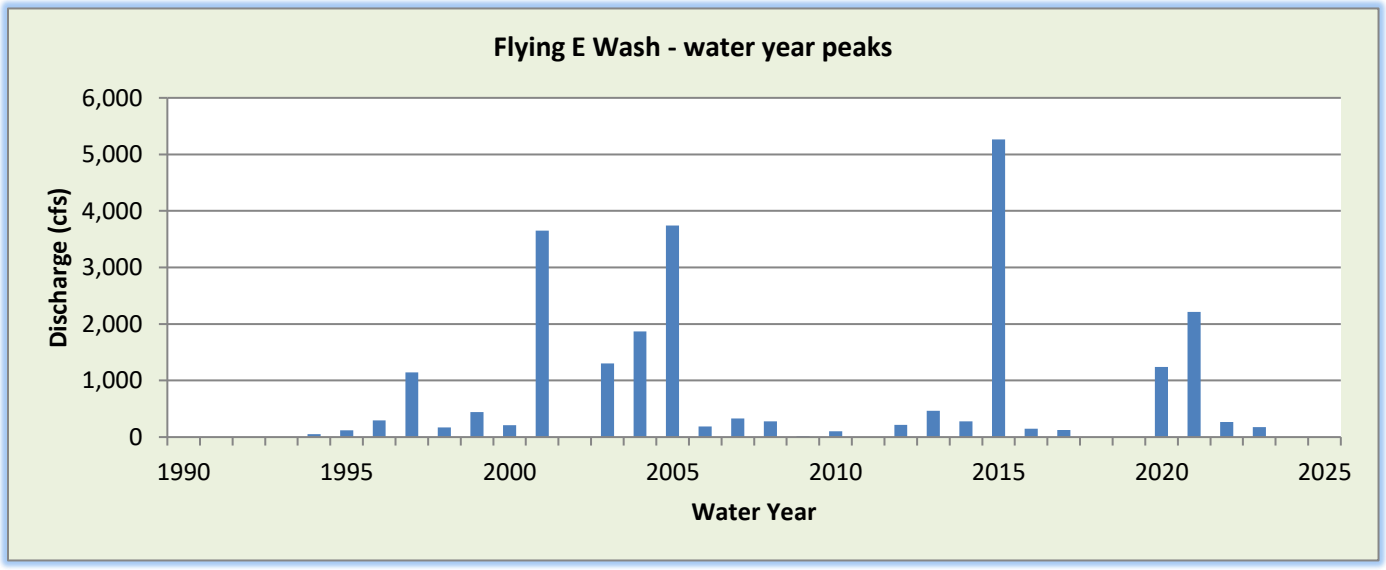


Site Data

LOCATION	About 1 mile west of Vulture Mine Road on US 60
DRAINAGE AREA	8.6 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
ARIZONA STATE PLANE	E 437353 | N 1078752
USGS QUAD SHEET	Vulture Peak 7.5-Minute
STREAMGAGE INSTALLATION DATE	07/12/1994 – WY 1994
PERIOD OF AVAILABLE DATA RECORD	07/12/1994 – Current
LENGTH OF AVAILABLE DATA RECORD	29.22 Years | 10,673 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.00 feet Gage Height
STAFF GAGES	1
CREST STAGE GAGES	2
ZERO GAGE HEIGHT ELEVATION	2,283.20 feet NAVD88
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

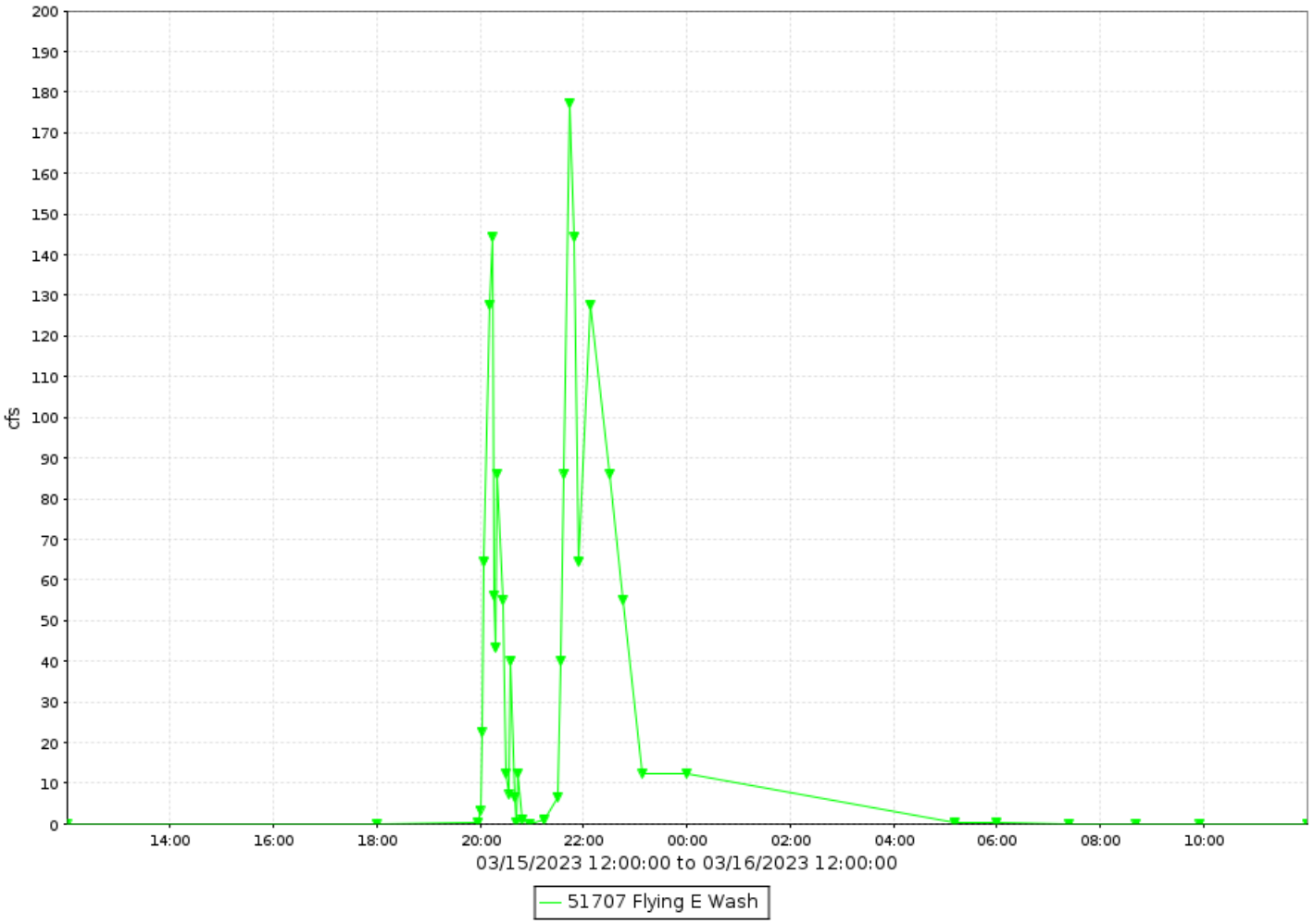




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
3/15	1.47	177
5/19	1.28	113

Hydrograph of peak WY 2023 flow event, 03/15/2023



Flying E Wash, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

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						3						
17												
18												
19								25				
20								---				
21								---				
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	0	0	11	0	272	0	0	0	0
MEAN	0	0	0	0	0	0	0	9	0	0	0	0
MAX	0	0	0	0	0	177	0	113	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	22	0	539	0	0	0	0

WTR YR 2023 TOTAL 283 MEAN 1 MAX 177 MIN 0 AC_FT 561

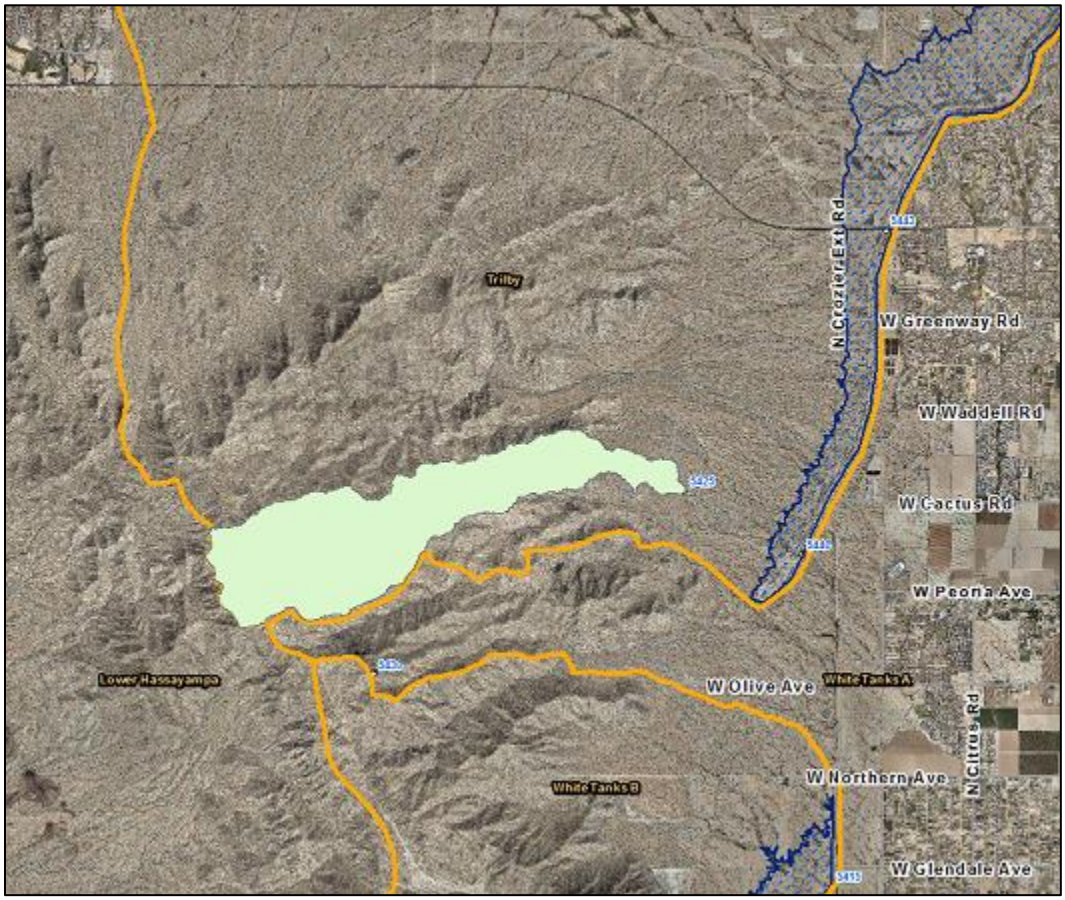
Ford Canyon Wash, ID #86207

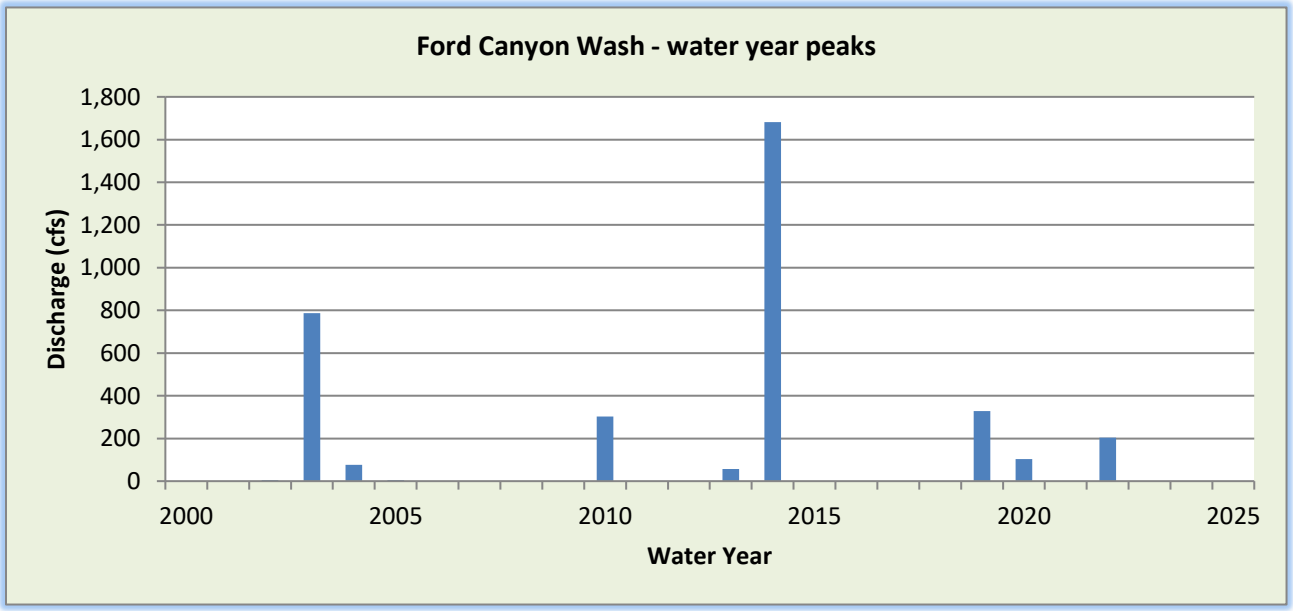


Site Data

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
ARIZONA STATE PLANE	E 522575 | N 945100
USGS QUAD SHEET	Waddell 7.5-Minute
STREAMGAGE INSTALLATION DATE	02/05/2002 – WY 2002
PERIOD OF AVAILABLE DATA RECORD	02/05/2002 – Current
LENGTH OF AVAILABLE DATA RECORD	21.65 Years | 7,908 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.72 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	1,468.07 feet NAVD88
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





WY2023 Events

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

Hydrograph of peak WY 2023 flow event

No runoff recorded during Water Year 2023.

Ford Canyon Wash, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

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												
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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 2023 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

Fourth of July Wash, ID #41207

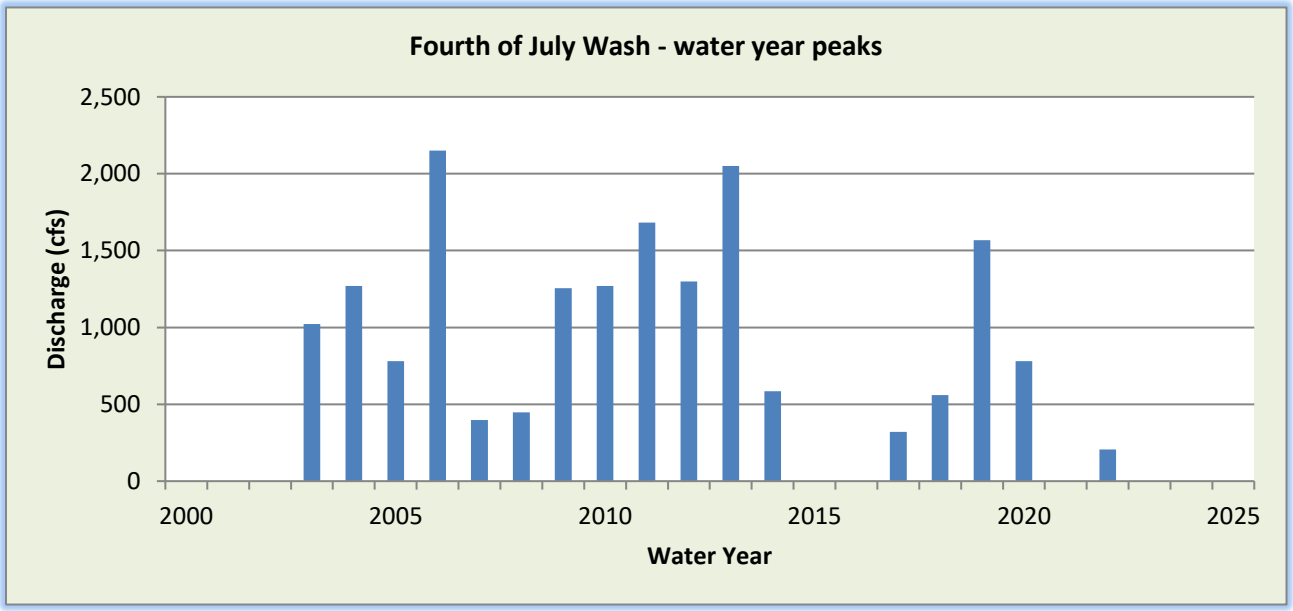


Site Data

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
ARIZONA STATE PLANE	E 329254 | N 830693
USGS QUAD SHEET	Cortez Peak 7.5-Minute
STREAMGAGE INSTALLATION DATE	03/14/2002 – WY 2002
PERIOD OF AVAILABLE DATA RECORD	03/14/2002 – Current
LENGTH OF AVAILABLE DATA RECORD	21.55 Years | 7,871 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.20 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	1,110.00 feet NAVD88
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	2,150 cfs | 4.35 feet | 08/30/2006

Watershed Map





WY2023 Events

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

Hydrograph of peak WY 2023 flow event

No runoff recorded during Water Year 2023.

Fourth of July Wash, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

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										---		
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20								---				
21								---		---		
22												
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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 2023 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

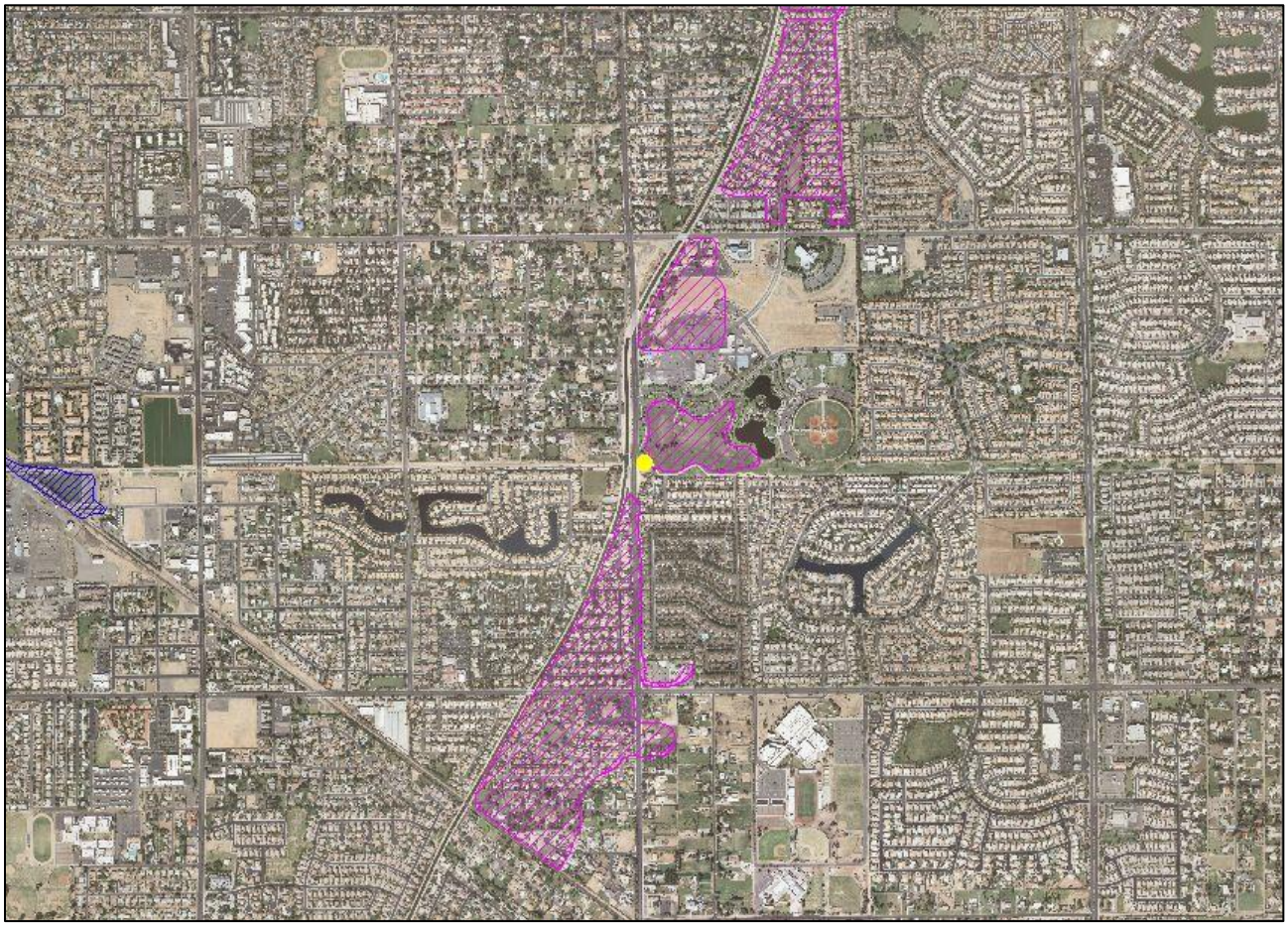
Freestone Basin, ID #32807

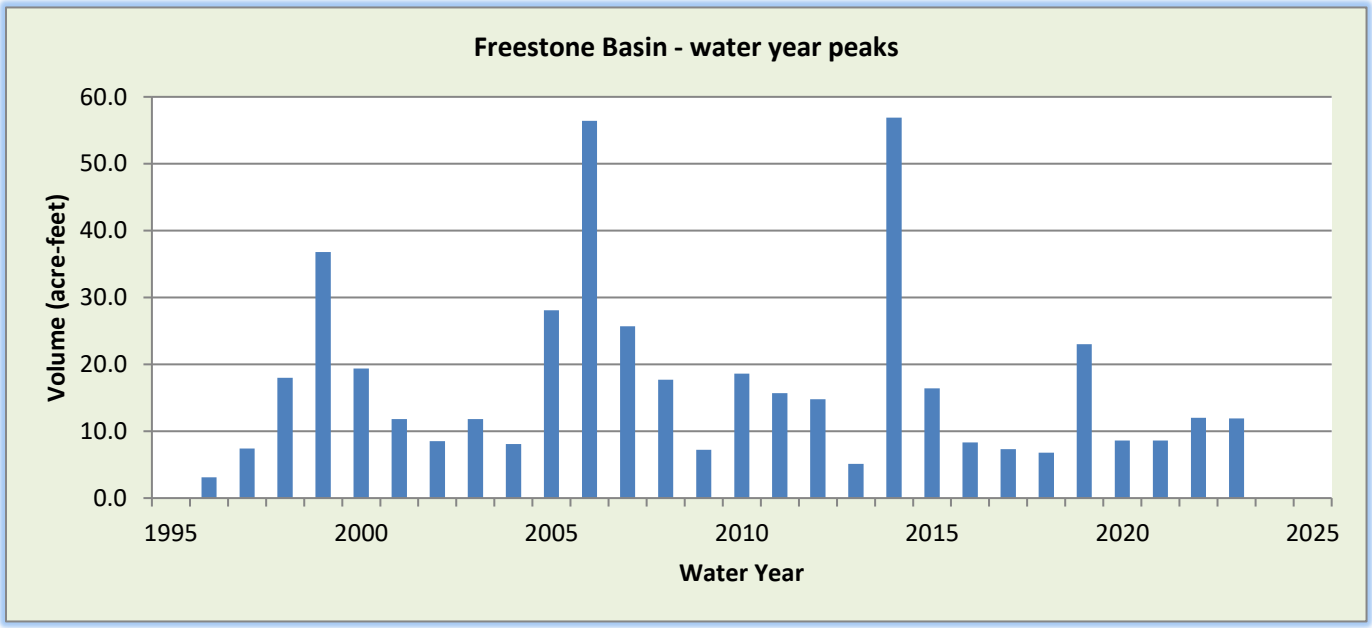


Site Data

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
ARIZONA STATE PLANE	E 743945 | N 857576
USGS QUAD SHEET	Chandler 7.5-Minute
STREAMGAGE INSTALLATION DATE	12/19/1995 – WY 1996
PERIOD OF AVAILABLE DATA RECORD	12/19/1995 – Current
LENGTH OF AVAILABLE DATA RECORD	27.79 Years | 10,148 Days
GAPS (> 2 DAYS) IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	2.10 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,219.412 feet NAVD88
POINT OF ZERO FLOW	None – Pump Control
SPILLWAY CREST ELEVATION	None
TOP OF BASIN ELEVATION	25.0 feet Gage Height

Location Map

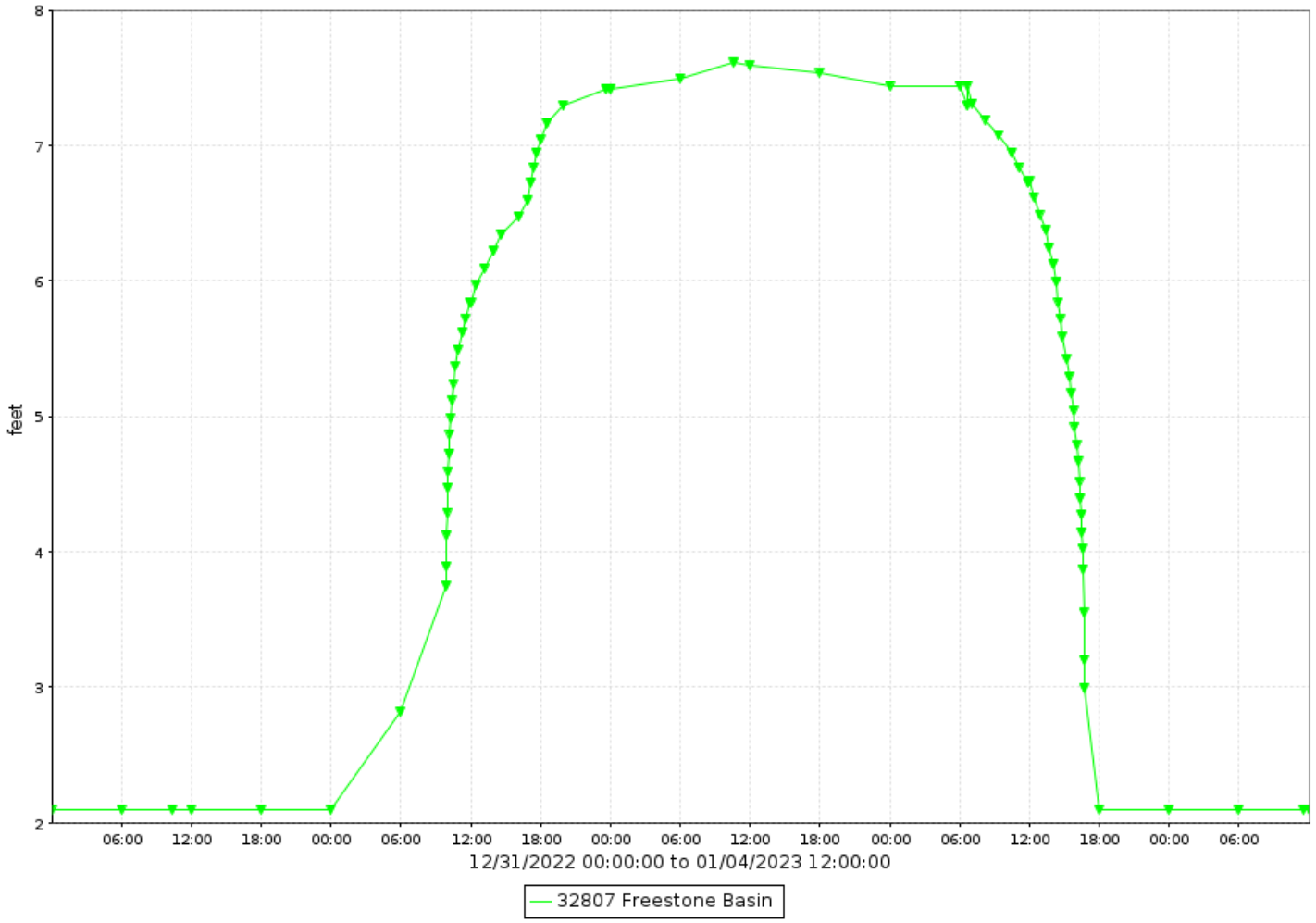




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
10/8	3.39	0.6	0.9
10/15	6.90	8.8	6.2
10/23	3.04	0.4	0.4
11/10	3.97	1.1	1.7
11/28	4.09	1.2	1.9
12/4	7.56	11.7	7.2
12/29	5.14	2.9	4.3
1/2	7.61	11.9	7.2
1/16	5.74	4.5	4.4
1/24	3.42	0.6	0.9

Hydrograph of peak 2023 impoundment event, 01/02/2023



Freestone Basin, volume data

Volume, in acre-feet, Water Year October 2022 to September 2023

Daily Mean Values

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

WTR YR 2023 MEAN 0 MAX 12 MIN 0

Freestone Basin, stage data

Depth, in feet, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.1	2.1	2.6	4.8	2.3	2.1	2.1	2.1	2.1	2.1	2.1	2.1
2	2.3	2.1	2.1	7.5	2.9	2.1	2.1	2.1	2.1	2.1	2.1	2.1
3	2.2	2.1	4.0	5.5	2.9	2.1	2.1	2.1	2.1	2.1	2.1	2.1
4	2.1	2.1	7.4	2.1	2.9	2.1	2.1	2.1	2.1	2.1	2.1	2.1
5	2.1	2.1	5.5	2.1	2.9	2.1	2.1	2.1	2.1	2.1	2.1	2.1
6	2.1	2.1	2.5	2.1	2.9	2.1	2.1	2.1	2.1	2.1	2.1	2.1
7	2.2	2.1	2.1	2.1	2.9	2.1	2.1	2.1	2.1	2.1	2.1	2.1
8	3.3	2.8	2.1	2.1	2.6	2.1	2.1	2.1	2.1	2.1	2.1	2.1
9	3.1	3.2	2.1	2.1	2.4	2.1	2.1	2.1	2.1	2.1	2.1	2.1
10	2.4	3.8	2.1	2.1	2.2	2.1	2.1	2.1	2.1	2.1	2.1	2.1
11	2.5	3.0	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
12	2.4	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
13	2.2	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
14	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
15	4.1	2.1	2.1	3.4	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
16	3.6	2.1	2.1	5.1	2.7	2.1	2.1	2.1	2.1	2.1	2.1	2.1
17	3.2	2.1	2.1	4.0	3.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
18	2.6	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
19	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
20	2.1	2.1	2.1	2.1	2.3	2.1	2.1	2.1	2.1	2.1	2.1	2.1
21	2.1	2.1	2.1	2.1	2.9	2.1	2.1	2.1	2.1	2.1	2.1	2.1
22	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
23	2.4	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	0.0	2.1
24	2.5	2.1	2.1	2.6	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
25	2.1	2.1	2.1	2.3	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
26	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
27	2.1	2.4	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
28	2.1	3.6	4.3	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
29	2.1	3.8	3.6	2.1	---	2.1	2.1	2.1	2.1	2.1	2.1	2.1
30	2.1	3.9	3.0	2.1	---	2.1	2.1	2.1	2.1	2.1	2.1	2.1
31	2.1	---	2.1	2.1	---	2.1	---	2.1	---	2.1	2.1	---
MEAN	2.4	2.4	2.6	2.7	2.4	2.1	2.1	2.1	2.1	2.1	2.1	2.1
MAX	6.9	4.1	7.6	7.6	5.2	2.1	2.1	2.1	2.1	2.1	2.1	2.1
MIN	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1

WTR YR 2023 MEAN 2.27 MAX 7.61 MIN 2.10

Galloway Wash at Galloway Road, ID #20607

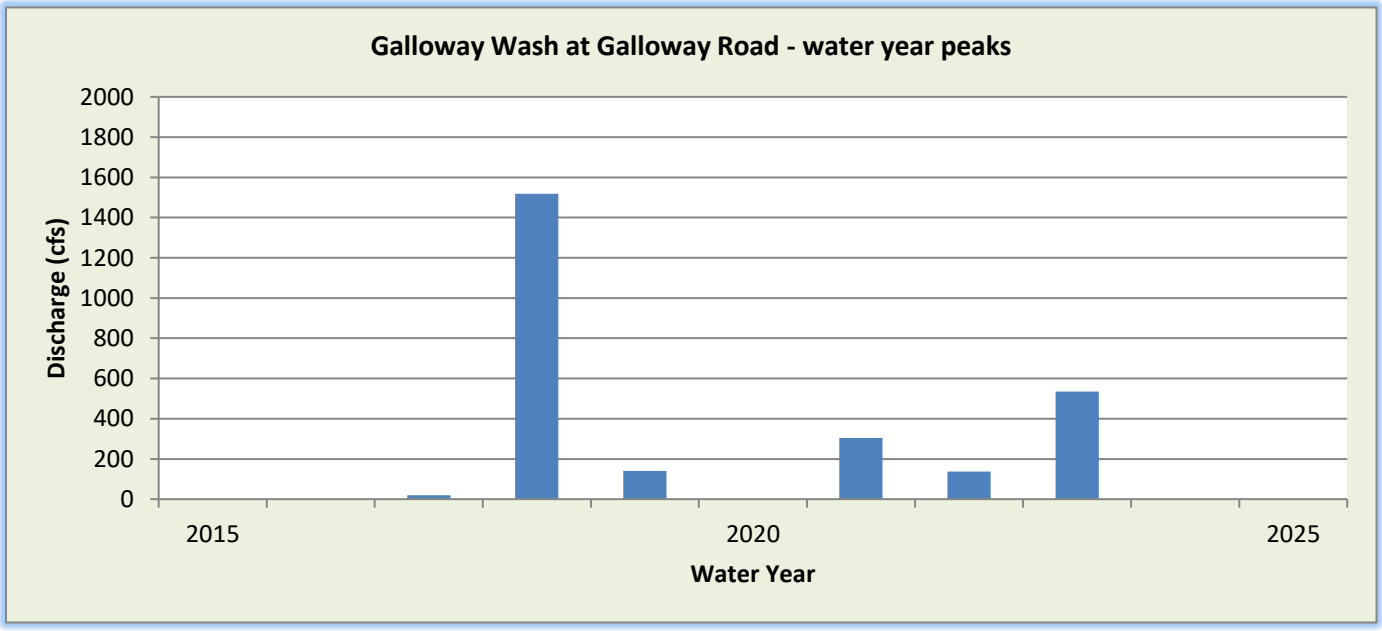


Site Data

LOCATION	Located on Galloway Road about 1/8 mile north of Cave Creek Road
DRAINAGE AREA	6.6 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
ARIZONA STATE PLANE	E 696370 | N 1030150
USGS QUAD SHEET	Cave Creek 7.5-Minute
STREAMGAGE INSTALLATION DATE	08/16/2016 – WY 2016
PERIOD OF AVAILABLE DATA RECORD	08/16/2016 – Current
LENGTH OF AVAILABLE DATA RECORD	7.12 Years | 2,602 Days
GAPS (> 2 DAYS) IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
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

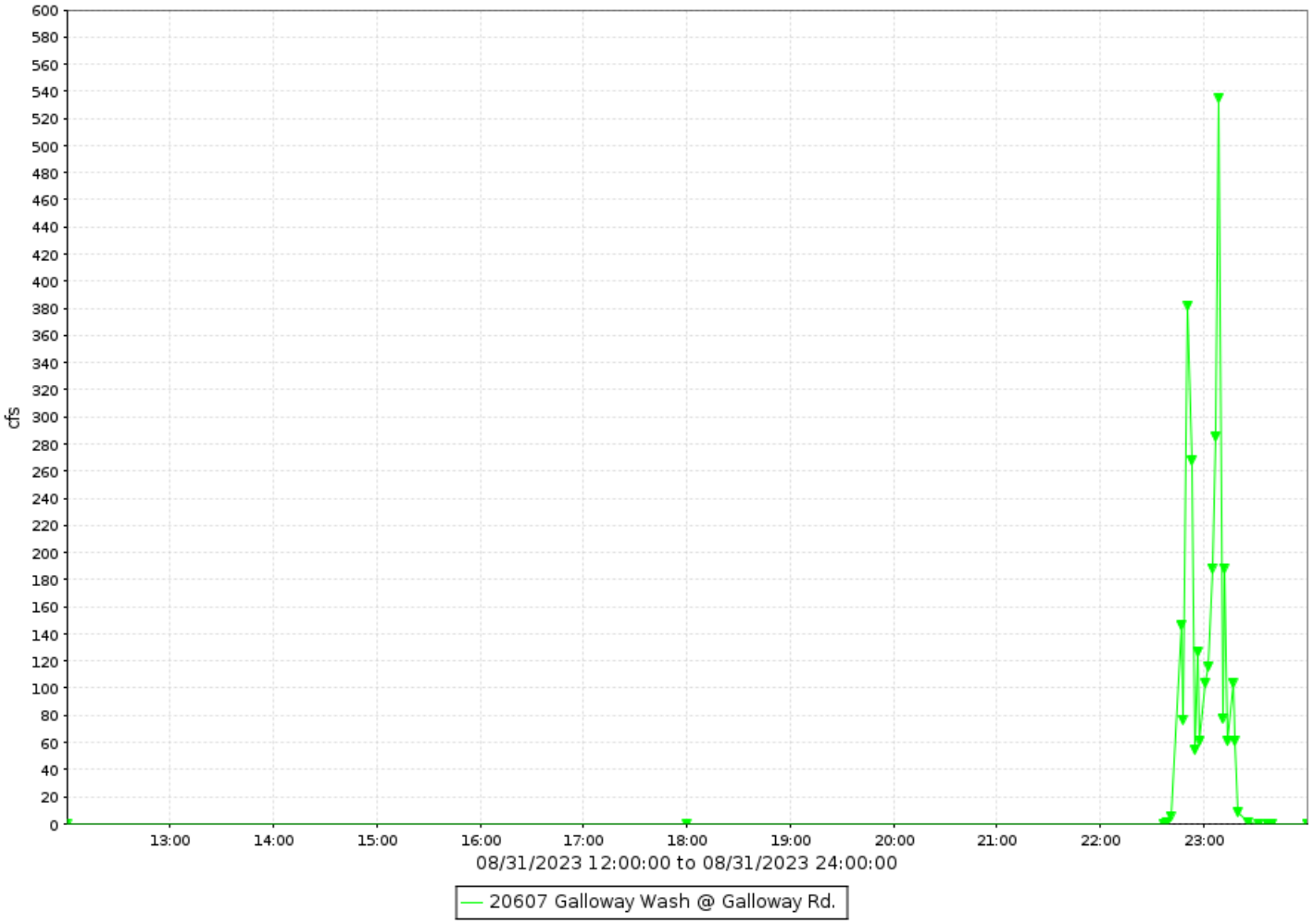




WY2023 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
8/31	1.66	535

Hydrograph of peak WY 2023 flow event, 08/31/2023



Galloway Wash at Galloway Road, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

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		---			---		---		---		4	---
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	535	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	8	0

WTR YR 2023 TOTAL 4 MEAN 0 MAX 535 MIN 0 AC_FT 8

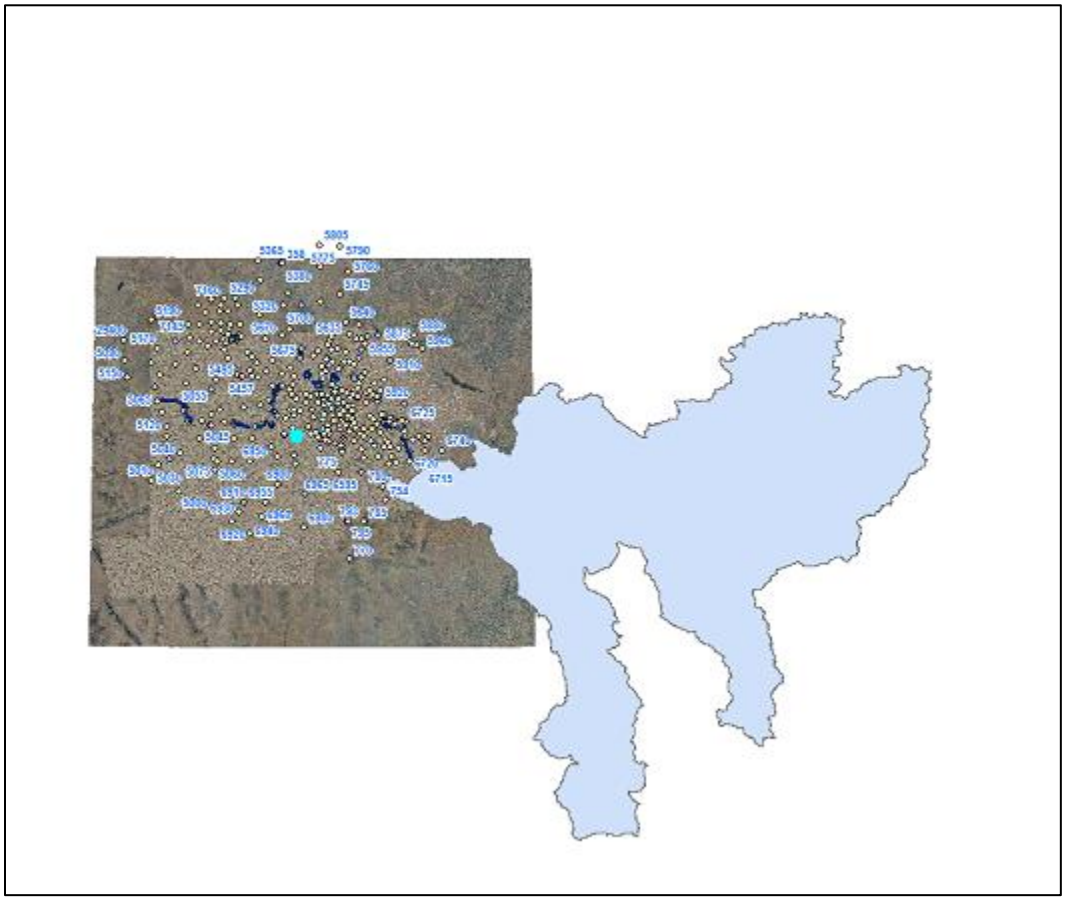
Gila River at Olberg Road, ID #42007

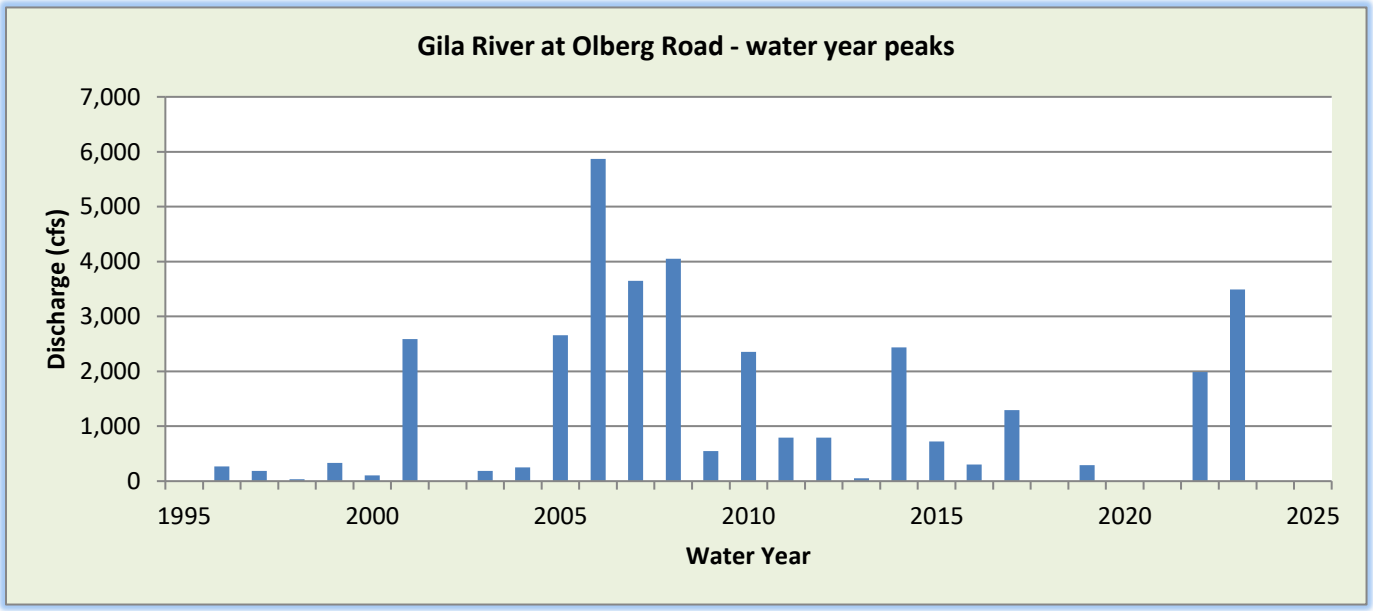


Site Data

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
ARIZONA STATE PLANE	E 770396 | N 759334
USGS QUAD SHEET	Sacaton 7.5-Minute
STREAMGAGE INSTALLATION DATE	04/12/1995 – WY 1995
PERIOD OF AVAILABLE DATA RECORD	04/12/1995 – Current
LENGTH OF AVAILABLE DATA RECORD	28.47 Years | 10,399 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.25 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,284.689 feet NAVD88
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

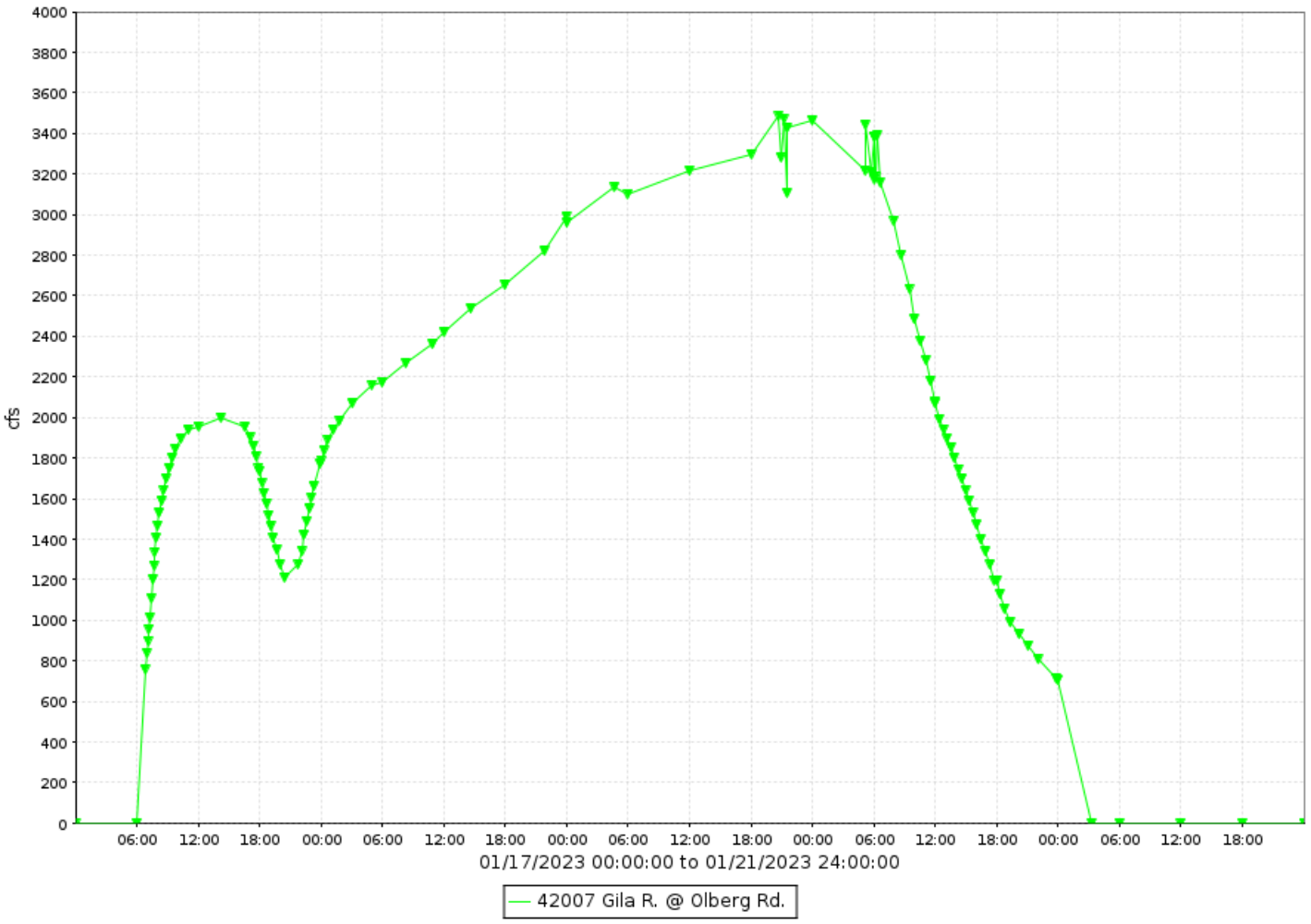




WY2023 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
10/15	1.45	1410
12/6	2.37	1873
1/4	2.82	2159
1/9	0.88	1048
1/11	0.77	979
1/12	1.07	1181
1/19	3.76	3489

Hydrograph of peak WY 2023 flow event, 01/19/2023



Gila River at Olberg Road, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1											---	
2											---	
3				1390							---	
4				2125							---	
5				1240							---	
6			1514	166							---	
7			1007								---	
8											---	
9				158							---	
10				149								
11				154								
12				206								
13				121								
14												
15	184											
16												
17				1199								
18				2364								
19				3170								
20				2203								
21				96								
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---					---		
31		---			---		---		---	---		---
TOTAL	184	0	2521	14742	0	0	0	0	0	0	0	0
MEAN	6	0	81	476	0	0	0	0	0	0	0	0
MAX	1410	0	1873	3489	0	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	366	0	5000	29241	0	0	0	0	0	0	0	0

WTR YR 2023 TOTAL 17448 MEAN 48 MAX 3489 MIN 0 AC_FT 34607

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

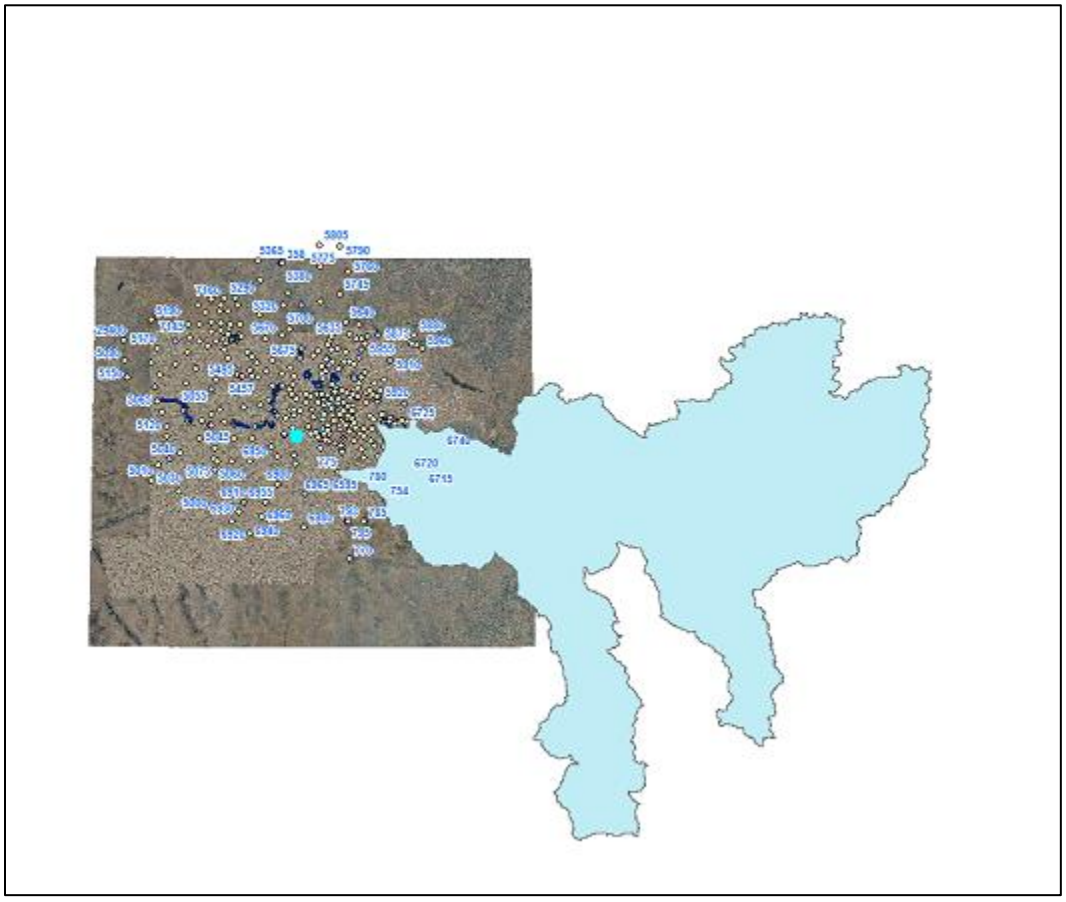
Gila River at Maricopa Road, ID #41707

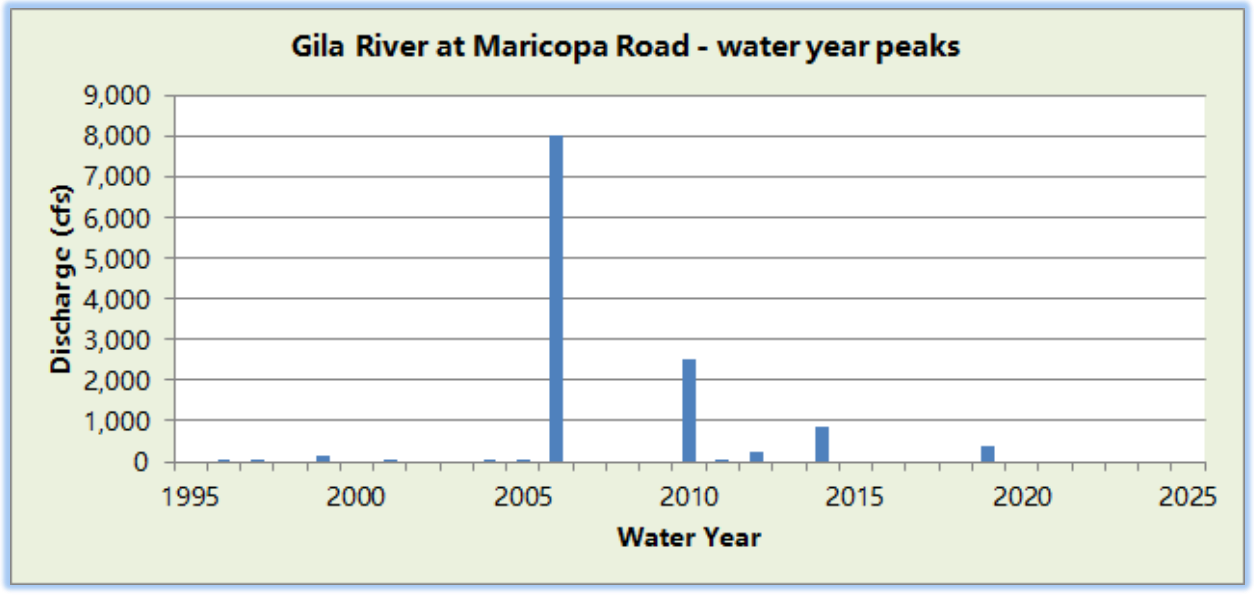


Site Data

LOCATION	On Maricopa Road (SR 347) about 5 miles north of Maricopa
DRAINAGE AREA	20,313 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
ARIZONA STATE PLANE	E 672658 | N 789695
USGS QUAD SHEET	Pima Butte 7.5-Minute
STREAMGAGE INSTALLATION DATE	04/09/1995 – WY 1995
PERIOD OF AVAILABLE DATA RECORD	04/09/1995 – Current
LENGTH OF AVAILABLE DATA RECORD	28.48 Years | 10,402 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	1.36 feet Gage Height
STAFF GAGES	3
CREST STAGE GAGES	2
ZERO GAGE HEIGHT ELEVATION	1,115.936 feet NAVD88
POINT OF ZERO FLOW	1.7 feet Gage Height
EXTREME FOR PERIOD OF RECORD	8,051 cfs | 3.99 feet | 07/31/2006

Watershed for Gila River at Maricopa Road





WY2023 Events

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

Hydrograph of peak WY 2023 flow event,

No runoff recorded in Water Year 2023.

Gila River at Maricopa Road, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

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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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 2023 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

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.

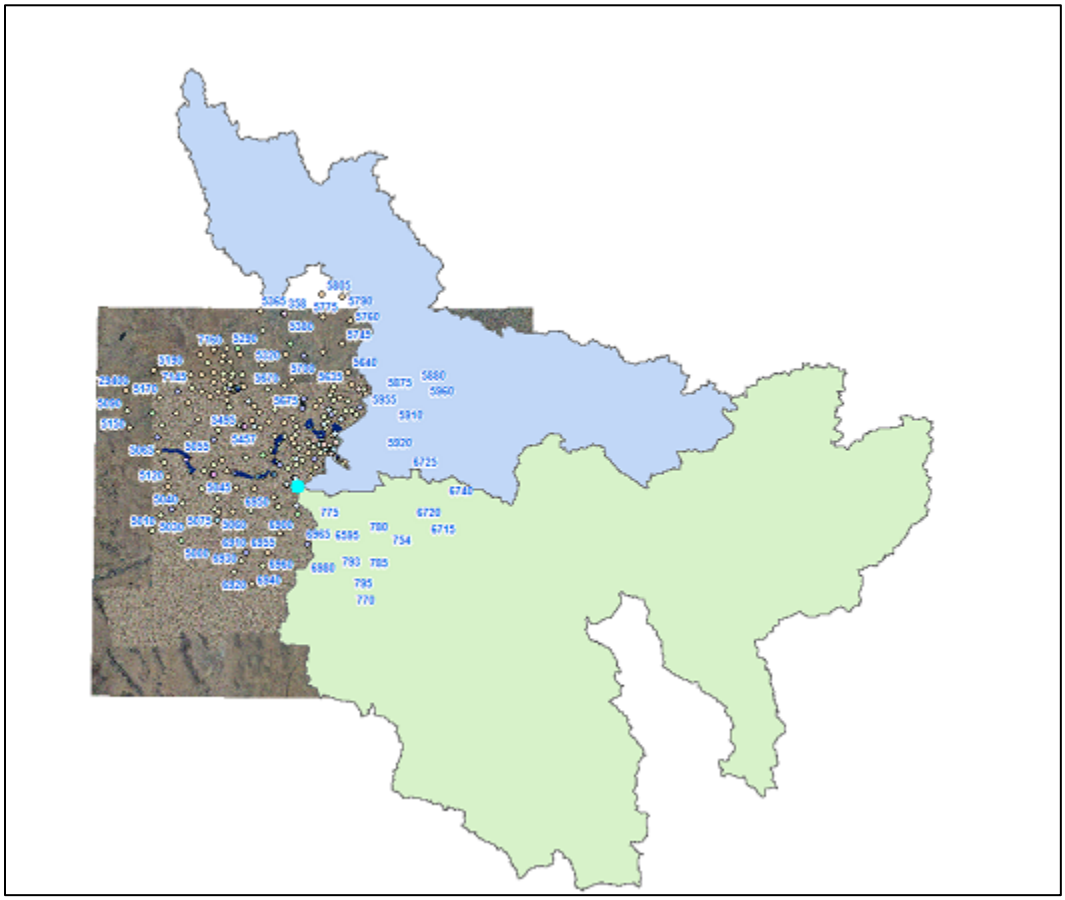
Gila River at 116th Avenue, ID #70707

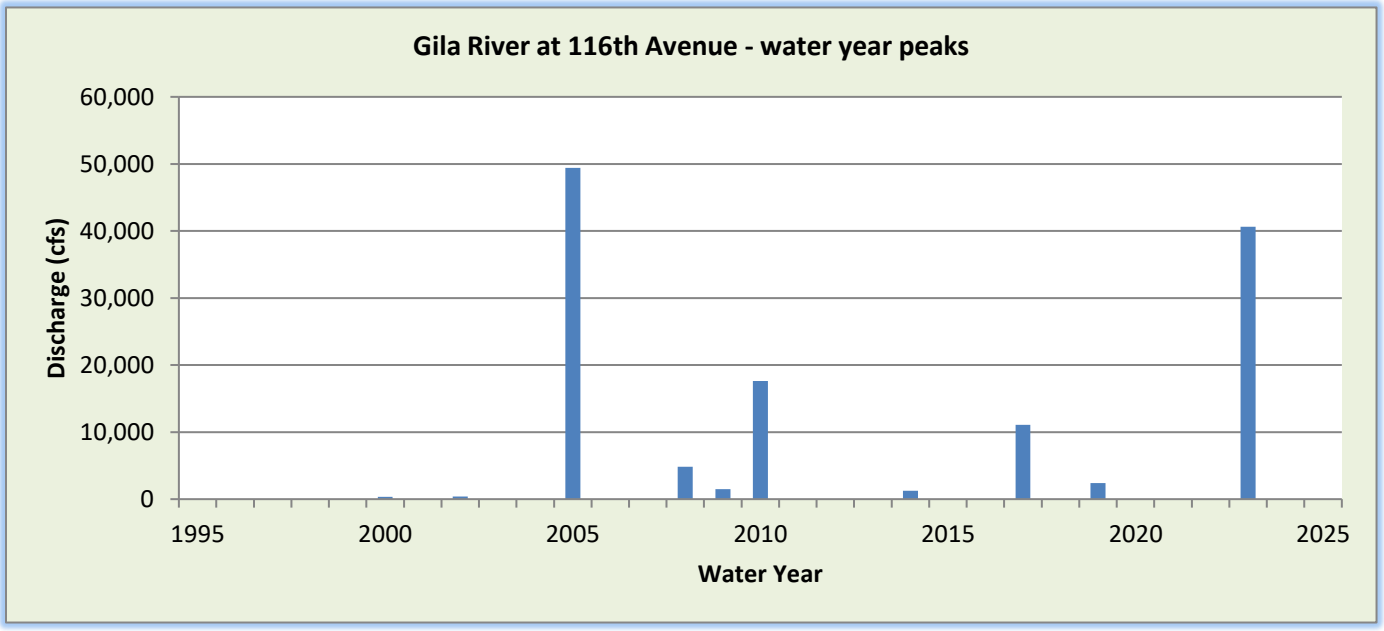


Site Data

LOCATION	Located on the Avondale Boulevard bridge crossing of the Gila River
DRAINAGE AREA	42,726 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
ARIZONA STATE PLANE	E 580514 | N 867021
USGS QUAD SHEET	Tolleson 7.5-Minute
STREAMGAGE INSTALLATION DATE	12/16/1998 – WY 1999
PERIOD OF AVAILABLE DATA RECORD	12/16/1998 – Current
LENGTH OF AVAILABLE DATA RECORD	24.79 Years | 9,055 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	1.15 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	929.737 feet NAVD88
POINT OF ZERO FLOW	-1.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	49,394 cfs | 9.15 feet | 02/13/2005

Watershed Map

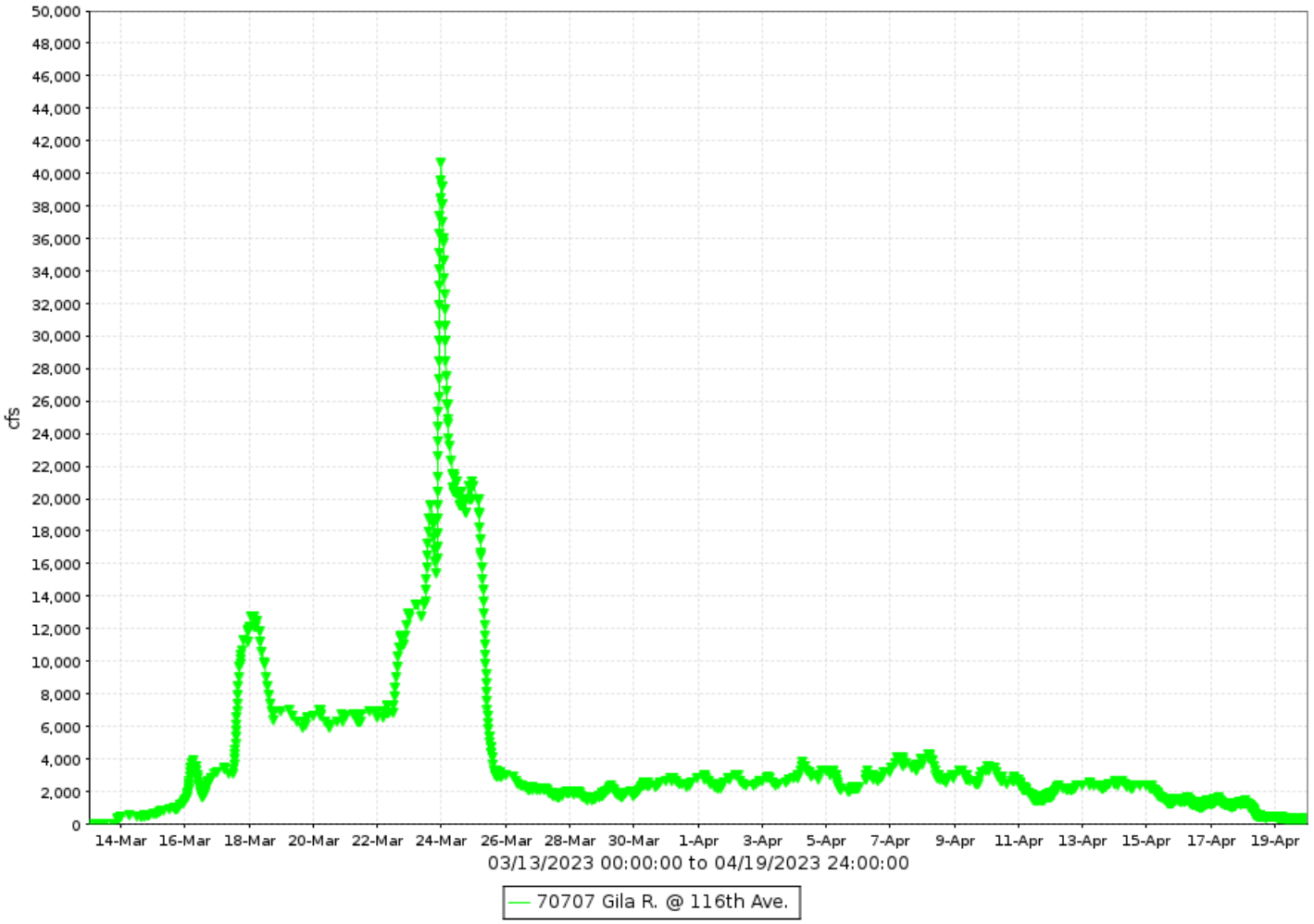




WY2023 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
3/23	8.39	40647

Hydrograph of peak WY 2023 flow event, 03/23/2023



Gila River at 116th Avenue, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1							2582					
2							2583					
3						50	2599					
4						50	3131					
5							2549	105				
6							2812	221				
7							3707					
8							3300					
9							2930					
10							2960					
11							1861					
12							2177					
13						31	2370					
14						489	2380					
15						878	1749					
16						2650	1334					
17						6051	1302					
18						9707	716					
19						6599	304					
20						6415	92					
21						6756						
22						8759						
23						16930						
24						23171						
25						9376						
26						2508						
27						1947						
28						1740						
29					---	1933						
30					---	2307						
31		---			---	2561	---		---			---
TOTAL	0	0	0	0	0	11090	43439	326	0	0	0	0
MEAN	0	0	0	0	0	3578	1448	11	0	0	0	0
MAX	0	0	0	0	0	40647	4266	392	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	219982	86160	646	0	0	0	0

WTR YR 2023 TOTAL 15467 MEAN 424 MAX 40647 MIN 0 AC_FT 306788

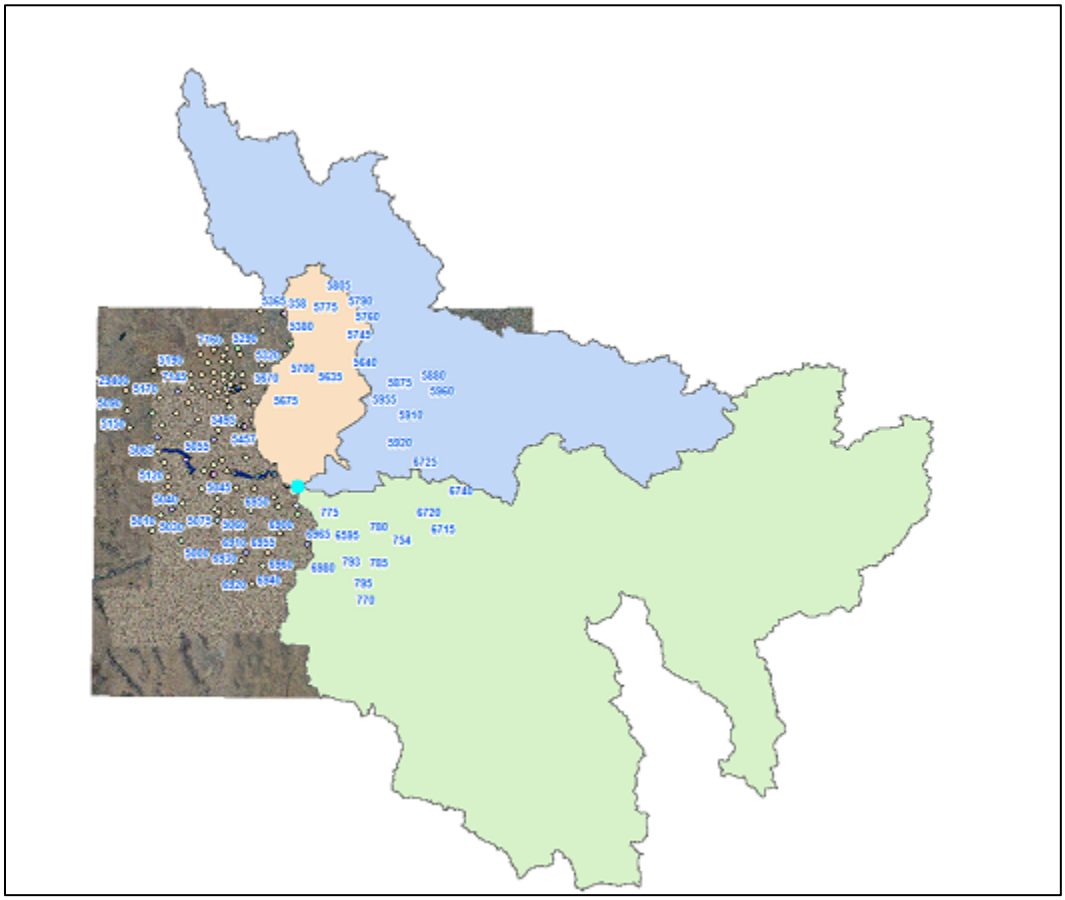
Gila River at Estrella Parkway, ID #83807

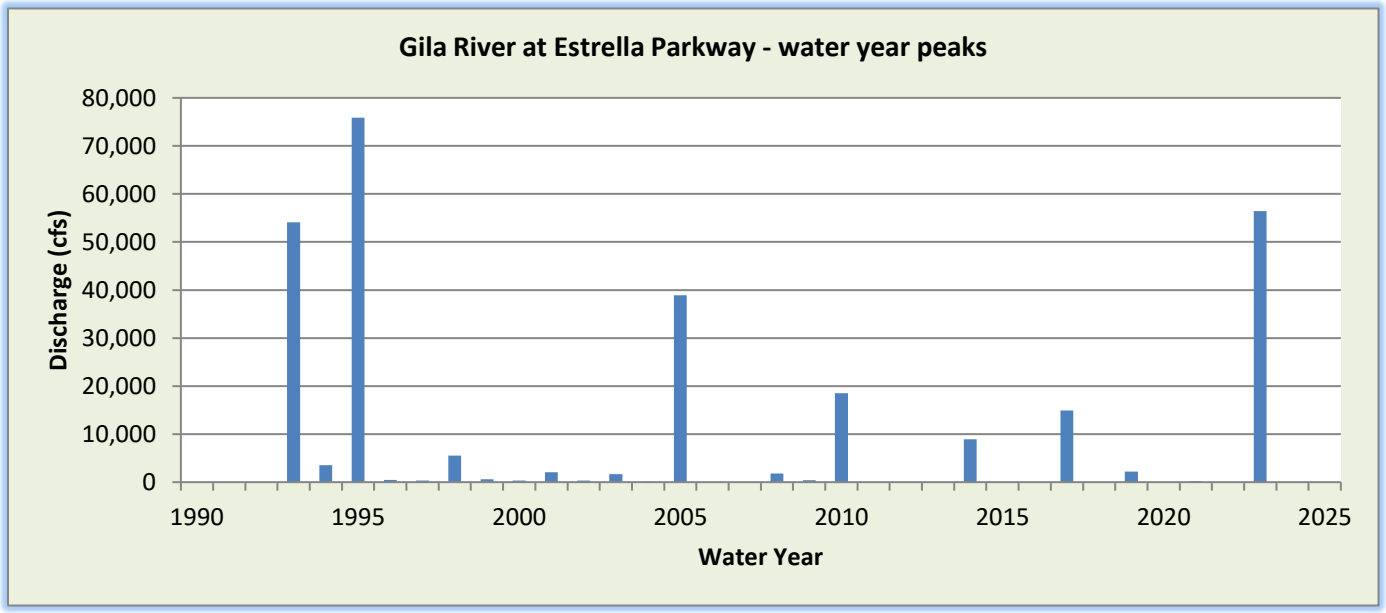


Site Data

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
ARIZONA STATE PLANE	E 554770 | N 869418
USGS QUAD SHEET	Perryville 7.5-Minute
STREAMGAGE INSTALLATION DATE	12/02/1992 – WY 1993
PERIOD OF AVAILABLE DATA RECORD	12/02/1992 – Current
LENGTH OF AVAILABLE DATA RECORD	30.83 Years | 11,260 Days
GAPS IN RECORD	01/08/1993 – 03/01/1993
STAGE GAGE TYPE	Pressure Transducer
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

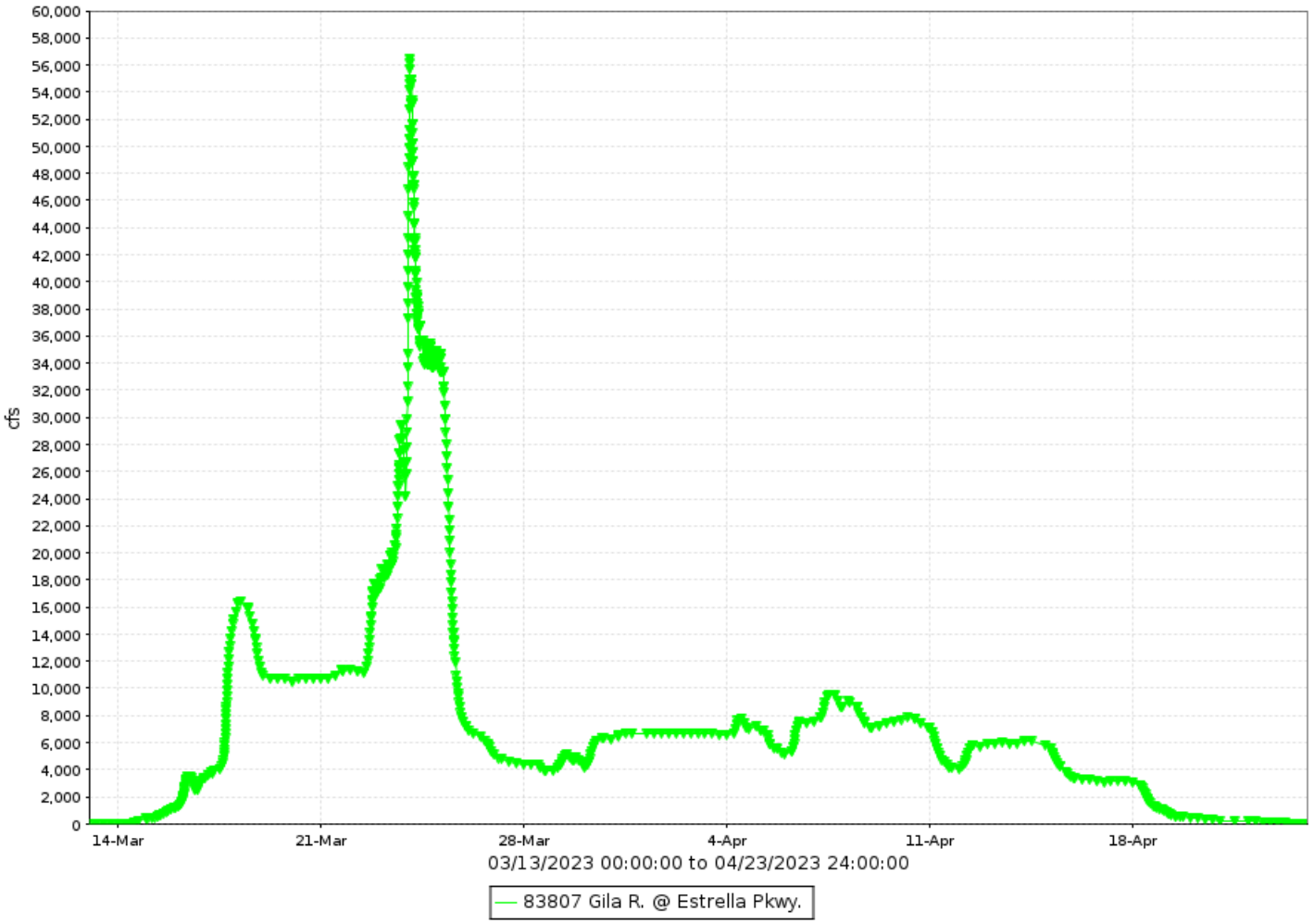




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
3/24	15.31	56396
5/6	5.67	529

Hydrograph of peak WY 2023 flow event, 03/24/2023



Gila River at Estrella Parkway, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1							6680					
2							6680					
3							6656					
4							7085					
5							6200	7				
6							6572	352				
7							8662	137				
8							8276	44				
9							7281	24				
10							7616	6				
11							5008					
12							5228					
13							5898					
14						83	6065					
15						691	4515					
16						2579	3234					
17						6242	3116					
18						14861	2061					
19						10742	667					
20						10608	377					
21						10879	216					
22						12990	137					
23						21825	30					
24						39124						
25						20142						
26						6347						
27						4703						
28						4202						
29					---	4597						
30					---	5532						
31		---			---	6505	---		---			---
TOTAL	0	0	0	0	0	18265	10826	569	0	0	0	0
MEAN	0	0	0	0	0	5892	3609	18	0	0	0	0
MAX	0	0	0	0	0	56396	9470	529	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	36228	21473	1129	0	0	0	0

WTR YR 2023 TOTAL 29148 MEAN 799 MAX 56396 MIN 0 AC_FT 578143

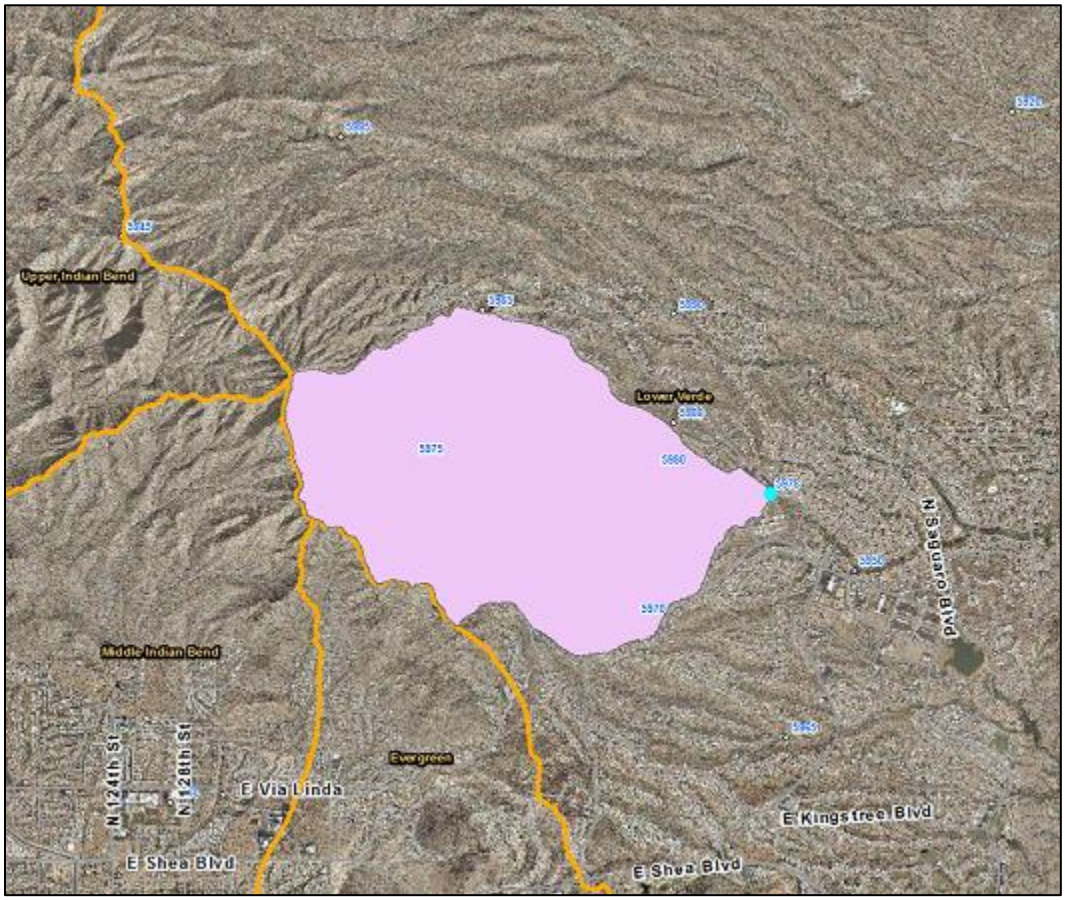
Golden Eagle Park Dam, ID #78007

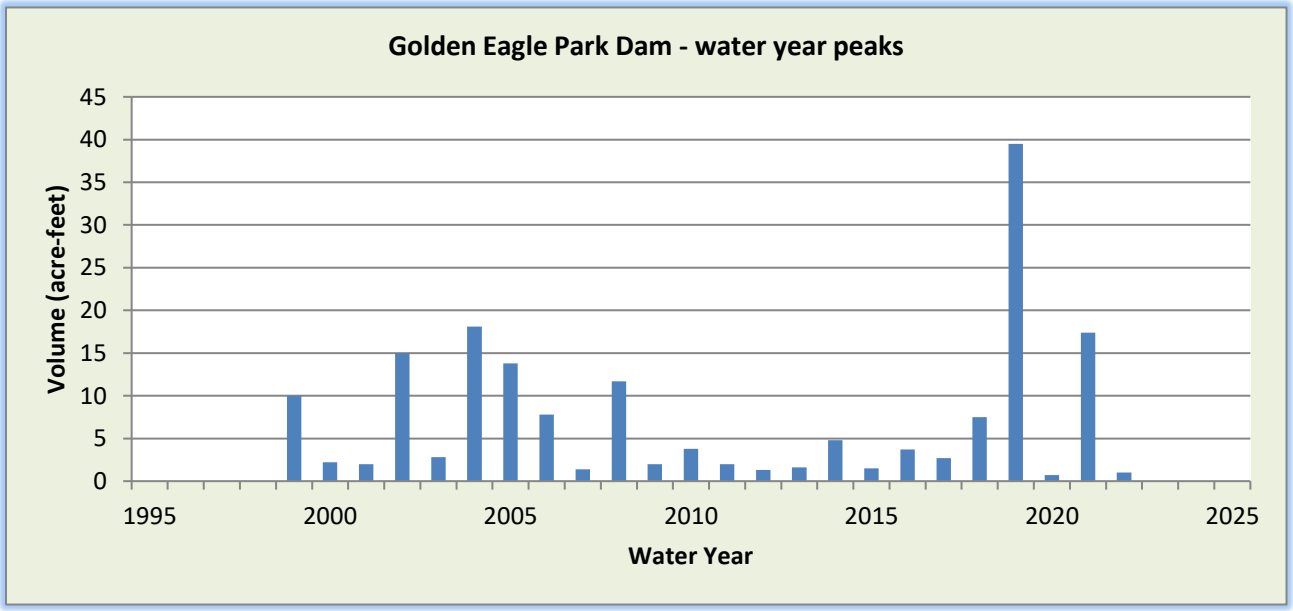


Site Data

LOCATION	**In Golden Eagle Park, near Fountain Hills High School**
DRAINAGE AREA	**4.82 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**
ARIZONA STATE PLANE	**E 755278 | N 952726**
USGS QUAD SHEET	**Granite Reef Dam 7.5-Minute**
STREAMGAGE INSTALLATION DATE	**12/12/1996 – WY 1997**
PERIOD OF AVAILABLE DATA RECORD	**12/12/1996 – Current**
LENGTH OF AVAILABLE DATA RECORD	**26.80 Years | 9,789 Days**
GAPS IN RECORD	**05/01/2000 – 03/05/2001 (station was located on inflow wash due to construction)**
STAGE GAGE TYPE	**Pressure Transducer**
STAGE GAGE ELEVATION	**3.05 feet Gage Height**
STAFF GAGES	**0**
CREST STAGE GAGES	**0**
ZERO GAGE HEIGHT ELEVATION	**1,696.745 feet NAVD88**
POINT OF ZERO FLOW	**0.00 feet Gage Height**
SPILLWAY CREST ELEVATION	**20.0 feet Gage Height**
TOP OF DAM ELEVATION	**31.7 feet Gage Height**

Watershed Map





WY2023 Events

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

Hydrograph of peak WY 2023 impoundment event

No impoundment recorded during Water Year 2023.

Golden Eagle Park Dam, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

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 2023 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

Golden Eagle Park Dam, volume data

Volume, in acre-feet, Water Year October 2022 to September 2023

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	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 2023 MEAN 0 MAX 0 MIN 0

Golden Eagle Park Dam, stage data

Depth, in feet, Water Year October 2022 to September 2023

Daily Mean Values

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

WTR YR 2023 MEAN 3.05 MAX 3.05 MIN 3.05

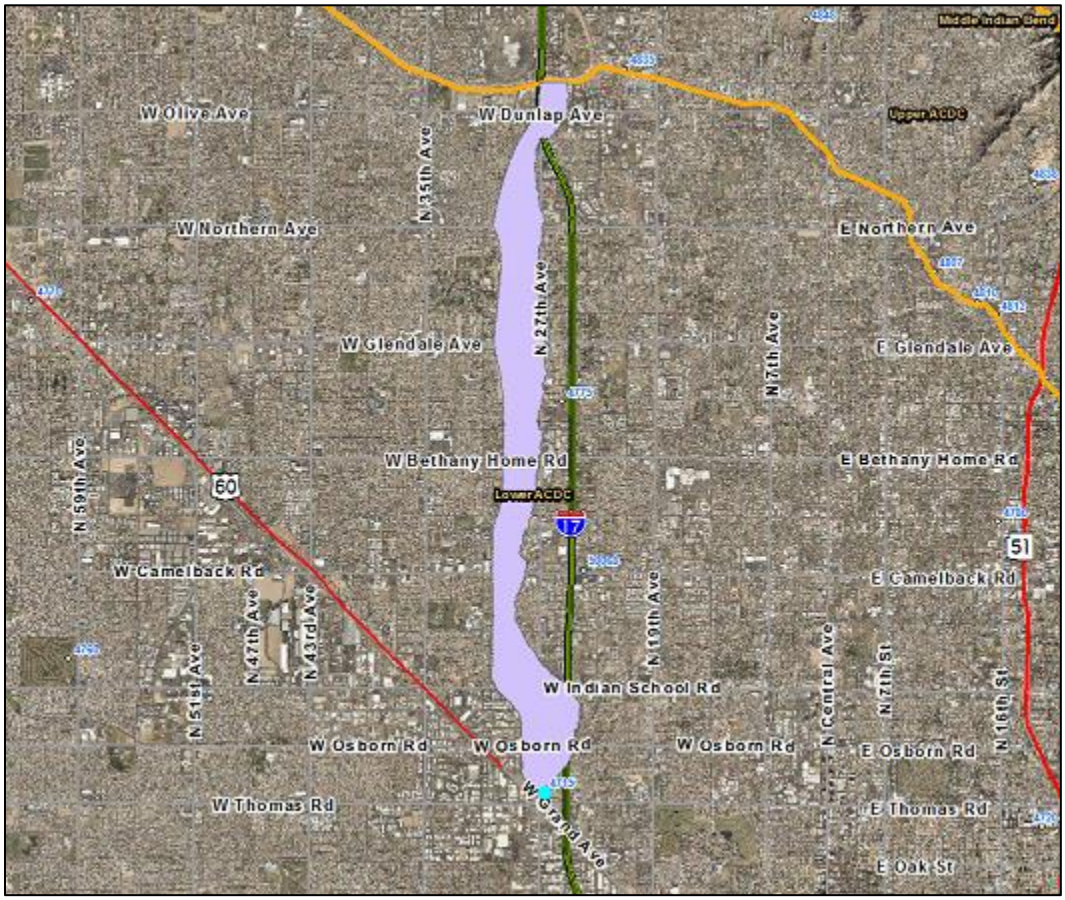
Grand Avenue at 27th Avenue Basin, ID #3807

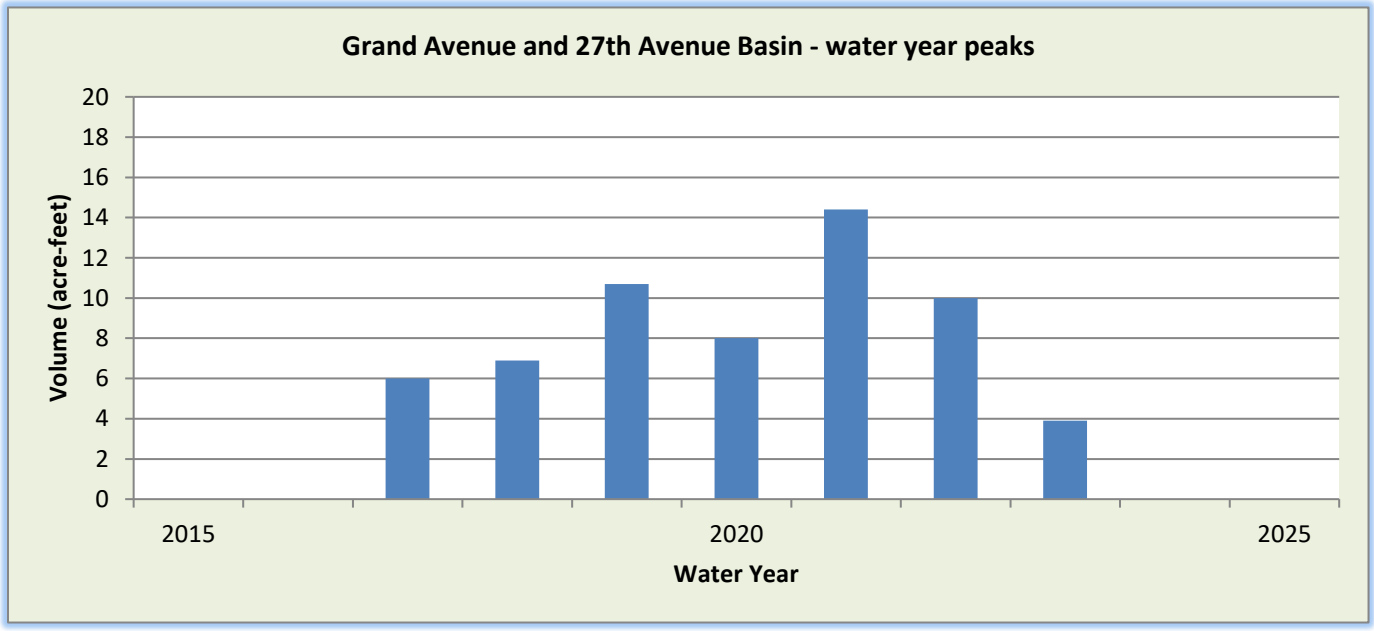


Site Data

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
ARIZONA STATE PLANE	E 639140 | N 902920
USGS QUAD SHEET	Phoenix 7.5-Minute
STREAMGAGE INSTALLATION DATE	10/06/2015 – WY 2016
PERIOD OF AVAILABLE DATA RECORD	10/06/2015 – Current
LENGTH OF AVAILABLE DATA RECORD	7.99 Years | 2,917 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.45 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,089.01 feet NAVD88
POINT OF ZERO FLOW	0.00 feet Gage Height
SPILLWAY CREST ELEVATION	No spillway
TOP OF BASIN ELEVATION	9.0 feet Gage Height

Watershed Map

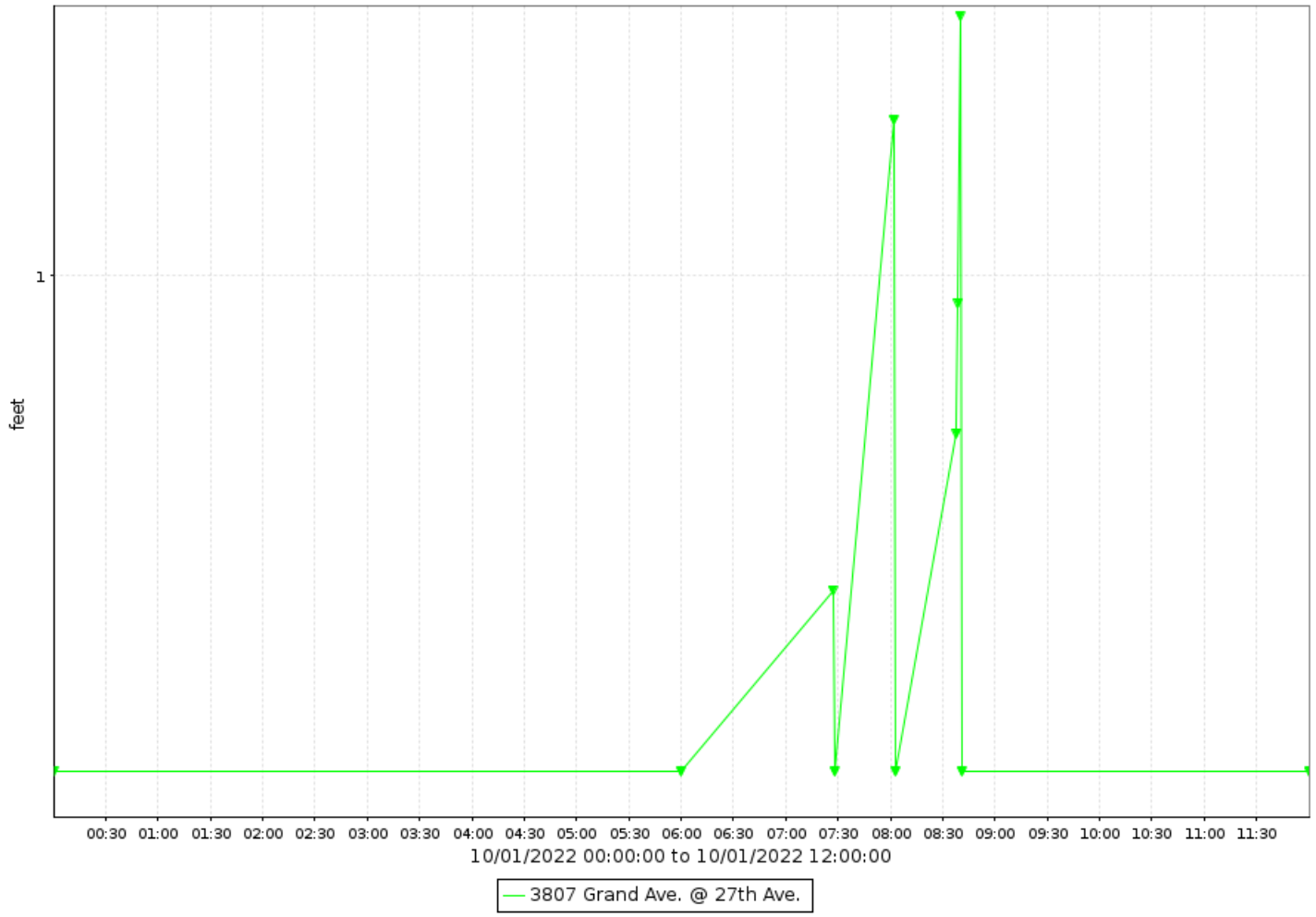




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
10/1	1.29	3.9	10.4
12/28	1.03	3.0	8.1
3/15	0.95	2.7	7.1
9/2	1.30	3.9	9.8

Hydrograph of peak 2023 impoundment event, 10/01/2022



Grand Avenue at 27th Avenue Basin, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

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

WTR YR 2023 TOTAL 7 MEAN 0 MAX 2 MIN 0 AC_FT 13

Grand Avenue at 27th Avenue Basin, volume data

Volume, in acre-feet, Water Year October 2022 to September 2023

Daily Mean Values

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

WTR YR 2023 MEAN 0 MAX 4 MIN 0

Grand Avenue at 27th Avenue Basin, stage data

Depth, in feet, Water Year October 2022 to September 2023

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	1.2
2	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.1
3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.9
4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6
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	0.7
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	0.6	0.5	0.5	0.5	0.5	0.5	0.5
16	0.5	0.5	0.5	0.5	0.5	0.8	0.5	0.5	0.5	0.5	0.5	0.5
17	0.5	0.5	0.5	0.5	0.5	0.6	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	0.7	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	0.7	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
29	0.5	0.5	0.6	0.5	---	0.5	0.5	0.5	0.5	0.5	0.5	0.5
30	0.5	0.5	0.6	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	0.6	---
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	1.3	0.5	1.0	0.5	0.5	0.9	0.5	0.5	0.5	0.5	1.2	1.3
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 2023 MEAN 0.46 MAX 1.30 MIN 0.45

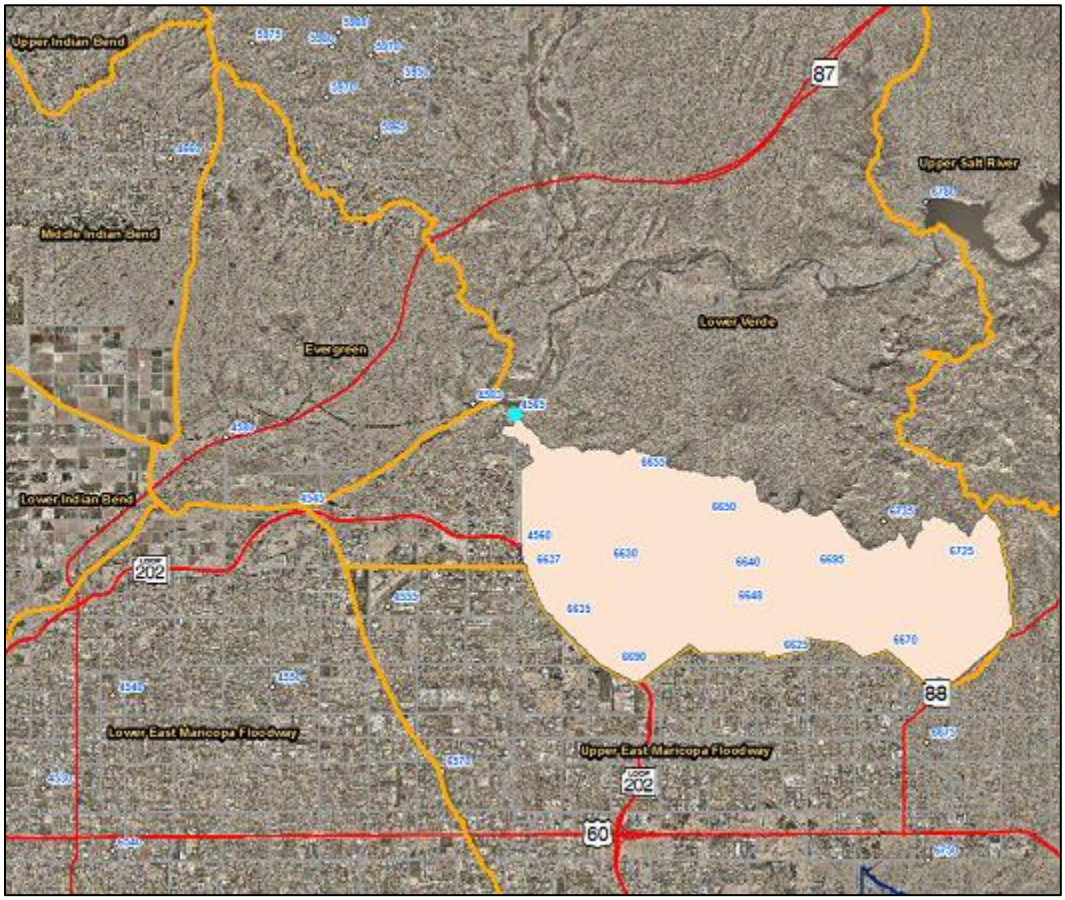
Granite Reef Diversion, ID #75007

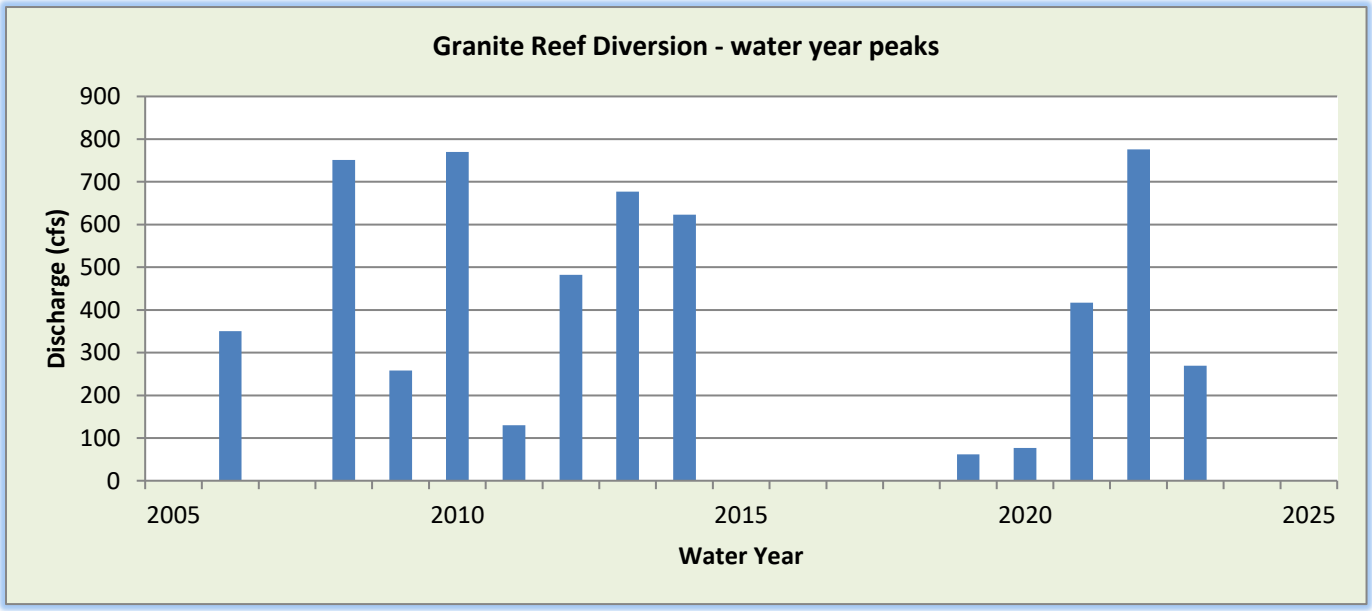


Site Data

LOCATION	Located along Bush Highway near Granite Reef Dam
DRAINAGE AREA	33.1 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
ARIZONA STATE PLANE	E 770954 | N 913868
USGS QUAD SHEET	Granite Reef Dam 7.5-Minute
STREAMGAGE INSTALLATION DATE	07/21/2005 – WY 2005
PERIOD OF AVAILABLE DATA RECORD	07/21/2005 – Current
LENGTH OF AVAILABLE DATA RECORD	18.20 Years | 6,646 Days
GAPS IN RECORD	10/01/2022 – 11/01/2022
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	-0.25 feet Gage Height
STAFF GAGES	1
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	1,335.766 feet NAVD88
POINT OF ZERO FLOW	-0.4 feet Gage Height
EXTREME FOR PERIOD OF RECORD	776 cfs | 1.62 Feet | 08/12/2022

Watershed Map

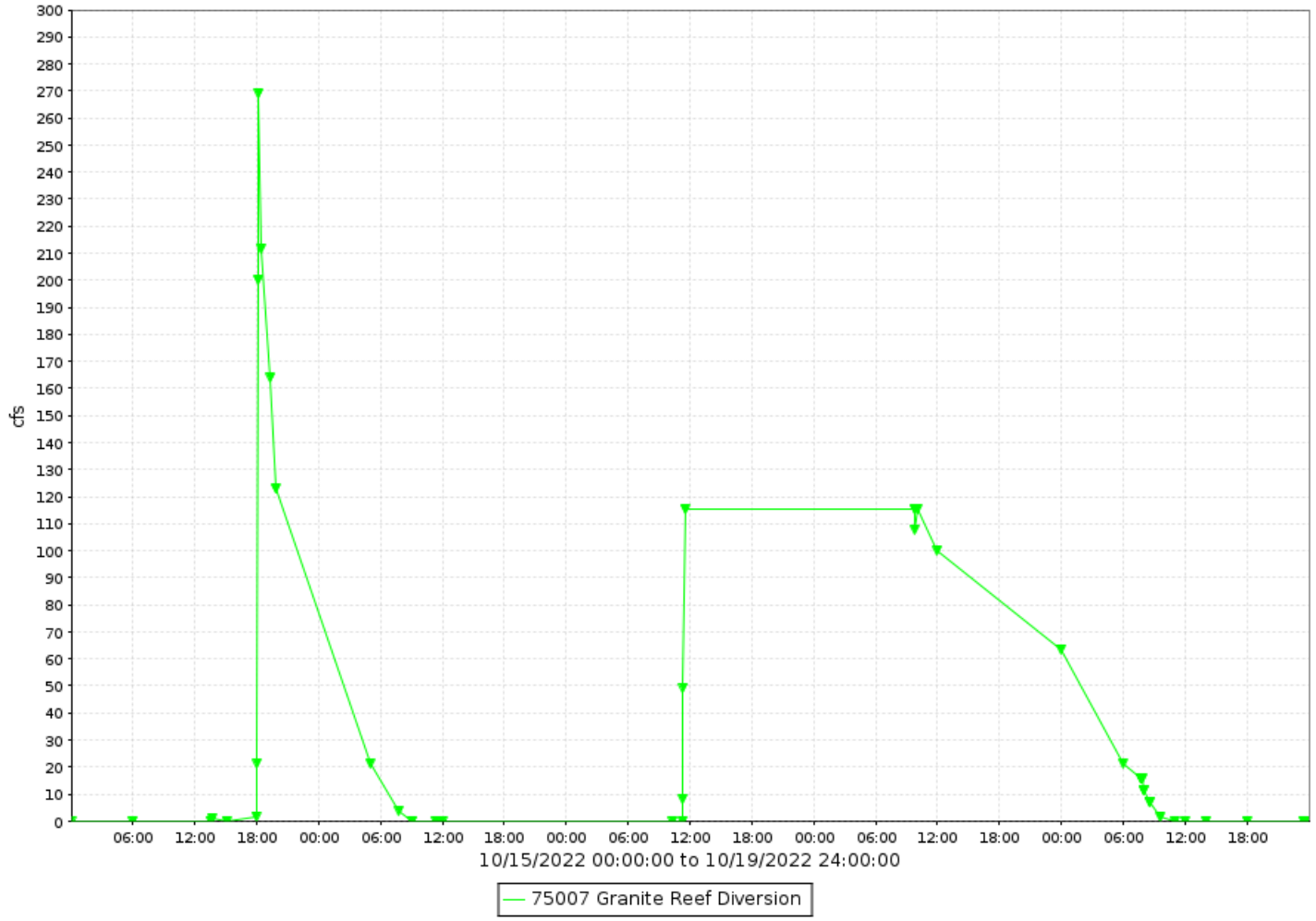




WY2023 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
10/15	0.82	269
12/05	0.34	75
1/3	0.34	75
3/16	0.43	117
9/13	0.63	184

Hydrograph of peak WY 2023 flow event, 10/15/2022



Granite Reef Diversion, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				1								
2				2								
3				30								
4				23								
5			20									
6			4									
7												
8												
9												
10												
11												
12												
13						---						15
14												15
15	36					3						11
16	28					13						6
17	60					1						4
18	108											
19	18											
20												
21												
22		---										
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	251	0	23	56	0	18	0	0	0	0	0	51
MEAN	8	0	1	2	0	1	0	0	0	0	0	2
MAX	269	0	75	75	0	117	0	0	0	0	0	184
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	497	0	46	111	0	35	0	0	0	0	0	102

WTR YR 2023 TOTAL 399 MEAN 1 MAX 269 MIN 0 AC_FT 791

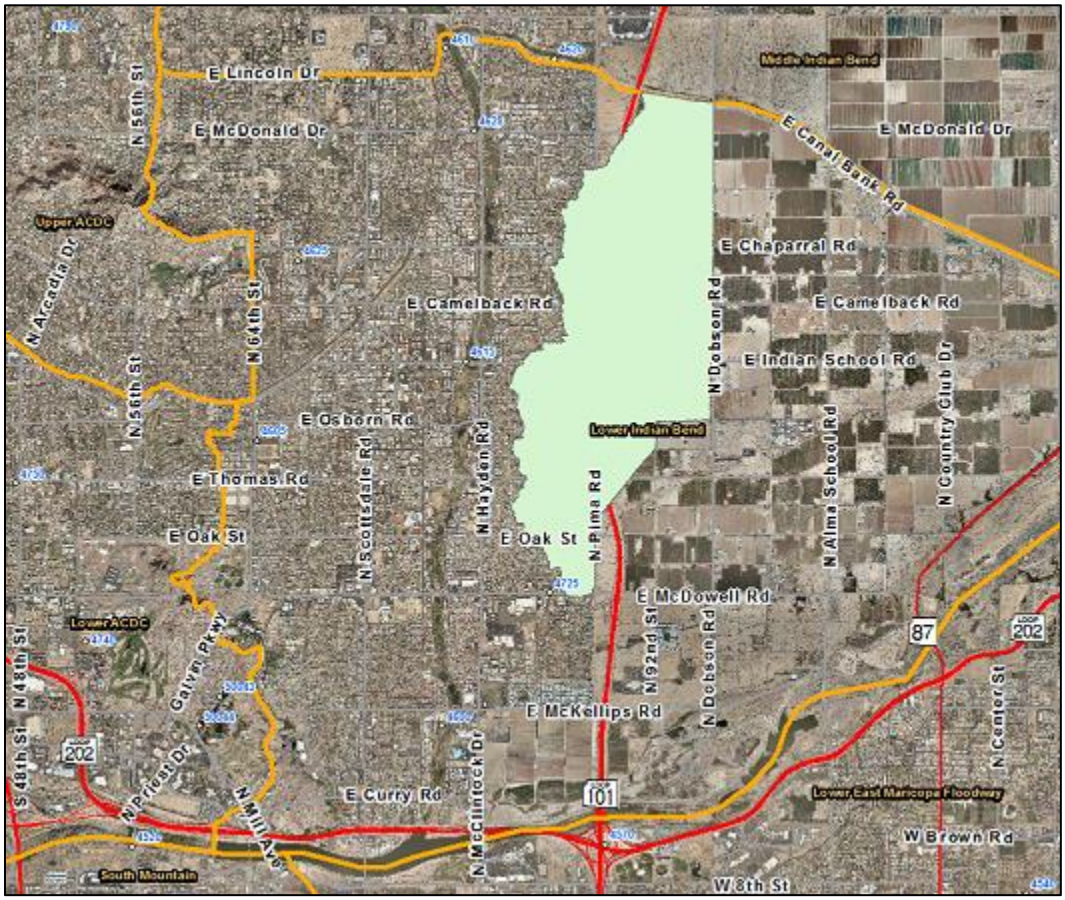
Granite Reef Wash, ID #57507

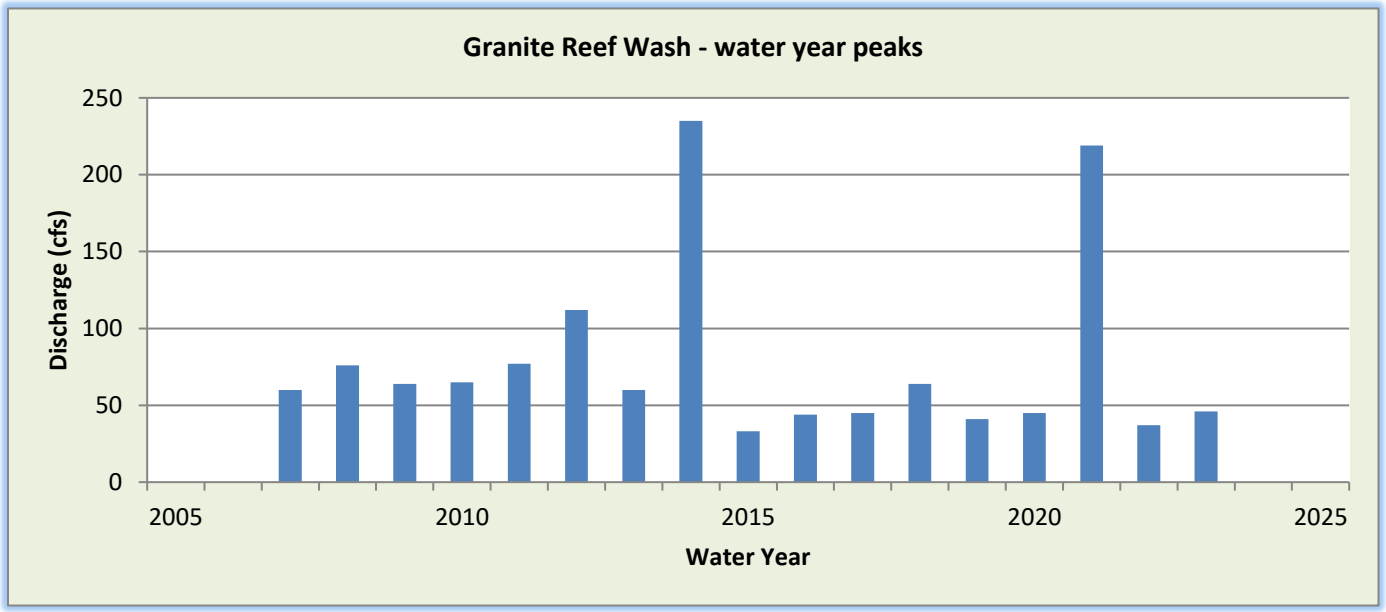


Site Data

LOCATION	On McDowell Road near Granite Reef Road
DRAINAGE AREA	4.7 mi^2
STREAM TYPE	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
ARIZONA STATE PLANE	E 705515 | N 897073
USGS QUAD SHEET	Tempe 7.5-Minute
STREAMGAGE INSTALLATION DATE	06/26/2007 – WY 2007
PERIOD OF AVAILABLE DATA RECORD	06/26/2007 – Current
LENGTH OF AVAILABLE DATA RECORD	16.27 Years | 5,941 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure transducer
STAGE GAGE ELEVATION	1.28 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	1,202.718 feet NAVD88
POINT OF ZERO FLOW	0.6 feet Gage Height
EXTREME FOR PERIOD OF RECORD	235 cfs | 7.76 feet | 09/08/2014

Watershed Map

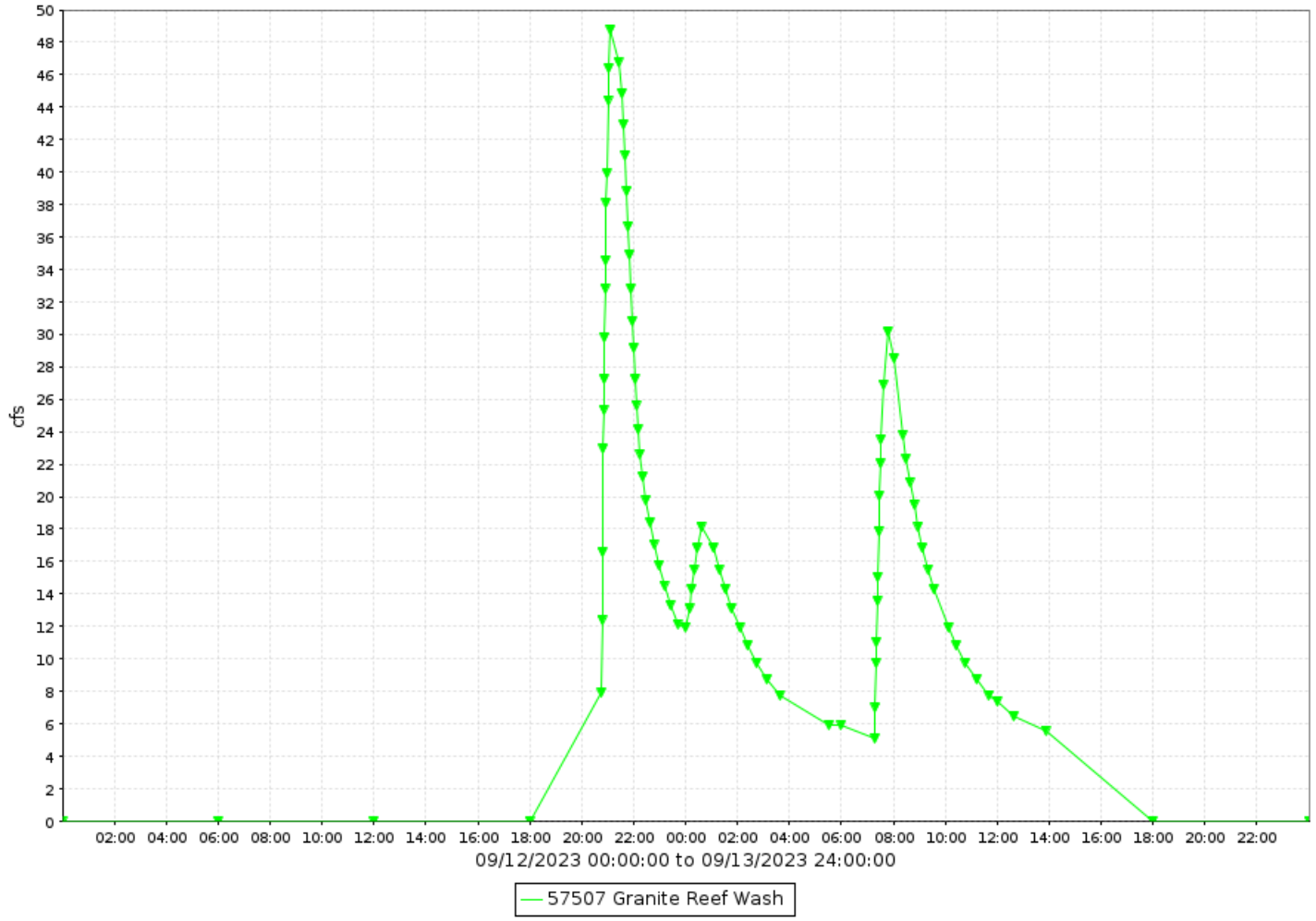




WY2023 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
10/15	4.80	44
12/3	3.10	20
12/12	2.04	11
12/28	2.59	16
1/1	2.19	12
1/16	1.89	9
2/14	2.34	13
3/1	3.66	28
3/15	4.33	37
7/26	4.31	37
8/27	2.41	14
9/1	2.84	18
9/12	5.08	46

Hydrograph of peak WY 2023 flow event, 09/12/2023



Granite Reef Wash, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				4		3						4
2				2		1						
3			4									
4			6									
5												
6												
7												
8	2											
9												
10												
11												
12			1									4
13												8
14					1							
15	7			1		5						
16	4			3		3						
17												
18												
19												
20												
21												
22												
23												
24												
25												
26					1					2		
27										2	2	
28			2								1	
29					---							
30					---							
31		---			---		---		---	2	2	---
TOTAL	13	0	14	10	3	13	0	0	0	6	4	15
MEAN	0	0	0	0	0	0	0	0	0	0	0	1
MAX	44	0	20	12	13	37	0	0	0	37	18	49
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	25	0	27	21	5	25	0	0	0	13	8	30

WTR YR 2023 TOTAL 78 MEAN 0 MAX 49 MIN 0 AC_FT 154

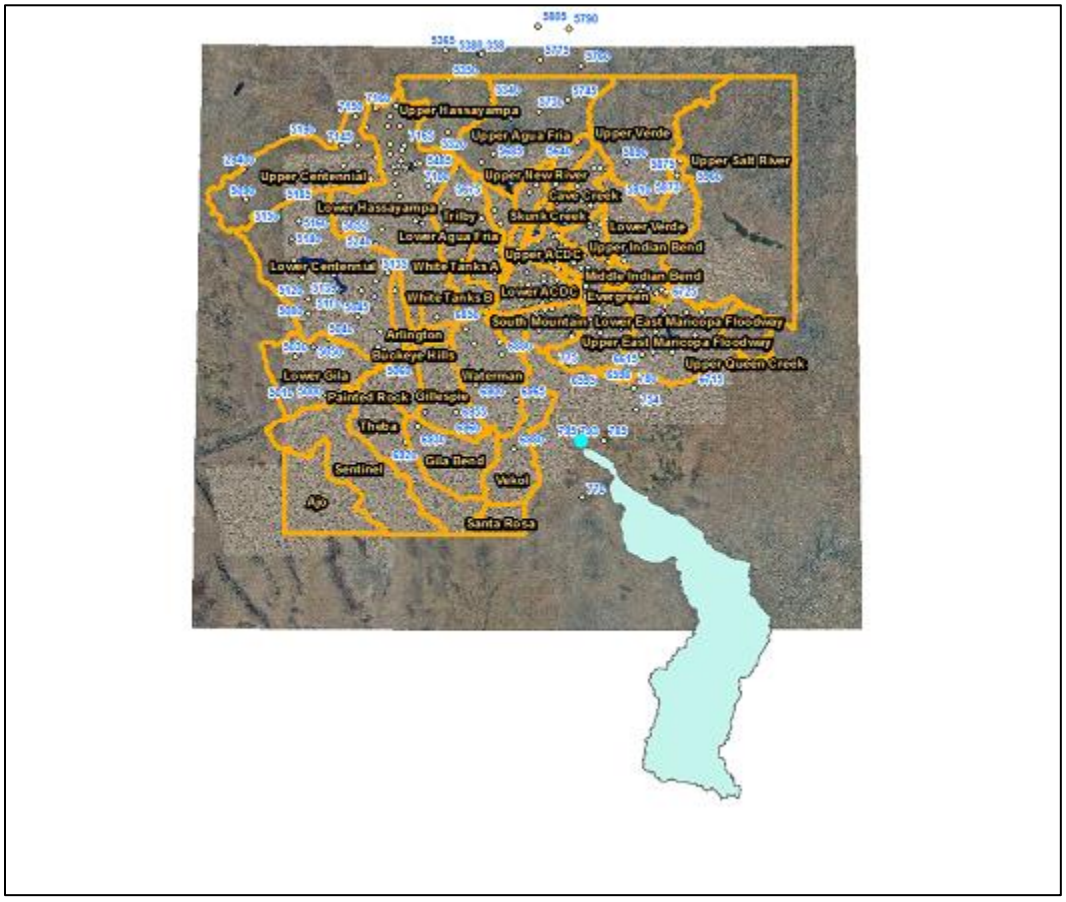
Greene Wash at SR 84, ID #64007

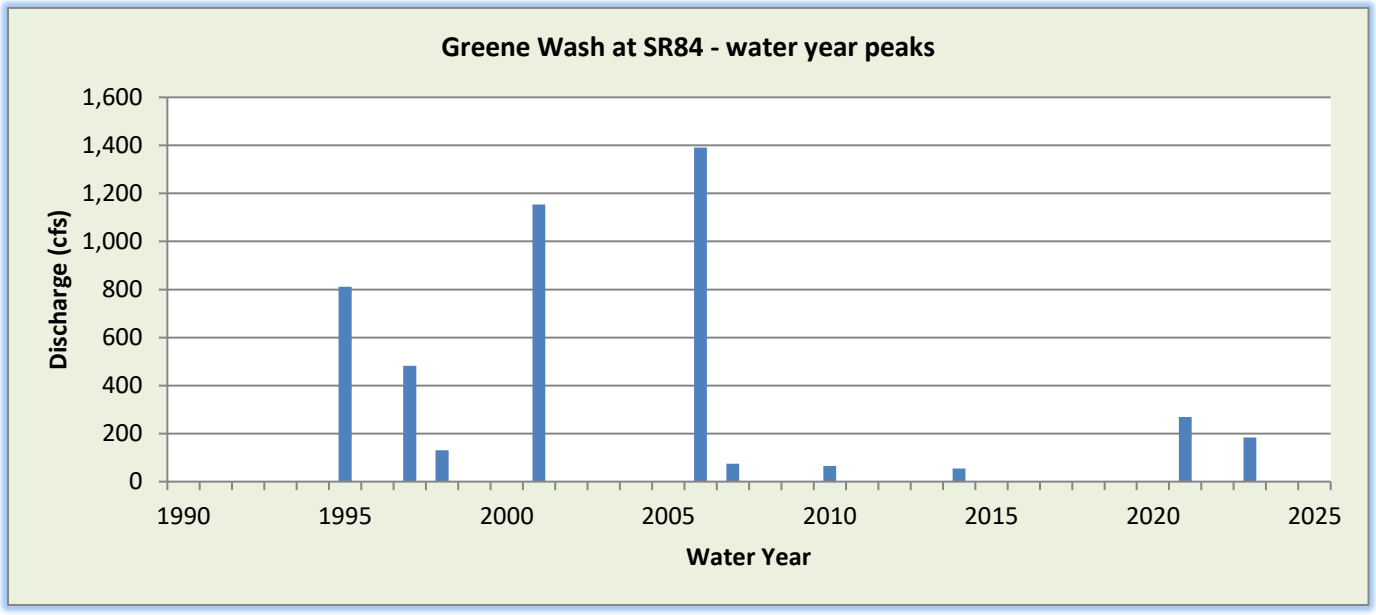


Site Data

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
ARIZONA STATE PLANE	E 694764 | N 683676
USGS QUAD SHEET	Stanfield 7.5-Minute
STREAMGAGE INSTALLATION DATE	03/23/1994 – WY 1994
PERIOD OF AVAILABLE DATA RECORD	03/23/1994 – Current
LENGTH OF AVAILABLE DATA RECORD	29.53 Years | 10,784 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.10 feet Gage Height
STAFF GAGES	1
CREST STAGE GAGES	2
ZERO GAGE HEIGHT ELEVATION	1,295.416 feet NAVD88
POINT OF ZERO FLOW	-3.8 feet Gage Height
EXTREME FOR PERIOD OF RECORD	1,391 cfs | 3.67 feet | 08/02/2006

Watershed Map

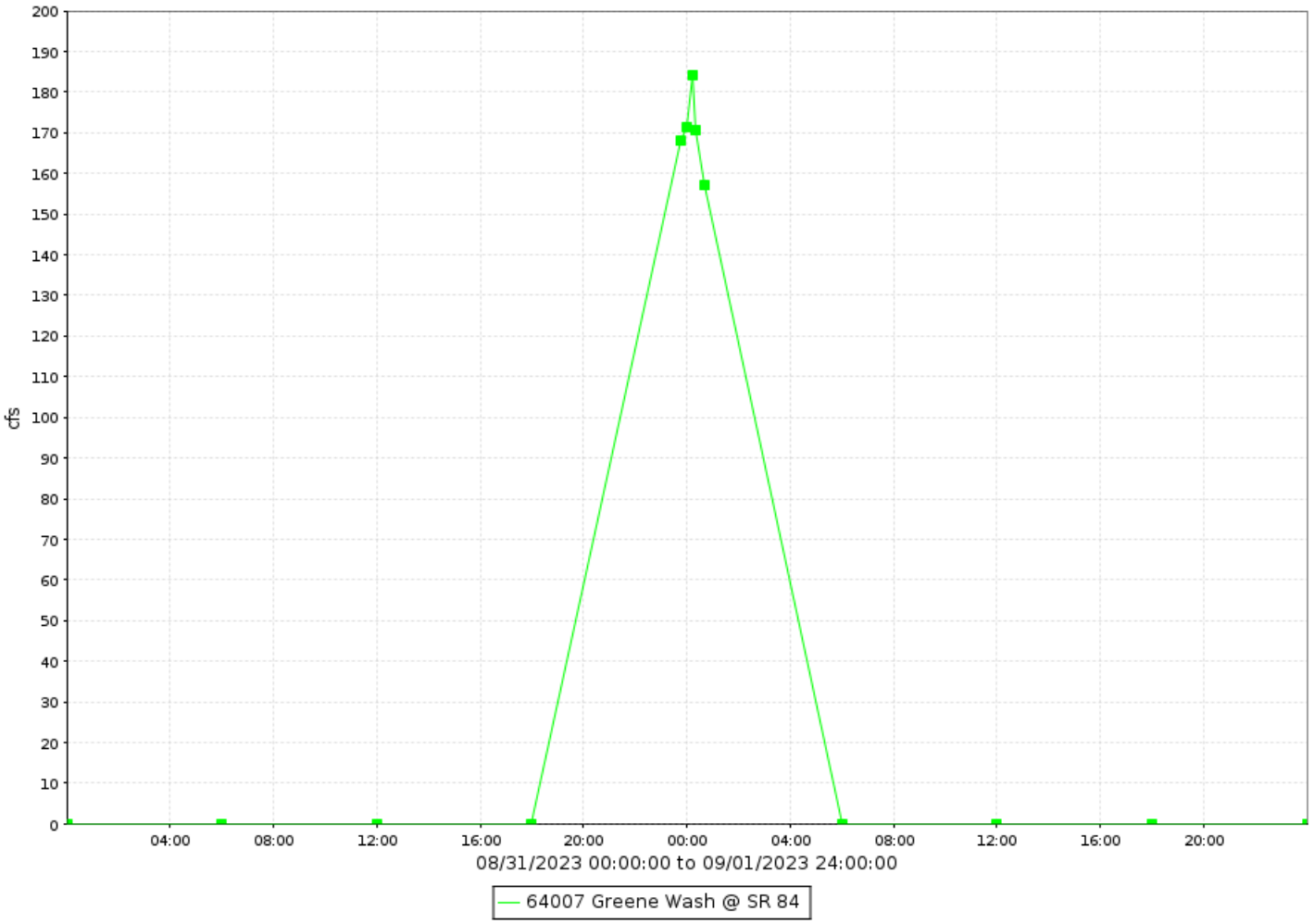




WY2023 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
09/01	0.22	184

Hydrograph of peak WY 2023 flow event, 09/01/2023



Greene Wash at SR84, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												40
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		---			---		---		---		2	---
TOTAL	0	0	0	0	0	0	0	0	0	0	2	40
MEAN	0	0	0	0	0	0	0	0	0	0	0	1
MAX	0	0	0	0	0	0	0	0	0	0	168	184
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	3	79

WTR YR 2023 TOTAL 41 MEAN 0 MAX 184 MIN 0 AC_FT 82

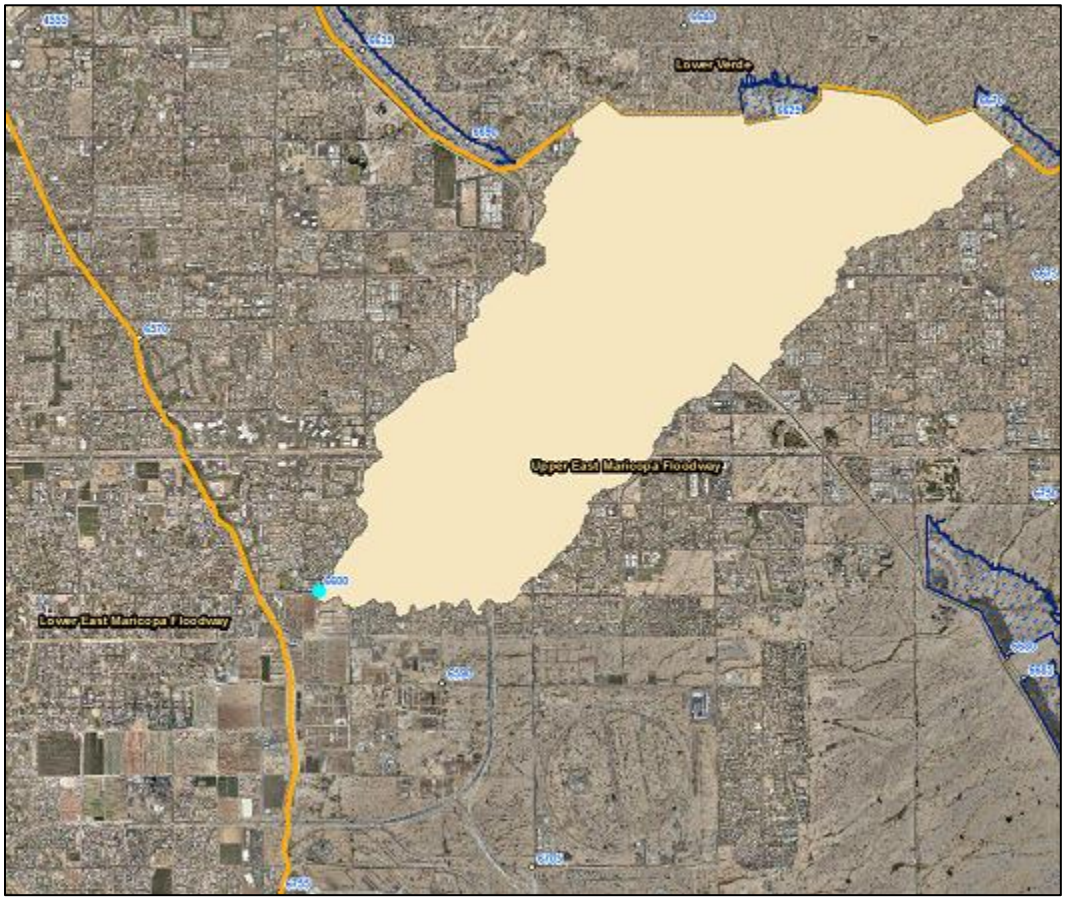
Guadalupe Channel, ID #35707

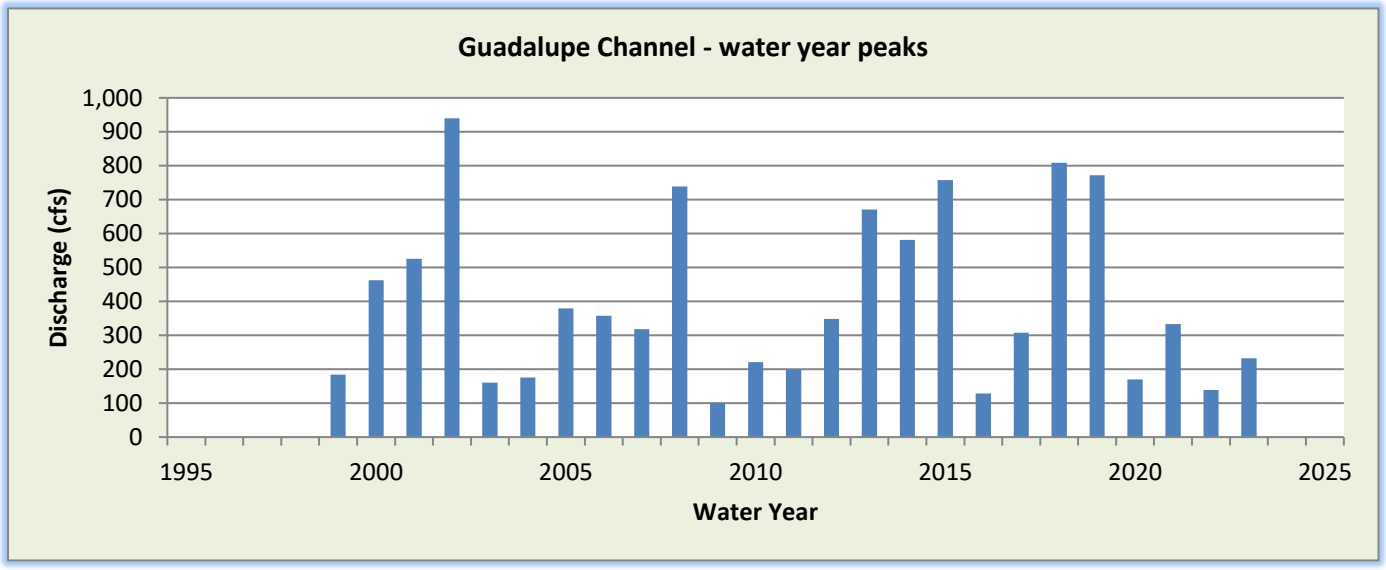


Site Data

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
ARIZONA STATE PLANE	E 773413 | N 860497
USGS QUAD SHEET	Higley 7.5-Minute
STREAMGAGE INSTALLATION DATE	08/07/1998 – WY 1998
PERIOD OF AVAILABLE DATA RECORD	08/07/1998 – Current
LENGTH OF AVAILABLE DATA RECORD	25.15 Years | 9,186 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.50 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	1,345.022 feet NAVD88
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	940 cfs | 2.88 feet | 07/23/2002

Watershed Map

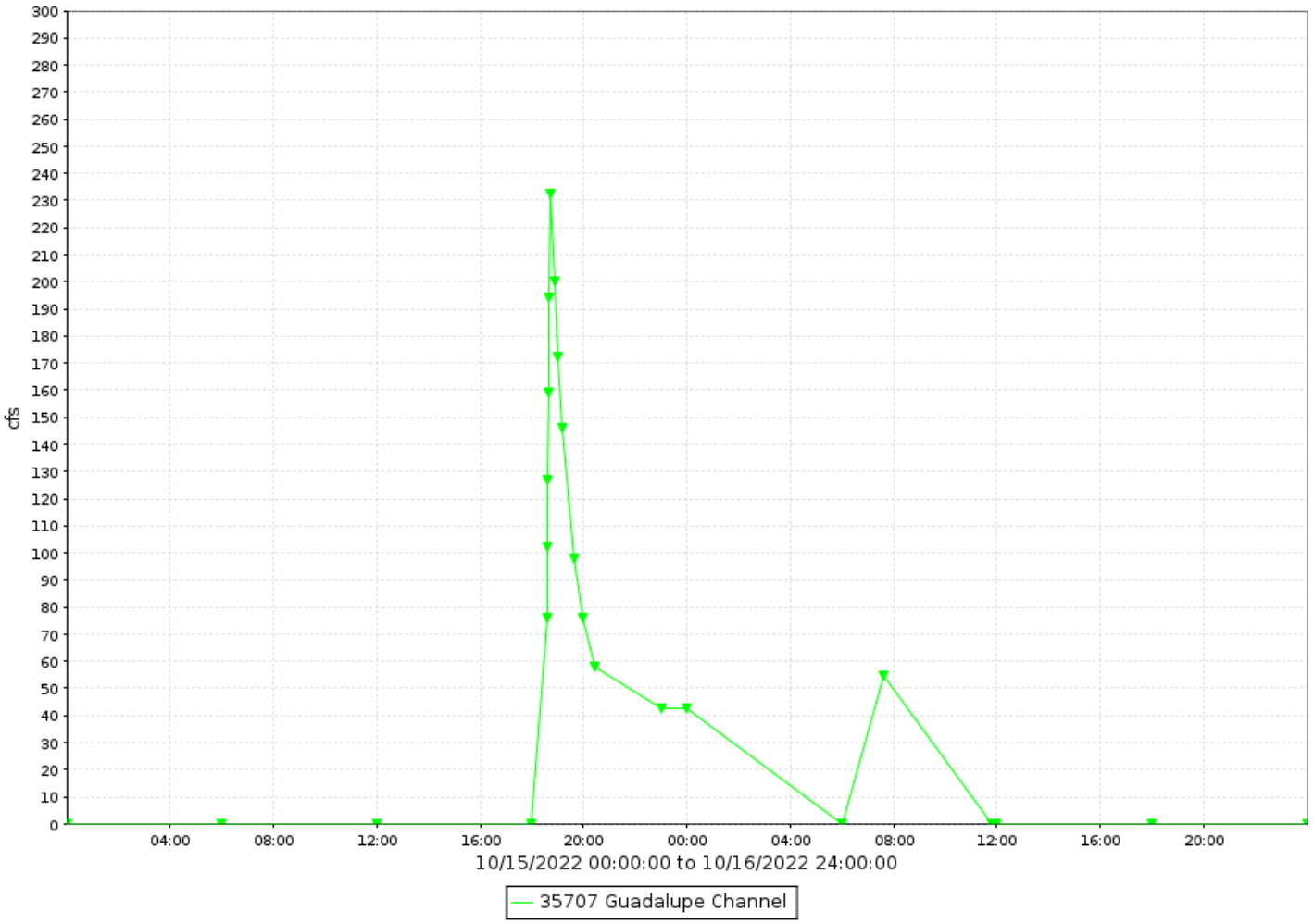




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
10/15	1.36	232

Hydrograph of peak WY 2023 flow event, 10/15/2022



Guadalupe Road Channel, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

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	18											
16	20											
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	39	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	232	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	77	0	0	0	0	0	0	0	0	0	0	0

WTR YR 2023 TOTAL 39 MEAN 0 MAX 232 MIN 0 AC_FT 77

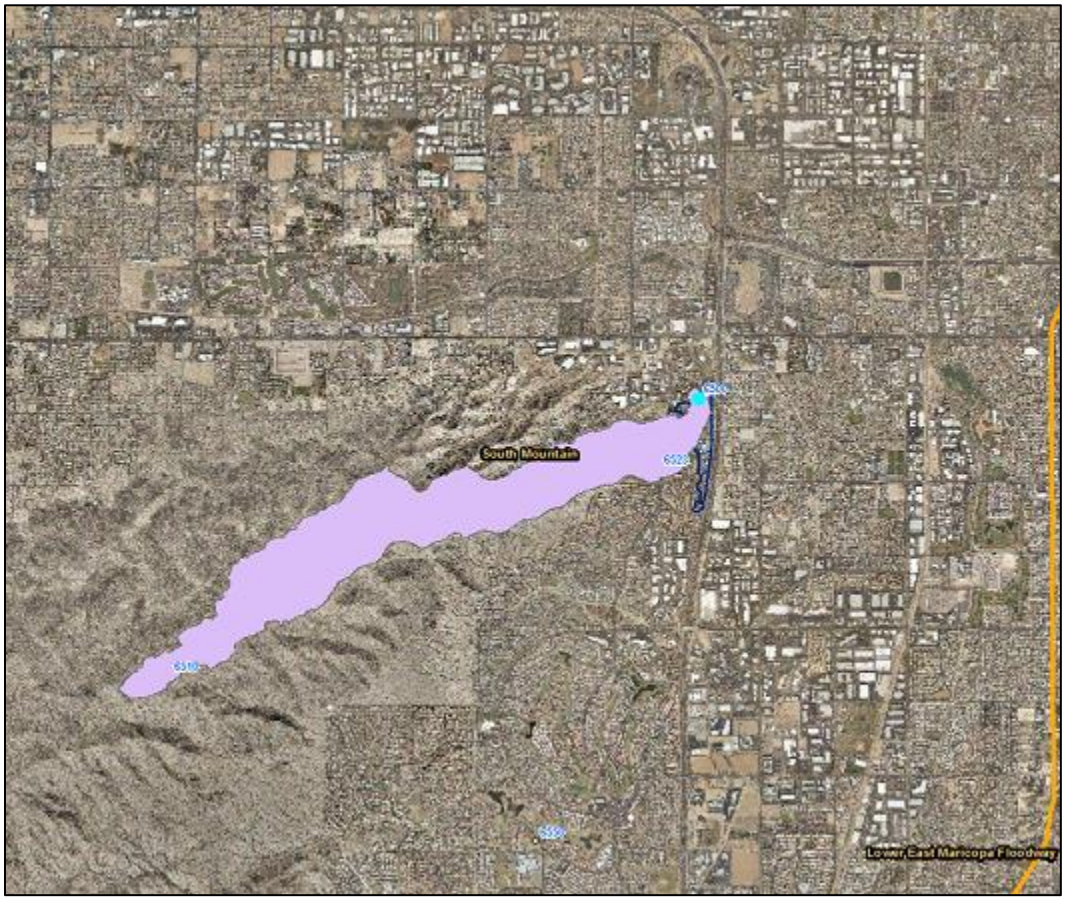
Guadalupe FRS, ID #68207

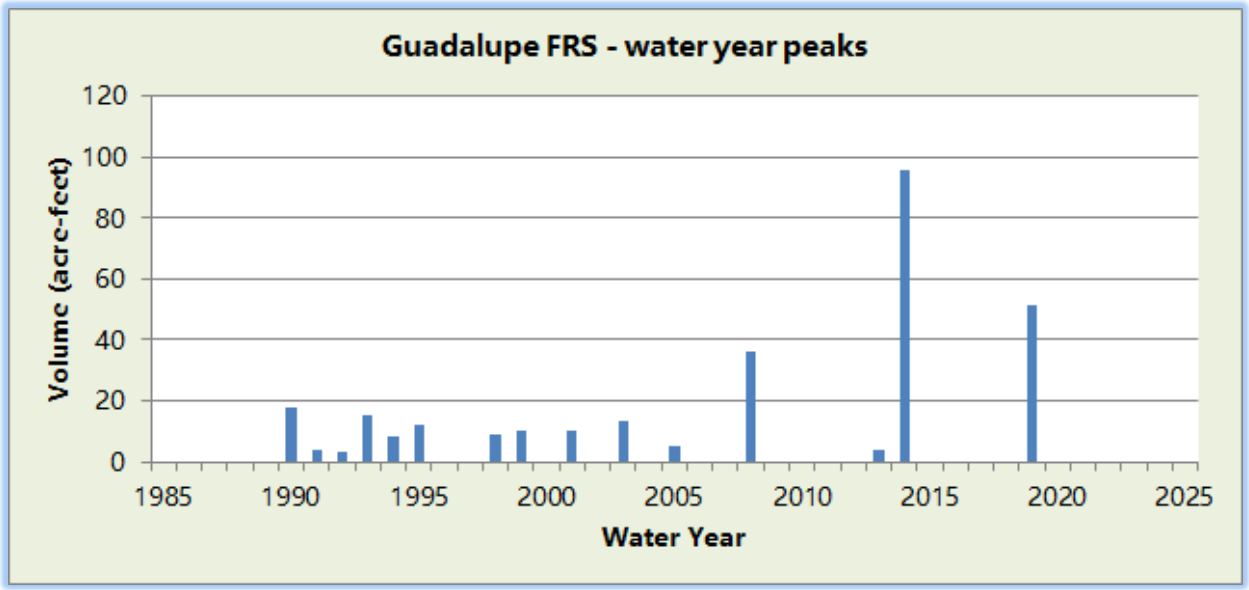


Site Data

LOCATION	Located west of I-10 and south of Baseline Road
DRAINAGE AREA	1.74 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
ARIZONA STATE PLANE	E 683575 | N 862864
USGS QUAD SHEET	Guadalupe 7.5-Minute
STREAMGAGE INSTALLATION DATE	06/29/1989 – WY 1989
PERIOD OF AVAILABLE DATA RECORD	06/29/1989 – Current
LENGTH OF AVAILABLE DATA RECORD	34.26 Years | 12,512 Days
GAPS IN RECORD	05/30/2023 – 10/31/2023
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.26 feet Gage Height
STAFF GAGES	1
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,251.38 feet NAVD88
POINT OF ZERO FLOW (CONTROLLED INLET)	0.64 feet Gage Height
POINT OF ZERO FLOW (UNCONTROLLED INLET)	9.60 feet Gage Height
SPILLWAY ELEVATION	24.62 feet Gage Height
TOP OF DAM ELEVATION	32.14 feet Gage Height

Watershed Map





WY2023 Events

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

Hydrograph of peak 2023 impoundment event

No impoundments recorded in Water Year 2023.

Guadalupe FRS, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

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 2023 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

*basin under construction starting Jun 1st. Should be finished by the middle of October. No events missed.

Guadalupe FRS, volume data

Volume, in acre-feet, Water Year October 2022 to September 2023

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	---	---	---	---
MAX	0	0	0	0	0	0	0	0	---	---	---	---
MIN	0	0	0	0	0	0	0	0	---	---	---	---

WTR YR 2023 MEAN 0 MAX 0 MIN 0

Guadalupe FRS, stage data

Depth, in feet, Water Year October 2022 to September 2023

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	---	---	---	---
2	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	---	---	---	---
4	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	---	---	---	---
6	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	---	---	---	---
8	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	---	---	---	---
10	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	---	---	---	---
12	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	---	---	---	---
14	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	---	---	---	---
16	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	---	---	---	---
18	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	---	---	---	---
20	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	---	---	---	---
22	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	---	---	---	---
24	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	---	---	---	---
26	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	---	---	---	---
28	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	---	---	---	---
30	0.3	0.3	0.3	0.3	---	0.3	0.3	0.3	---	---	---	---
31	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	---	---	---	---
MAX	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	---	---	---	---

WTR YR 2023 MEAN 0.26 MAX 0.26 MIN 0.26

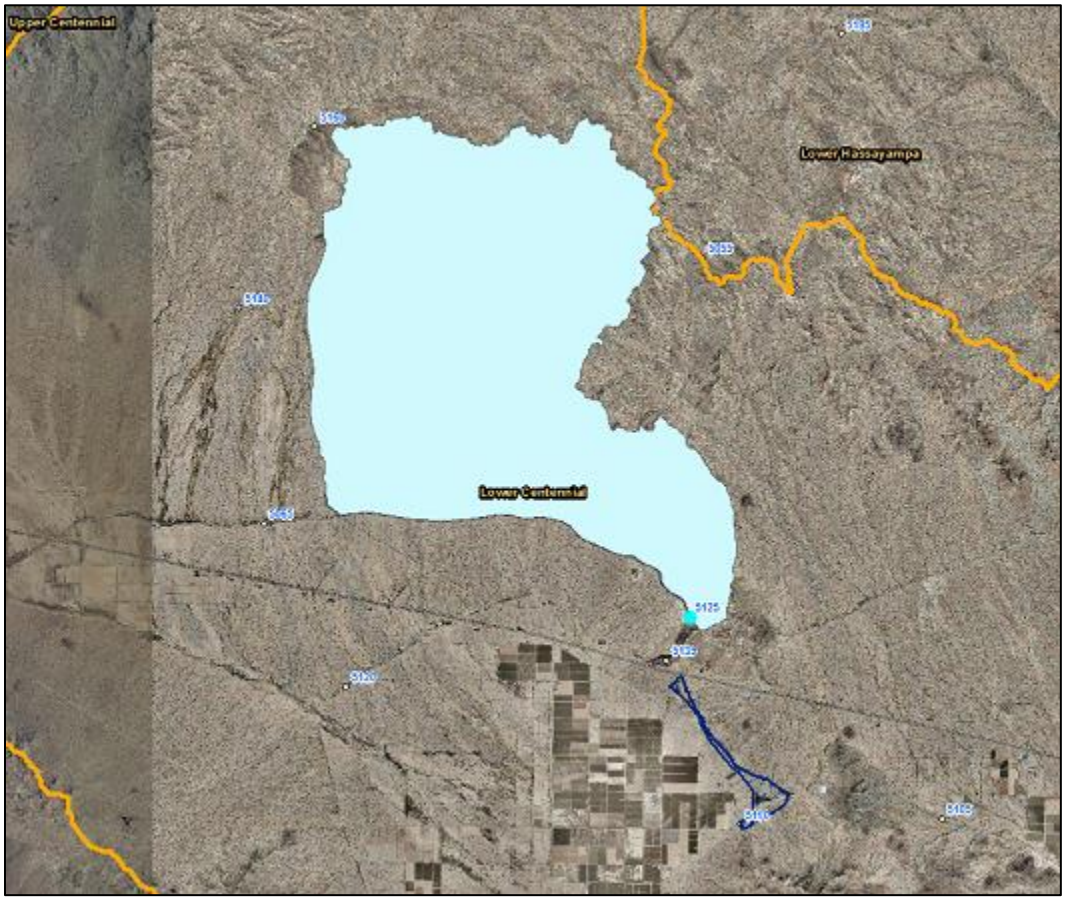
Harquahala FRS, ID #26007

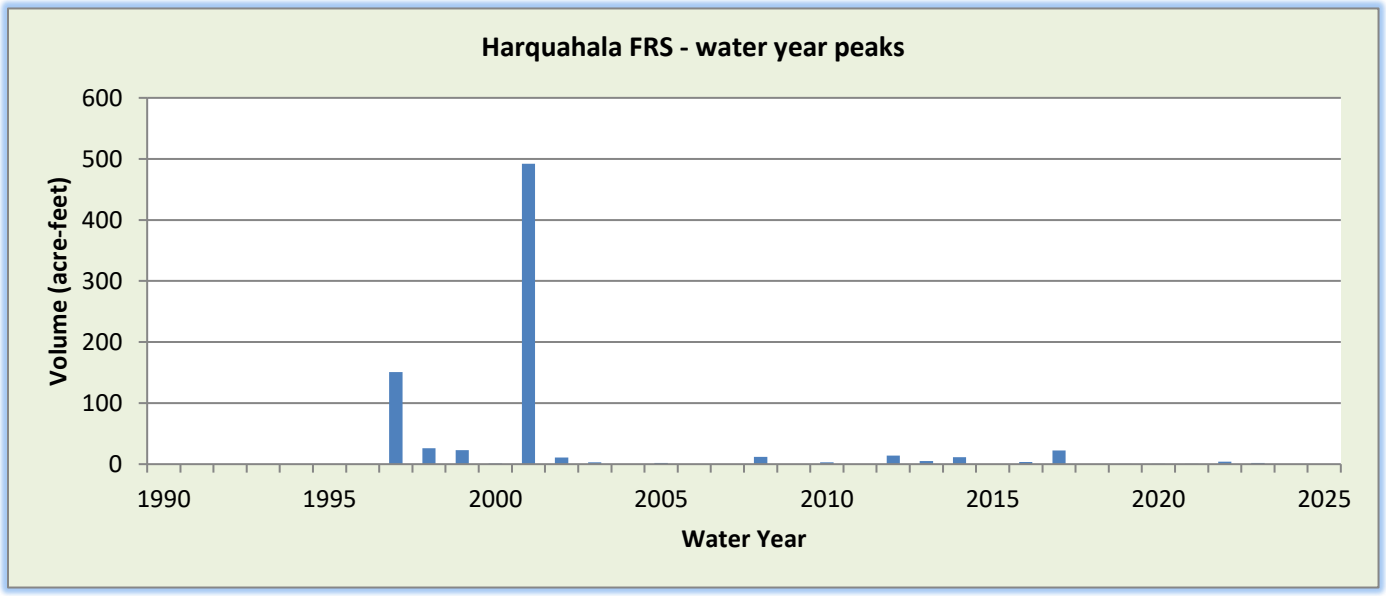


Site Data

LOCATION	Located northeast of I-10 and Salome Highway interchange
DRAINAGE AREA	105.3 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
ARIZONA STATE PLANE	E 340173 | N 929216
USGS QUAD SHEET	Burnt Mountain 7.5-Minute
STREAMGAGE INSTALLATION DATE	03/01/1994 – WY 1994
PERIOD OF AVAILABLE DATA RECORD	03/01/1994 – Current
LENGTH OF AVAILABLE DATA RECORD	29.59 Years | 10,806 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
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

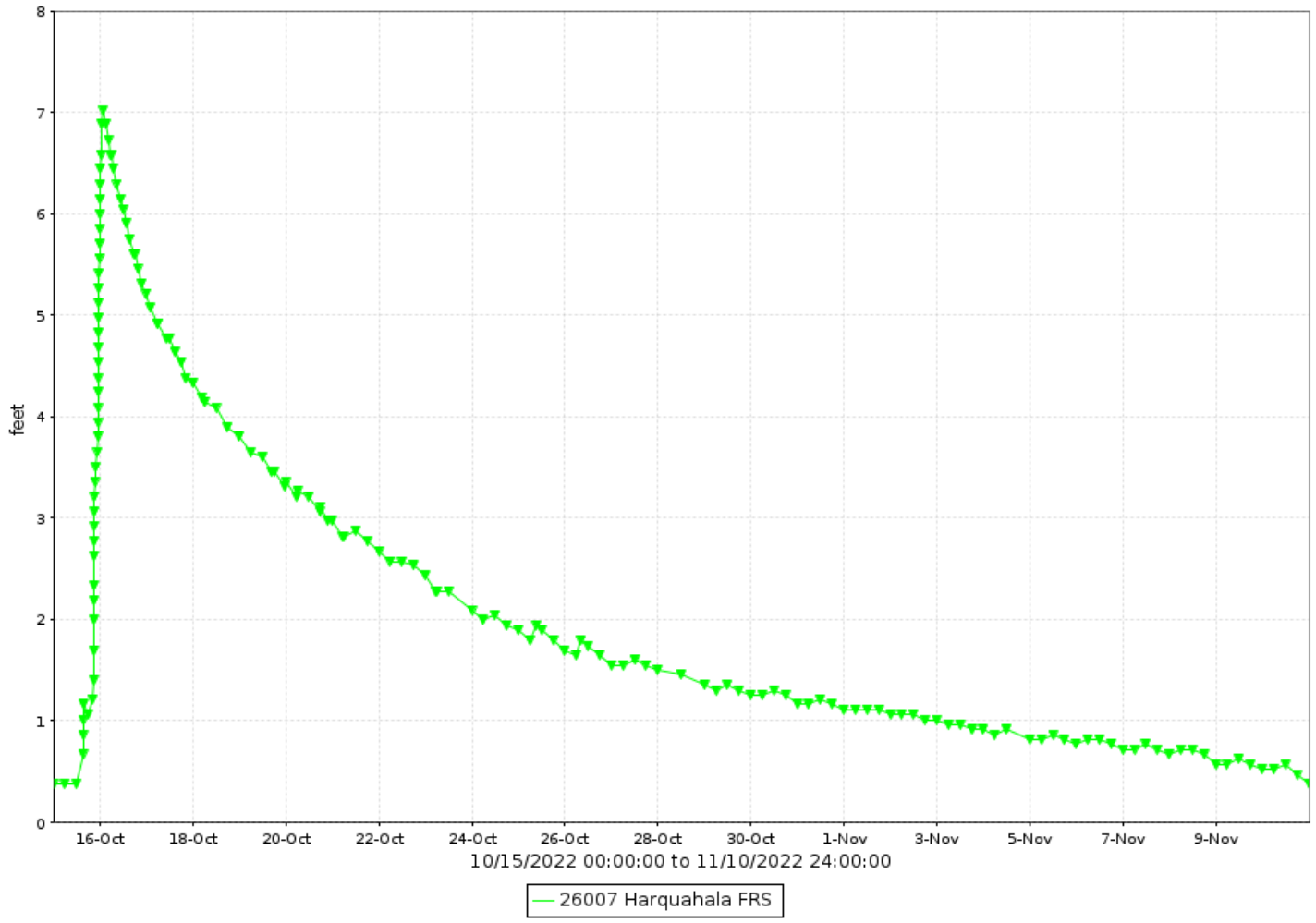




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
10/16	7.02	1.9	0.0
1/1	1.60	0.1	0.0
9/1	0.91	0.0	0.0

Hydrograph of peak WY 2023 impoundment event, 10/16/2022



Harquahala FRS, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

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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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 2023 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

Harquahala FRS, volume data

Volume, in acre feet, Water Year October 2022 to September 2023

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	1											
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	2	0	0	0	0	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 2023 MEAN 0 MAX 2 MIN 0

Harquahala FRS, stage data

Depth, in feet, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.4	1.1	0.4	0.9	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.8
2	0.4	1.0	0.4	1.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.8
3	0.4	1.0	0.4	1.2	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.8
4	0.4	0.9	0.4	1.0	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.7
5	0.4	0.8	0.4	0.8	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.6
6	0.4	0.8	0.4	0.6	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.6
7	0.4	0.7	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5
8	0.4	0.7	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
9	0.4	0.6	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
10	0.4	0.5	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	1.0	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
16	6.1	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
17	4.8	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
18	4.1	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
19	3.6	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
20	3.2	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
21	2.9	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
22	2.6	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
23	2.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
24	2.0	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
25	1.9	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
26	1.7	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
27	1.6	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
28	1.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
29	1.3	0.4	0.4	0.4	---	0.4	0.4	0.4	0.4	0.4	0.4	0.4
30	1.3	0.4	0.4	0.4	---	0.4	0.4	0.4	0.4	0.4	0.4	0.4
31	1.2	---	0.4	0.4	---	0.4	---	0.4	---	0.4	0.4	---
MEAN	1.6	0.5	0.4	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5
MAX	7.0	1.1	0.4	1.6	0.4	0.4	0.4	0.4	0.4	0.4	0.9	0.9
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 2023 MEAN 0.51 MAX 7.02 MIN 0.38

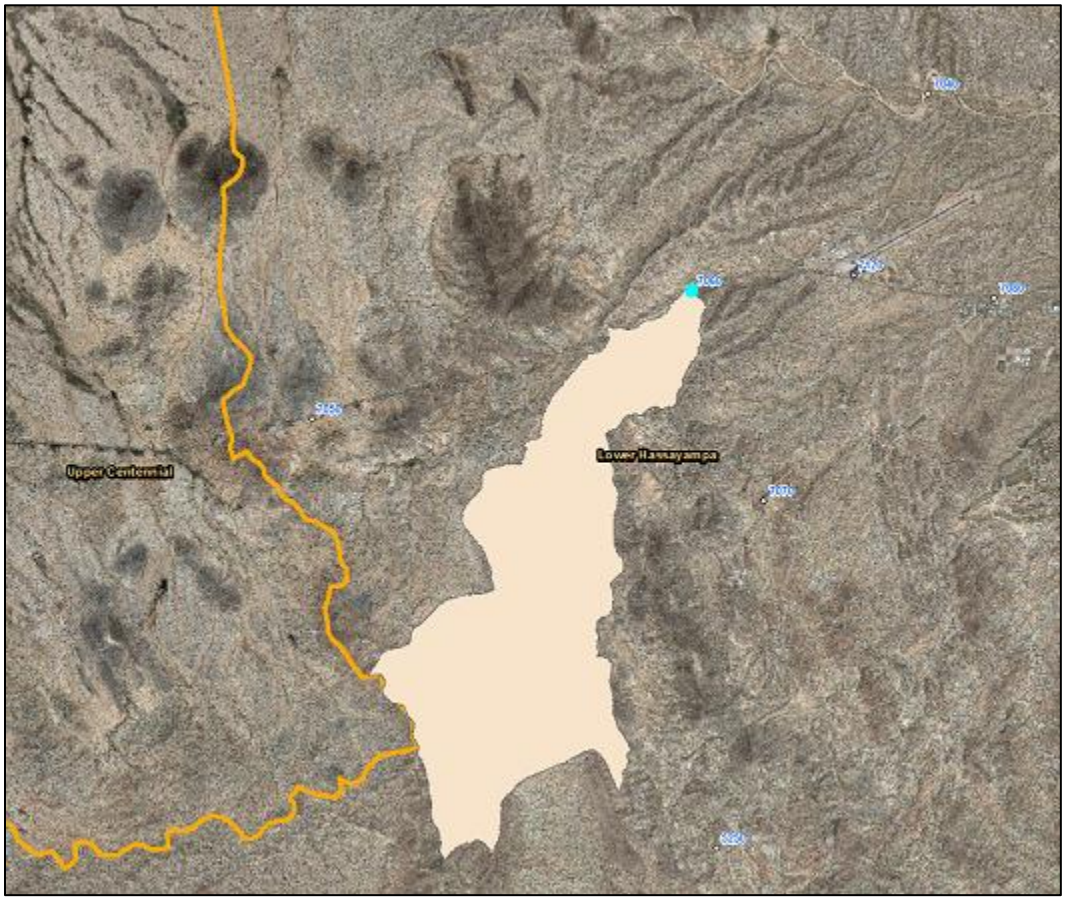
Hartman Wash, ID #51207

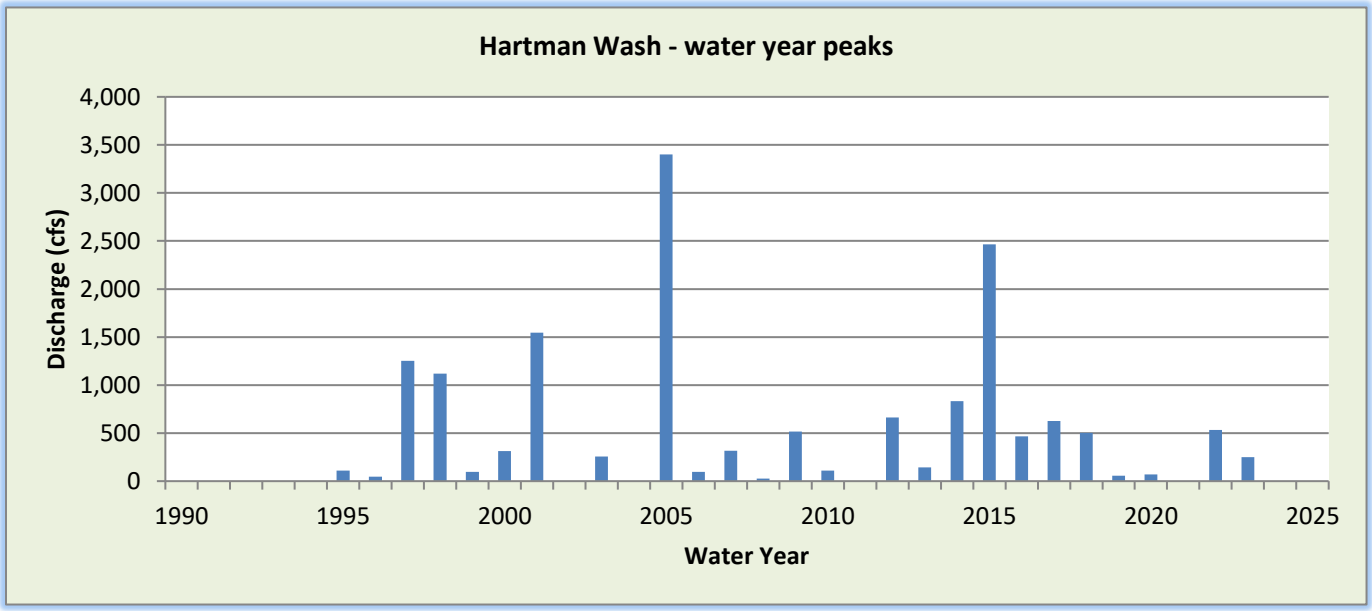


Site Data

LOCATION	About 3 miles west of Vulture Mine Road on US 60
DRAINAGE AREA	5.44 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
ARIZONA STATE PLANE	E 423672 | N 1079068
USGS QUAD SHEET	Vulture Peak 7.5-Minute
STREAMGAGE INSTALLATION DATE	07/06/1994 – WY 1994
PERIOD OF AVAILABLE DATA RECORD	07/06/1994 – Current
LENGTH OF AVAILABLE DATA RECORD	29.24 Years | 10,679 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.00 feet Gage Height
STAFF GAGES	1
CREST STAGE GAGES	3
ZERO GAGE HEIGHT ELEVATION	2,454.403 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

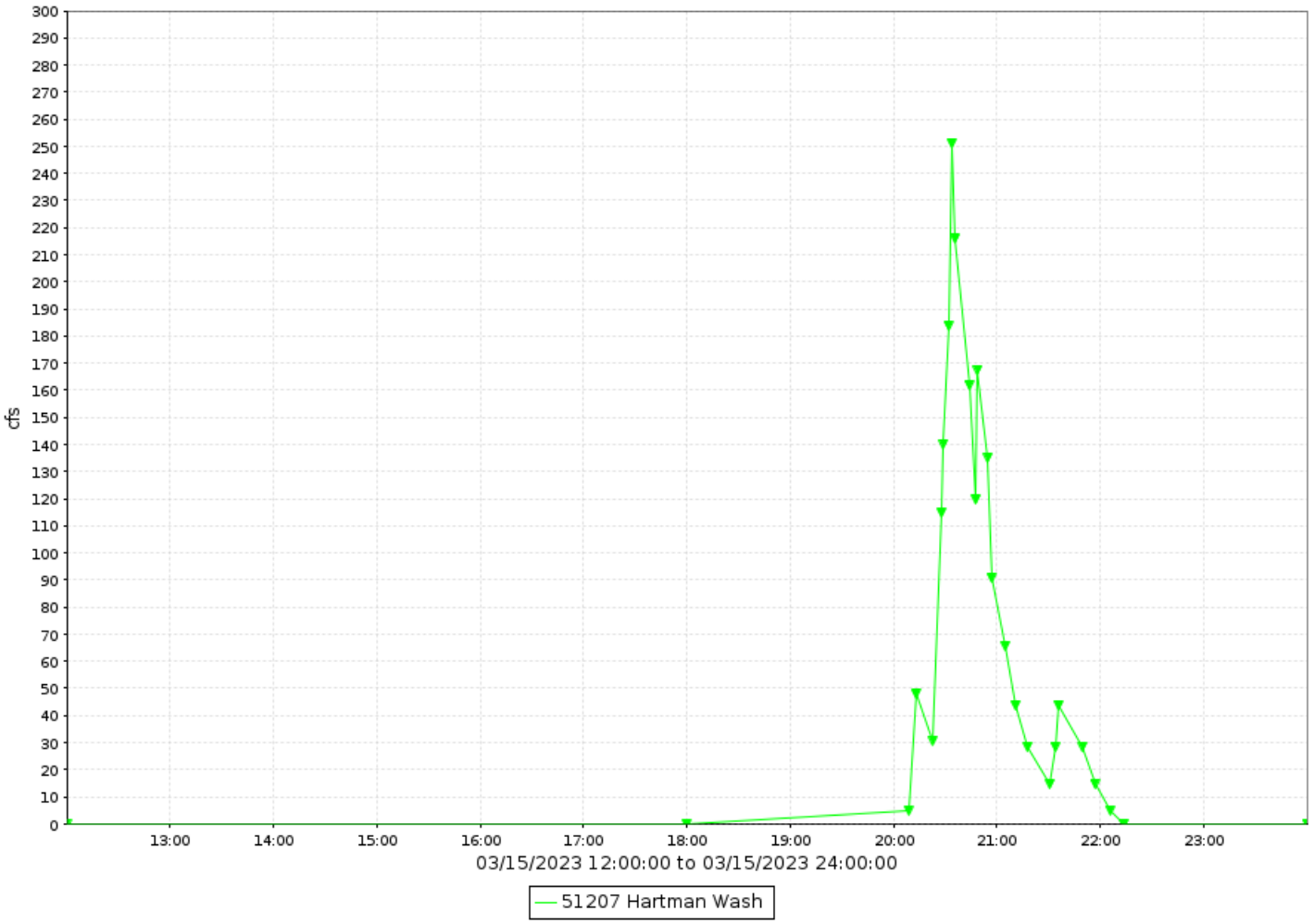




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
3/15	1.47	251

Hydrograph of peak WY 2023 flow event, 03/15/2023



Hartman Wash, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15						6						
16												
17												
18												
19												
20								---				
21								---				
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	0	0	6	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	5	0	251	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	12	0	0	0	0	0	0

WTR YR 2023 TOTAL 6 MEAN 0 MAX 251 MIN 0 AC_FT 12

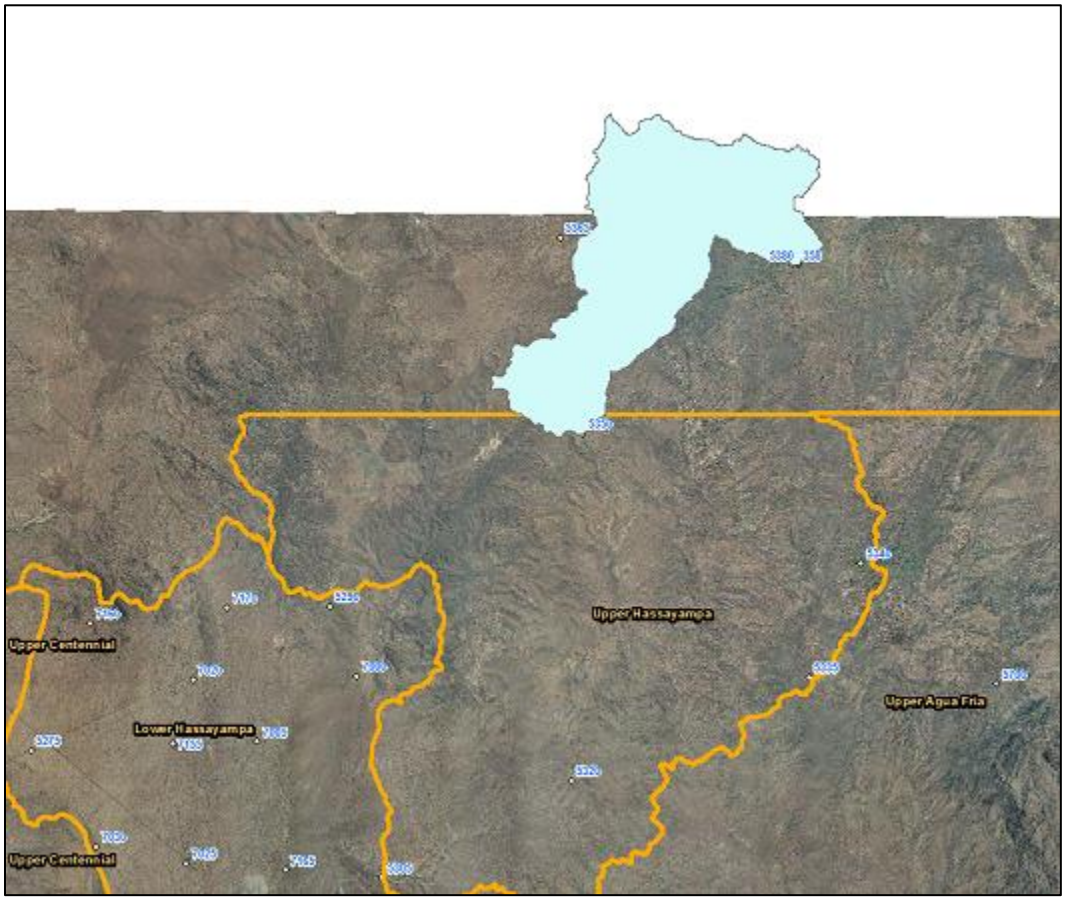
Hassayampa River at Wagoner, ID #54307

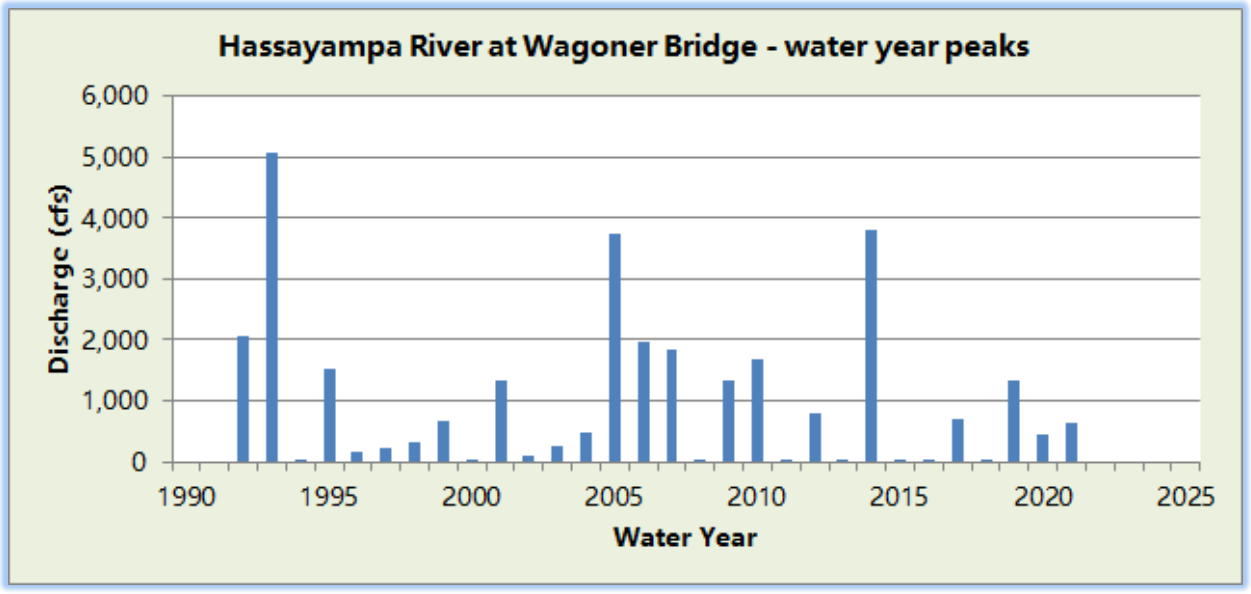


Site Data

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
ARIZONA STATE PLANE	E 503115 | N 1204868
USGS QUAD SHEET	Walnut Grove 7.5-Minute
STREAMGAGE INSTALLATION DATE	12/19/1983 – WY 1984
PERIOD OF AVAILABLE DATA RECORD	11/27/1991 – Current
LENGTH OF AVAILABLE DATA RECORD	31.84 Years | 11,631 Days
GAPS IN RECORD	09/25/2007 – 05/28/2008
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	2.18 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	3,739.718 feet NAVD88
POINT OF ZERO FLOW	-0.7 feet Gage Height
EXTREME FOR PERIOD OF RECORD	5,068 cfs | 5.00 feet | 01/08/1993

Watershed Map





WY2023 Events

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

Hydrograph of peak 2023 flow event,

No runoff recorded in Water Year 2023.

Hassayampa River at Wagoner, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

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 2023 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

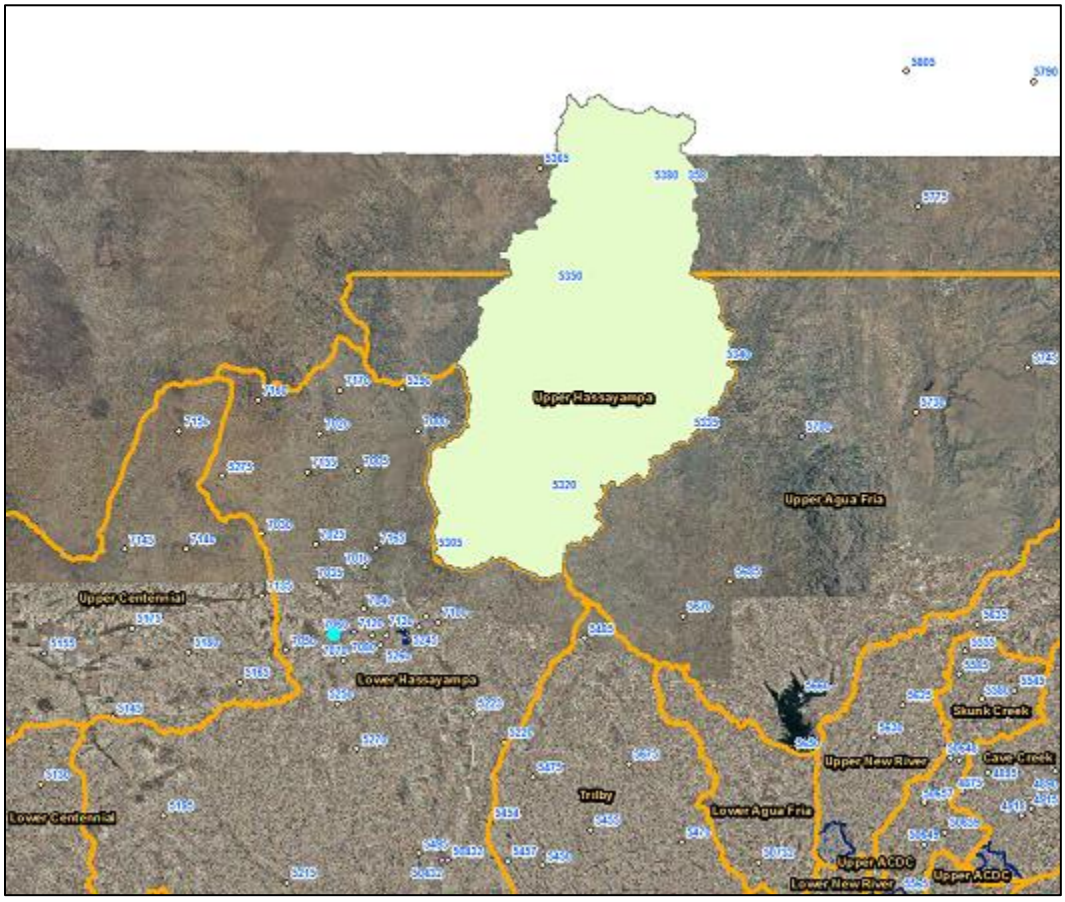
Hassayampa River at Box Canyon, ID #53507

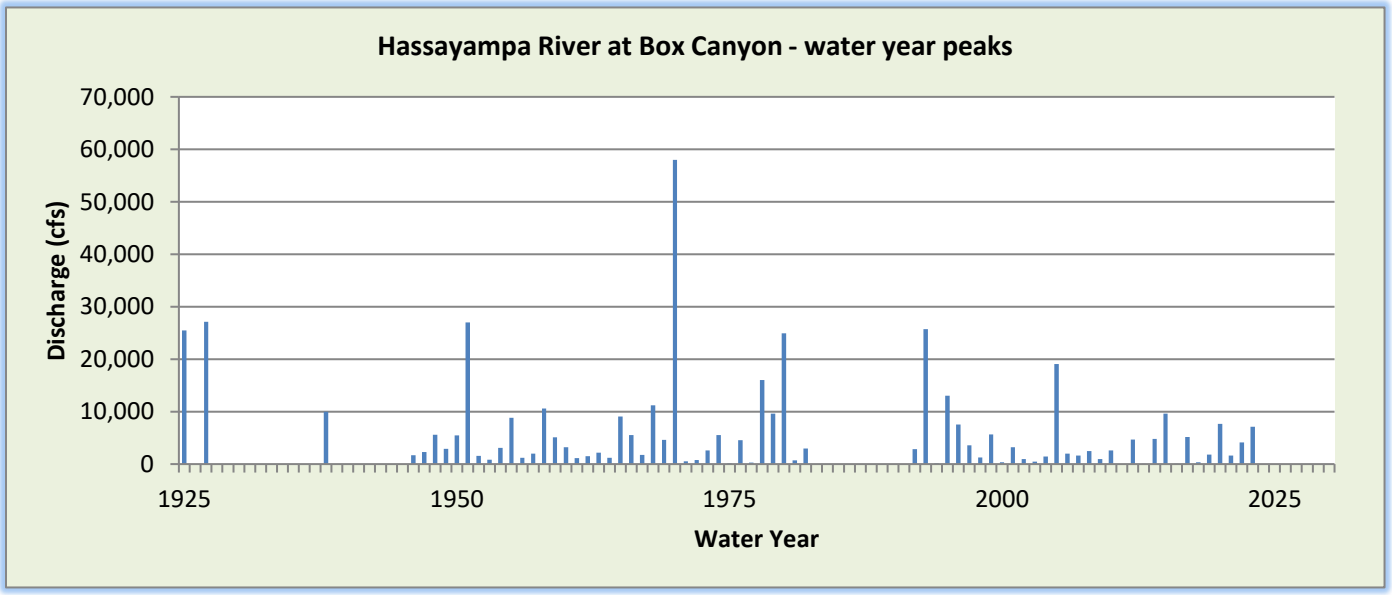


Site Data

LOCATION	Northeast of Wickenburg
DRAINAGE AREA	416 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
ARIZONA STATE PLANE	E 459666 | N 1108690
USGS QUAD SHEET	Sam Powell Peak 7.5-Minute
STREAMGAGE INSTALLATION DATE	11/17/1983 – WY 1984
PERIOD OF AVAILABLE DATA RECORD	10/16/1991 – Current
LENGTH OF AVAILABLE DATA RECORD	31.96 Years | 11,673 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	3.15 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	3
ZERO GAGE HEIGHT ELEVATION	2,238.01 feet NAVD88
POINT OF ZERO FLOW	2.8 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

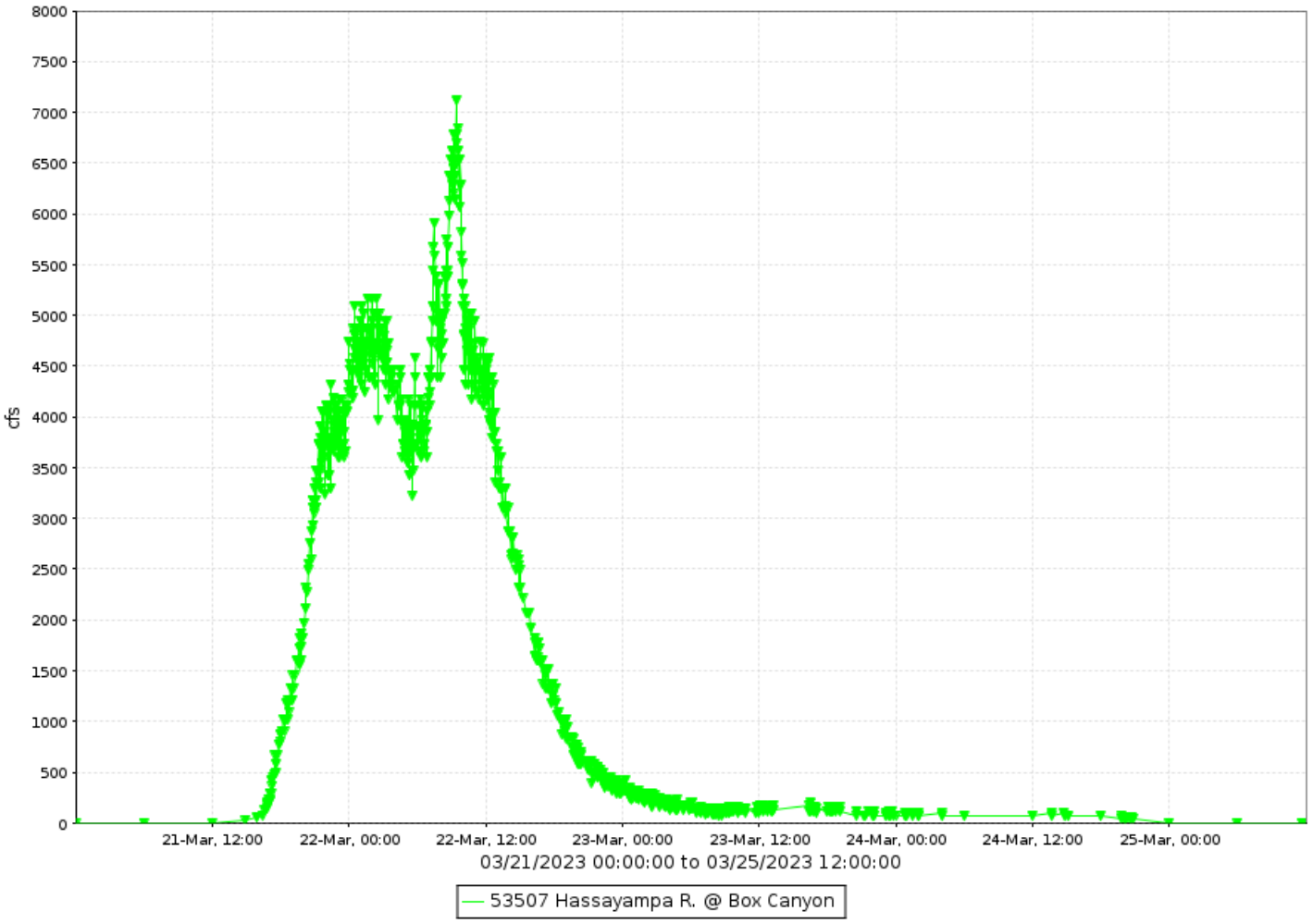




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
1/16	5.64	1241
3/2	3.98	127
3/16	4.47	331
3/22	10.26	7113

Hydrograph of peak WY 2023 flow event, 03/22/2023



Hassayampa River at Box Canyon, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1						1						
2						43						
3						37						
4						36						
5						41						
6						26						
7						12						
8												
9												
10												
11												
12				5								
13												
14												
15				29		35						
16				326		270						
17				548		74						
18				85		38						
19						23						
20						1		---				
21						712		---				
22						3141						
23						145						
24						63						
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	993	0	4698	0	0	0	0	0	0
MEAN	0	0	0	32	0	152	0	0	0	0	0	0
MAX	0	0	0	1208	0	7113	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	1970	0	9319	0	0	0	0	0	0

WTR YR 2023 TOTAL 5691 MEAN 16 MAX 7113 MIN 0 AC_FT 11289

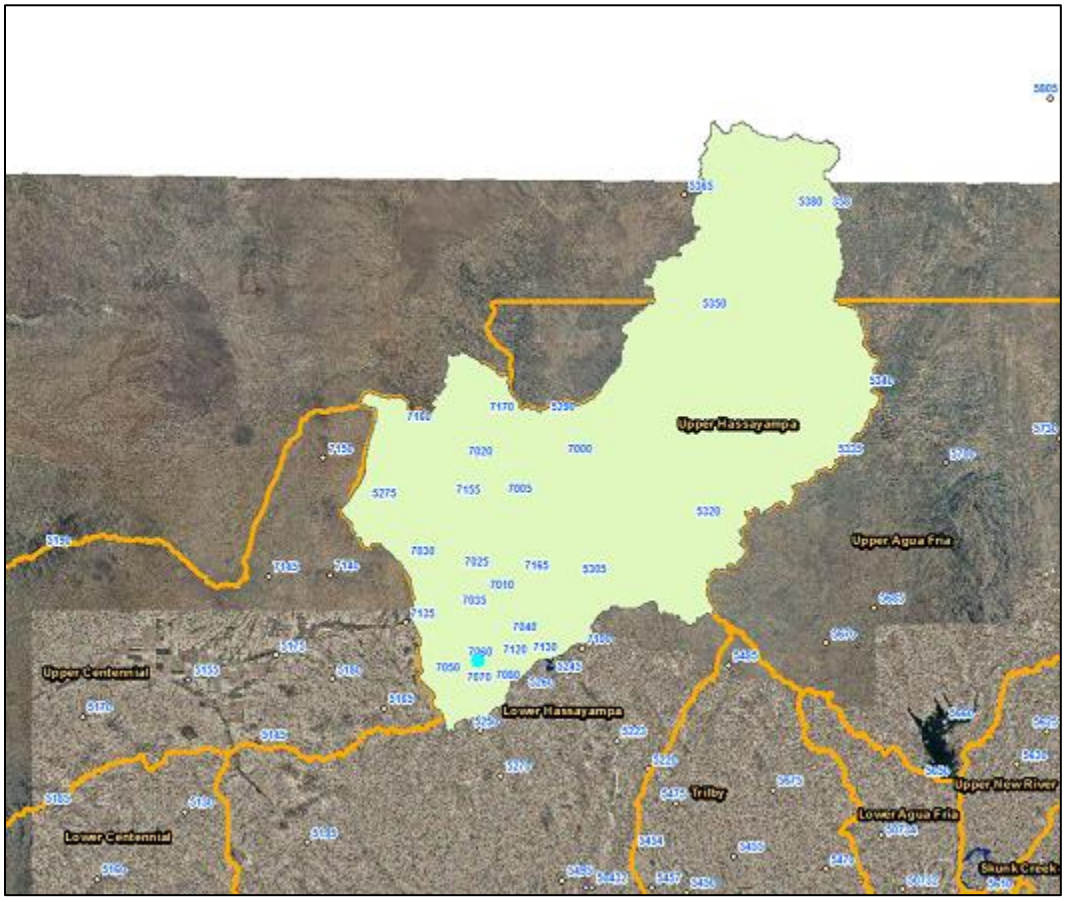
Hassayampa River at US60, ID #45707

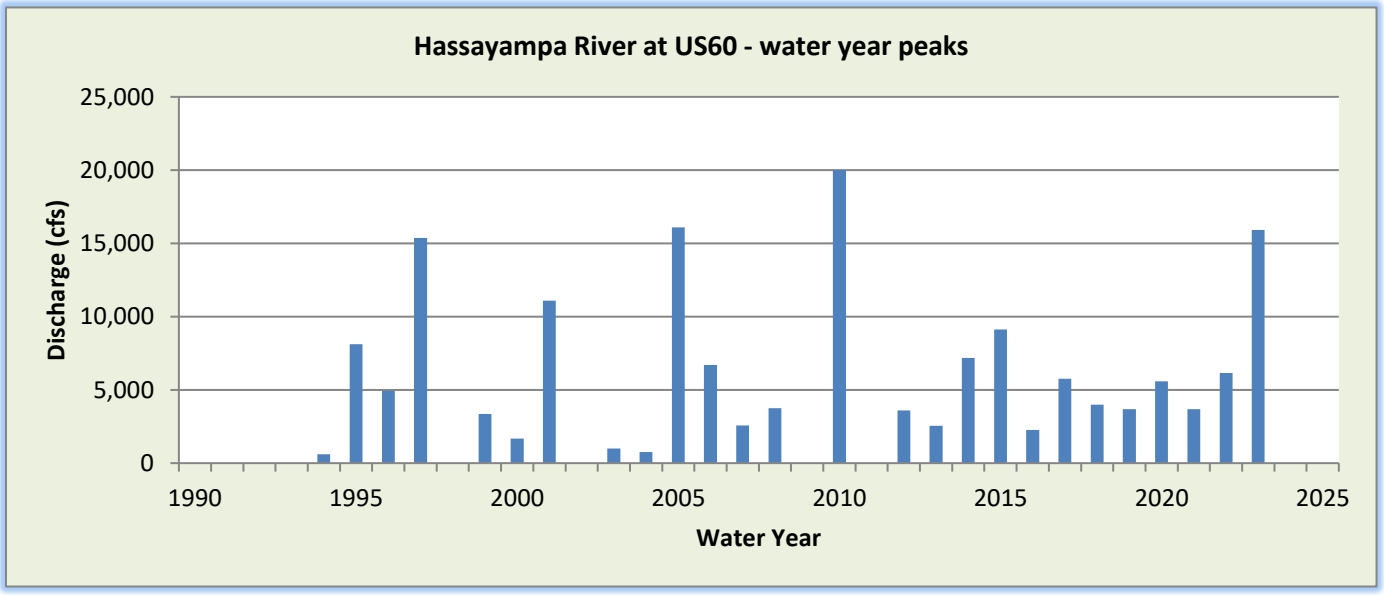


Site Data

LOCATION	US 60 crossing of the Hassayampa River
DRAINAGE AREA	709 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
ARIZONA STATE PLANE	E 454329 | N 1081573
USGS QUAD SHEET	Wickenburg 7.5-Minute
STREAMGAGE INSTALLATION DATE	03/14/1994 – WY 1994
PERIOD OF AVAILABLE DATA RECORD	03/14/1994 – 10/01/2010
LENGTH OF AVAILABLE DATA RECORD	29.55 Years | 10,793 Days
GAPS IN RECORD	06/26/2009 – 04/13/2010
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.60 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	2
ZERO GAGE HEIGHT ELEVATION	2,034.970 feet NAVD88
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



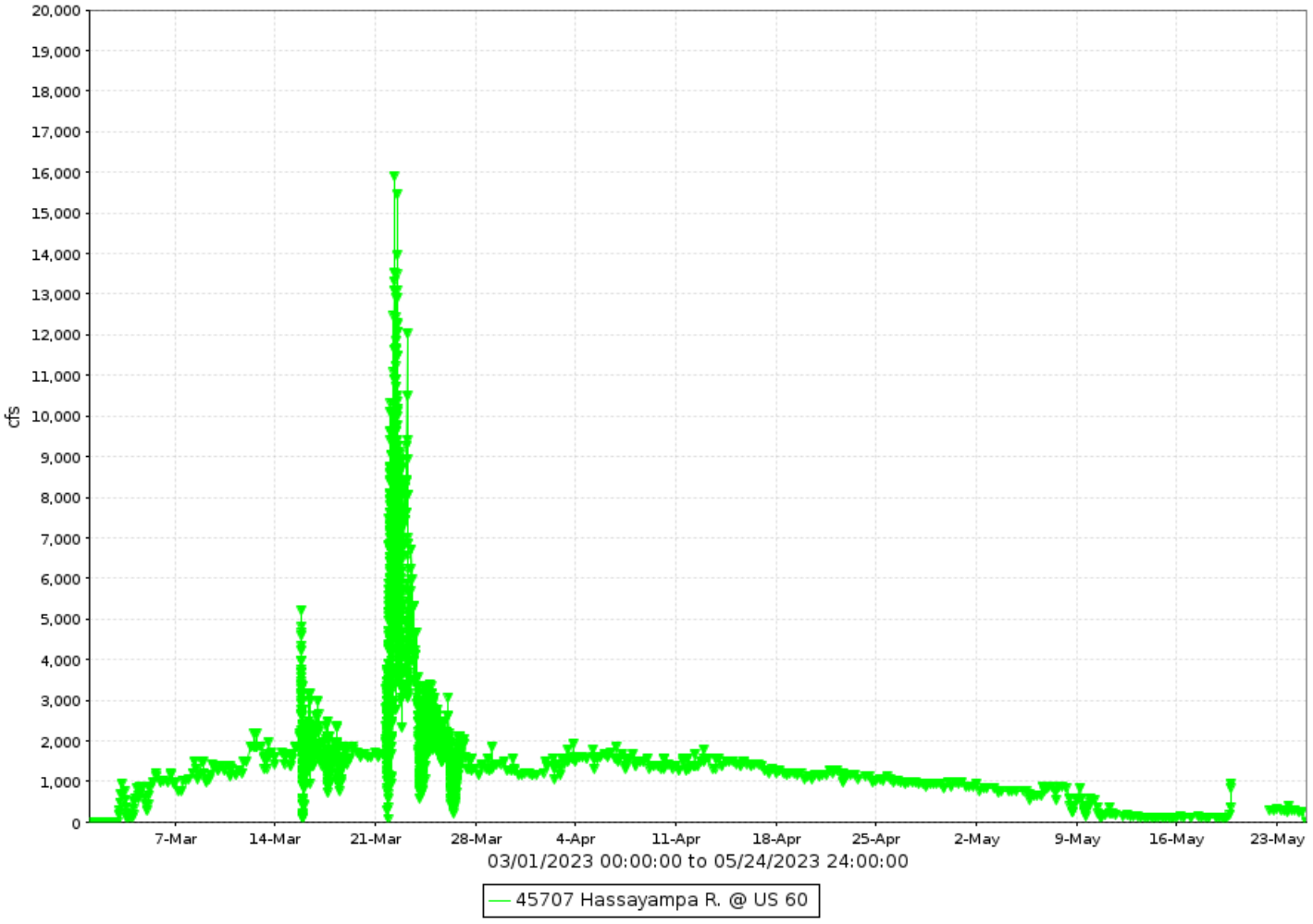


WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
1/17	2.80	5214
3/22	4.29	15907
5/19	1.47	935*

*max value unknown repeater damaged during event

Hydrograph of peak WY 2023 flow event, 03/22/2023



Hassayampa River at US60, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				110			1184	899				
2				41			1360	842				
3						354	1547	792				
4						640	1552	772				
5						869	1560	744				
6						1033	1674	709				
7						929	1510	834				
8						1210	1497	615				
9						1235	1394	469				
10						1303	1370	353				
11						1276	1358	214				
12			58			1753	1409	163				
13						1718	1510	128				
14						1596	1465	111				
15				261		1770	1437	96				
16				1107		1884	1414	123				
17				2384		1810	1287	113				
18				941		1606	1208	104				
19						1650	1197	313				
20						1611	1101	---				
21						1989	1169	---				
22						6931	1172	299				
23						5554	1131	320				
24						2235	1070	270				
25						2154	1063					
26						1457	1014					
27						1491	967					
28						1322	919					
29					---	1419	909					
30					---	1330	941					
31		---			---	1182	---		---			---
TOTAL	0	0	58	4844	0	51310	38391	11470	0	0	0	0
MEAN	0	0	2	156	0	1655	1280	370	0	0	0	0
MAX	0	0	191	5214	0	15907	1915	935	0	0	0	0
MIN	0	0	0	0	0	0	831	0	0	0	0	0
AC_FT	0	0	116	9609	0	101771	76147	22750	0	0	0	0

WTR YR 2023 TOTAL 10607 MEAN 291 MAX 15907 MIN 0 AC_FT 210394

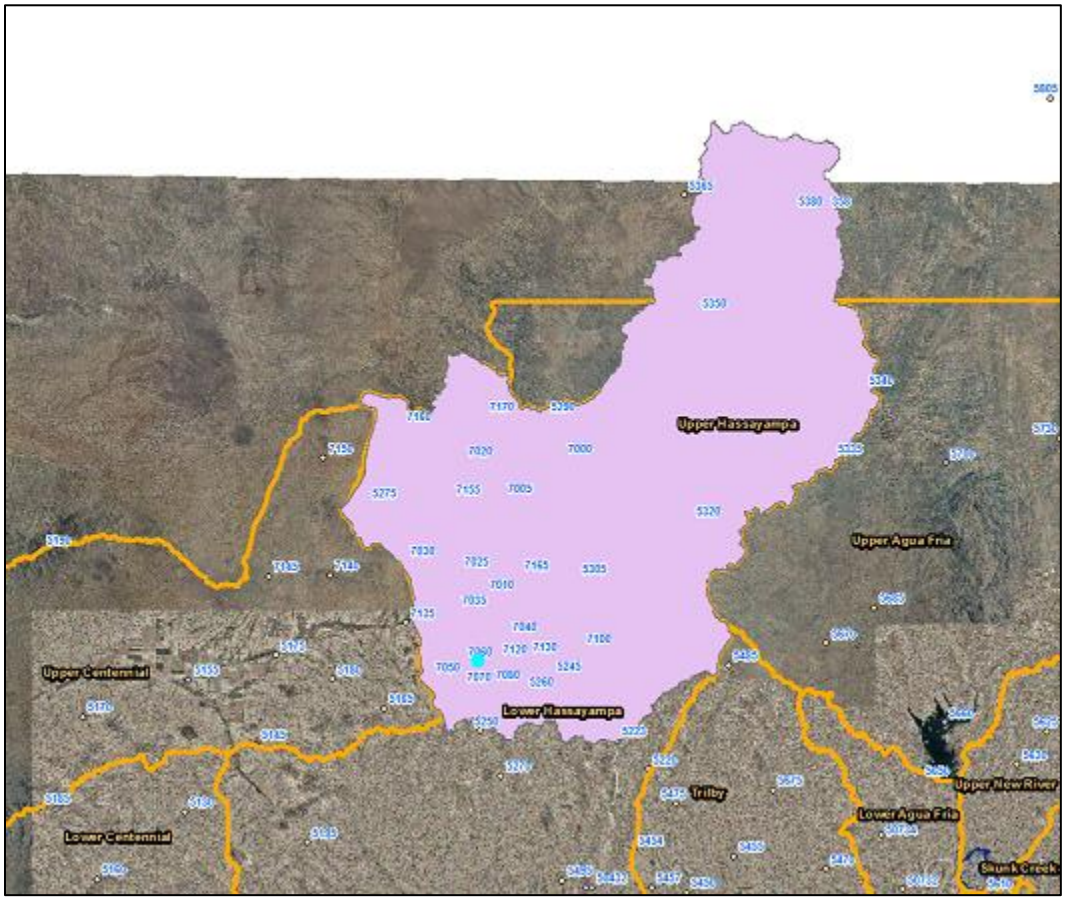
Hassayampa River near Morristown, ID #45507

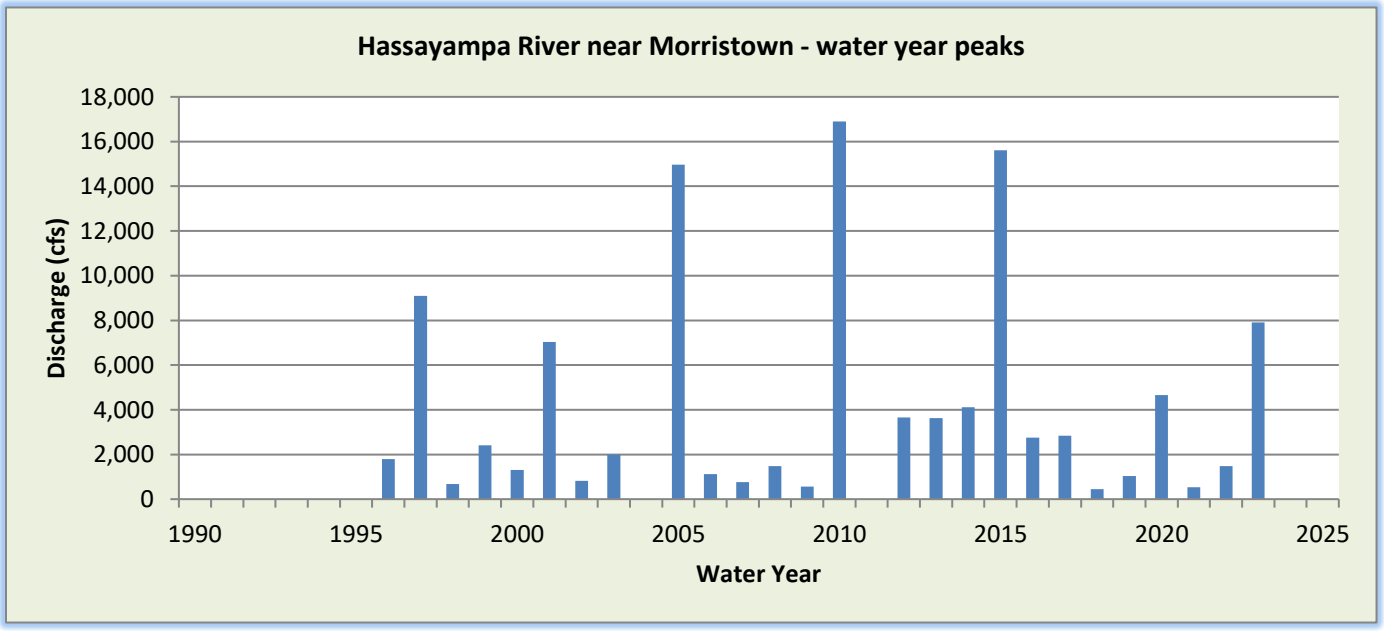


Site Data

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
ARIZONA STATE PLANE	E 473891 | N 1050295
USGS QUAD SHEET	Wickenburg 7.5-Minute
STREAMGAGE INSTALLATION DATE	05/07/1996 – WY 1996
PERIOD OF AVAILABLE DATA RECORD	05/07/1996 – Current
LENGTH OF AVAILABLE DATA RECORD	27.40 Years | 10,008 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	7.25 feet Gage Height
STAFF GAGES	2
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,832.621 feet NAVD88
POINT OF ZERO FLOW	6.5 feet Gage Height near 408ight bank
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

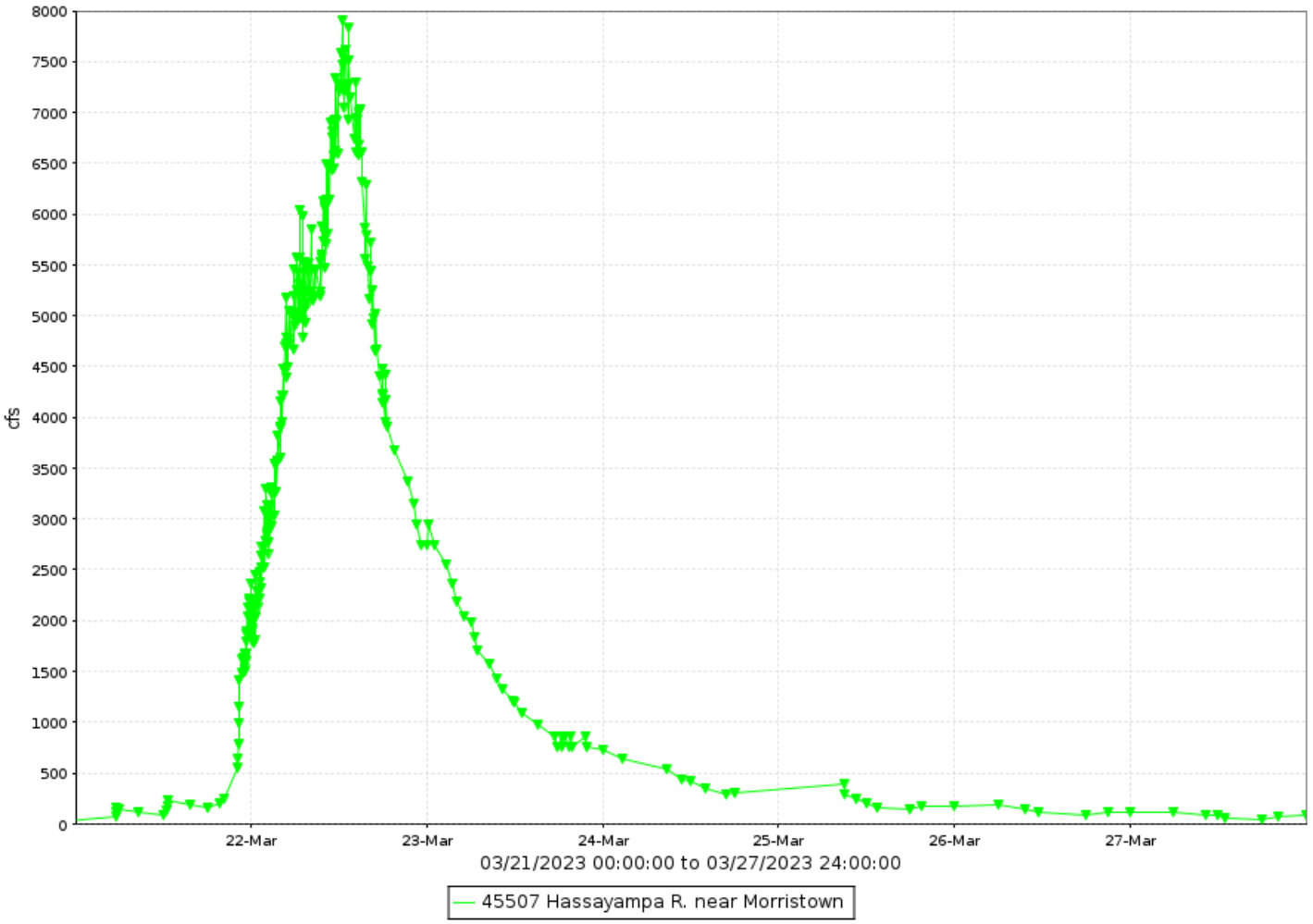




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
10/5	8.41	484
10/15	7.73	118
1/1	9.02	1076
1/17	9.73	1908
3/1	9.02	1075
3/15	9.81	2011
3/22	12.25	7903

Hydrograph of peak WY 2023 flow event, 03/22/2023



Hassayampa River near Morristown, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				59		241						
2				45		95						
3												
4												
5	16											
6	6											
7												
8												
9												
10												
11												
12												
13												
14												
15	3					218						
16	4					951						
17				868		230						
18				90		62						
19												
20						7						
21						244						
22						4713						
23						1472						
24						477						
25						230						
26						140						
27						89						
28						56						
29					---	32						
30					---	20						
31		---			---	15	---		---			---
TOTAL	29	0	0	1061	0	9293	0	0	0	0	0	0
MEAN	1	0	0	34	0	300	0	0	0	0	0	0
MAX	484	0	0	1908	0	7903	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	58	0	0	2105	0	18431	0	0	0	0	0	0

WTR YR 2023 TOTAL 10383 MEAN 28 MAX 7903 MIN 0 AC_FT 20594

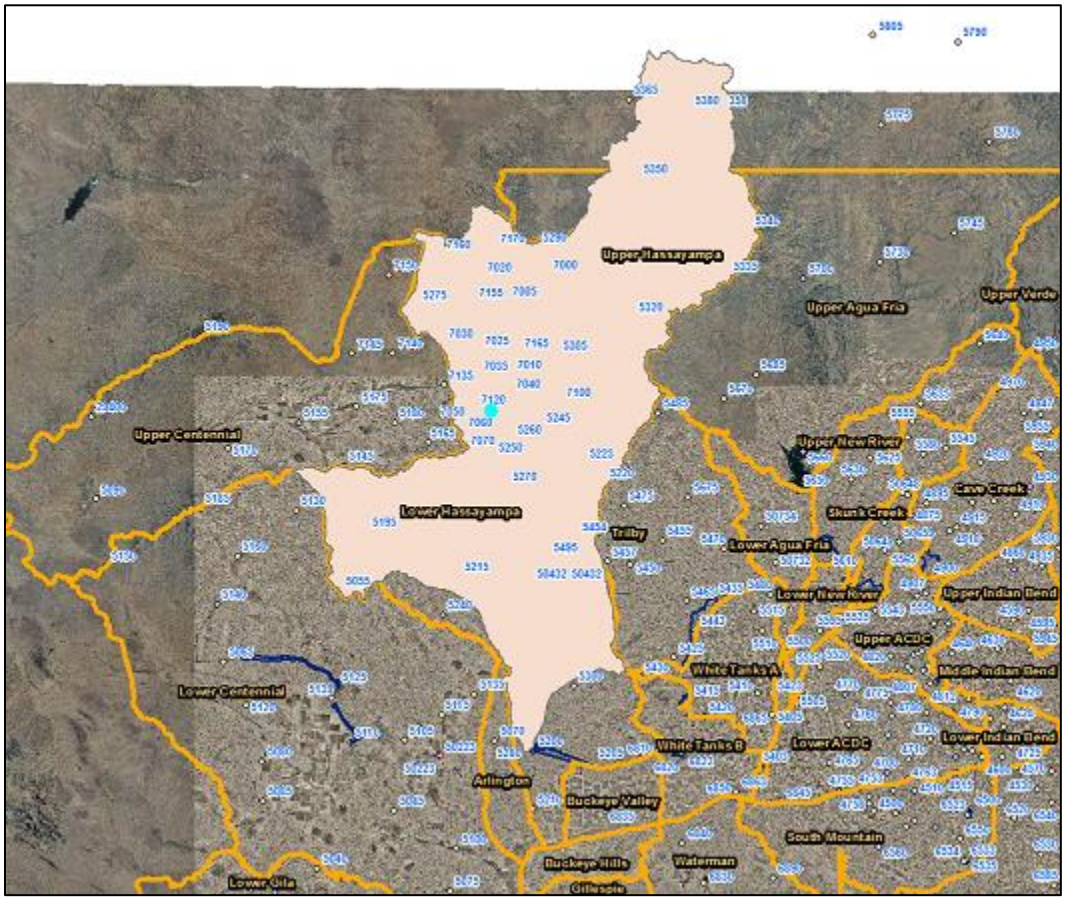
Hassayampa River at I-10, ID #48007

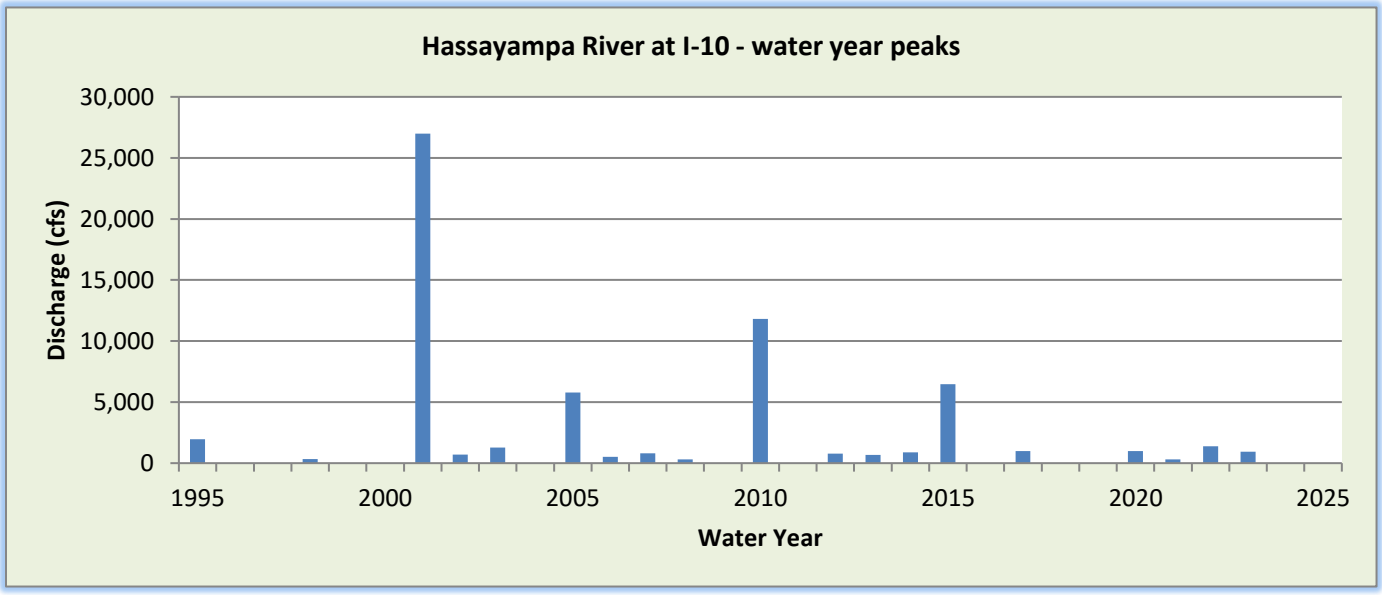


Site Data

LOCATION	Located on the eastbound I-10 bridge
DRAINAGE AREA	1,324 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
ARIZONA STATE PLANE	E 442398 | N 895153
USGS QUAD SHEET	Wintersburg 7.5-Minute
STREAMGAGE INSTALLATION DATE	11/09/1994 – WY 1995
PERIOD OF AVAILABLE DATA RECORD	11/09/1994 – Current
LENGTH OF AVAILABLE DATA RECORD	28.89 Years | 10,553 Days
GAPS IN RECORD	02/15/2011 – 01/30/2012
STAGE GAGE TYPE	Transducer
STAGE GAGE ELEVATION	1.10 feet Gage Height
STAFF GAGES	1
CREST STAGE GAGES	2
ZERO GAGE HEIGHT ELEVATION	1,018.722 feet NAVD88
POINT OF ZERO FLOW	0.25 feet Gage Height
EXTREME FOR PERIOD OF RECORD	27,000 cfs | 7.05 feet | 10/27/2000

Watershed Map



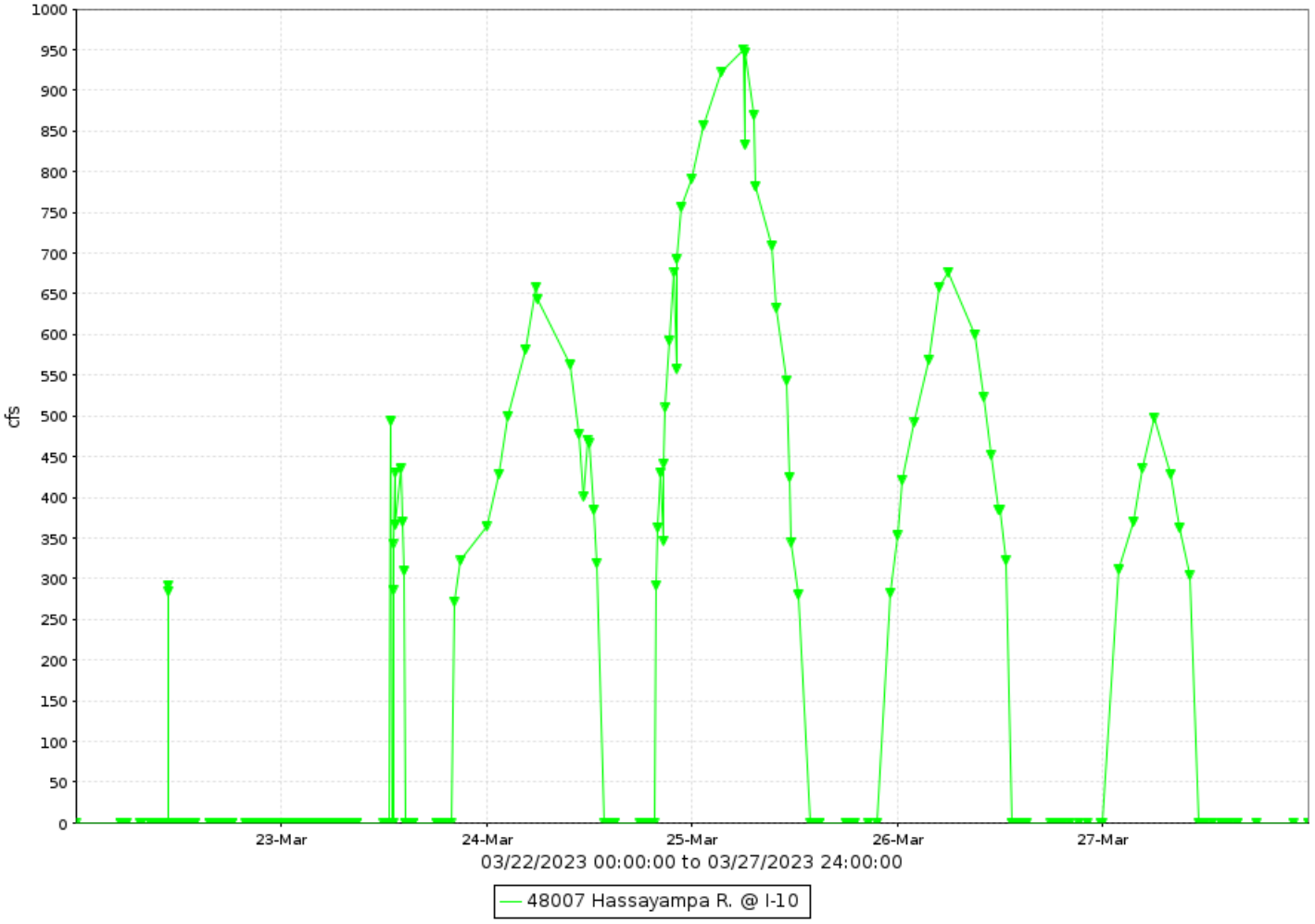


WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
10/15	2.44	627
1/17	2.53	694
3/25*	2.93	950

*PT did not properly capture event. Likely much larger

Hydrograph of peak WY 2023 flow event, 03/25/2023



Hassayampa River at I-10, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

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	38											
16	16											
17				196								
18												
19												
20												
21												
22												
23						74						
24						398						
25						432						
26						297						
27						153						
28				---								
29				---	---							
30				---	---							
31		---			---		---		---			---
TOTAL	54	0	0	196	0	1355	0	0	0	0	0	0
MEAN	2	0	0	6	0	44	0	0	0	0	0	0
MAX	627	0	0	694	0	951	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	107	0	0	388	0	2688	0	0	0	0	0	0

WTR YR 2023 TOTAL 1605 MEAN 4 MAX 951 MIN 0 AC_FT 3183

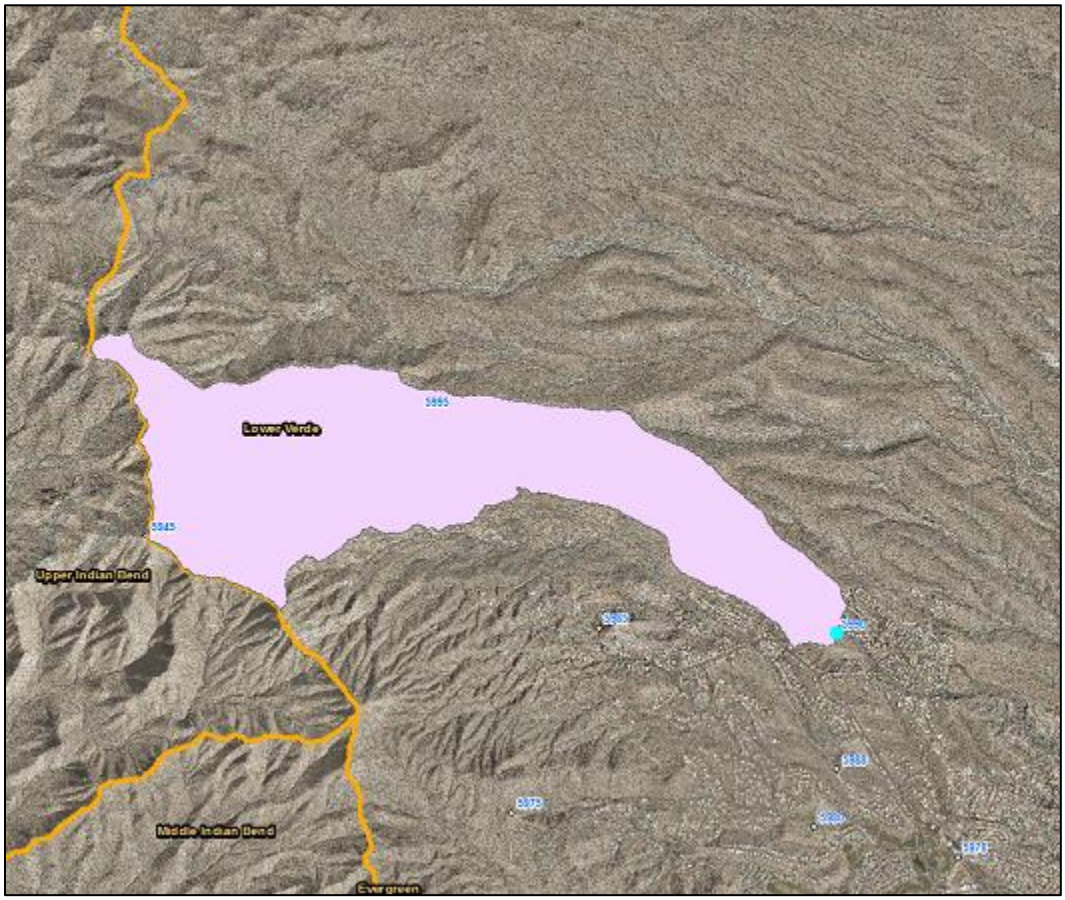
Hesperus Dam, ID #79007

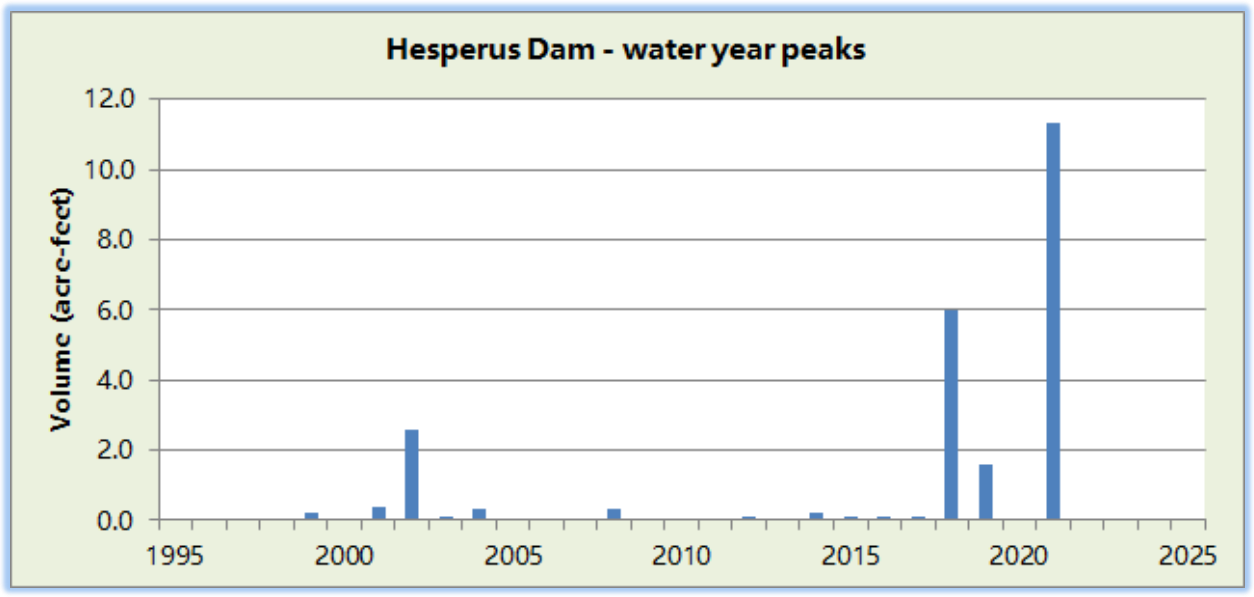


Site Data

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
ARIZONA STATE PLANE	E 751776 | N 959205
USGS QUAD SHEET	Fort McDowell Dam 7.5-Minute
STREAMGAGE INSTALLATION DATE	12/18/1996 – WY 1997
PERIOD OF AVAILABLE DATA RECORD	12/18/1996 – Current
LENGTH OF AVAILABLE DATA RECORD	26.78 Years | 9,783 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.79 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,855.608 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





WY2023 Events

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

Hydrograph of peak WY 2023 impoundment event

No impoundment recorded during Water Year 2023.

Hesperus Dam, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

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 2023 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

Hesperus Dam, volume data

Volume, in acre feet, Water Year October 2022 to September 2023

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 2023 MEAN 0 MAX 0 MIN 0

Hesperus Dam, stage data

Depth, in feet, Water Year October 2022 to September 2023

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
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	0.0	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	0.8	0.8	0.8	0.8	0.8	0.8	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 2023 MEAN 0.79 MAX 0.79 MIN 0.79

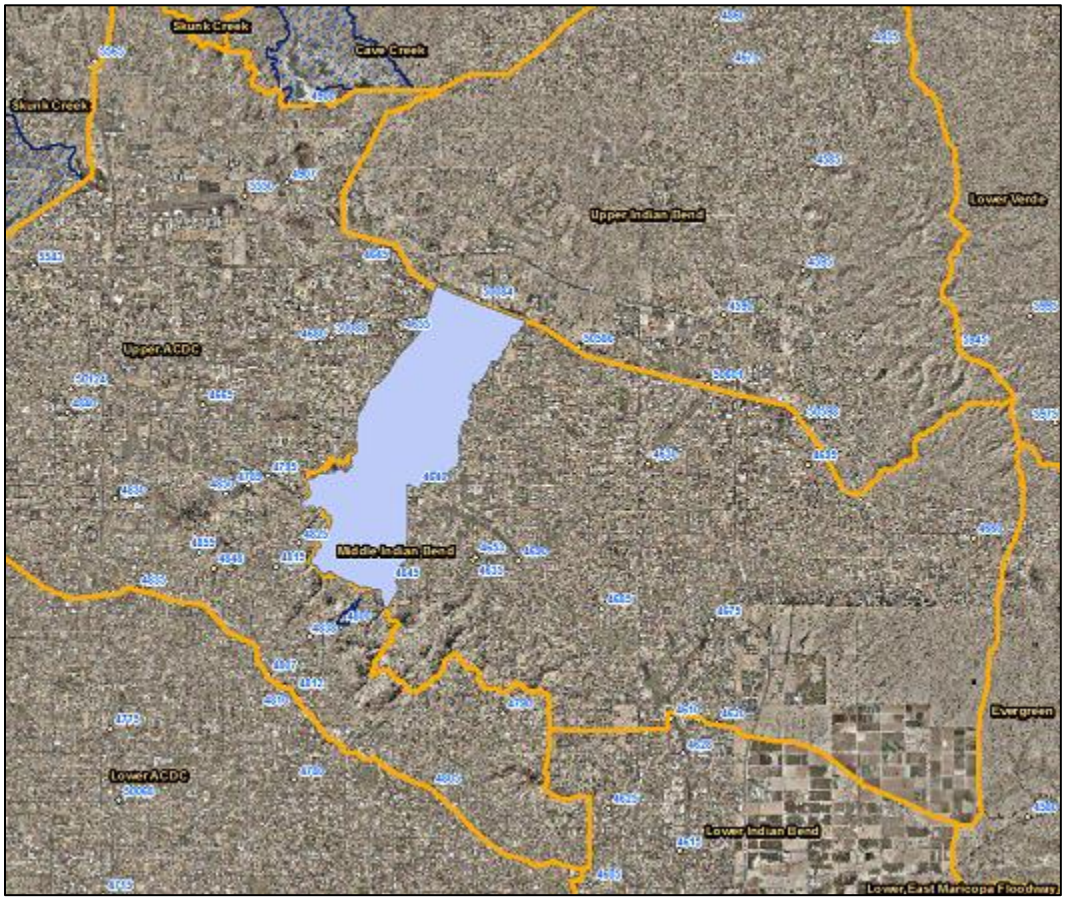
Indian Bend Wash at Sweetwater Avenue, ID #58307

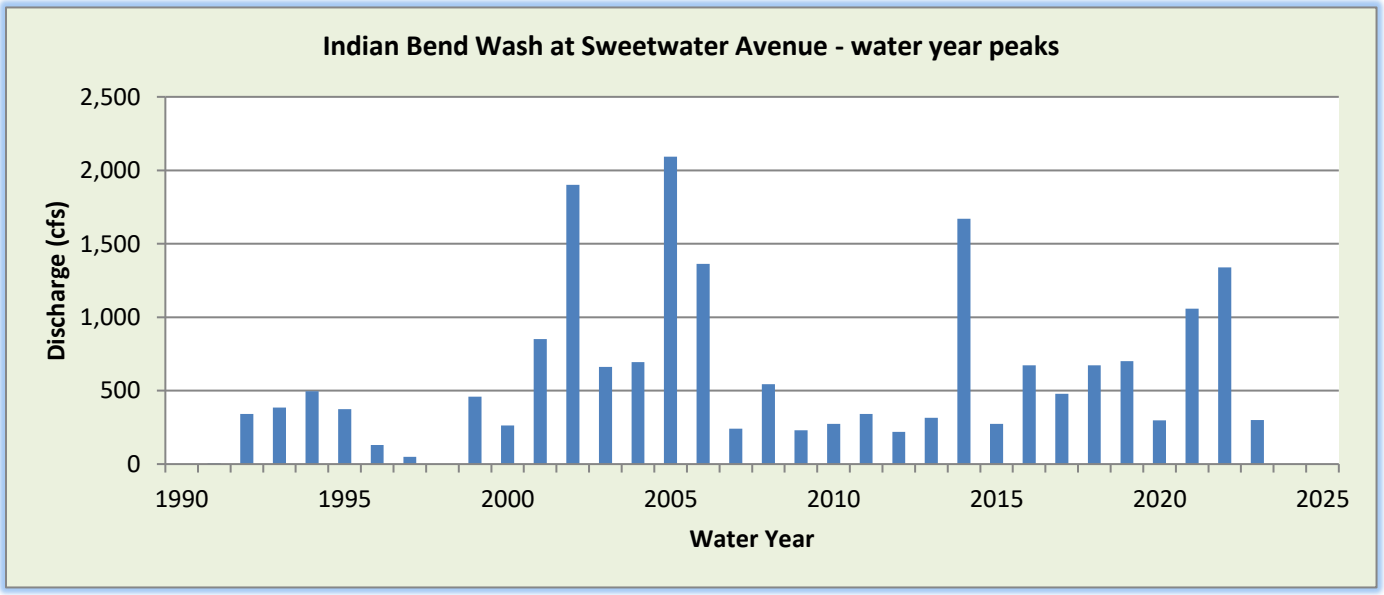


Site Data

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
ARIZONA STATE PLANE	E 673266 | N 947189
USGS QUAD SHEET	Sunnyslope 7.5-Minute
STREAMGAGE INSTALLATION DATE	12/27/1990 – WY 1991
PERIOD OF AVAILABLE DATA RECORD	03/27/1992 – Current
LENGTH OF AVAILABLE DATA RECORD	31.51 Years | 11,510 Days
GAPS IN RECORD	04/27/1997 – 11/22/1998
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.00 feet Gage Height
STAFF GAGES	1
CREST STAGE GAGES	1
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

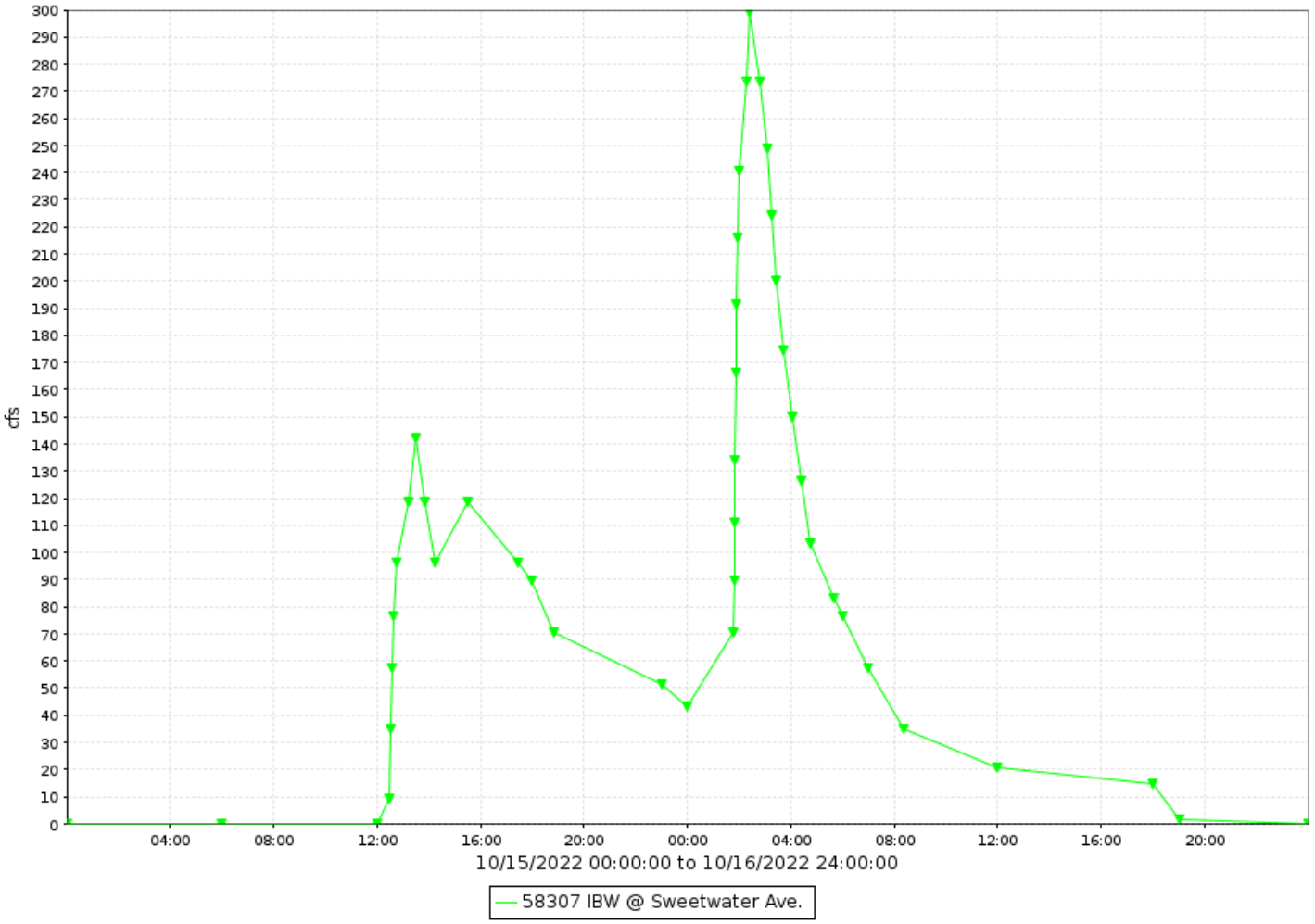




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
10/16	2.00	299
12/4	0.29	27
12/28	1.12	149
1/1	1.02	134
1/16	0.29	27
3/1	1.95	290
3/15	0.73	89

Hydrograph of peak WY 2023 flow event, 10/16/2023



Flood Flow Frequency

FEMA FIS, Flood Flow Frequency					
2-year	**5-year**	**10-year**	**20-year**	**50-year**	**100-year**
		2,000		**3,500**	**6,000**

Indian Bend Wash at Sweetwater Avenue, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				29		34						
2				1		17						
3			7									
4			8									
5			1									
6												
7												
8												
9												
10												
11												
12												
13												
14												
15	42					6						
16	52			3		25						
17												
18												
19												
20												
21												
22						4						
23												
24												
25												
26												
27												
28			27									
29			1		---							
30					---							
31		---			---		---		---			---
TOTAL	95	0	44	33	0	86	0	0	0	0	0	0
MEAN	3	0	1	1	0	3	0	0	0	0	0	0
MAX	299	0	149	134	0	290	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	188	0	86	66	0	171	0	0	0	0	0	0

WTR YR 2023 TOTAL 258 MEAN 1 MAX 299 MIN 0 AC_FT 511

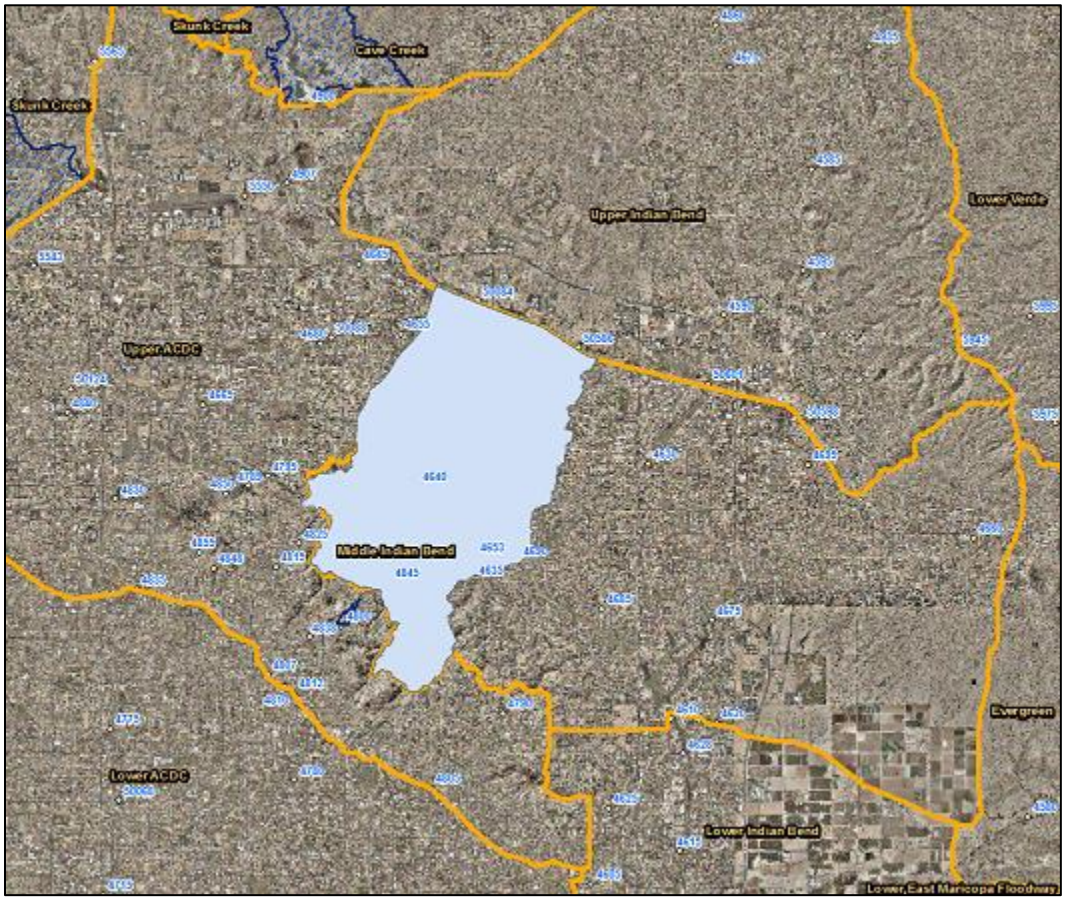
Indian Bend Wash at Shea Boulevard, ID #59507

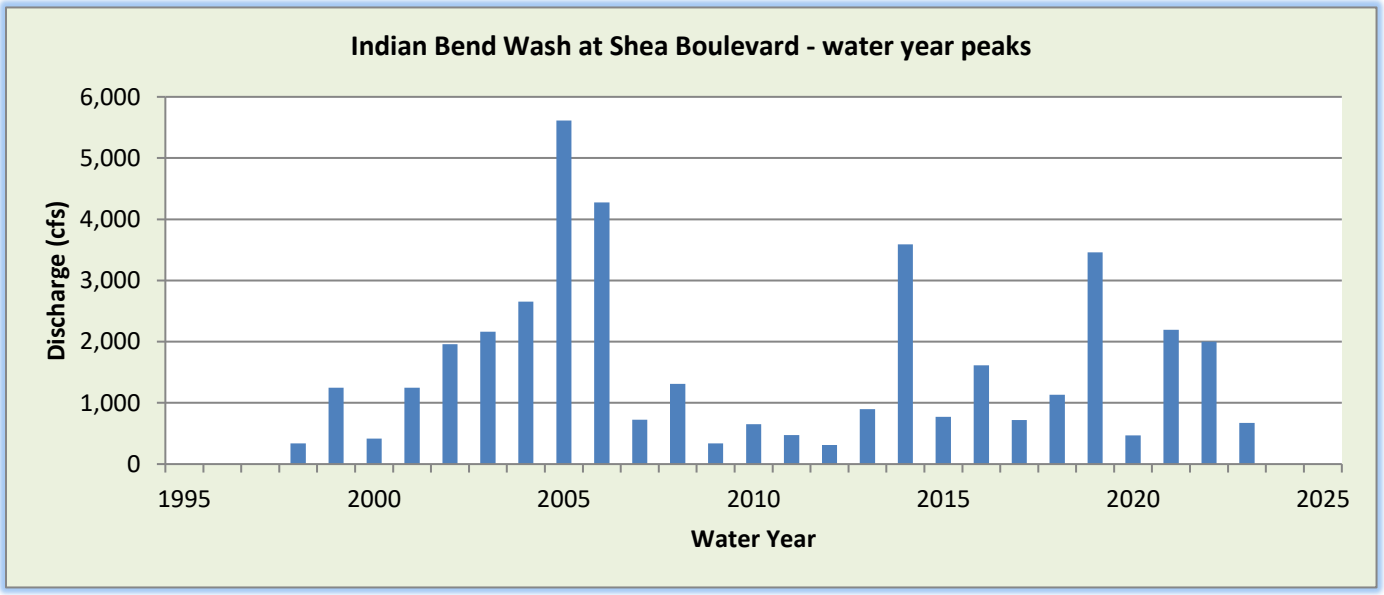


Site Data

LOCATION	Near 52nd Street and Shea Boulevard
DRAINAGE AREA	25.8 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
ARIZONA STATE PLANE	E 684236 | N 939083
USGS QUAD SHEET	Paradise Valley 7.5-Minute
STREAMGAGE INSTALLATION DATE	06/09/1998 – WY 1998
PERIOD OF AVAILABLE DATA RECORD	06/09/1998 – Current
LENGTH OF AVAILABLE DATA RECORD	25.31 Years | 9,245 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.35 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,344.26 feet NAVD88
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

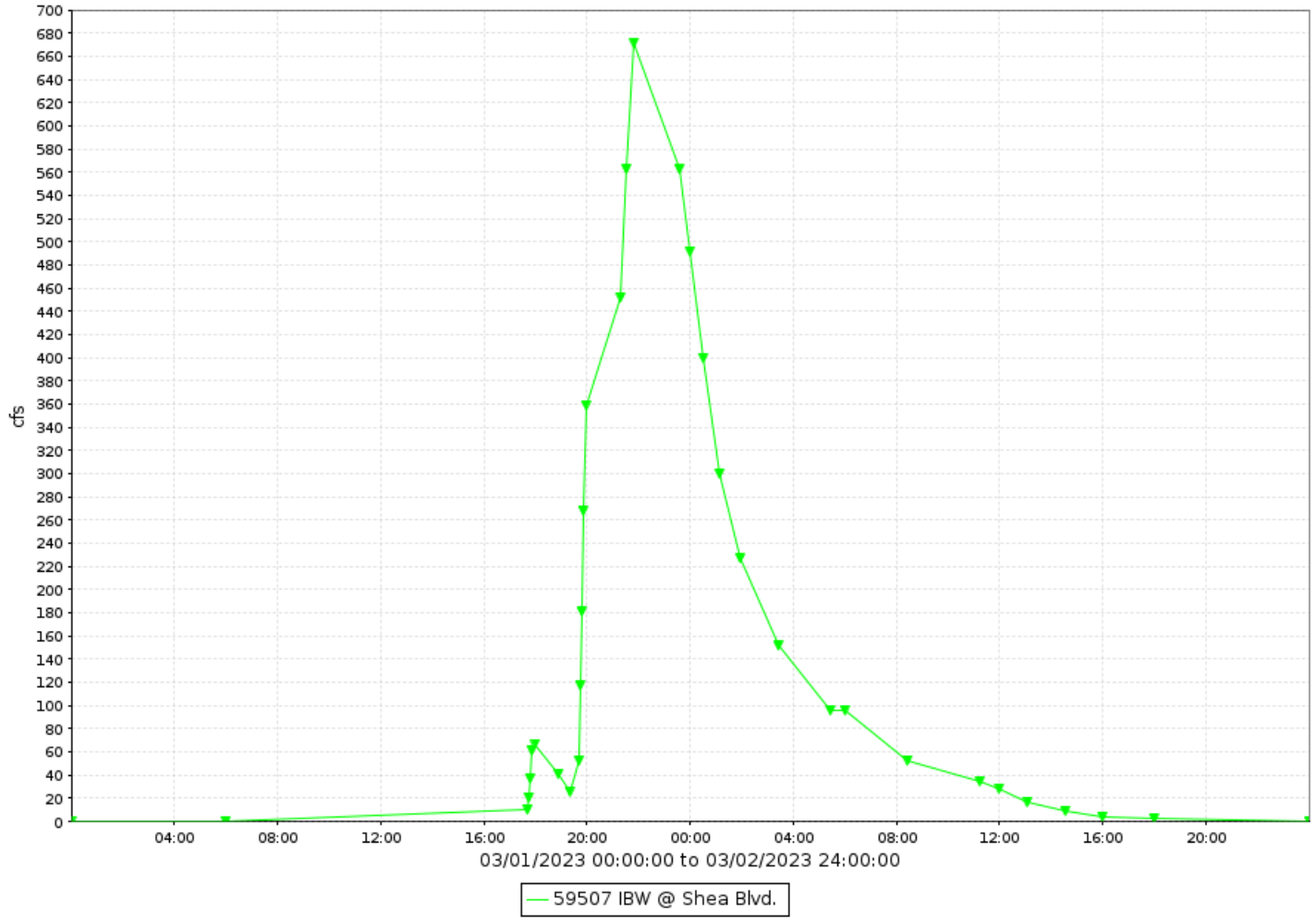




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
10/16	1.55	336
11/3	0.78	23
12/3	1.03	61
12/28	1.53	321
1/1	1.43	255
1/16	1.03	61
2/16	1.63	400
3/1	1.95	672
3/15	1.30	180
3/22	1.05	67
9/13	1.33	81

Hydrograph of peak WY 2023 flow event, 03/01/2023



Indian Bend Wash at Shea Boulevard, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				60		96						2
2				21		81						
3		1	17									
4			36									
5												
6												
7												
8												
9												
10												
11												
12			1									2
13												13
14												
15	58				2	16						
16	101			31	16	52						
17	3			8								
18												
19												
20												
21												
22						19						
23												
24												
25												
26												
27												
28			95									
29			2		---							
30					---							
31		---			---		---		---			---
TOTAL	162	1	151	120	18	264	0	0	0	0	0	17
MEAN	5	0	5	4	1	9	0	0	0	0	0	1
MAX	336	23	321	255	400	672	0	0	0	0	0	42
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	322	3	300	239	36	524	0	0	0	0	0	33

WTR YR 2023 TOTAL 734 MEAN 2 MAX 672 MIN 0 AC_FT 1457

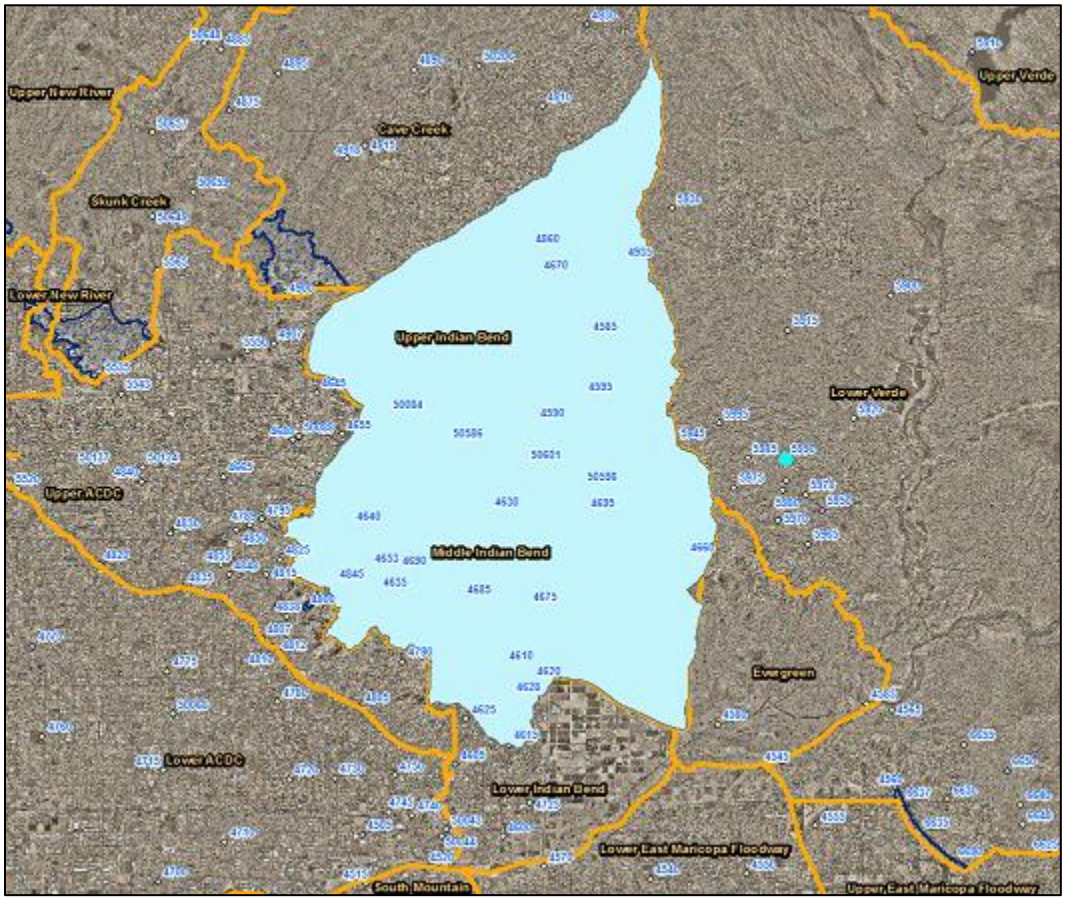
Indian Bend Wash near Indian Bend Road, ID #56307

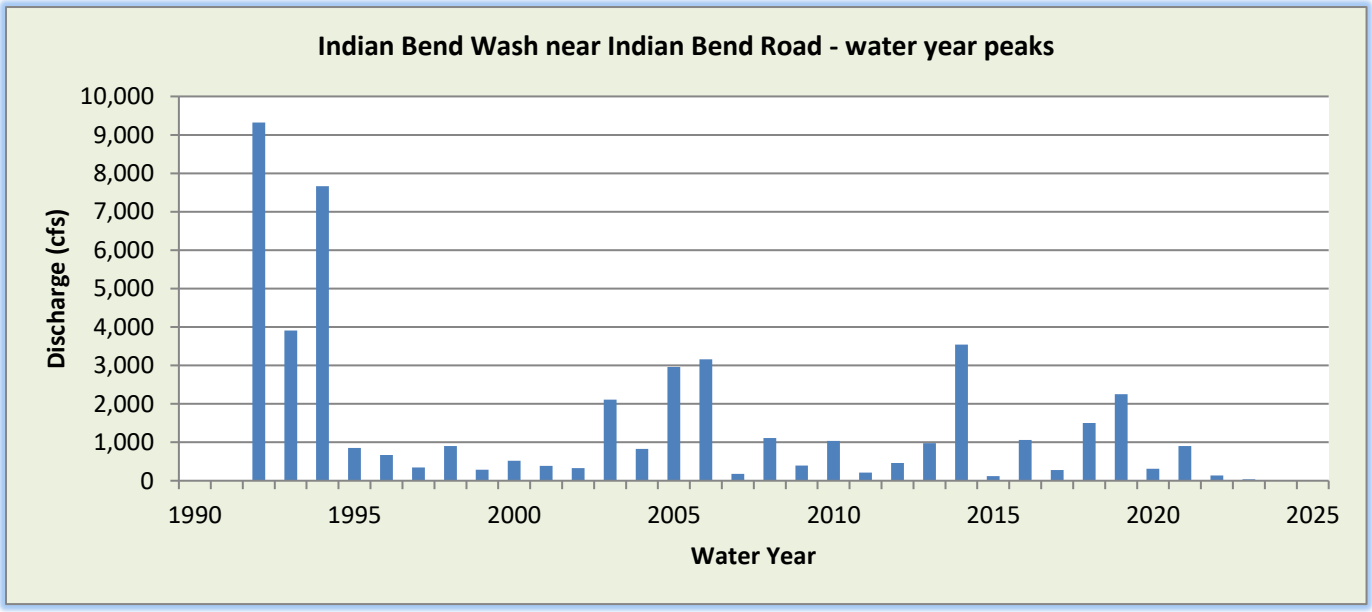


Site Data

LOCATION	About ¼ mile south of Indian Bend Road
DRAINAGE AREA	88 mi^2 via USGS Streamstats
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
ARIZONA STATE PLANE	E 700748 | N 921983
USGS QUAD SHEET	Paradise Valley 7.5-Minute
STREAMGAGE INSTALLATION DATE	09/28/1983 – WY 1983
PERIOD OF AVAILABLE DATA RECORD	03/27/1992 – Current
LENGTH OF AVAILABLE DATA RECORD	31.51 Years | 11,510 Days
GAPS IN RECORD	09/28/1983 – 03/27/1992 | 07/07/1999 – 01/25/2000
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	-0.15 feet Gage Height
STAFF GAGES	2
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	1,267.550 feet NAVD88
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

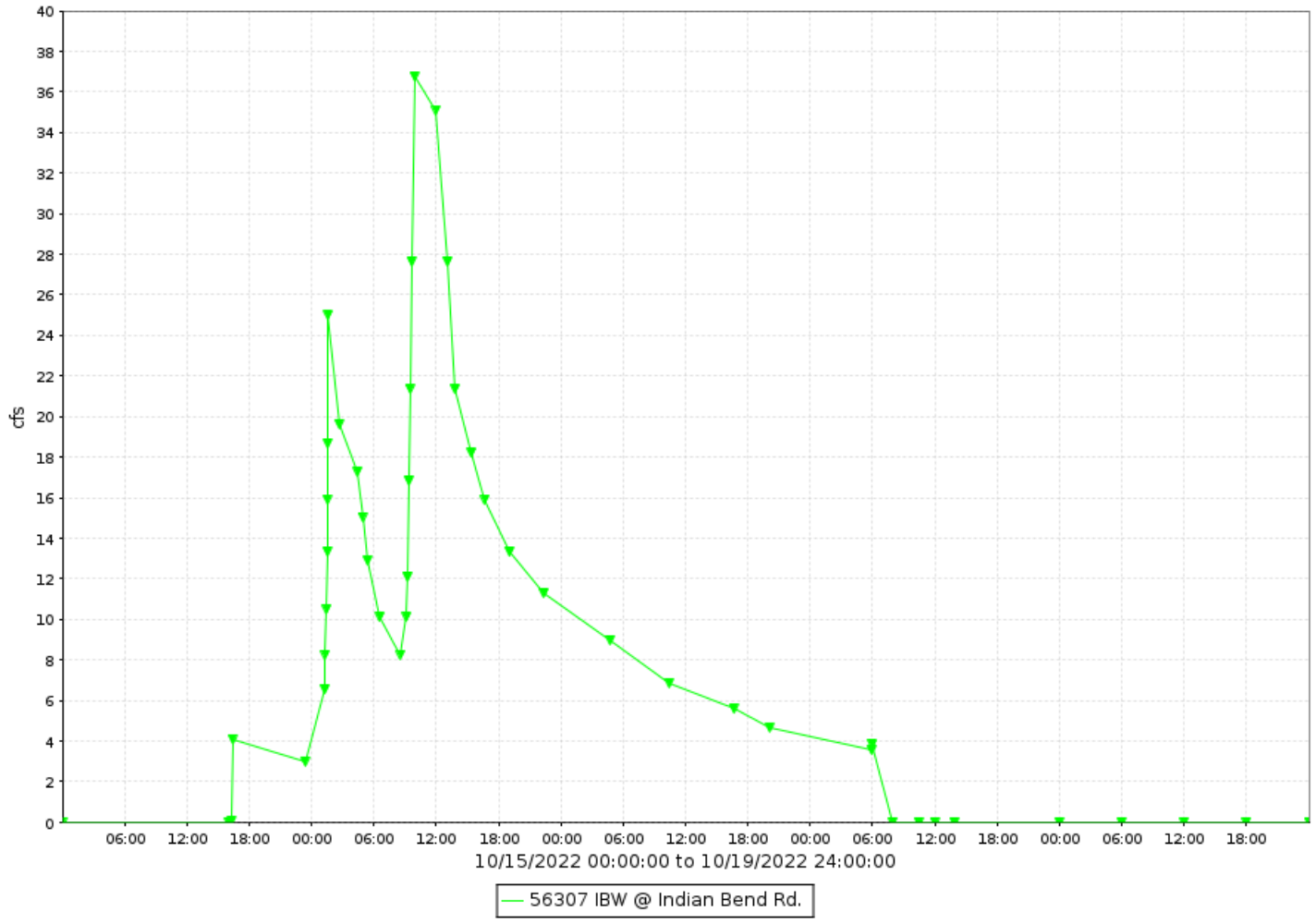




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
10/16	1.67	37
12/28	0.58	7
1/2	1.38	20
1/17	0.55	7
1/21	0.48	6
3/2	1.28	18
3/16	0.65	8
7/26	0.88	11

Hydrograph of peak WY 2023 flow event, 10/16/2022



Indian Bend Wash near Indian Bend Road, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				3		1						
2				14		12						
3				9		9						
4			6	6		6						
5	---		2	6		7						
6	---		1	7		7						
7				6		6						
8				6		6						
9				6		6						
10				6		6						
11				6		3						
12				6								
13				6		---						
14				5								
15	1					1						
16	18					6					2	
17	8			4		2						
18	1		1	2								
19												1
20				3								
21				5								
22				1							1	
23											1	
24												
25												
26												
27										5		
28			3							2		
29			3		---							
30					---							
31		---			---		---		---			---
TOTAL	28	0	16	107	0	76	0	0	0	8	4	1
MEAN	1	0	1	3	0	2	0	0	0	0	0	0
MAX	37	0	8	20	0	18	0	0	0	11	5	6
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	56	0	31	212	0	151	0	0	0	16	7	2

WTR YR 2023 TOTAL 239 MEAN 1 MAX 37 MIN 0 AC_FT 475

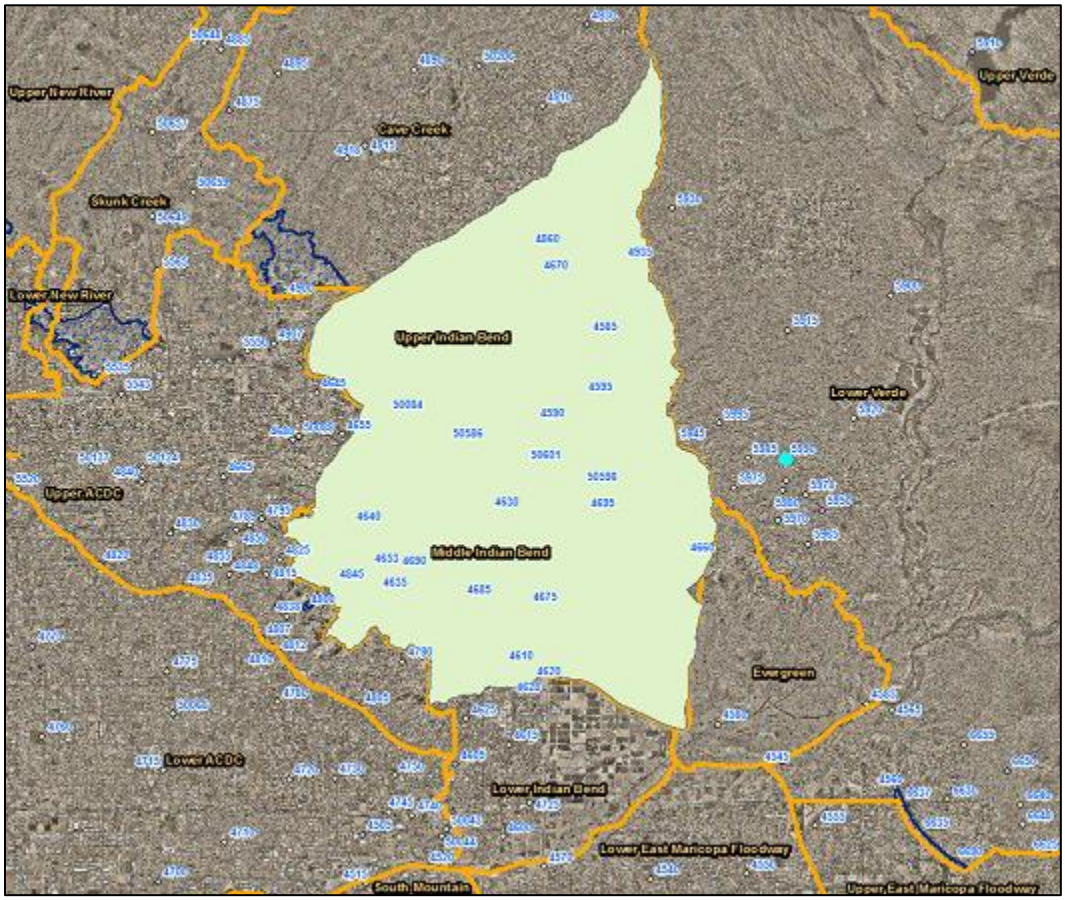
Indian Bend Wash at McDonald Drive, ID #57207

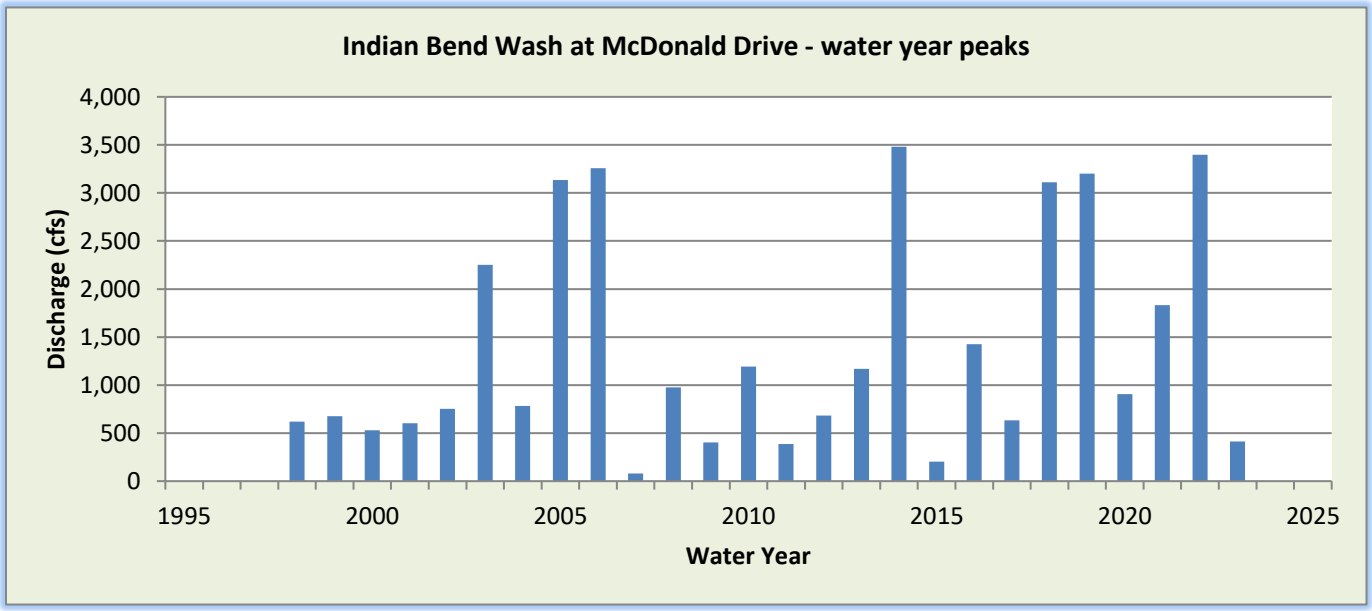


Site Data

LOCATION	On McDonald Drive west of Hayden Road
DRAINAGE AREA	91.1 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
ARIZONA STATE PLANE	E 702047 | N 918207
USGS QUAD SHEET	Paradise Valley 7.5-Minute
STREAMGAGE INSTALLATION DATE	11/24/1997 – WY 1998
PERIOD OF AVAILABLE DATA RECORD	11/24/1997 – Current
LENGTH OF AVAILABLE DATA RECORD	25.85 Years | 9,442 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	-1.90 feet Gage Height
STAFF GAGES	1
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	1,262.365 feet NAVD88
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

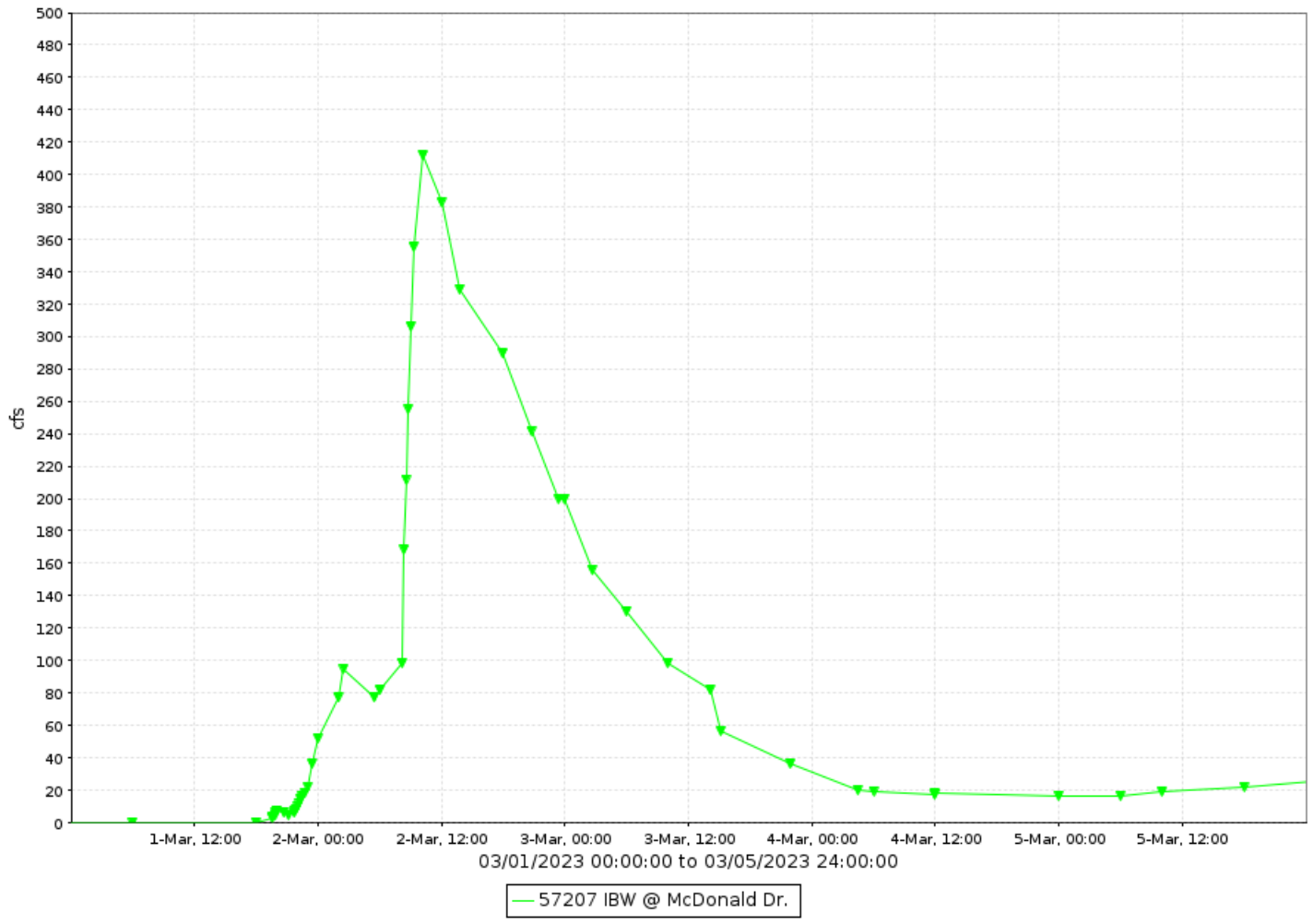




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
10/16	0.36	305
1/2	0.41	329
3/2	0.56	412
3/16	-0.22	86
7/26	0.26	255

Hydrograph of peak WY 2023 flow event, 03/02/2023



Indian Bend Wash at McDonald Drive, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				10		2						
2				243		232						
3			1	85		105						
4			12	22		22						
5			3	21		19						
6				22		25						
7				23		29						
8				20		18						
9				7		18						
10						5						
11												
12			1									
13						---						
14												
15	4					2						
16	162					38						
17	30			6		4						
18	4			2								
19												
20												
21												
22												
23												
24												
25												
26										6		
27										34		
28			4									
29			3		---							
30					---							
31		---			---		---		---			---
TOTAL	200	0	24	460	0	517	0	0	0	40	0	0
MEAN	6	0	1	15	0	17	0	0	0	1	0	0
MAX	305	0	20	383	0	412	0	0	0	255	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	396	0	48	913	0	1026	0	0	0	79	0	0

WTR YR 2023 TOTAL 1242 MEAN 3 MAX 412 MIN 0 AC_FT 2463

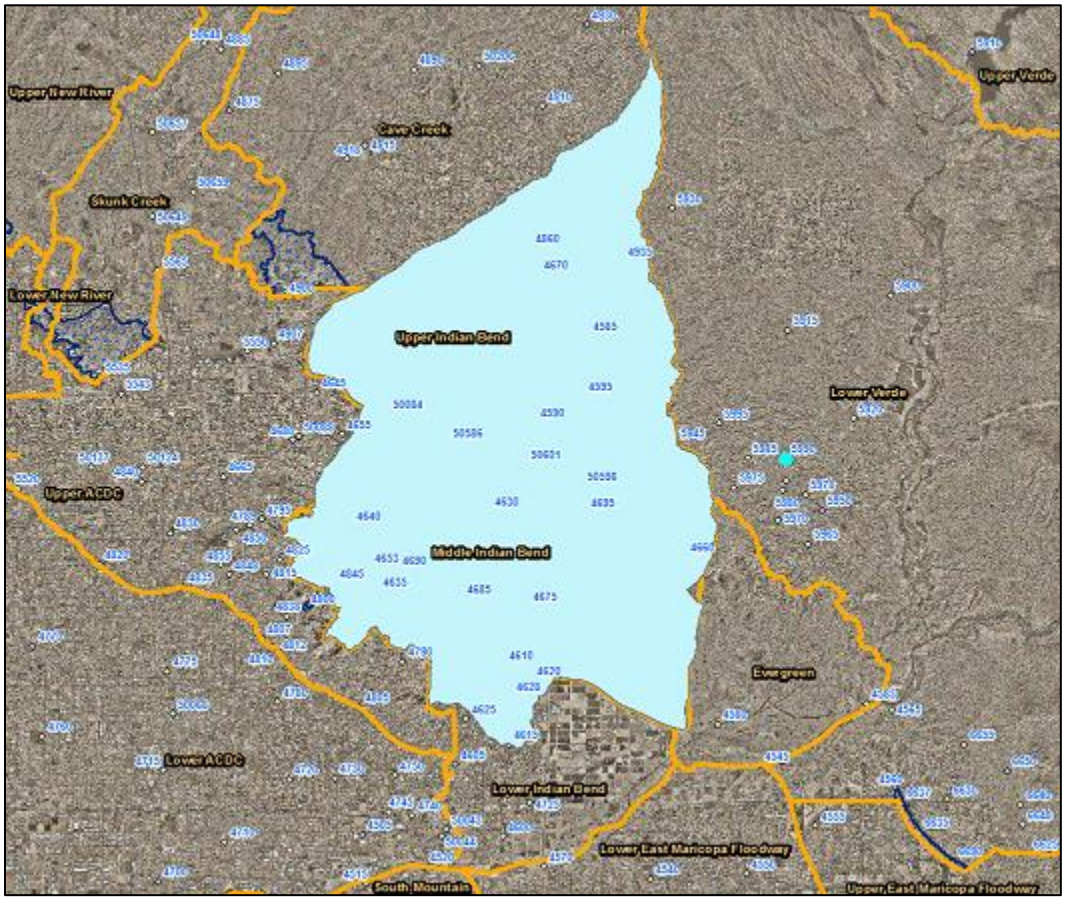
Indian Bend Wash at Indian School Road, ID #56507

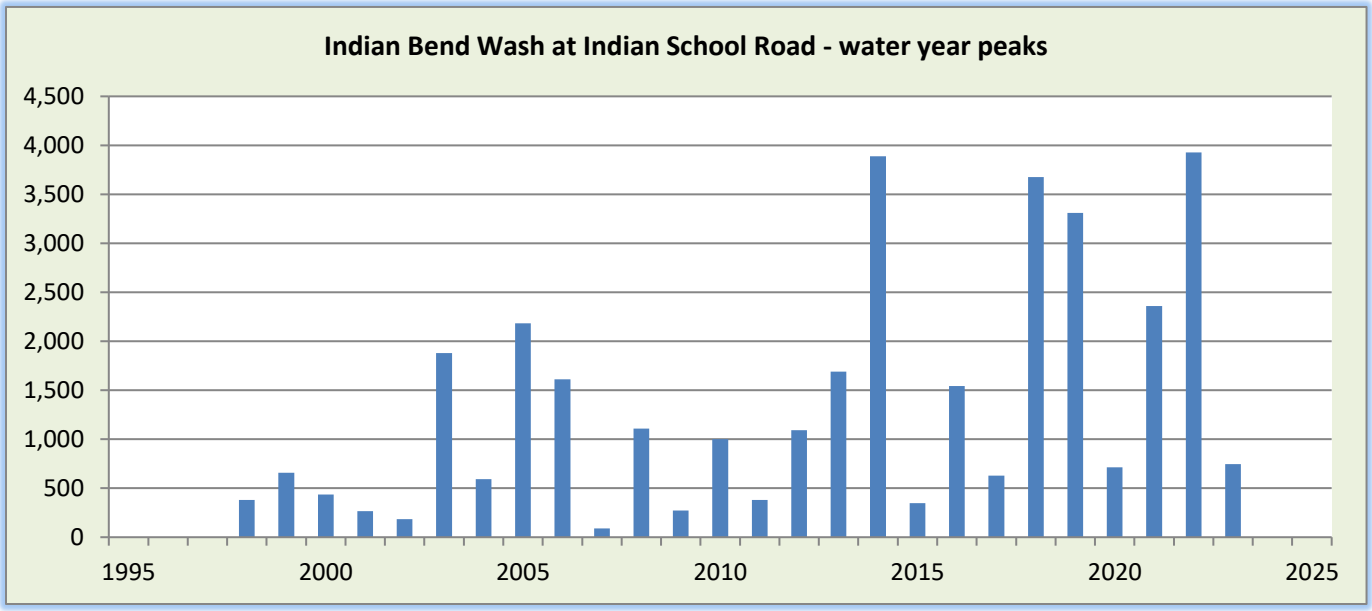


Site Data

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
ARIZONA STATE PLANE	E 701656 | N 907657
USGS QUAD SHEET	Tempe 7.5-Minute
STREAMGAGE INSTALLATION DATE	11/25/1997 – WY 1998
PERIOD OF AVAILABLE DATA RECORD	11/25/1997 – Current
LENGTH OF AVAILABLE DATA RECORD	25.85 Years | 9,441 Days
GAPS IN RECORD	11/30/2009 – 02/16/2010
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.72 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	1,235.282 feet NAVD88
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	3,929 cfs | 5.76 feet | 07/23/2022

Watershed Map

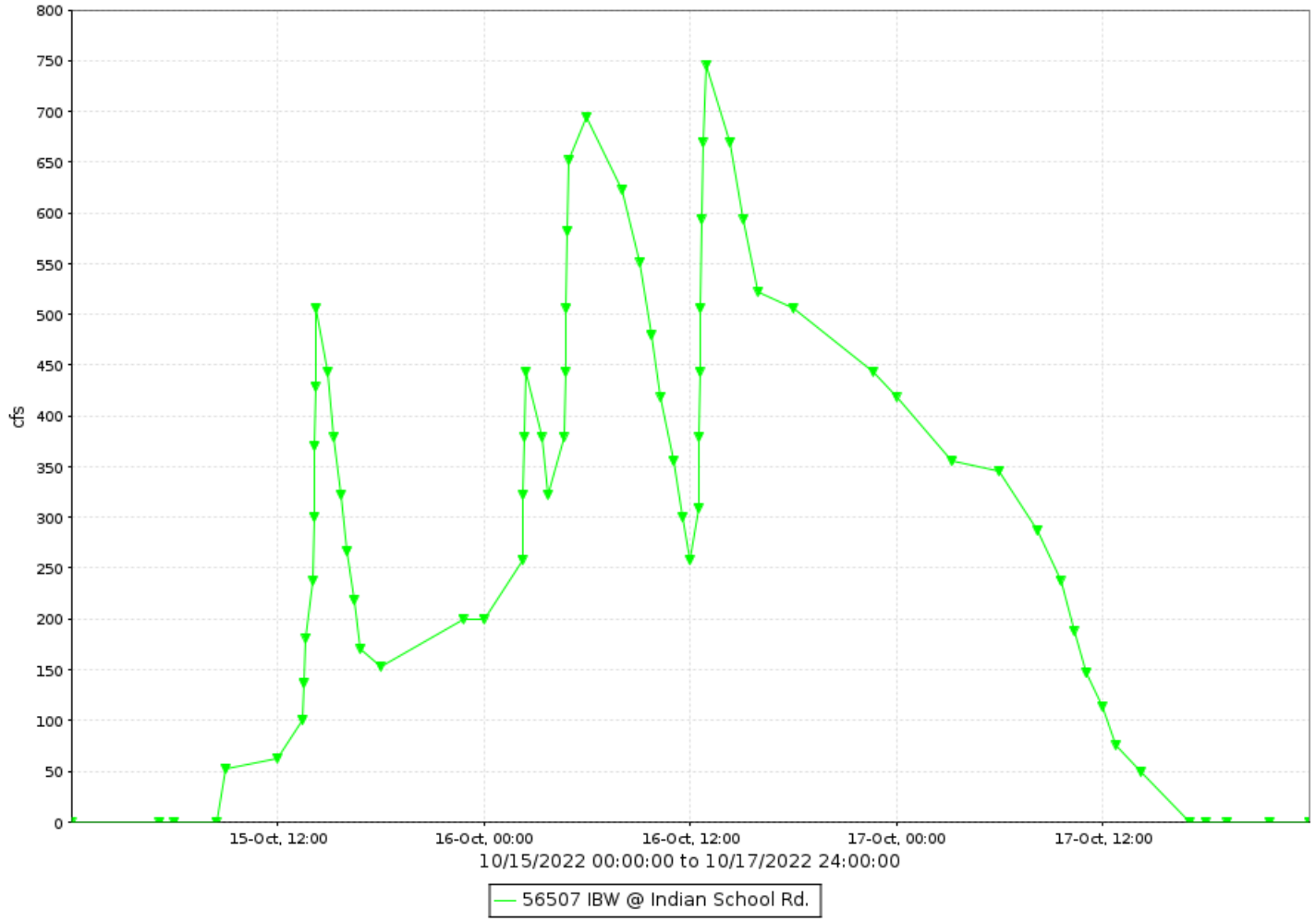




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
10/16	2.41	746
10/25	1.66	332
11/4	1.61	309
12/4	1.44	238
1/2	1.27	173
2/16	1.57	289
2/26	1.37	210
3/1	1.95	290
3/15	1.24	164
7/27	1.74	370
9/13	1.62	311

Hydrograph of peak WY 2023 flow event, 10/16/2022



Indian Bend Wash at Indian School Road, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			7									79
2			57	93								52
3			104									
4			65									
5			3									
6			36									
7			94									
8			98									
9												
10												
11												
12												
13												56
14												
15	106				24							
16	499				94							
17	179											
18												
19												
20												
21												
22												
23												
24	61											
25	129											
26										4		
27										92		
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	974	0	464	93	118	0	0	0	0	95	0	187
MEAN	31	0	15	3	4	0	0	0	0	3	0	6
MAX	746	0	266	258	289	0	0	0	0	370	0	311
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	1932	0	919	185	234	0	0	0	0	189	0	371

WTR YR 2023 TOTAL 1931 MEAN 5 MAX 746 MIN 0 AC_FT 3831

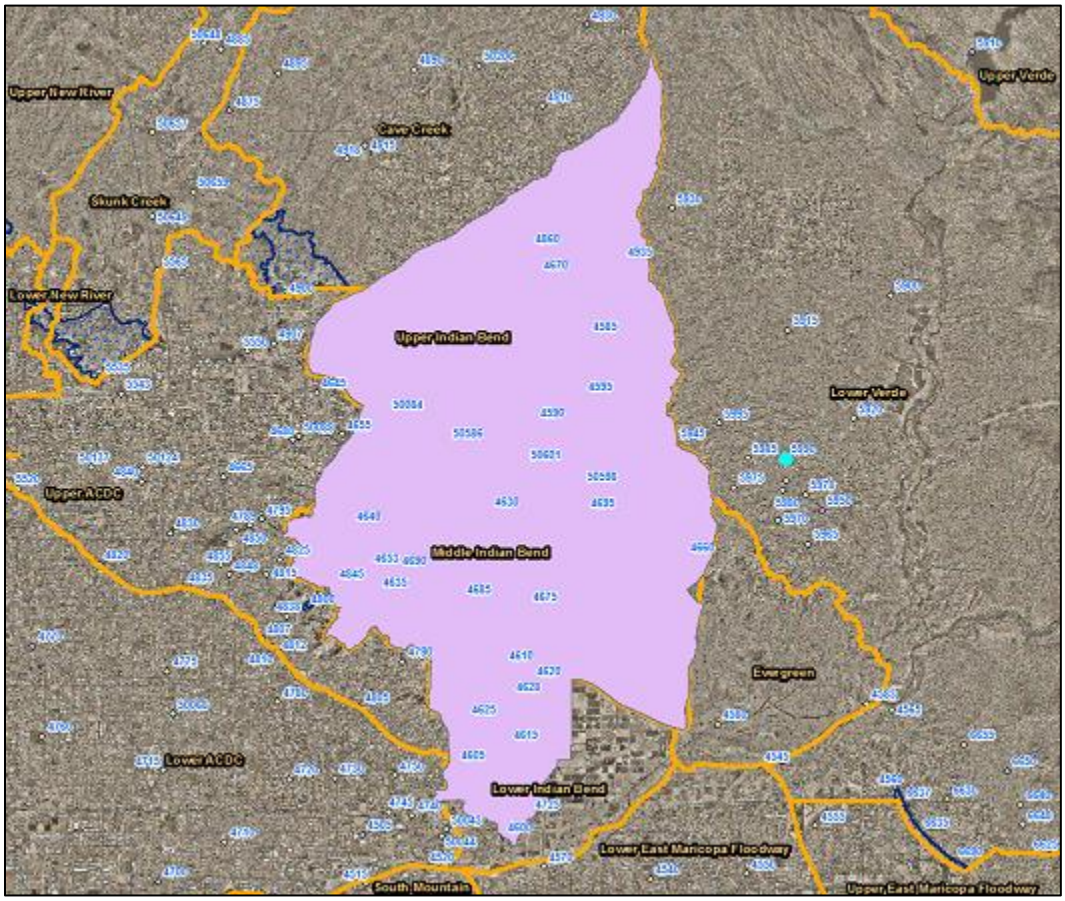
Indian Bend Wash near McKellips Road, ID #55707

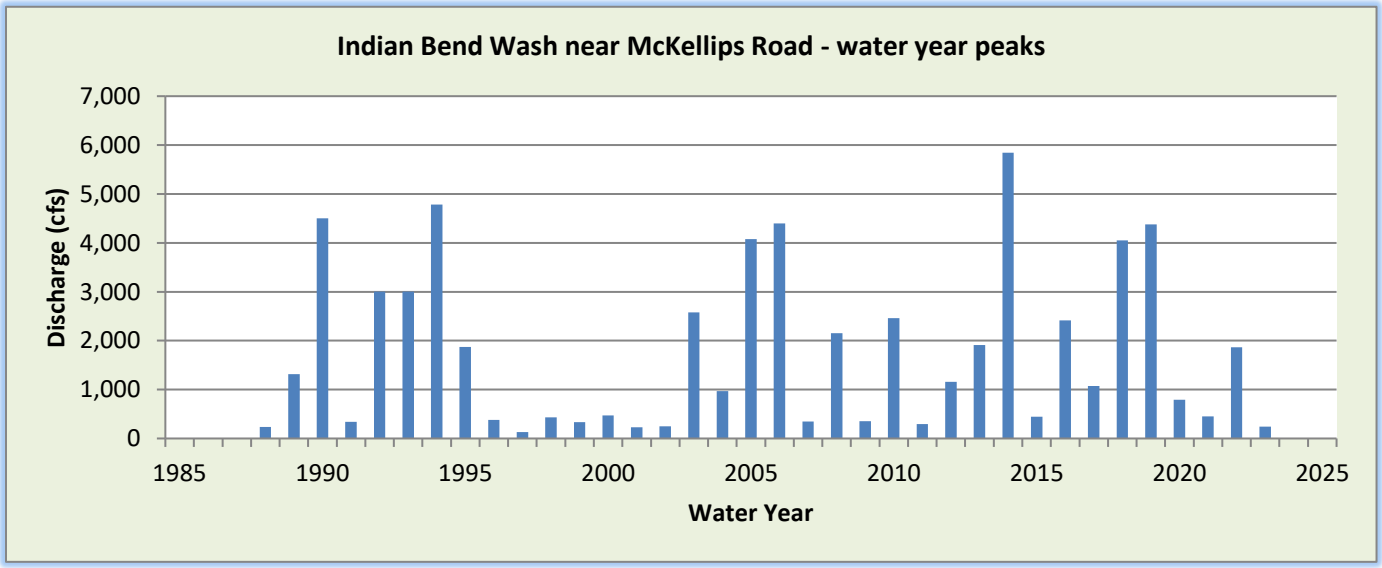


Site Data

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
ARIZONA STATE PLANE	E 700564 | N 890974
USGS QUAD SHEET	Tempe 7.5-Minute
STREAMGAGE INSTALLATION DATE	05/21/1985 – WY 1985
PERIOD OF AVAILABLE DATA RECORD	11/10/1987 – Current
LENGTH OF AVAILABLE DATA RECORD	35.89 Years | 11,109 Days
GAPS IN RECORD	12/04/2021 – 12/28/2022
STAGE GAGE TYPE	Gas Purge Bubbler
STAGE GAGE ELEVATION	0.00 feet Gage Height
STAFF GAGES	1
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	1,173.843 feet NAVD88
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

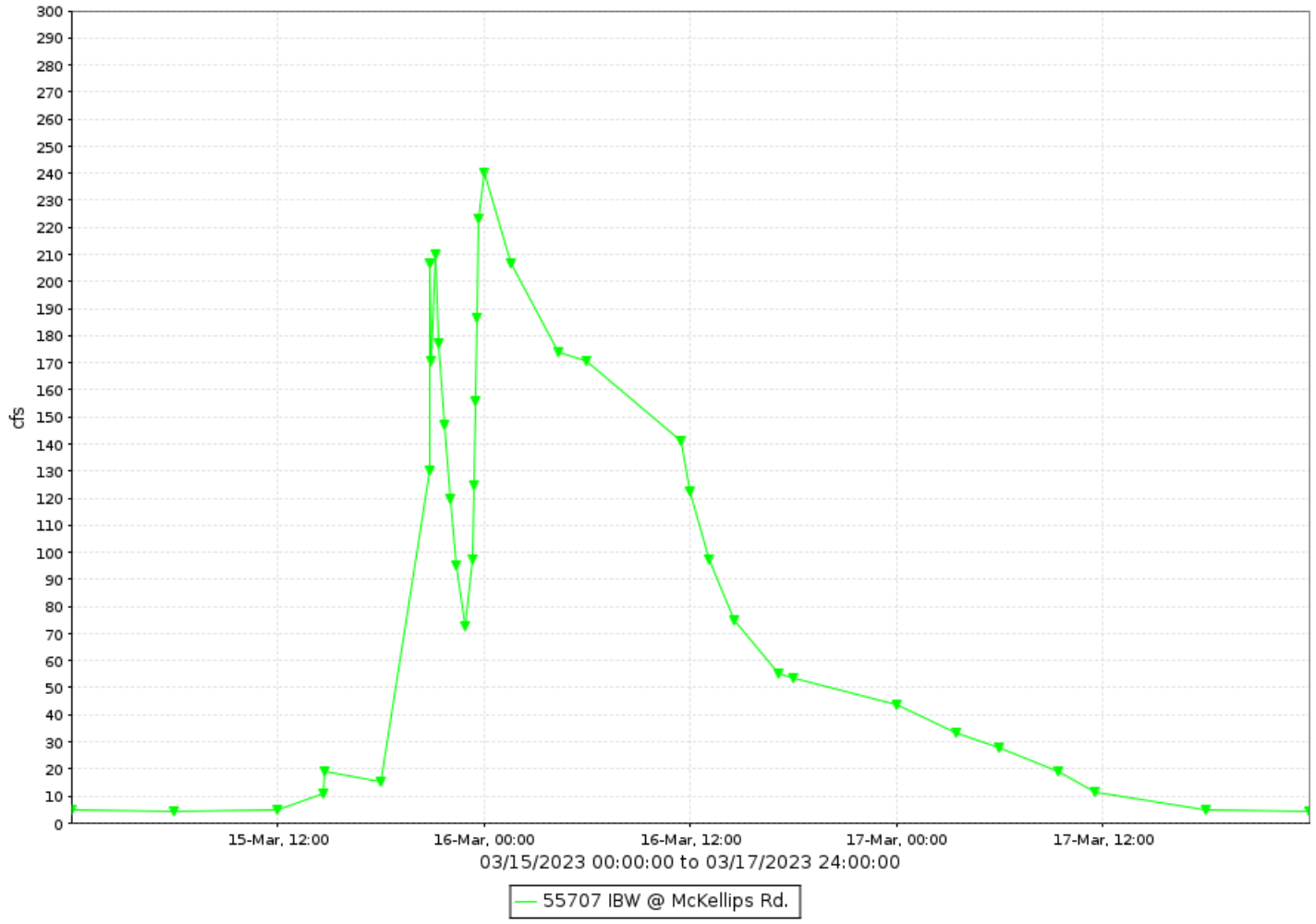




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
10/16	1.01	125
12/4	0.77	69
3/2	1.32	220
3/16	1.38	240

Hydrograph of peak WY 2023 flow event, 03/16/2023



Indian Bend Wash near McKellips Road, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1						14						
2						110						
3			1			89						
4			50			32						
5			22			8			---			
6						7						
7						7						
8						7						
9						6						
10						6						
11				---		5						
12				---		6						
13						---						
14						5						
15	17					26						
16	80			---		129						
17	69					20						
18	8					4						
19						4						
20						3						
21						3						
22						3						
23		---				3						
24						2						
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	174	0	72	4	0	502	0	0	0	0	0	0
MEAN	6	0	2	0	0	16	0	0	0	0	0	0
MAX	125	0	69	0	0	240	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	344	0	144	8	0	995	0	0	0	0	0	0

WTR YR 2023 TOTAL 751 MEAN 2 MAX 240 MIN 0 AC_FT 1490

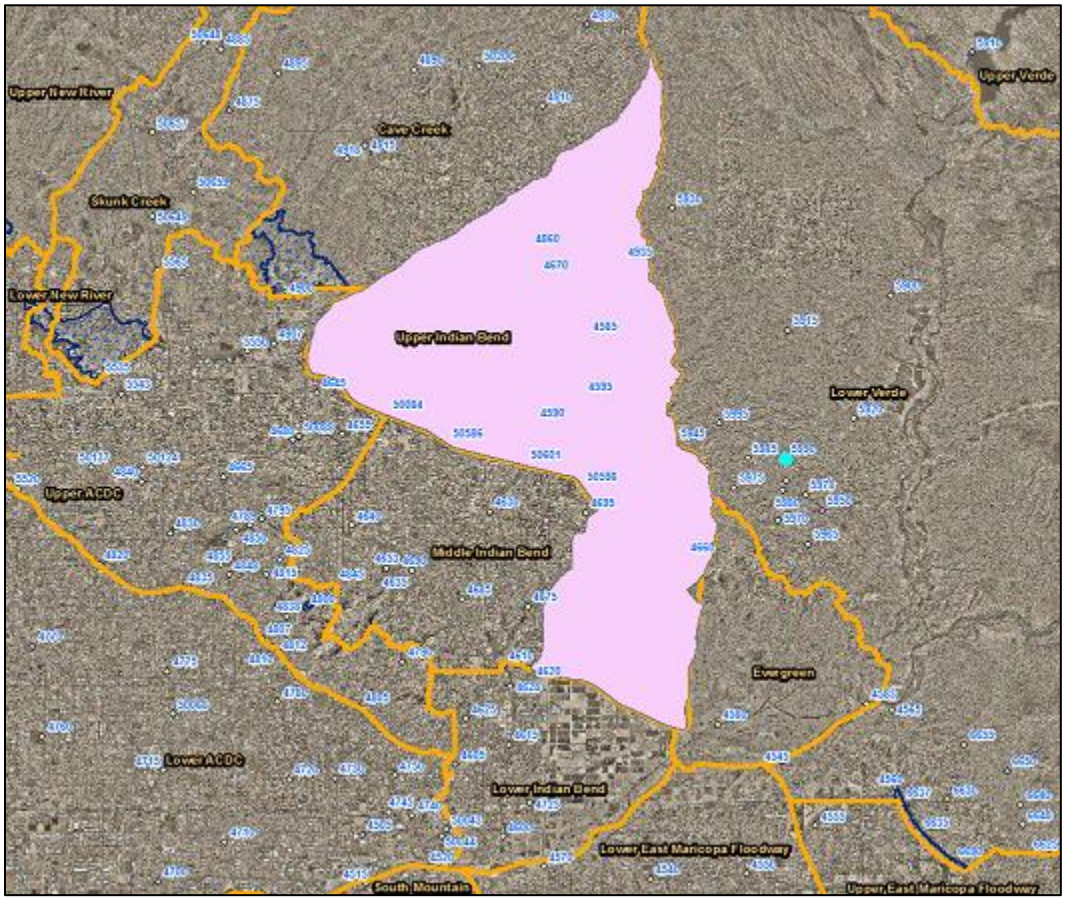
Indian Bend Wash Interceptor Channel, ID #56807

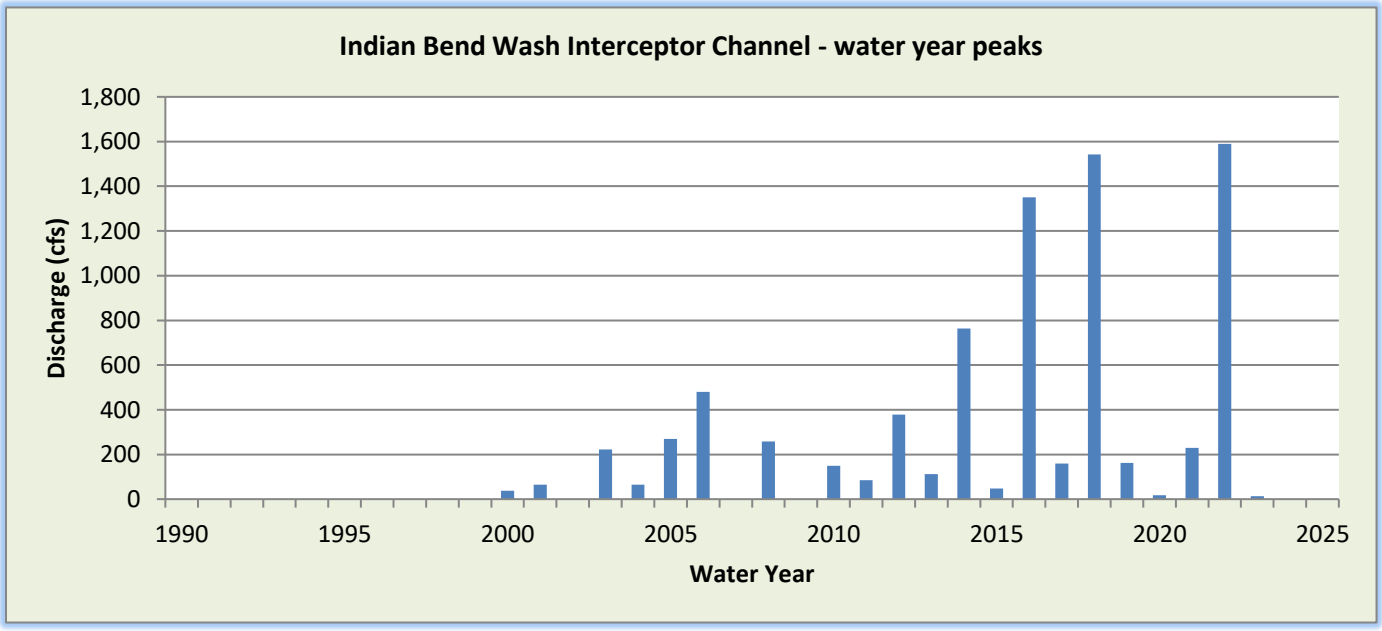


Site Data

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
ARIZONA STATE PLANE	E 705723 | N 921521
USGS QUAD SHEET	Paradise Valley 7.5-Minute
STREAMGAGE INSTALLATION DATE	04/21/1994 – WY 1994
PERIOD OF AVAILABLE DATA RECORD	04/21/1994 – Current
LENGTH OF AVAILABLE DATA RECORD	29.45 Years | 10,755 Days
GAPS IN RECORD	06/16/1999 – 01/11/2000
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.00 feet Gage Height
STAFF GAGES	1
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	1,271.457 feet NAVD88
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	1,590 cfs | 5.46 feet | 08/12/2022

Watershed Map

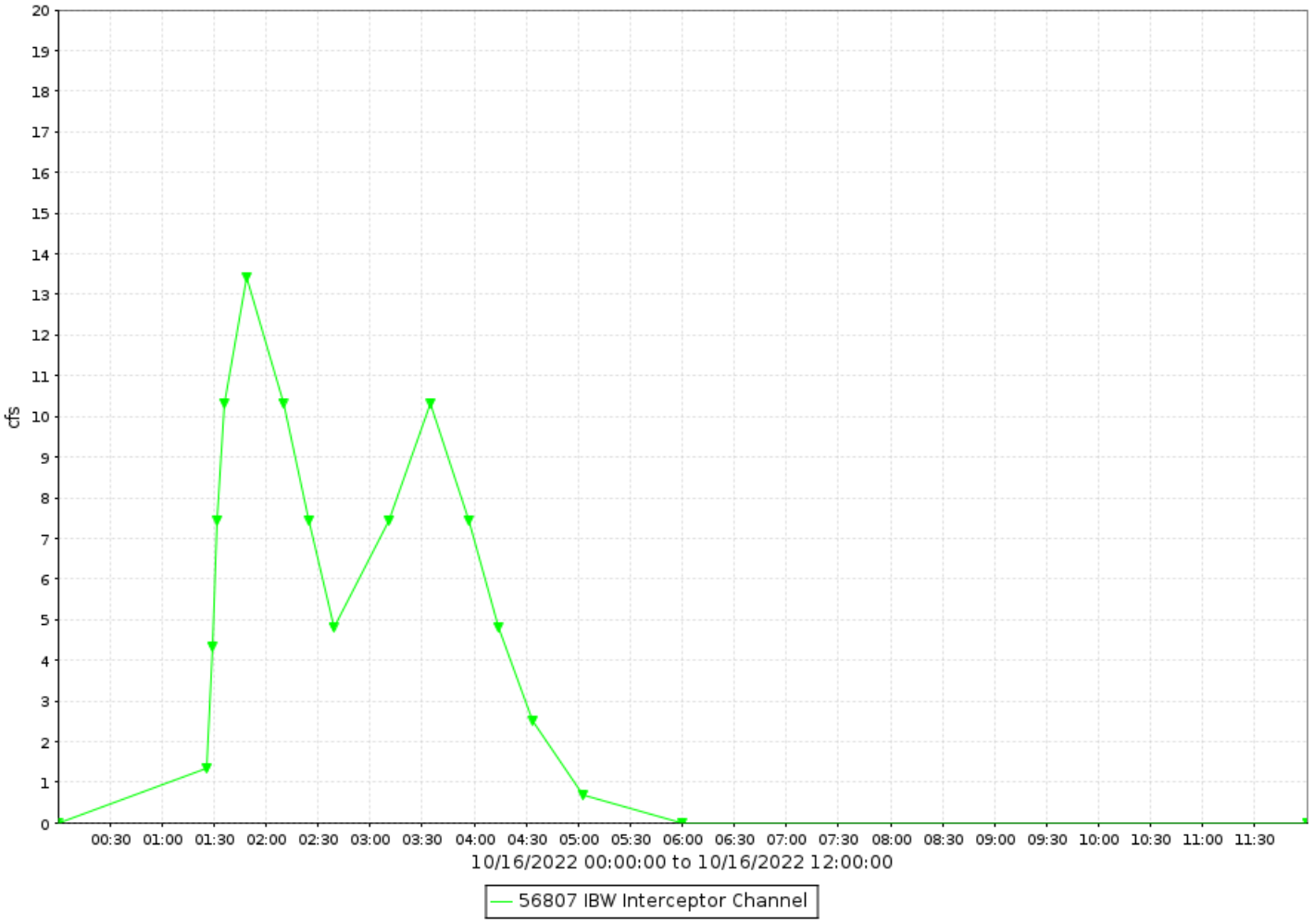




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
10/16	0.70	13

Hydrograph of peak WY 2023 flow event, 10/16/2022



Indian Bend Wash Interceptor Channel, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				1								
2				2		1						
3				1								
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	1	0	0	4	0	2	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	13	0	0	3	0	2	0	0	0	6	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	2	0	0	9	0	4	0	0	0	1	0	0

WTR YR 2023 TOTAL 8 MEAN 0 MAX 13 MIN 0 AC_FT 15

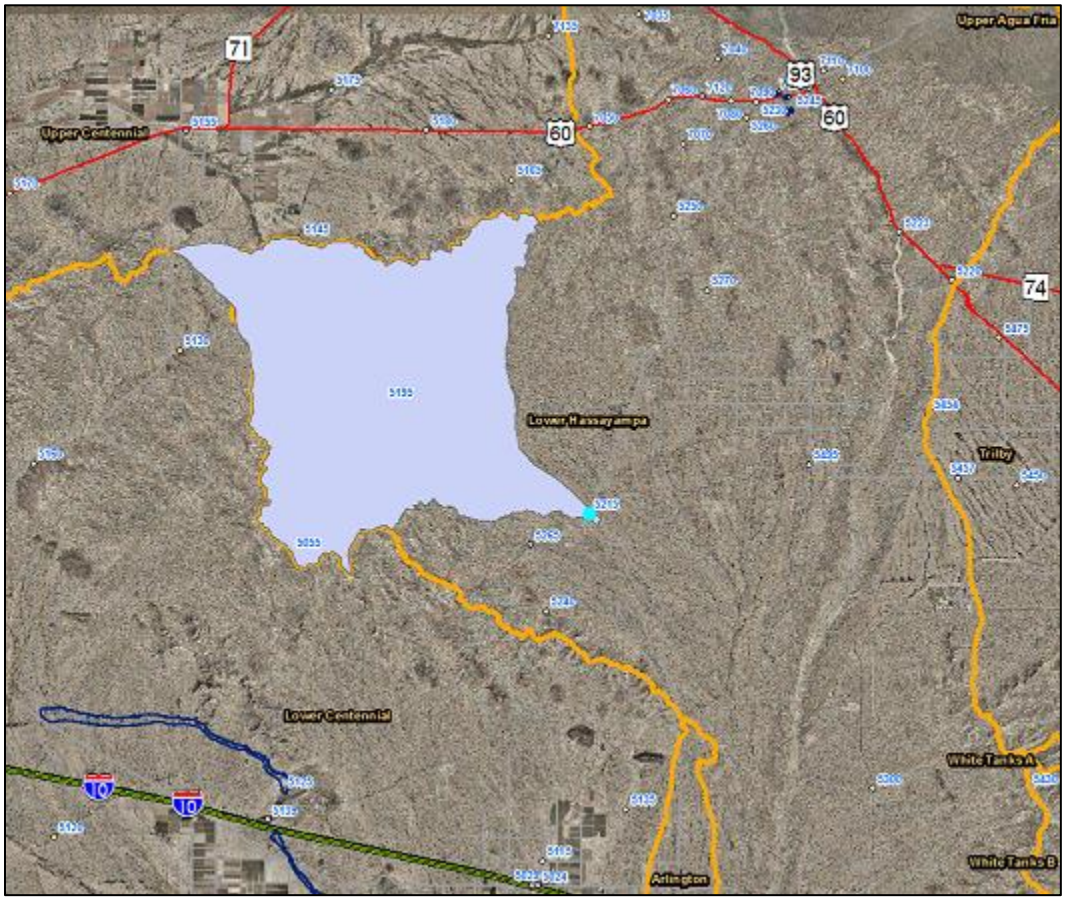
Jackrabbit Wash, ID #45007

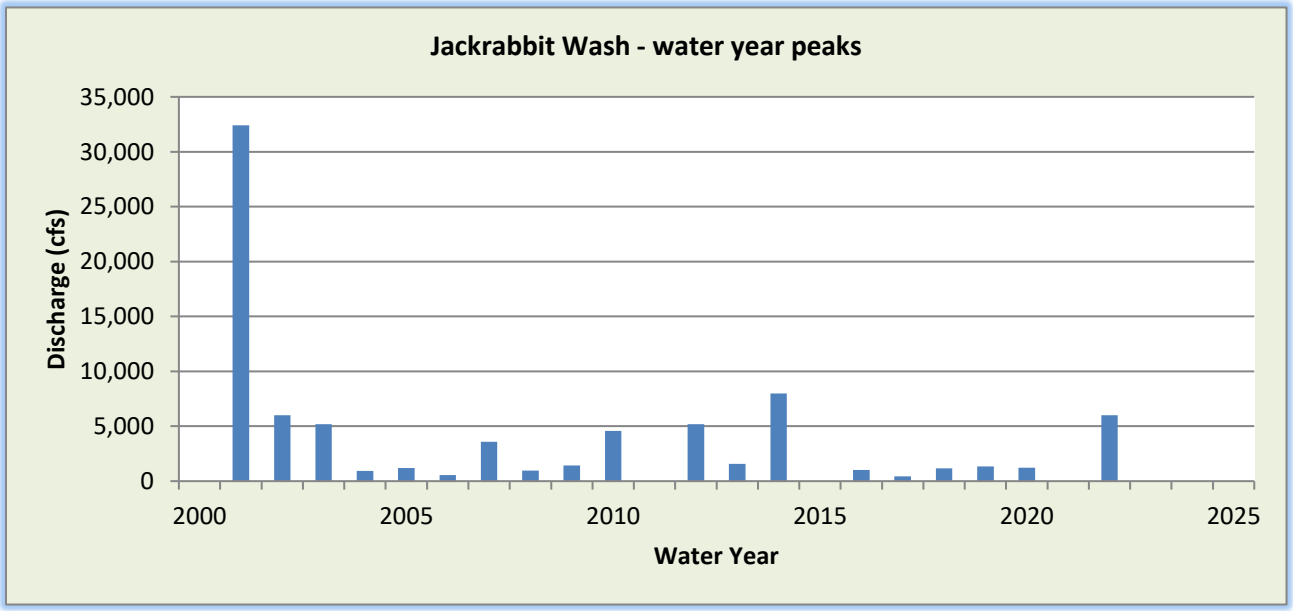


Site Data

LOCATION	Located near the intersection of Vulture Mine and Wickenburg Roads
DRAINAGE AREA	136.4 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
ARIZONA STATE PLANE	E 406523 | N 989210
USGS QUAD SHEET	Belmont Mountain 7.5-Minute
STREAMGAGE INSTALLATION DATE	10/31/2000 – WY 2001
PERIOD OF AVAILABLE DATA RECORD	10/31/2000 – Current
LENGTH OF AVAILABLE DATA RECORD	22.92 Years | 8,370 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	2.06 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	1,700.284 feet NAVD 1988
POINT OF ZERO FLOW	1.5 feet Gage Height
EXTREME FOR PERIOD OF RECORD	6,933 cfs | 5.94 feet | 09/09/2014
EXTREME OUTSIDE PERIOD OF RECORD	32,400 cfs | 9.90 feet | 10/27/2000

Watershed Map





WY2023 Events

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

Hydrograph of peak WY 2023 flow event

No runoff recorded during Water Year 2023.

Jackrabbit Wash, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

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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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 2023 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

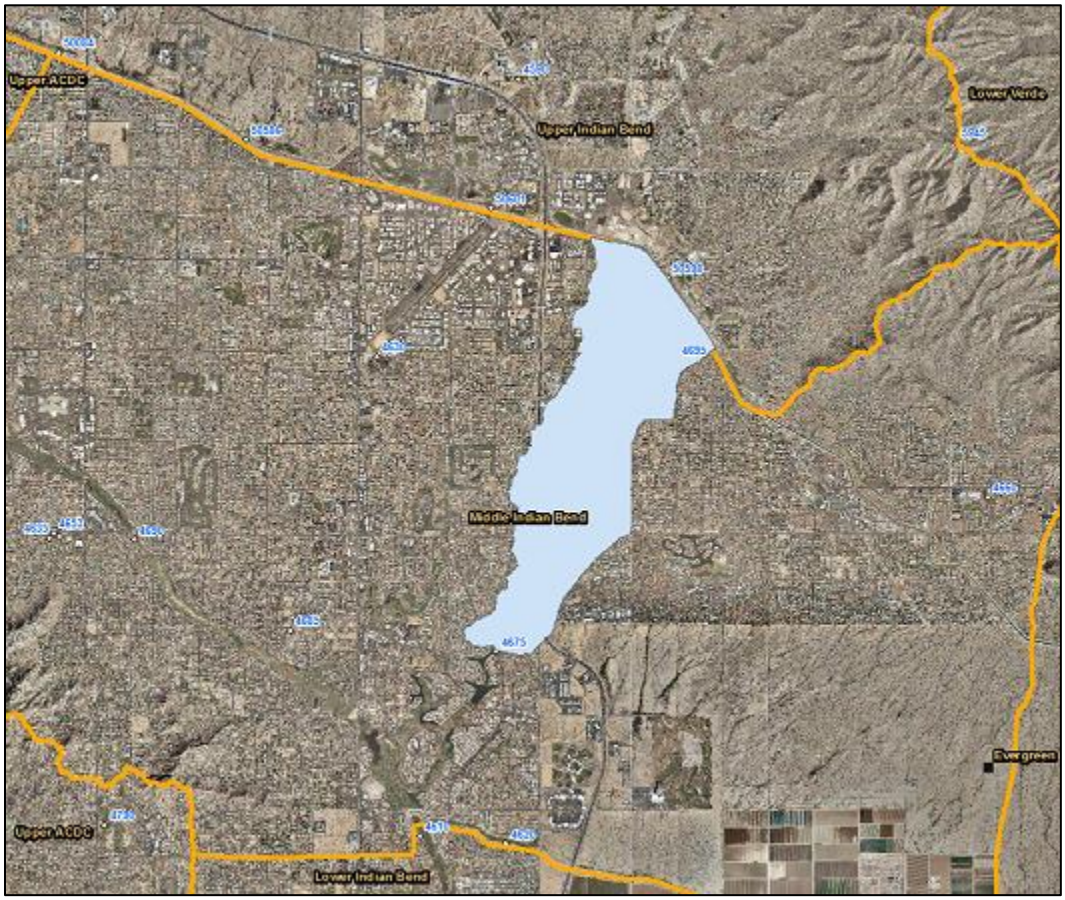
Lake Margherite, ID #59007

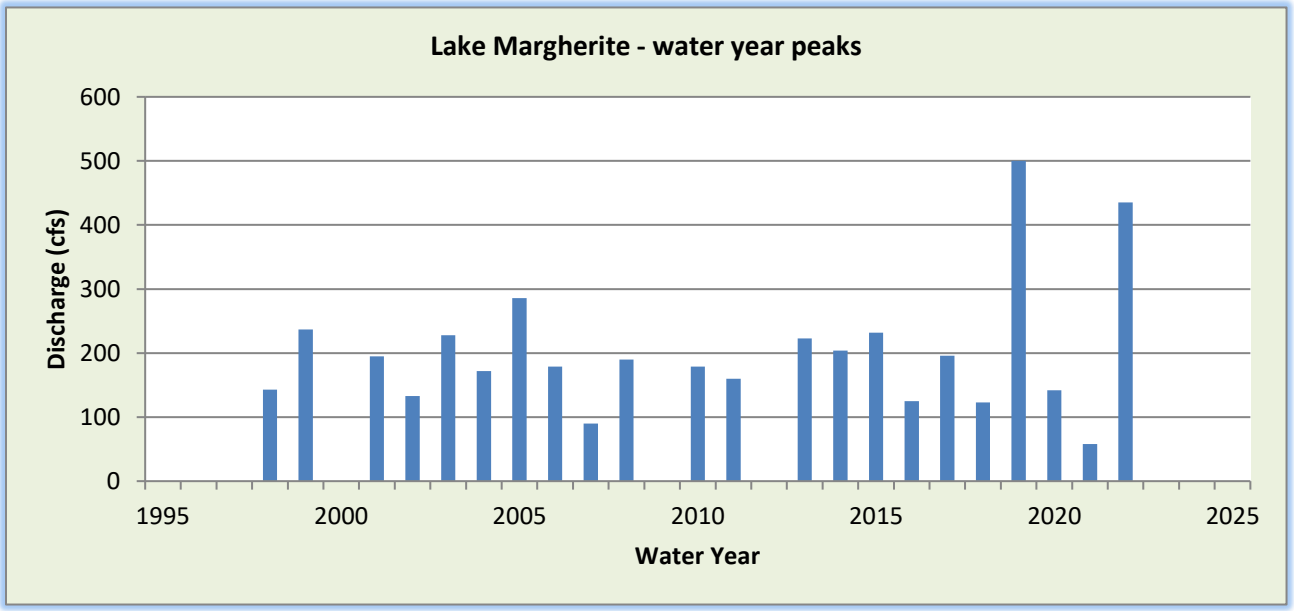


Site Data

LOCATION	On Hayden Road about ¼ mile south of Via Linda
DRAINAGE AREA	4.9 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
ARIZONA STATE PLANE	E 705158 | N 932620
USGS QUAD SHEET	Paradise Valley 7.5-Minute
STREAMGAGE INSTALLATION DATE	11/24/1997 – WY 1998
PERIOD OF AVAILABLE DATA RECORD	11/24/1997 – Current
LENGTH OF AVAILABLE DATA RECORD	25.85 Years | 9,442 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.80 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	1,320.796 feet NAVD88
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	500 cfs | 3.01 feet | 10/02/2018

Watershed Map





WY2023 Events

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

Hydrograph of peak WY 2023 flow event

No runoff recorded during Water Year 2023.

Lake Margherite, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

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 2023 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

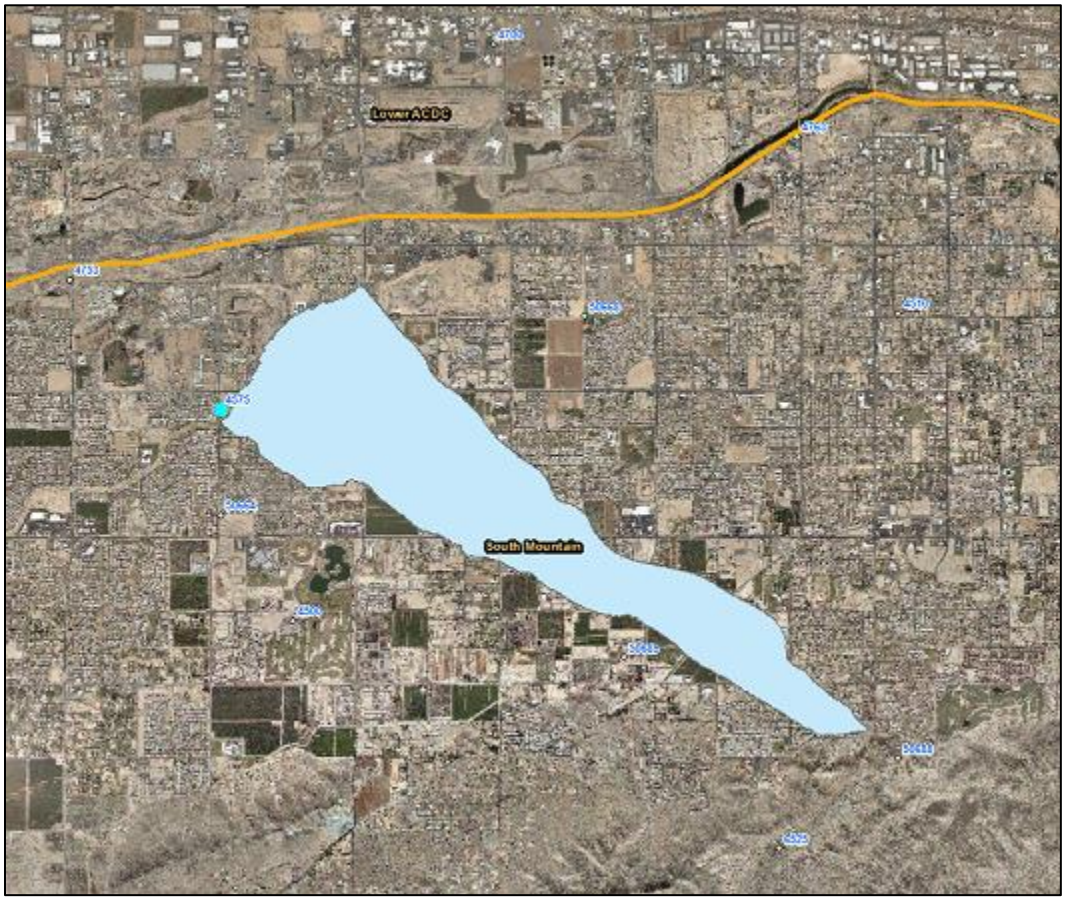
Laveen Basin, ID #67807

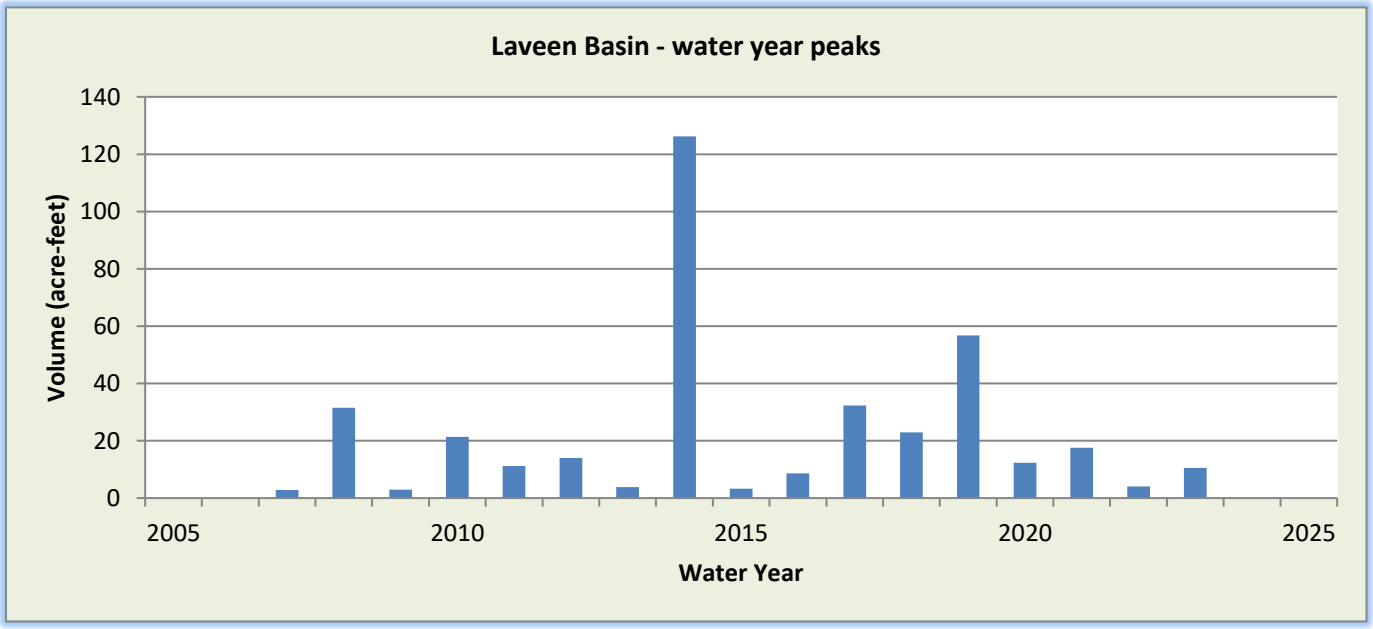


Site Data

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
ARIZONA STATE PLANE	E 628557 | N 869621
USGS QUAD SHEET	Fowler 7.5-Minute
STREAMGAGE INSTALLATION DATE	11/07/2006 – WY 2007
PERIOD OF AVAILABLE DATA RECORD	11/07/2006 – Current
LENGTH OF AVAILABLE DATA RECORD	16.90 Years | 6,172 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.20 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,003.12 feet NAVD88
POINT OF ZERO FLOW	0.00 feet Gage Height
SPILLWAY CREST ELEVATION	19.0 feet Gage Height
TOP OF BASIN ELEVATION	20.4 feet Gage Height

Watershed Map

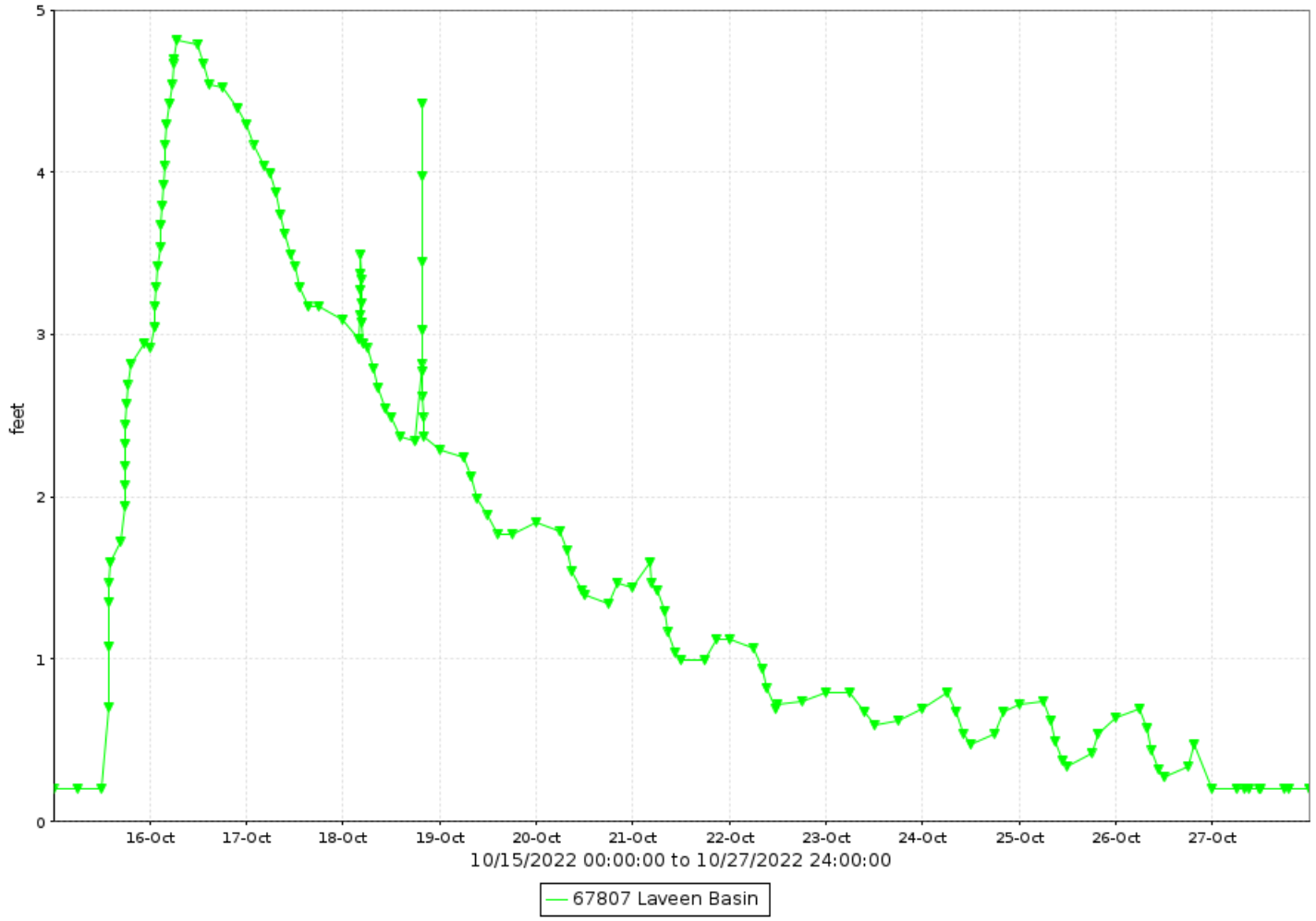




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
10/16	4.81	10.5	8.3
12/5	1.82	0.6	0.6
1/19	1.42	0.3	0.3
2/16	1.57	0.4	0.3
3/2	2.39	2.4	1.9
3/16	2.37	2.4	1.9

Hydrograph of peak 2023 impoundment event, 10/16/2022



Laveen Basin, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1						1						
2				1		7						
3						7						
4			4			5						
5			3			4						
6			1			2						
7						1						
8												
9												
10												
11												
12												
13												
14												
15	3					1						
16	12					7						
17	11					7						
18	9					7						
19	6					5						
20	2					3						
21						1						
22						1						
23						1						
24												
25												
26												
27												
28			3									
29			6		---							
30			4		---							
31		---	1		---		---		---			---
TOTAL	43	0	22	2	1	60	0	0	0	0	0	0
MEAN	1	0	1	0	0	2	0	0	0	0	0	0
MAX	12	0	7	1	1	8	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	85	0	44	3	1	118	0	0	0	0	0	0

WTR YR 2023 TOTAL 127 MEAN 0 MAX 12 MIN 0 AC_FT 252

Laveen Basin, volume data

Volume, in acre-feet, Water Year October 2022 to September 2023

Daily Mean Values

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

WTR YR 2023 MEAN 0 MAX 10 MIN 0

Laveen Basin, stage data

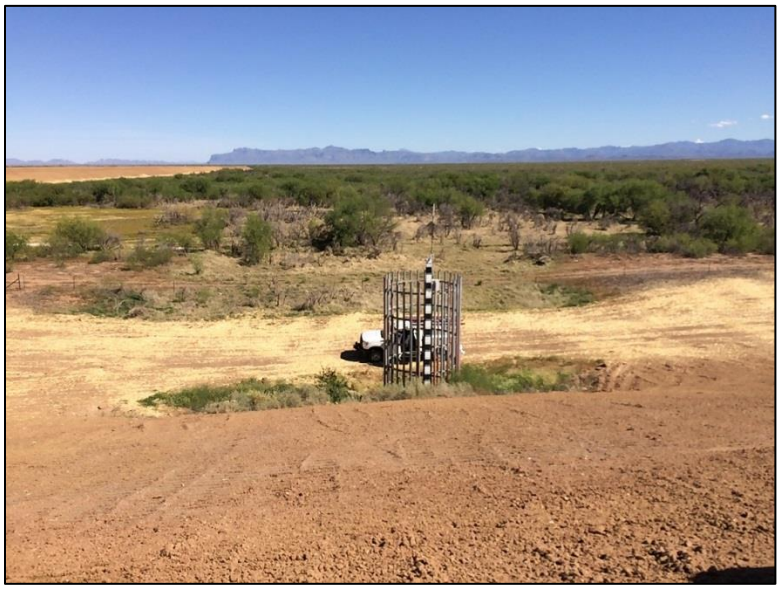
Depth, in feet, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.2	0.2	0.2	1.3	0.7	0.9	0.6	0.2	0.2	0.2	0.2	0.2
2	0.2	0.2	0.2	1.5	0.7	2.2	0.6	0.2	0.2	0.2	0.2	0.2
3	0.2	0.2	0.5	1.4	0.6	2.0	0.6	0.2	0.2	0.2	0.2	0.2
4	0.2	0.2	1.7	1.3	0.6	1.9	0.7	0.2	0.2	0.2	0.2	0.2
5	0.2	0.2	1.6	1.2	0.6	1.7	0.6	0.2	0.2	0.2	0.2	0.2
6	0.2	0.2	1.4	1.0	0.6	1.6	0.5	0.2	0.2	0.2	0.2	0.2
7	0.2	0.2	1.1	0.9	0.6	1.4	0.5	0.2	0.2	0.2	0.2	0.2
8	0.2	0.2	0.9	0.8	0.6	1.3	0.4	0.2	0.2	0.2	0.2	0.2
9	0.2	0.2	0.8	0.7	0.6	1.2	0.3	0.2	0.2	0.2	0.2	0.2
10	0.2	0.2	0.7	0.7	0.6	1.1	0.2	0.2	0.2	0.2	0.2	0.2
11	0.2	0.2	0.7	0.7	0.5	0.9	0.2	0.2	0.2	0.2	0.2	0.2
12	0.2	0.2	0.7	0.6	0.5	0.8	0.2	0.2	0.2	0.2	0.2	0.2
13	0.2	0.2	0.8	0.6	0.7	0.8	0.2	0.2	0.2	0.2	0.2	0.2
14	0.2	0.2	0.7	0.6	0.9	0.7	0.2	0.2	0.2	0.2	0.2	0.2
15	1.1	0.2	0.7	0.6	1.3	0.9	0.2	0.2	0.2	0.2	0.2	0.2
16	4.4	0.2	0.7	1.0	1.4	2.2	0.2	0.2	0.2	0.2	0.2	0.2
17	3.6	0.2	0.6	1.2	1.3	2.2	0.2	0.2	0.2	0.2	0.2	0.2
18	2.7	0.2	0.6	1.3	1.1	2.0	0.2	0.2	0.2	0.2	0.2	0.2
19	2.0	0.2	0.5	1.3	0.9	1.8	0.2	0.2	0.2	0.2	0.2	0.2
20	1.6	0.2	0.5	1.2	0.8	1.7	0.2	0.2	0.2	0.2	0.2	0.2
21	1.2	0.2	0.5	1.2	0.7	1.6	0.2	0.2	0.2	0.2	0.2	0.2
22	0.9	0.2	0.4	1.1	0.8	1.5	0.2	0.2	0.2	0.2	0.2	0.2
23	0.7	0.2	0.3	1.0	0.8	1.4	0.2	0.2	0.2	0.2	0.2	0.2
24	0.6	0.2	0.2	1.0	0.7	1.3	0.2	0.2	0.2	0.2	0.2	0.2
25	0.5	0.2	0.2	1.0	0.7	1.2	0.2	0.2	0.2	0.2	0.2	0.2
26	0.5	0.2	0.2	0.9	0.7	1.0	0.2	0.2	0.2	0.2	0.2	0.2
27	0.2	0.2	0.2	0.8	0.7	1.0	0.2	0.2	0.2	0.2	0.2	0.2
28	0.2	0.2	1.3	0.8	0.7	0.8	0.2	0.2	0.2	0.2	0.2	0.2
29	0.2	0.2	1.9	0.8	---	0.7	0.2	0.2	0.2	0.2	0.2	0.2
30	0.2	0.2	1.7	0.7	---	0.7	0.2	0.2	0.2	0.2	0.2	0.2
31	0.2	---	1.5	0.7	---	0.7	---	0.2	---	0.2	0.2	---
MEAN	0.8	0.2	0.8	1.0	0.8	1.3	0.3	0.2	0.2	0.2	0.2	0.2
MAX	4.8	0.2	2.1	1.6	1.6	2.4	0.9	0.2	0.5	0.2	0.2	0.2
MIN	0.2	0.2	0.2	0.4	0.3	0.5	0.2	0.2	0.2	0.2	0.2	0.2

WTR YR 2023 MEAN 0.51 MAX 4.81 MIN 0.20

Magma FRS, ID #42307

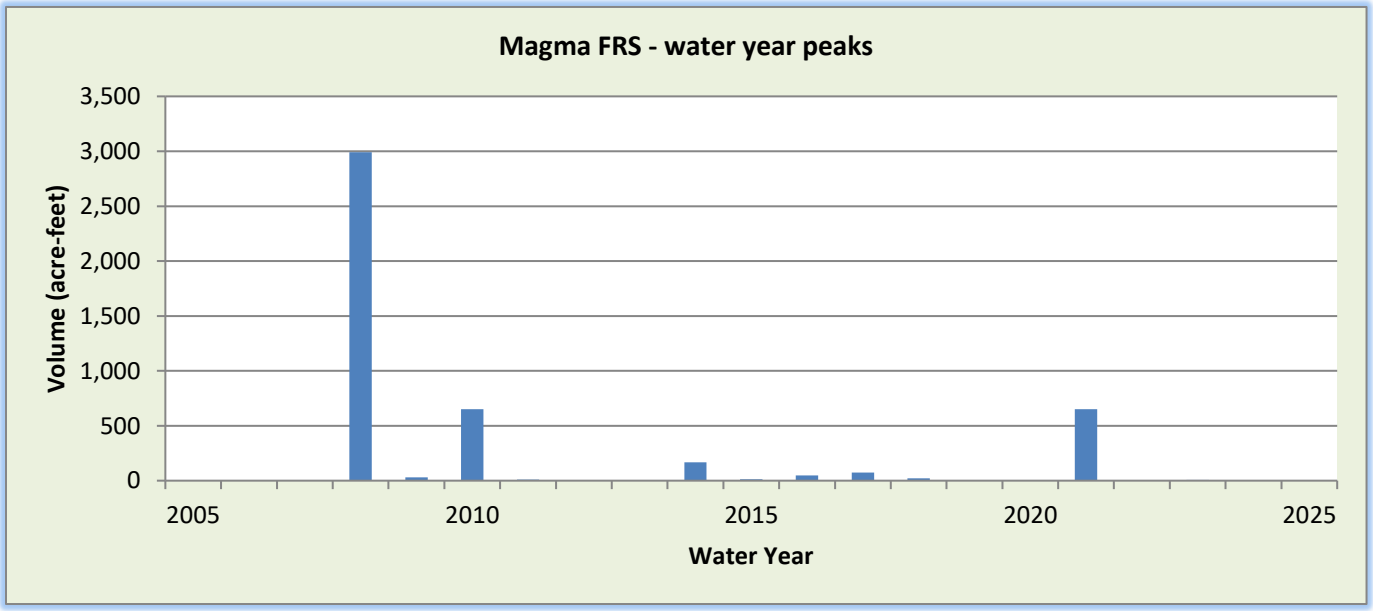


Site Data

LOCATION	Located east of Hunt Highway along Arizona Farms Road
DRAINAGE AREA	74.3 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
ARIZONA STATE PLANE	E 857422 | N 771497
USGS QUAD SHEET	Florence 7.5-Minute
STREAMGAGE INSTALLATION DATE	11/15/2007 – WY 2008
PERIOD OF AVAILABLE DATA RECORD	11/15/2007 – Current Day
LENGTH OF AVAILABLE DATA RECORD	15.88 Years | 5,799 Days
GAPS IN RECORD	04/12/2012 – 11/03/2013
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.80 feet Gage Height
STAFF GAGES	1
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,601.40 feet NAVD88
POINT OF ZERO FLOW	1,601.40 feet NAVD88
SPILLWAY ELEVATION	1,624.60 feet NAVD88
TOP OF DAM ELEVATION	1,633.00 feet NAVD88
NORMAL DRAWDOWN RATE	-0.25 feet per hour

Watershed Map

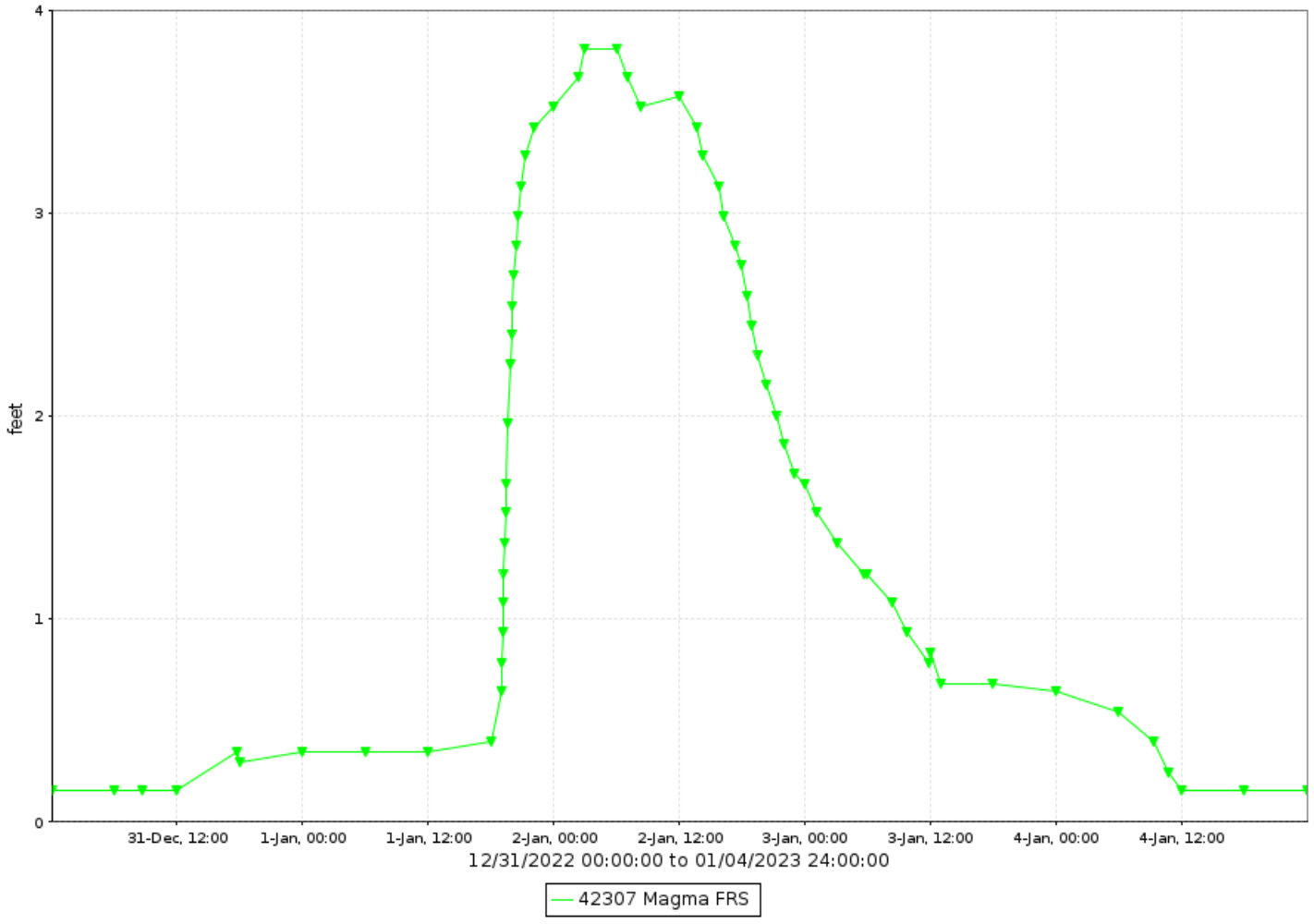




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
10/16	2.20	0.0	0.0
12/4	3.52	1.5	0.2
1/2	3.81	5.8	0.2
1/16	3.03	0.1	0.1
3/2	2.49	0.1	0.0
3/16	2.44	0.1	0.0

Hydrograph of peak 2023 impoundment event, 01/02/2023



Magma FRS, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

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

WTR YR 2023 TOTAL 50 MEAN 0 MAX 28 MIN 0 AC_FT 99

Magma FRS, volume data

Volume, in acre-feet, Water Year October 2022 to September 2023

Daily Mean Values

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

WTR YR 2023 MEAN 0 MAX 19 MIN 0

Magma FRS, stage data

Depth, in feet, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.1	0.1	0.1	0.9	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1
2	0.1	0.1	0.2	3.2	0.1	1.2	0.1	0.1	0.1	0.1	0.1	0.1
3	0.1	0.1	0.4	1.0	0.1	0.4	0.1	0.1	0.1	0.1	0.1	0.1
4	0.1	0.1	2.5	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
5	0.1	0.1	0.8	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
6	0.1	0.1	0.3	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	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
15	0.2	0.1	0.1	0.8	0.1	0.3	0.1	0.1	0.1	0.1	0.1	0.1
16	1.2	0.1	0.1	1.9	0.1	1.2	0.1	0.1	0.1	0.1	0.1	0.1
17	0.8	0.1	0.1	0.7	0.1	0.3	0.1	0.1	0.1	0.1	0.1	0.1
18	0.3	0.1	0.1	0.3	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	---	0.2	0.1	---	0.1	---	0.1	---	0.1	0.1	---
MEAN	0.2	0.1	0.3	0.4	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1
MAX	2.2	0.1	3.5	3.8	0.1	2.5	0.1	0.1	0.1	0.1	0.1	0.1
MIN	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

WTR YR 2023 MEAN 0.19 MAX 3.81 MIN 0.15

Martinez Wash, ID #49507

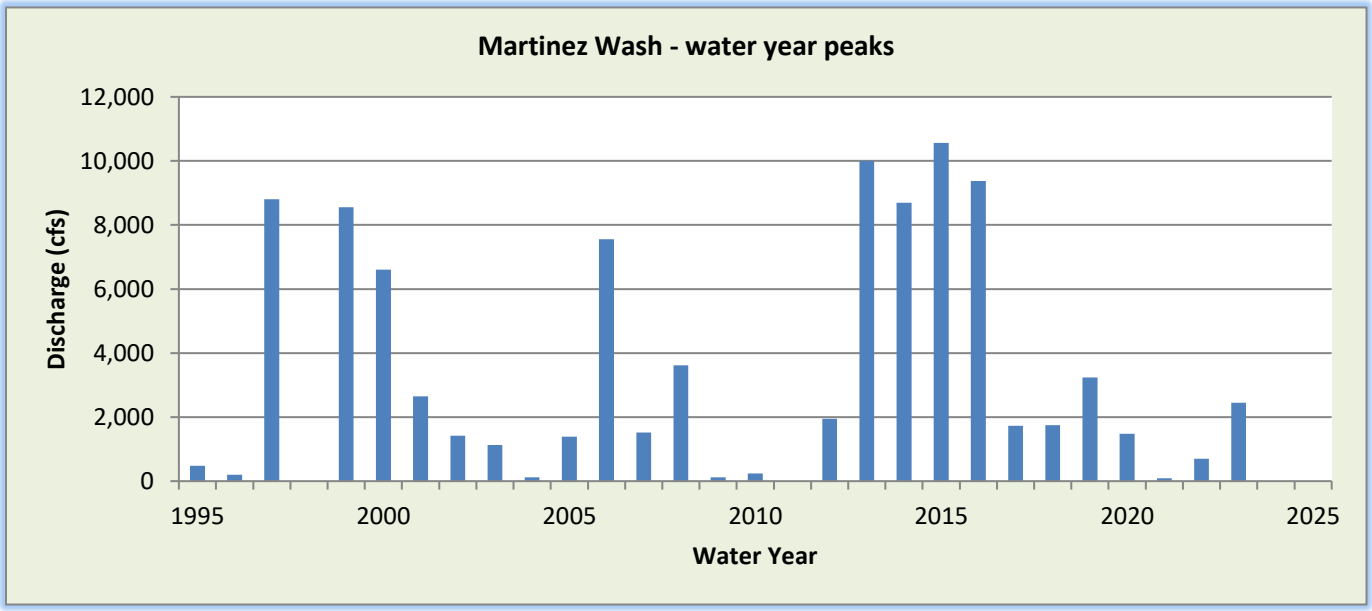


Site Data

LOCATION	About a mile northwest of the Scenic Loop Road and US 93 intersection
DRAINAGE AREA	109 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
ARIZONA STATE PLANE	E 435098 | N 1103100
USGS QUAD SHEET	Flores 7.5-Minute
STREAMGAGE INSTALLATION DATE	11/23/1994 – WY 1995
PERIOD OF AVAILABLE DATA RECORD	11/23/1994 – Current
LENGTH OF AVAILABLE DATA RECORD	28.86 Years | 10,539 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	2.80 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	2,305.963 feet NAVD88
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

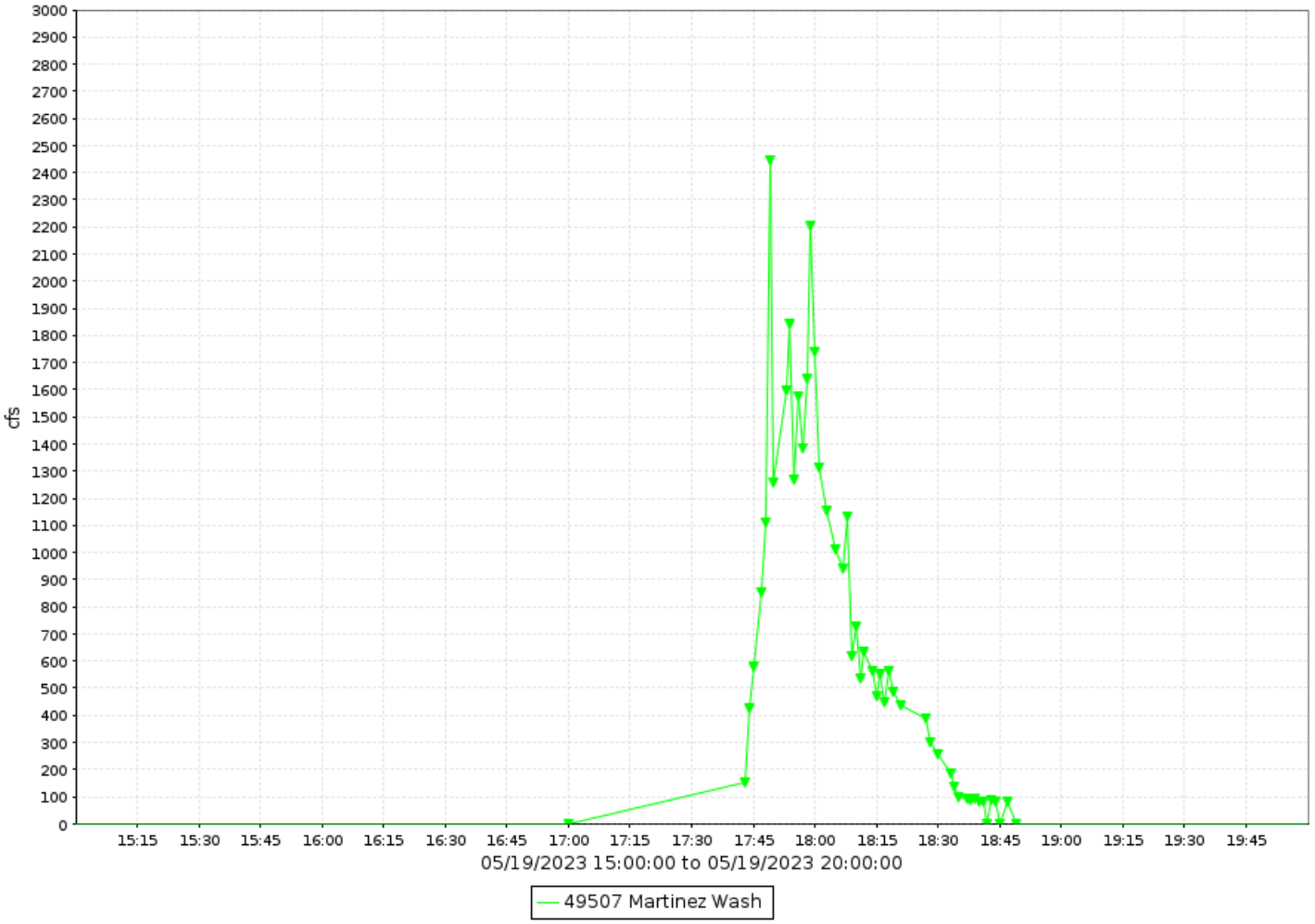




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
1/1	3.23	93
1/17	3.41	99
5/19	6.61	2447

Hydrograph of peak WY 2023 flow event, 05/19/2023



Martinez Wash, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				3								
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17				8								
18												
19								31				
20												
21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	11	0	0	0	31	0	0	0	0
MEAN	0	0	0	0	0	0	0	1	0	0	0	0
MAX	0	0	0	99	0	0	0	2447	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	23	0	0	0	61	0	0	0	0

WTR YR 2023 TOTAL 42 MEAN 0 MAX 2447 MIN 0 AC_FT 84

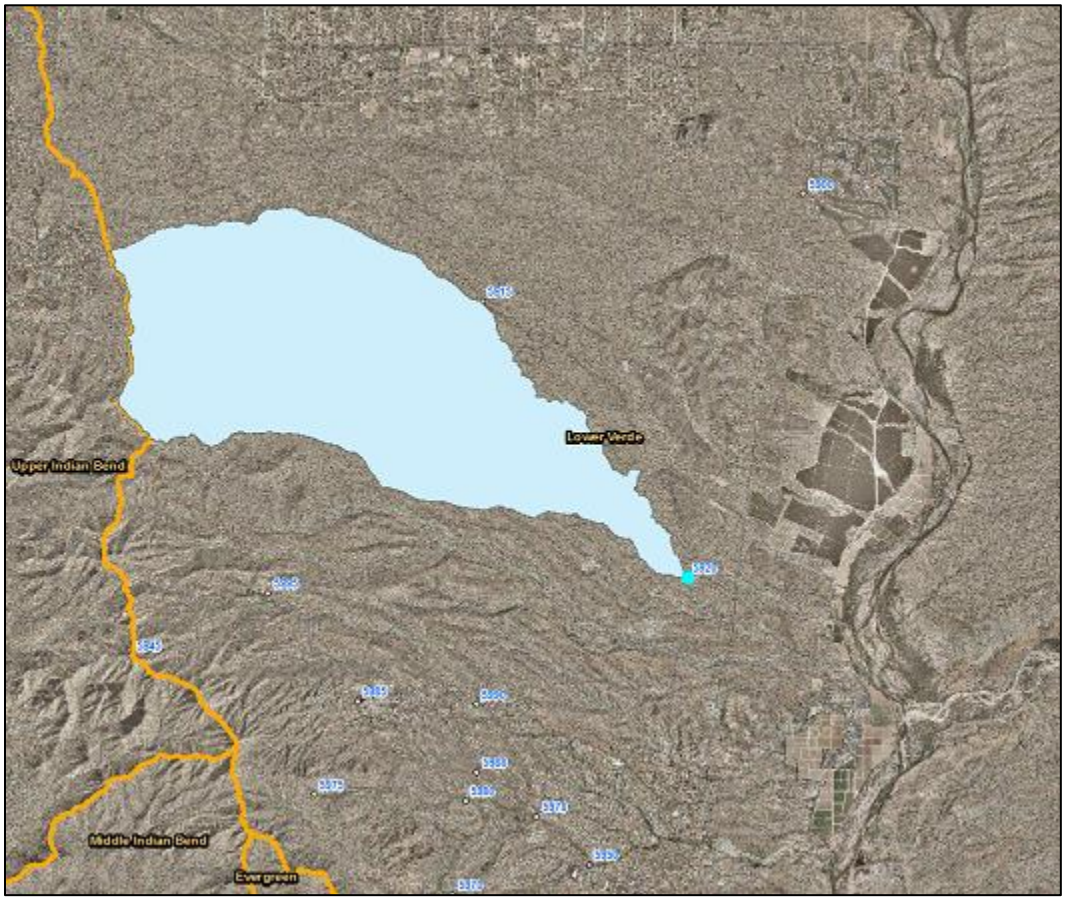
McDowell Mountain Road, ID #76007

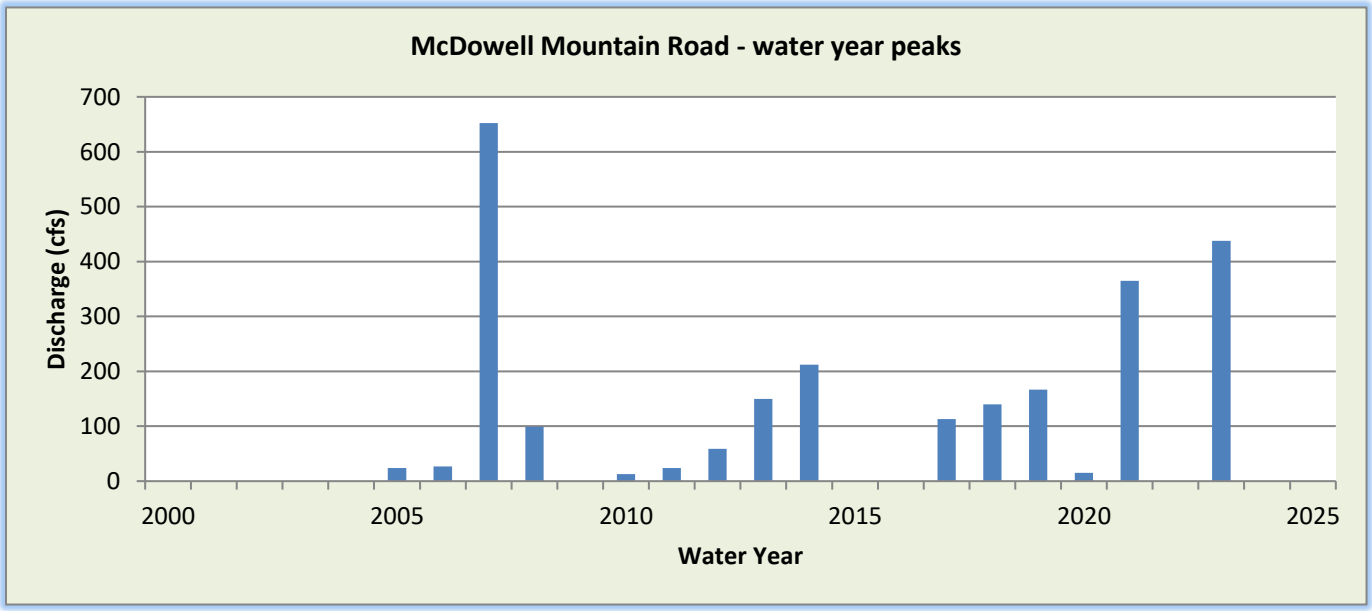


Site Data

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
ARIZONA STATE PLANE	E 763993 | N 966522
USGS QUAD SHEET	McDowell Mountain 7.5-Minute
STREAMGAGE INSTALLATION DATE	05/18/2004 – WY 2004
PERIOD OF AVAILABLE DATA RECORD	05/18/2004 – Current
LENGTH OF AVAILABLE DATA RECORD	19.37 Years | 7,075 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.00 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	1,630.120 feet NAVD88
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	652 cfs | 1.77 feet | 07/23/2007

Watershed Map

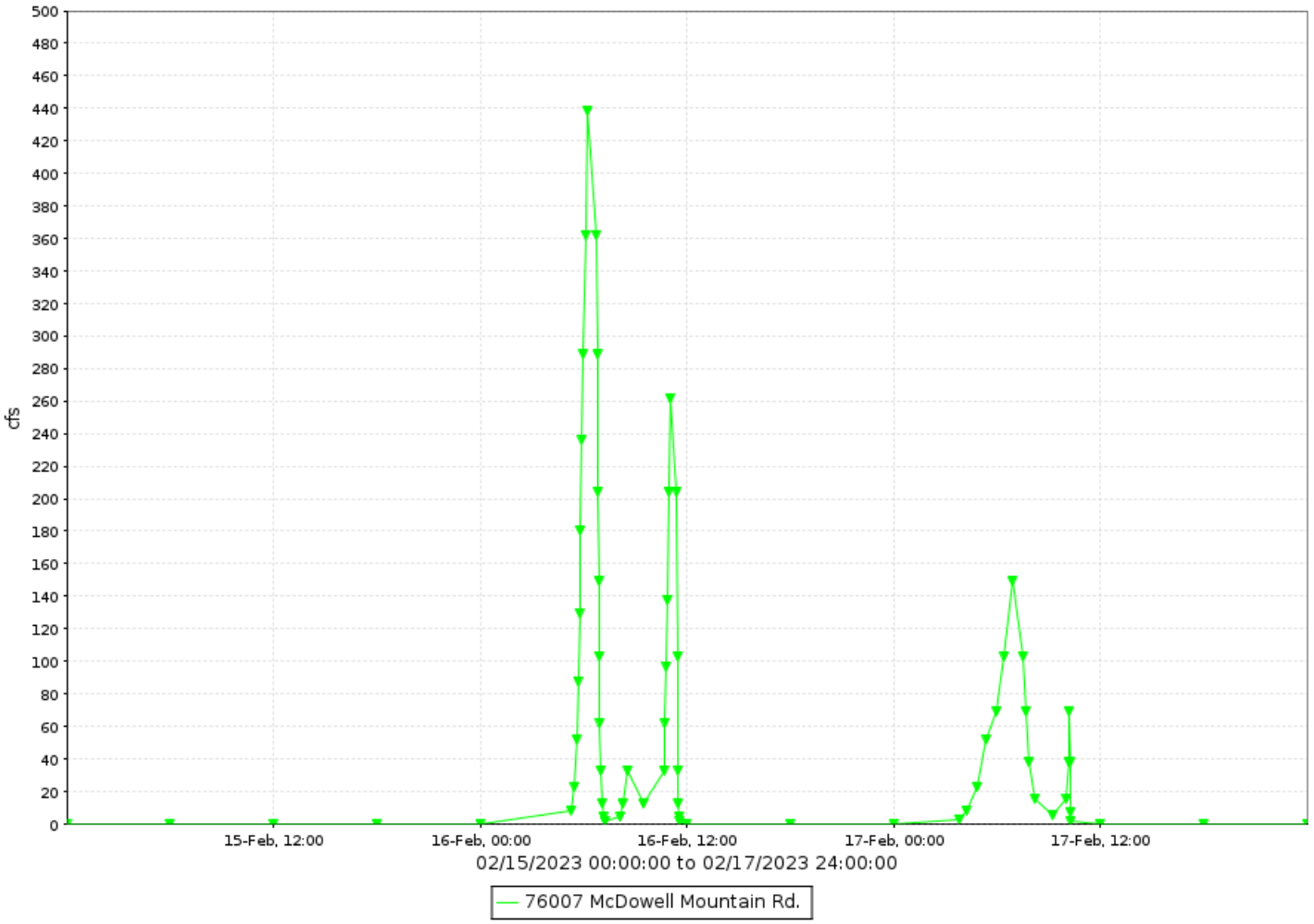




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
2/15	1.36	438
2/17	0.82	149

Hydrograph of peak WY 2023 flow event, 02/15/2023, 02/17/2023



McDowell Mountain Road, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2			1									
3												
4												
5												
6												
7												
8												
9												
10												
11					2							
12					4							
13												
14												
15												
16					26							
17					12							
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30				1	---							
31		---			---		---		---			---
TOTAL	0	0	2	1	44	0	0	0	0	0	0	0
MEAN	0	0	0	0	2	0	0	0	0	0	0	0
MAX	12	0	12	8	438	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	1	0	4	3	86	0	0	0	0	0	0	0

WTR YR 2023 TOTAL 47 MEAN 0 MAX 438 MIN 0 AC_FT 94

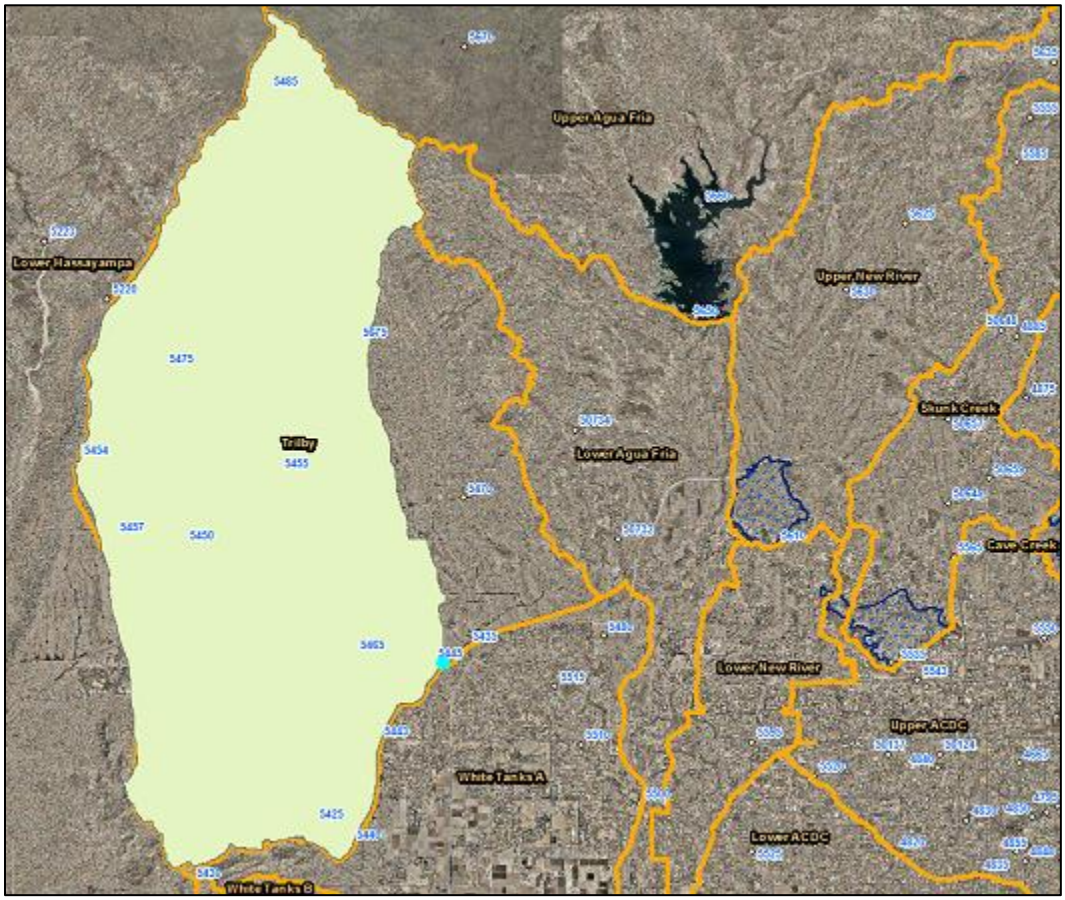
McMicken Dam at Bell Road, ID #71507

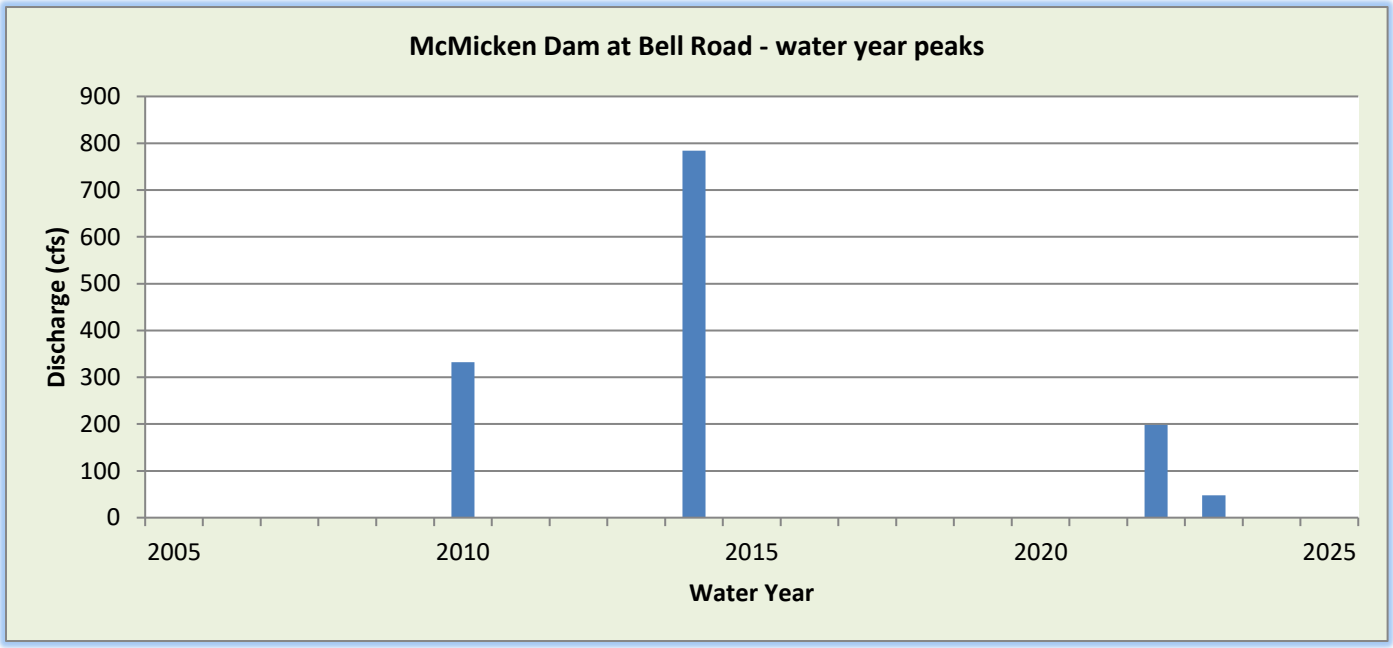


Site Data

LOCATION	Located on the south side of McMicken Dam at Bell Road
DRAINAGE AREA	242.2 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
ARIZONA STATE PLANE	E 534216 | N 960172
USGS QUAD SHEET	McMicken Dam 7.5-Minute
STREAMGAGE INSTALLATION DATE	03/04/2009 – WY 2009
PERIOD OF AVAILABLE DATA RECORD	03/04/2009 – Current
LENGTH OF AVAILABLE DATA RECORD	14.58 Years | 5,324 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.35 feet Gage Height
STAFF GAGES	None
CREST STAGE GAGES	None
ZERO GAGE HEIGHT ELEVATION	1,335.681 feet NAVD88
POINT OF ZERO FLOW	0.00 feet Gage Height

Watershed Map

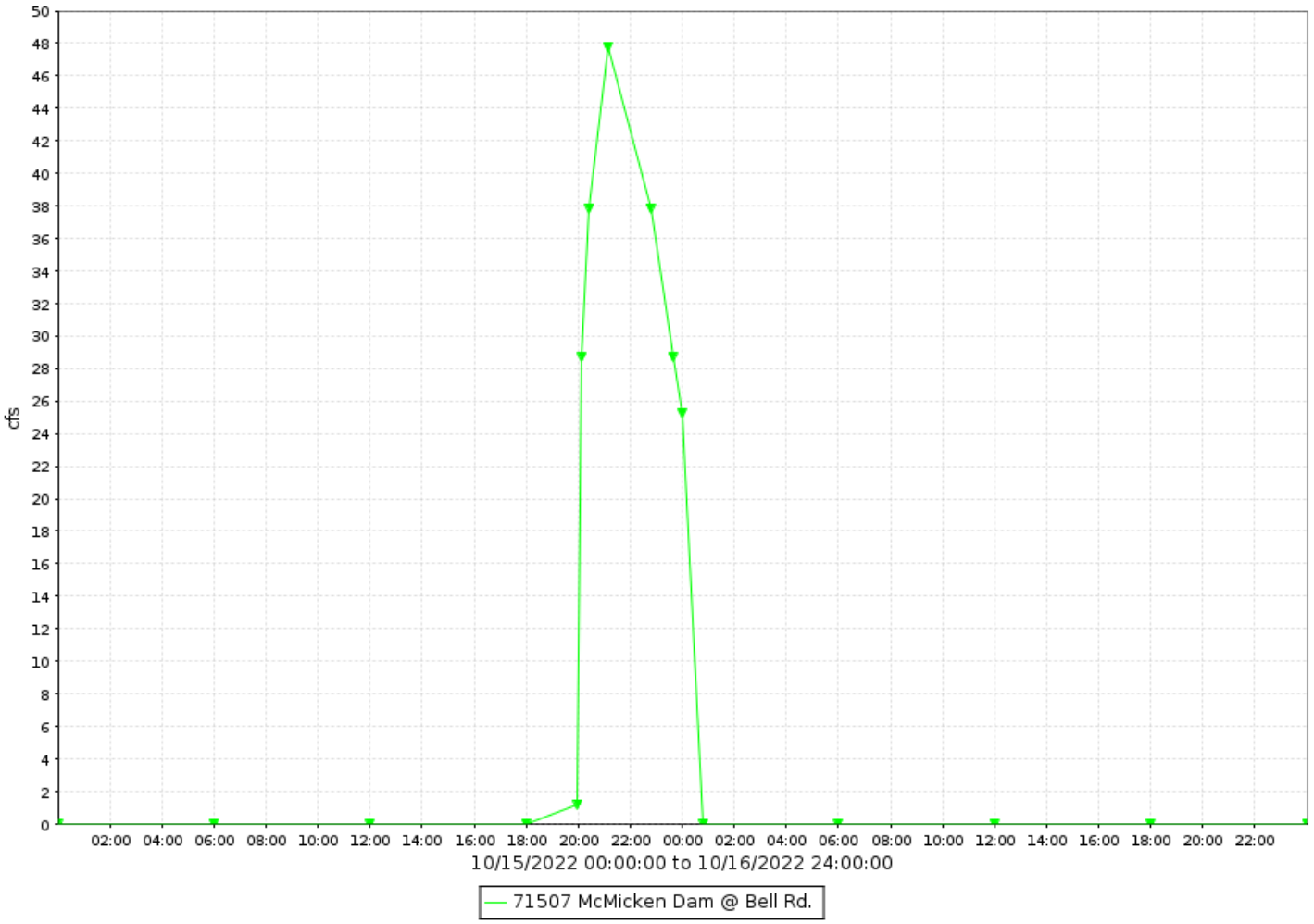




WY2023 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
10/15	0.83	48

Hydrograph of peak WY 2023 flow event, 10/15/2022



McMicken Dam at Bell Road, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

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	7											
16	1											
17					---							
18					---							
19					---							
20					---							
21					---							
22												
23												
24					---							
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	7	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	48	0	0	0	1	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	15	0	0	0	0	0	0	0	0	0	0	0

WTR YR 2023 TOTAL 7 MEAN 0 MAX 48 MIN 0 AC_FT 15

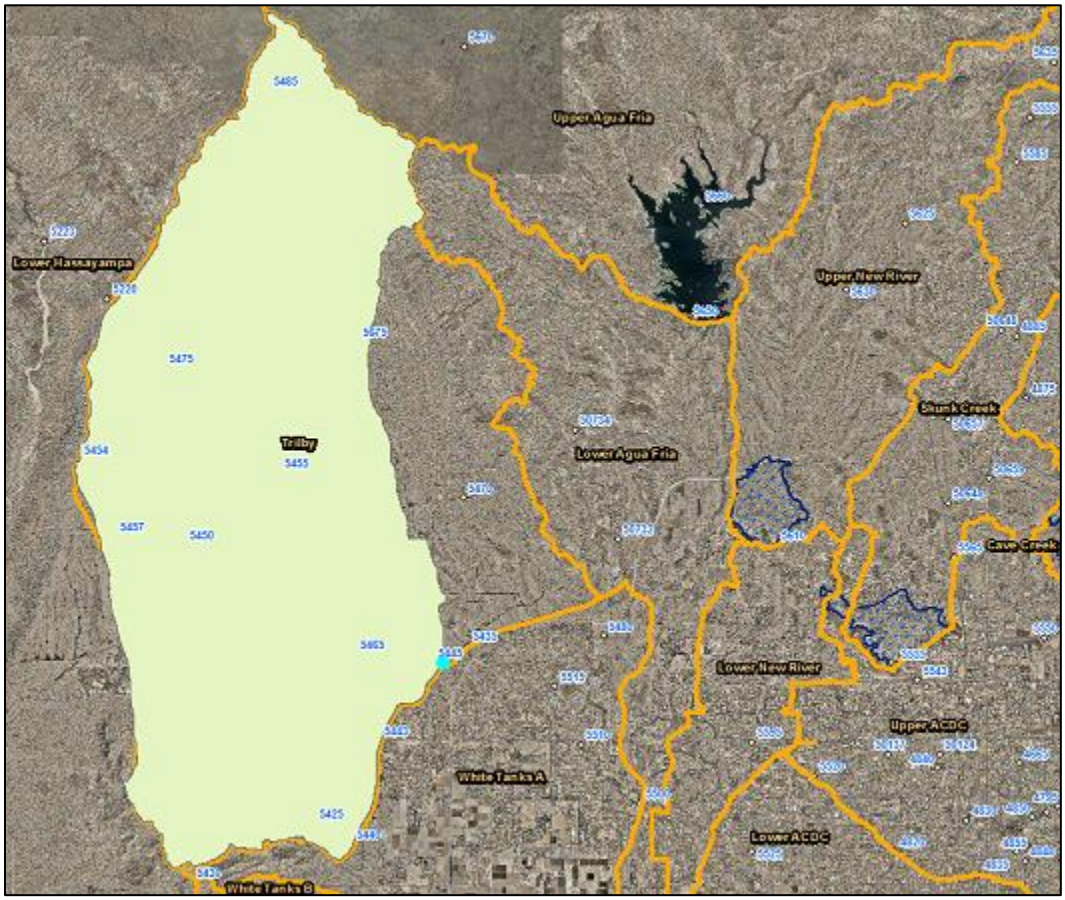
McMicken Dam, ID #71707

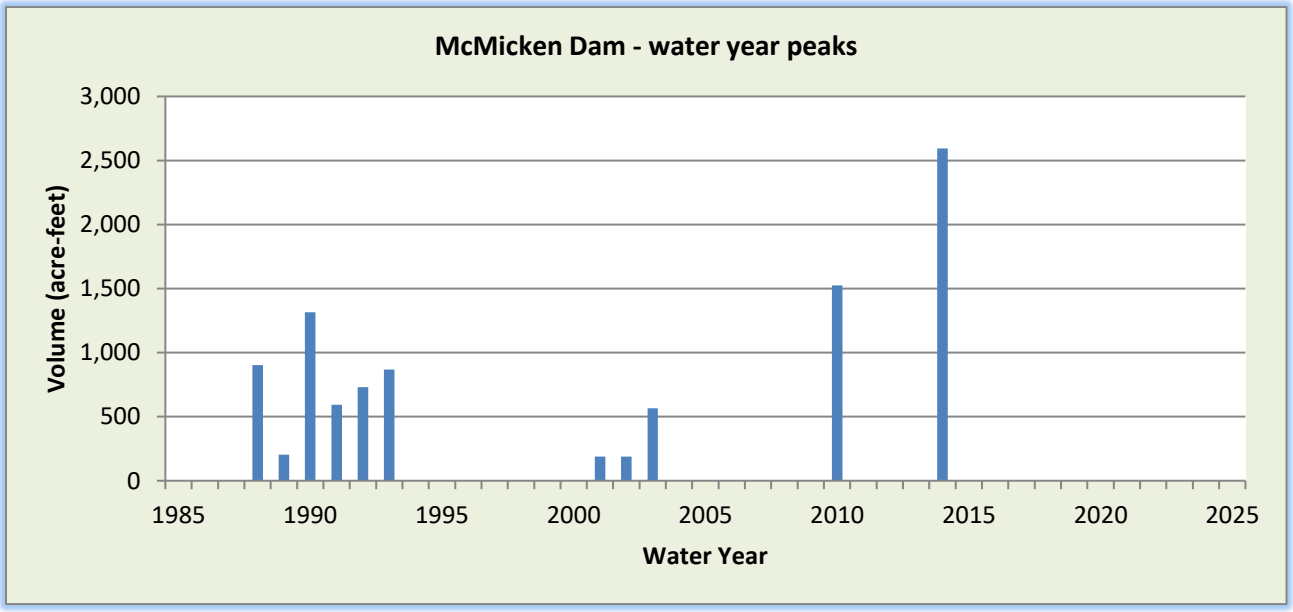


Site Data

LOCATION	Gage is located about 3 miles north of Bell Road
DRAINAGE AREA	242.2 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
ARIZONA STATE PLANE	E 545820 | N 974232
USGS QUAD SHEET	McMicken Dam 7.5-Minute
STREAMGAGE INSTALLATION DATE	03/20/1983 – WY 1983
PERIOD OF AVAILABLE DATA RECORD	02/18/1988 – Current
LENGTH OF AVAILABLE DATA RECORD	35.62 Years | 13,009 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	1.60 feet Gage Height
STAFF GAGES	5
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,336.00 feet NAVD88
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





WY2023 Events

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

Hydrograph of peak 2023 impoundment event

There were no impoundments recorded in Water Year 2023.

McMicken Dam, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

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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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 2023 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

McMicken Dam, volume data

Volume, in acre-feet, Water Year October 2022 to September 2023

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	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 2023 MEAN 0 MAX 0 MIN 0

McMicken Dam, stage data

Depth, in feet, Water Year October 2022 to September 2023

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 2023 MEAN 1.60 MAX 1.60 MIN 1.60

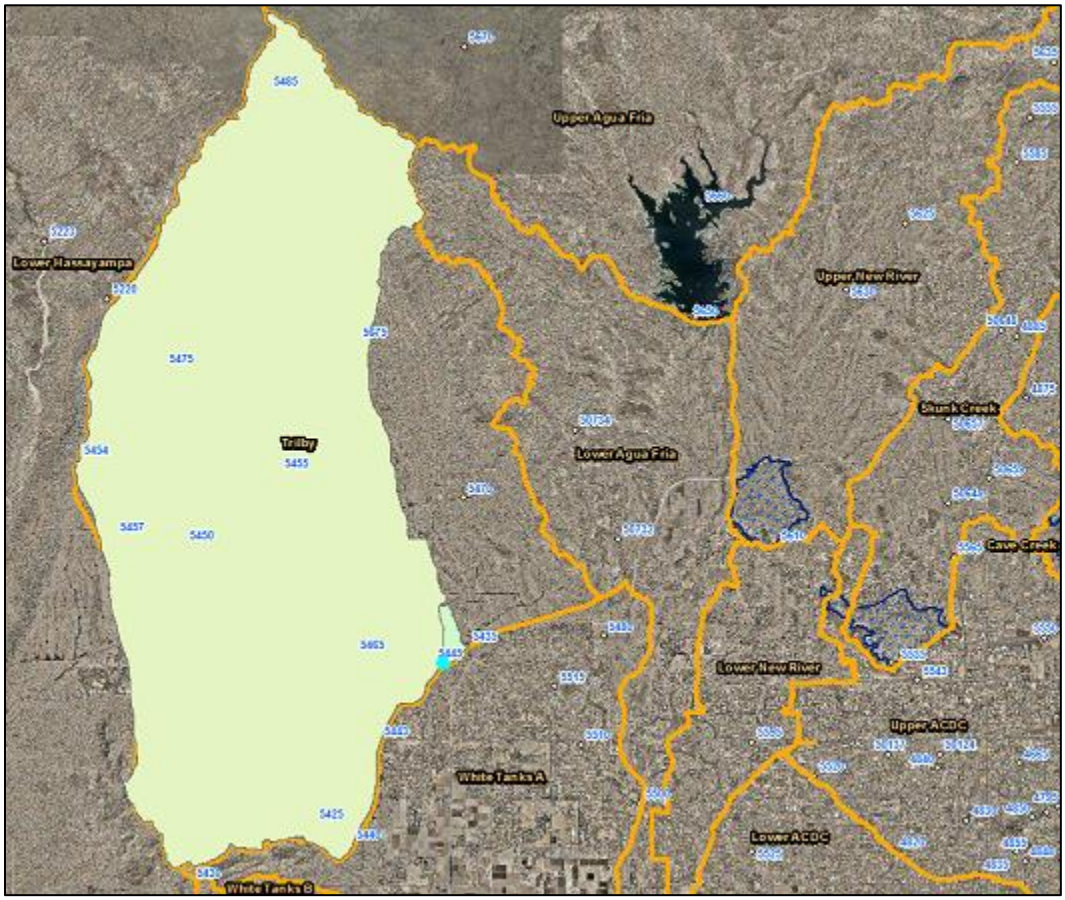
McMicken Floodway, ID #71307

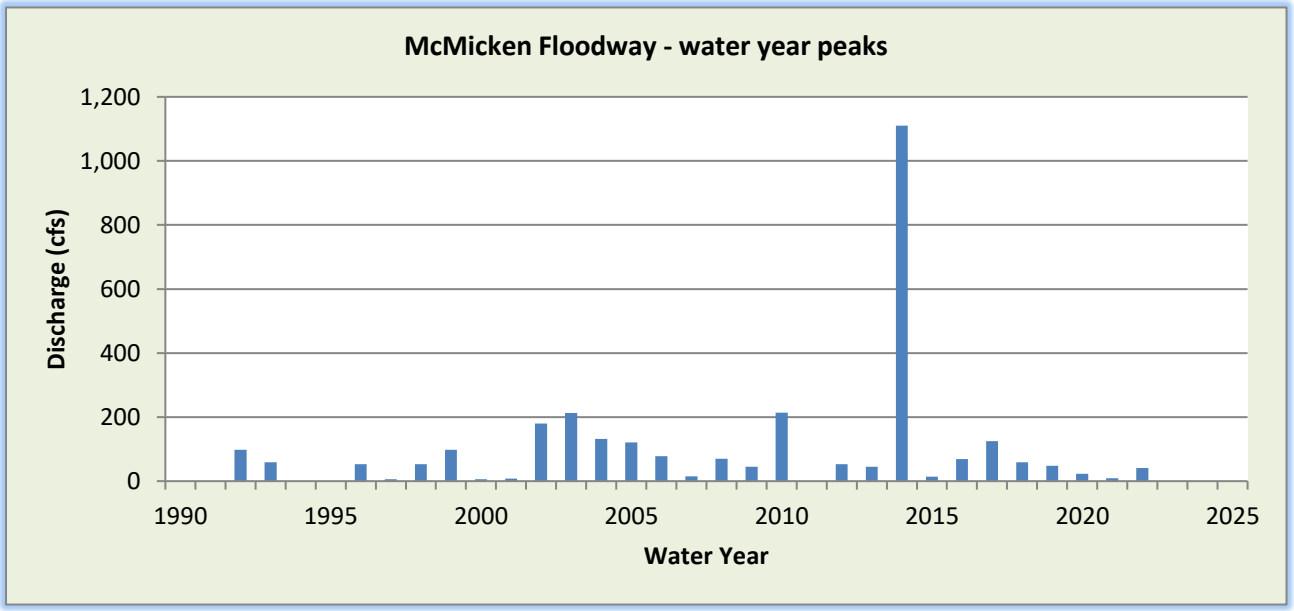


Site Data

LOCATION	Near the intersection of 163rd and Grand Avenues
DRAINAGE AREA	243.2 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
ARIZONA STATE PLANE	E 550347 | N 977232
USGS QUAD SHEET	McMicken Dam 7.5-Minute
STREAMGAGE INSTALLATION DATE	05/19/1992 – WY 1992
PERIOD OF AVAILABLE DATA RECORD	05/19/1992 – Current
LENGTH OF AVAILABLE DATA RECORD	31.37 Years | 11,457 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.15 feet Gage Height
STAFF GAGES	6
CREST STAGE GAGES	2
ZERO GAGE HEIGHT ELEVATION	1,325.070 feet NAVD88
POINT OF ZERO FLOW	0.15 feet Gage Height
EXTREME FOR PERIOD OF RECORD	1,110 cfs | 4.98 feet | 09/08/2014

Watershed Map





WY2023 Events

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

Hydrograph of peak WY 2023 flow event

No runoff recorded during Water Year 2023.

McMicken Floodway, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

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 2023 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

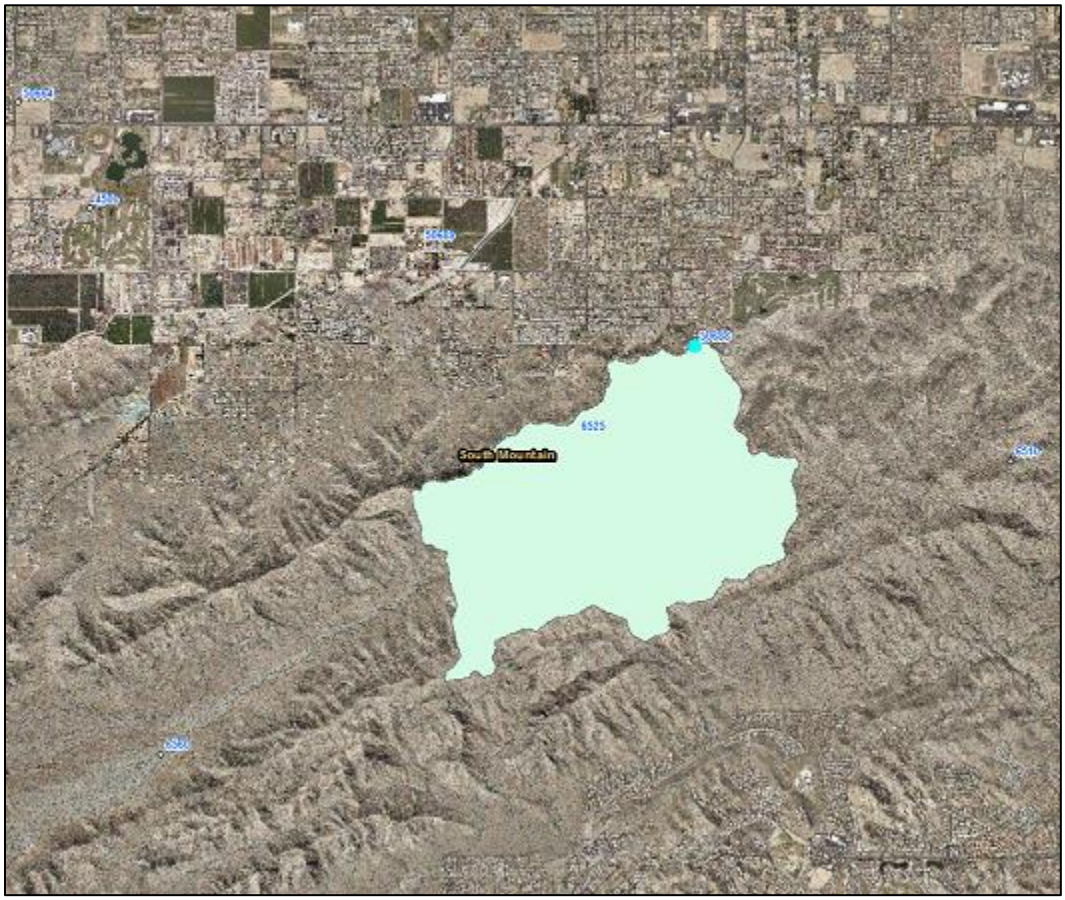
Mineral Canyon Basin, ID #68807

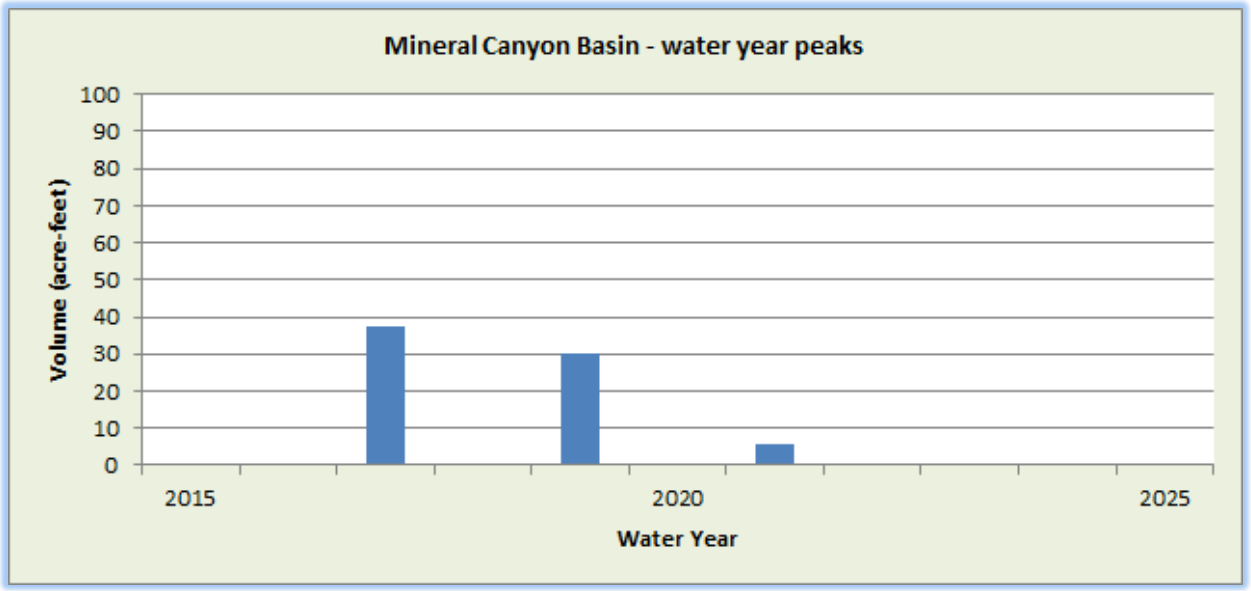


Site Data

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
ARIZONA STATE PLANE	E 653025 | N 857020
USGS QUAD SHEET	Lone Butte 7.5-Minute
STREAMGAGE INSTALLATION DATE	09/10/2015 – WY 2015
PERIOD OF AVAILABLE DATA RECORD	09/10/2015 – Current
LENGTH OF AVAILABLE DATA RECORD	8.06 Years | 2,943 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	2.00 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,294.00 feet NAVD88
POINT OF ZERO FLOW	7.82 feet Gage Height
SPILLWAY CREST ELEVATION	No identified spillway
TOP OF BASIN ELEVATION	28.0 feet Gage Height

Watershed Map





WY2023 Events

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

Hydrograph of peak WY 2023 impoundment event,

No impoundment recorded during Water Year 2023.

Mineral Canyon Basin, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

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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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 2023 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

Mineral Canyon Basin, volume data

Volume, in acre-feet, Water Year October 2022 to September 2023

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 2023 MEAN 0 MAX 0 MIN 0

Mineral Canyon Basin, stage data

Depth, in feet, Water Year October 2022 to September 2023

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	2.0
7	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
8	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
9	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
10	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
11	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
12	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
13	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
14	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
15	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
16	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
17	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
18	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
19	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
20	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
21	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
22	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
23	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
24	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
25	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
26	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
27	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
28	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
29	2.0	2.0	2.0	2.0	---	2.0	2.0	2.0	2.0	2.0	2.0	2.0
30	2.0	2.0	2.0	2.0	---	2.0	2.0	2.0	2.0	2.0	2.0	2.0
31	2.0	---	2.0	2.0	---	2.0	---	2.0	---	2.0	2.0	---
MEAN	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
MAX	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	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 2023 MEAN 2.00 MAX 2.00 MIN 2.00

New River Fire, ID #62707

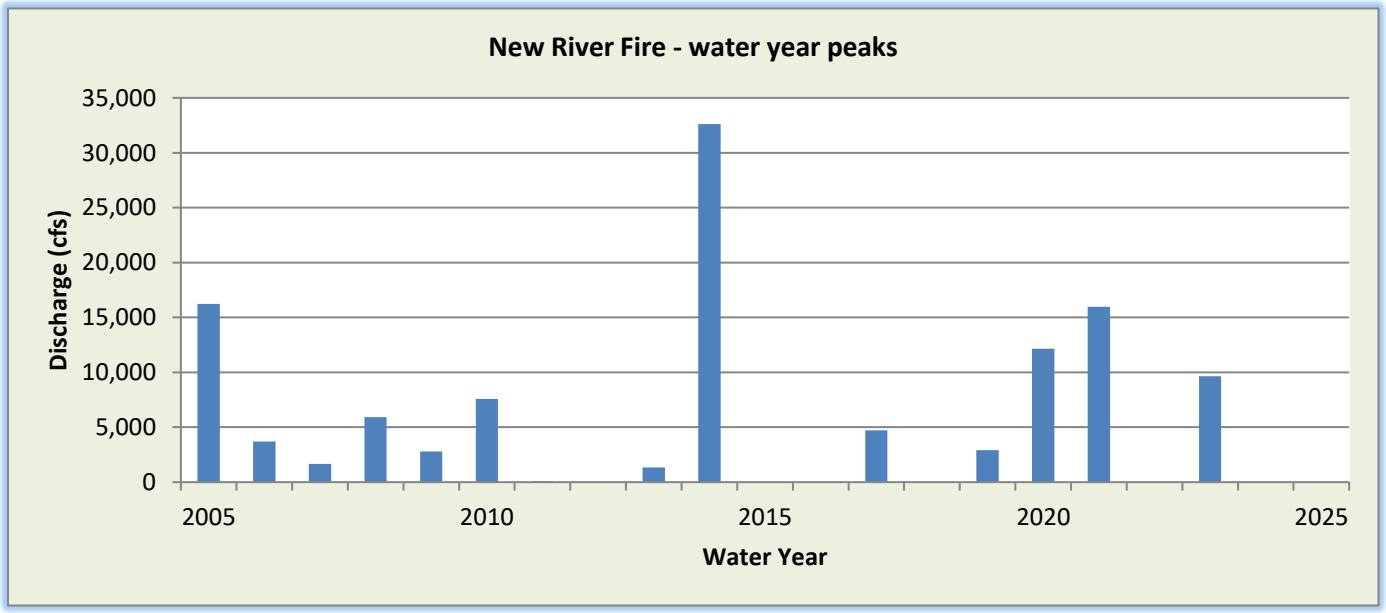


Site Data

LOCATION	North of Table Mesa Road about 4 miles east of I-17
DRAINAGE AREA	64.3 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
ARIZONA STATE PLANE	E 656360 | N 1082640
USGS QUAD SHEET	Daisy Mountain 7.5-Minute
STREAMGAGE INSTALLATION DATE	07/18/2005 – WY 2005
PERIOD OF AVAILABLE DATA RECORD	07/20/2005 – Current
LENGTH OF AVAILABLE DATA RECORD	18.20 Years | 6,647 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	1.20 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	2,469.094 feet NAVD88
POINT OF ZERO FLOW	0.0 feet Gage Height (estimated)
EXTREME FOR PERIOD OF RECORD	32,584 cfs | 11.0 feet | 08/19/2014

Watershed Map

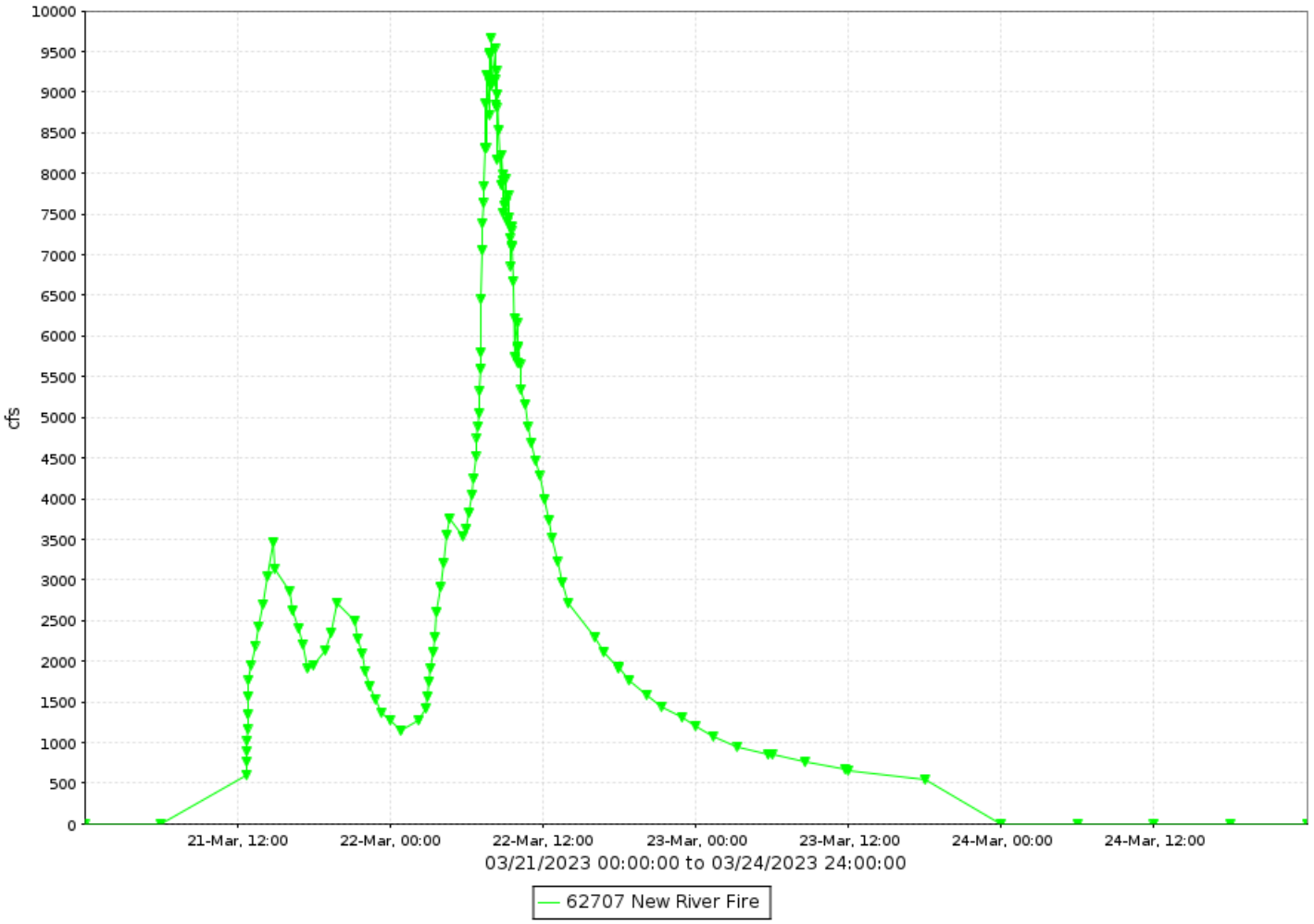




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
1/17	3.06	3114
3/1	2.23	1550
3/16	2.66	2250
3/22	5.80	9661

Hydrograph of peak WY 2023 flow event, 03/22/2023



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-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1						115						
2						155						
3						124						
4												
5												
6												
7												
8												
9												
10												
11												
12												
13				---								
14												
15												
16				199		303						
17				1015								
18												
19												
20												
21						1084						
22						3209						
23						760						
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	1213	0	5751	0	0	0	0	0	0
MEAN	0	0	0	39	0	186	0	0	0	0	0	0
MAX	0	0	0	3114	0	9661	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	2406	0	11406	0	0	0	0	0	0

WTR YR 2023 TOTAL 6964 MEAN 19 MAX 9661 MIN 0 AC_FT 13813

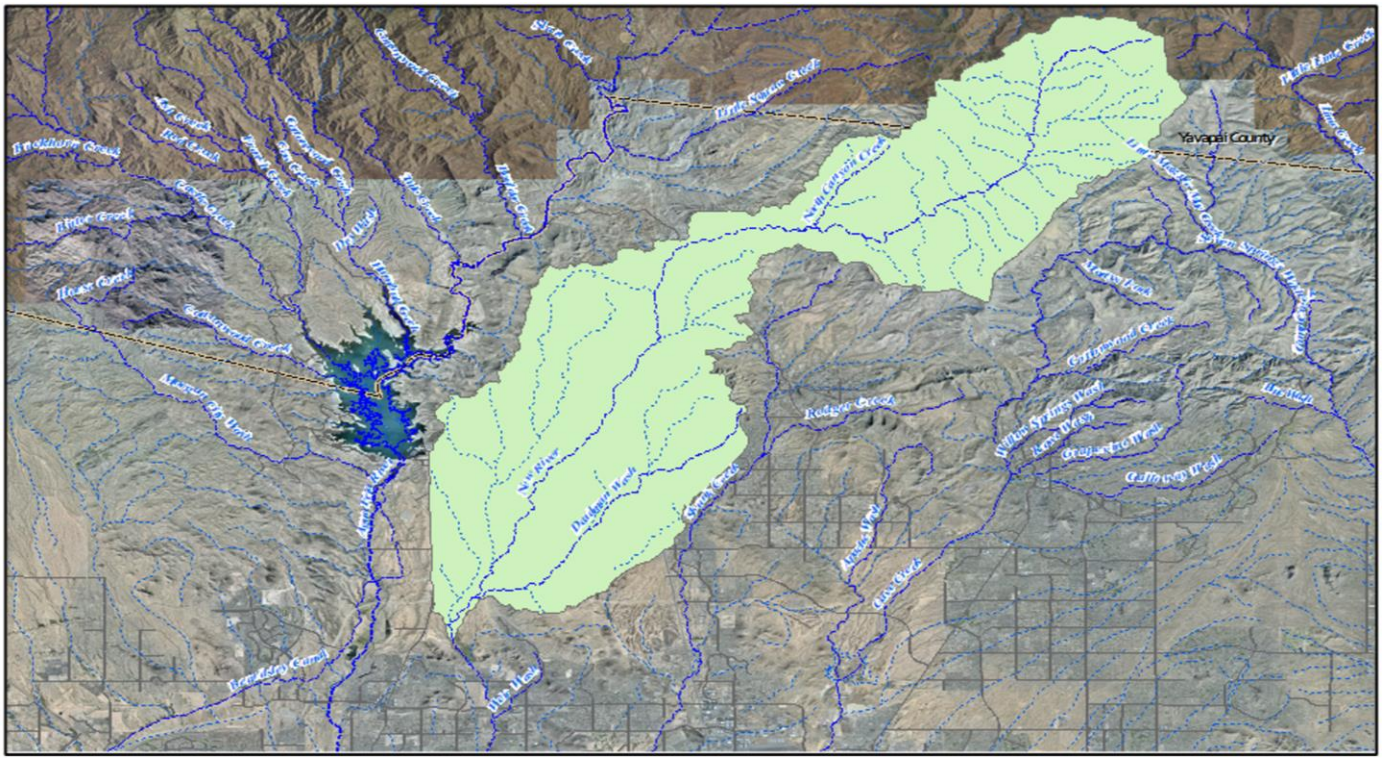
New River @ Loop 303, ID #62213

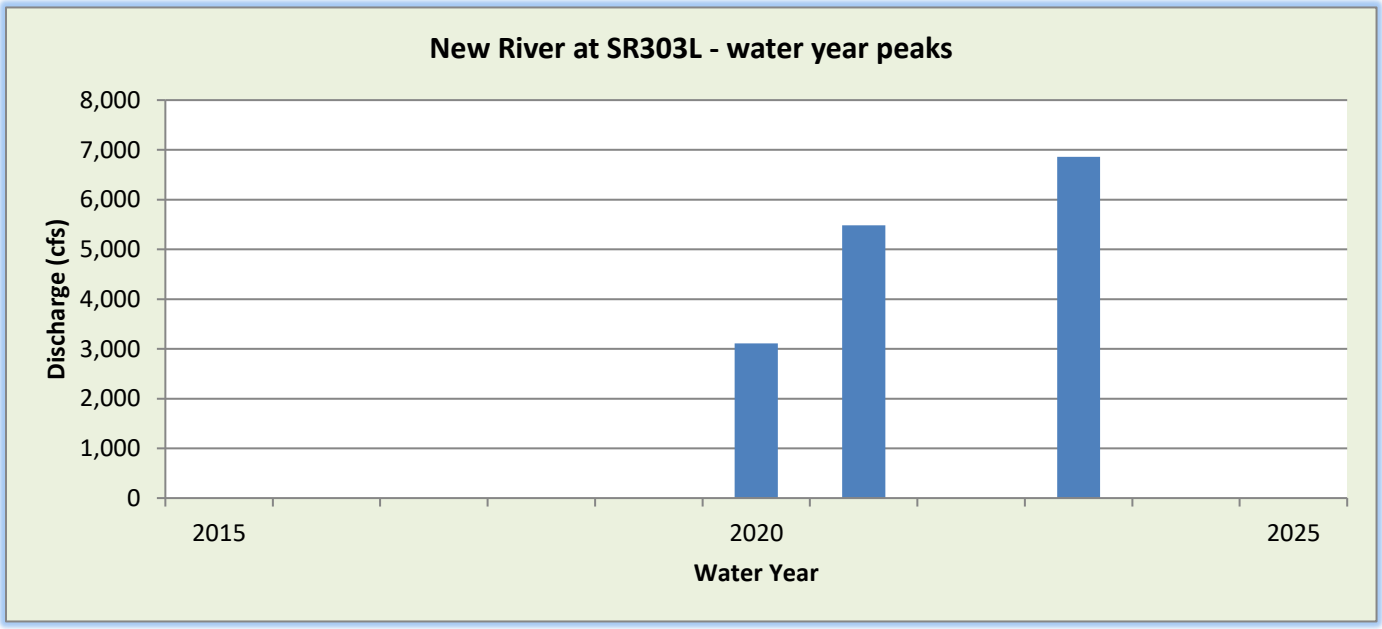


Site Data

LOCATION	On the westbound Loop 303 bridge
DRAINAGE AREA	122.2 mi^2
STREAM TYPE	Natural Stream
JURISDICTION	Peoria, Arizona
WATERSHED	Upper New River
SECTION/TOWNSHIP/RANGE	S14 T5N R1E
LATITUDE	N 33° 38’ 16.6” | +33.63795
LONGITUDE	W 112° 14’ 22.5” | -112.23959
ARIZONA STATE PLANE	E 606540 | N 1011220
USGS QUAD SHEET	Biscuit Flat 7.5-Minute
STREAMGAGE INSTALLATION DATE	12/12/2019 – WY 2020
PERIOD OF AVAILABLE DATA RECORD	12/12/2019 – Current
LENGTH OF AVAILABLE DATA RECORD	3.80 Years | 1,389 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	RADAR
STAGE GAGE ELEVATION	23.76 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	1,490.000 feet NAVD88
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	5,483 cfs | 5.46 feet | 07/23/2022
EXTREME OUTSIDE PERIOD OF RECORD	46,000 cfs | 08/19/2014

Watershed Map





WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
9/1	*~5.22*	*~4572**

*discharge was approximated based on crest gage elevations gathered after event. The event was missed by Radar unit.

Hydrograph of peak WY 2023 flow event, 09/01/2023

Event missed by device.

New River at SR303L, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

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 2023 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

Note: Events likely missed by Radar unit

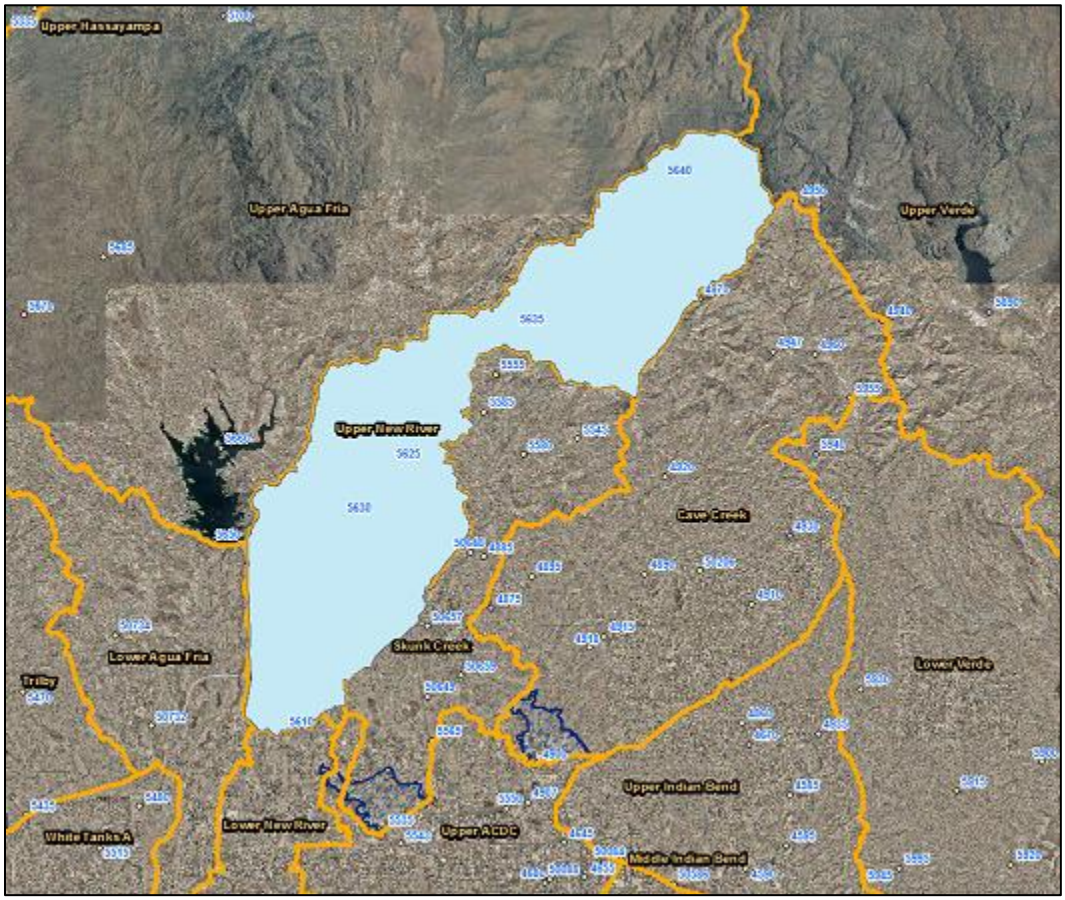
New River Dam Pool, ID #62017

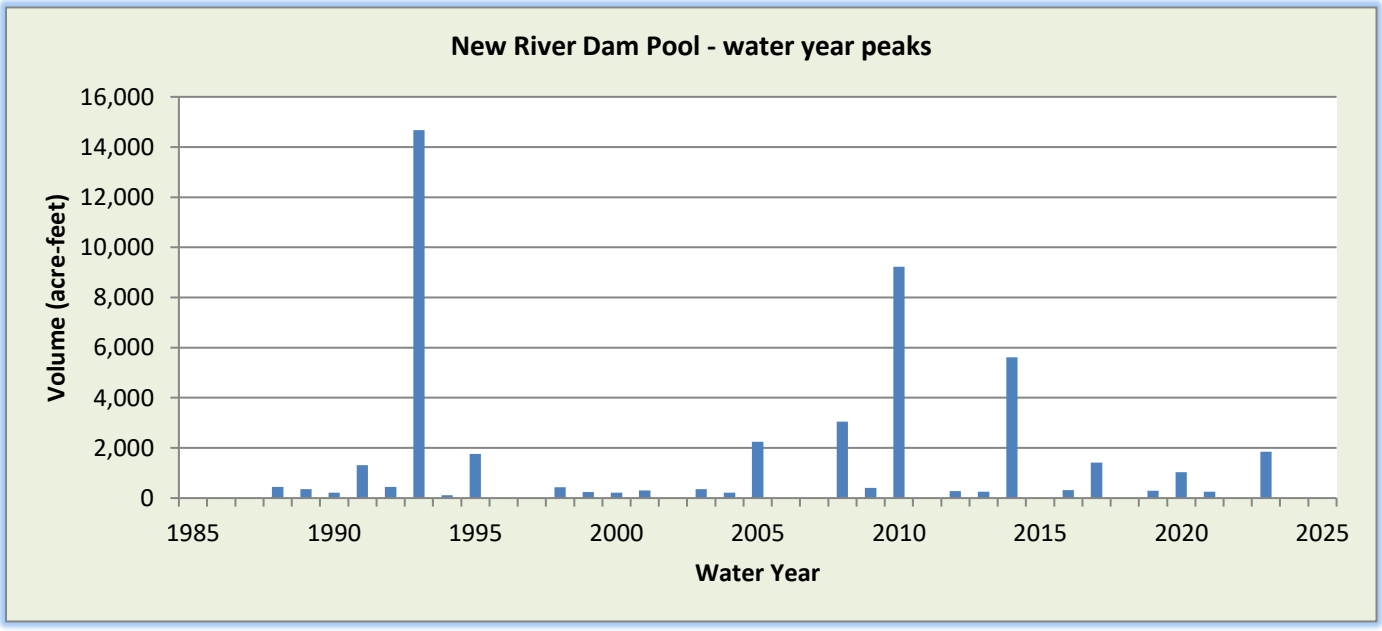


Site Data

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
ARIZONA STATE PLANE	E 606115 | N 995412
USGS QUAD SHEET	Hedgpeth Hills 7.5-Minute
STREAMGAGE INSTALLATION DATE	04/15/1986 – WY 1986
PERIOD OF AVAILABLE DATA RECORD	08/30/1988 – Current
LENGTH OF AVAILABLE DATA RECORD	35.09 Years | 12,815 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Non-submersible Transducer
STAGE GAGE ELEVATION	2.85 feet Gage Height
STAFF GAGES	21
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,391.50 feet NAVD88
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

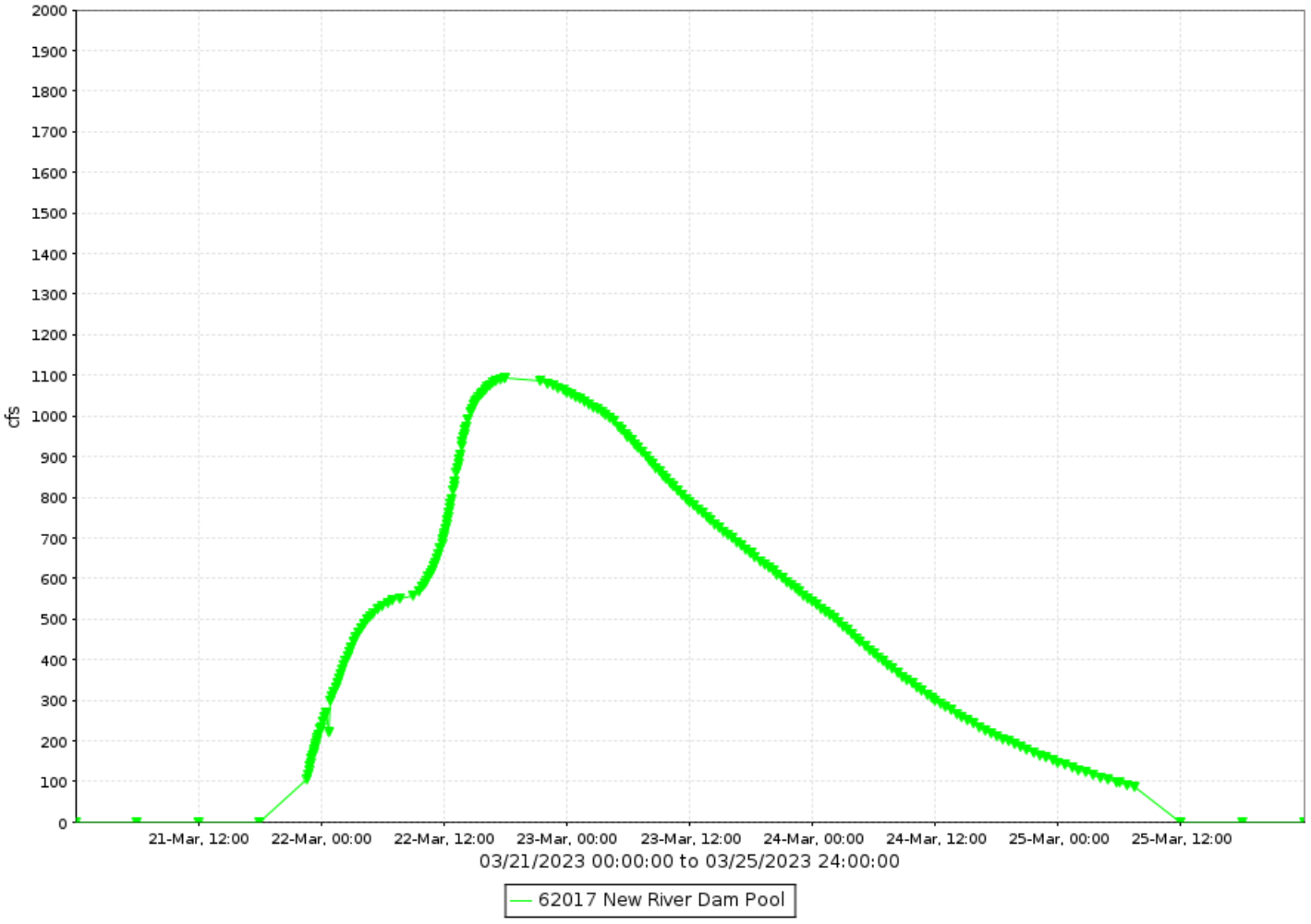




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
1/17	5.71	198.7	0.4
3/4	5.16	159.0	0.3
3/16	5.10	162.4	0.3
3/22	16.75	1854.1	4.2
9/1	4.14	109.2	0.3

Hydrograph of peak WY 2023 impoundment event, 03/22/2023



New River Dam Pool, volume data

Volume, in acre-feet, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												40
2						32						
3						110						
4						134						
5						82						
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16						74						
17				73		72						
18				122								
19				58								
20												
21						7						
22						1060						
23						1062						
24						274						
25						37						
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
MEAN	0	0	0	8	0	95	0	0	0	0	0	1
MAX	0	0	0	199	0	1854	0	0	0	0	0	109
MIN	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 2023 MEAN 9 MAX 1854 MIN 0

New River Dam Pool, stage data

Depth, in feet, Water Year October 2022 to September 2023

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	3.2
2	2.9	2.9	2.9	2.9	2.9	3.2	2.9	2.9	2.9	2.9	2.9	2.9
3	2.9	2.9	2.9	2.9	2.9	4.1	2.9	2.9	2.9	2.9	2.9	2.9
4	2.9	2.9	2.9	2.9	2.9	4.6	2.9	2.9	2.9	2.9	2.9	2.9
5	2.9	2.9	2.9	2.9	2.9	3.6	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	3.8	2.9	2.9	2.9	2.9	2.9	2.9
17	2.9	2.9	2.9	3.9	2.9	3.6	2.9	2.9	2.9	2.9	2.9	2.9
18	2.9	2.9	2.9	4.4	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
19	2.9	2.9	2.9	3.3	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	3.0	2.9	2.9	2.9	2.9	2.9	2.9
22	2.9	2.9	2.9	2.9	2.9	12.2	2.9	2.9	2.9	2.9	2.9	2.9
23	2.9	2.9	2.9	2.9	2.9	12.6	2.9	2.9	2.9	2.9	2.9	2.9
24	2.9	2.9	2.9	2.9	2.9	6.6	2.9	2.9	2.9	2.9	2.9	2.9
25	2.9	2.9	2.9	2.9	2.9	3.1	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	3.0	2.9	3.8	2.9	2.9	2.9	2.9	2.9	2.9
MAX	2.9	2.9	2.9	5.7	2.9	16.8	2.9	2.9	2.9	2.9	2.9	4.1
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 2023 MEAN 2.97 MAX 16.75 MIN 2.88

New River Dam Outlet, ID #62007

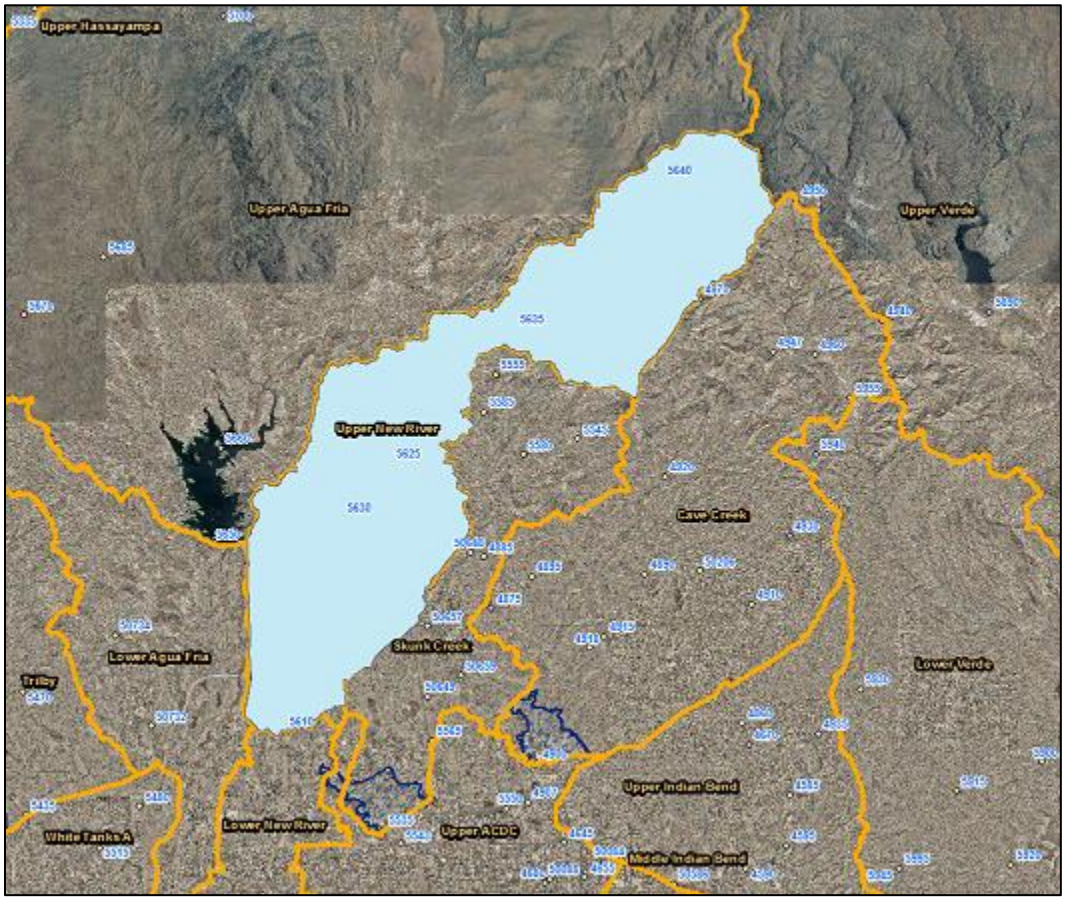


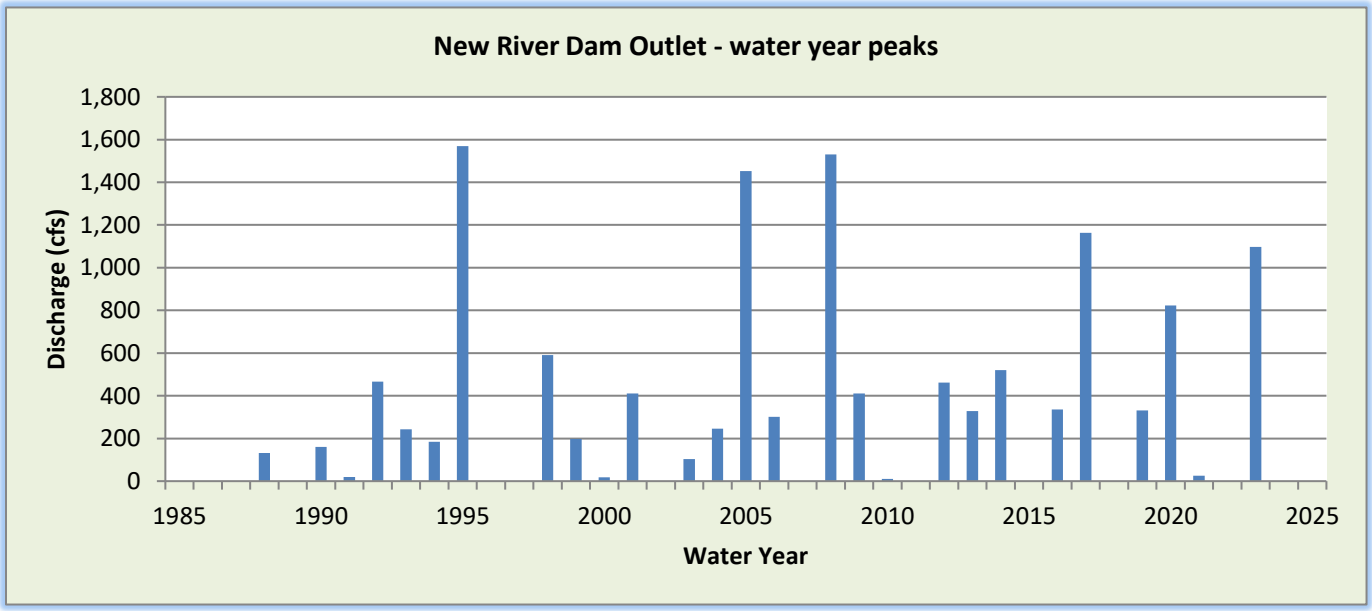
Site Data

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
ARIZONA STATE PLANE	E 606115 | N 995412
USGS QUAD SHEET	Hedgpeth Hills 7.5-Minute
STREAMGAGE INSTALLATION DATE	04/15/1986 – WY 1986
PERIOD OF AVAILABLE DATA RECORD	08/30/1988 – Current
LENGTH OF AVAILABLE DATA RECORD	35.09 Years | 12,815 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.68 feet Gage Height
STAFF GAGES	1
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,378.147 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

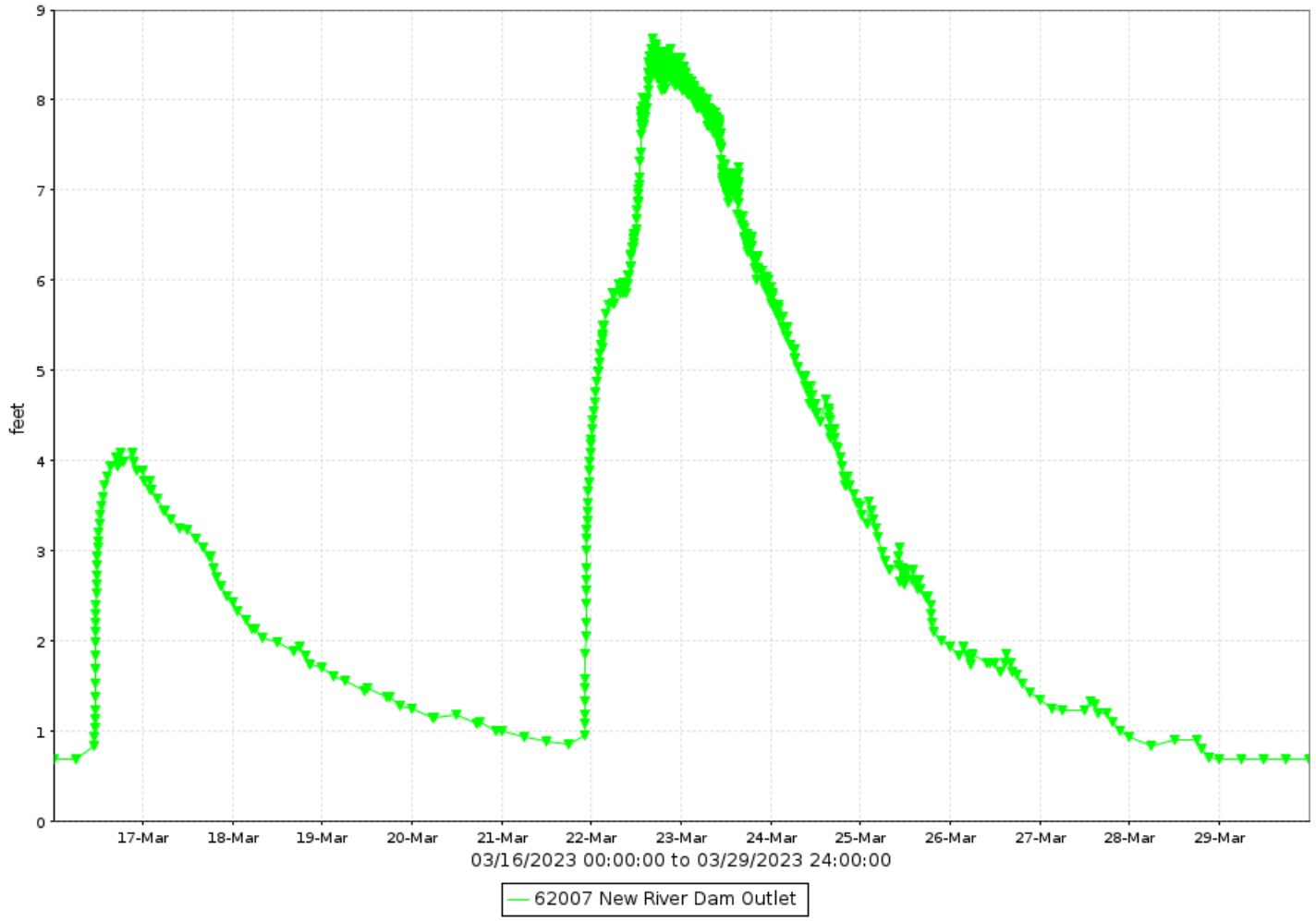




WY2023 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
1/17	4.96	138
3/4	4.48	84
3/22	8.68	1097
9/1	3.75	26

Hydrograph of peak WY 2023 flow event, 03/22/2023



New River Dam Outlet, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												8
2						5						
3						17						
4						32						
5						12						
6						1						
7												
8												
9												
10												
11												
12												
13												
14												
15												
16						17						
17				36		11						
18				29								
19												
20												
21						2						
22						584						
23						626						
24						119						
25						4						
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	65	0	1430	0	0	0	0	0	8
MEAN	0	0	0	2	0	46	0	0	0	0	0	0
MAX	0	0	0	138	0	1097	0	0	0	0	0	26
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	128	0	2836	0	0	0	0	0	15

WTR YR 2023 TOTAL 1502 MEAN 4 MAX 1097 MIN 0 AC_FT 2979

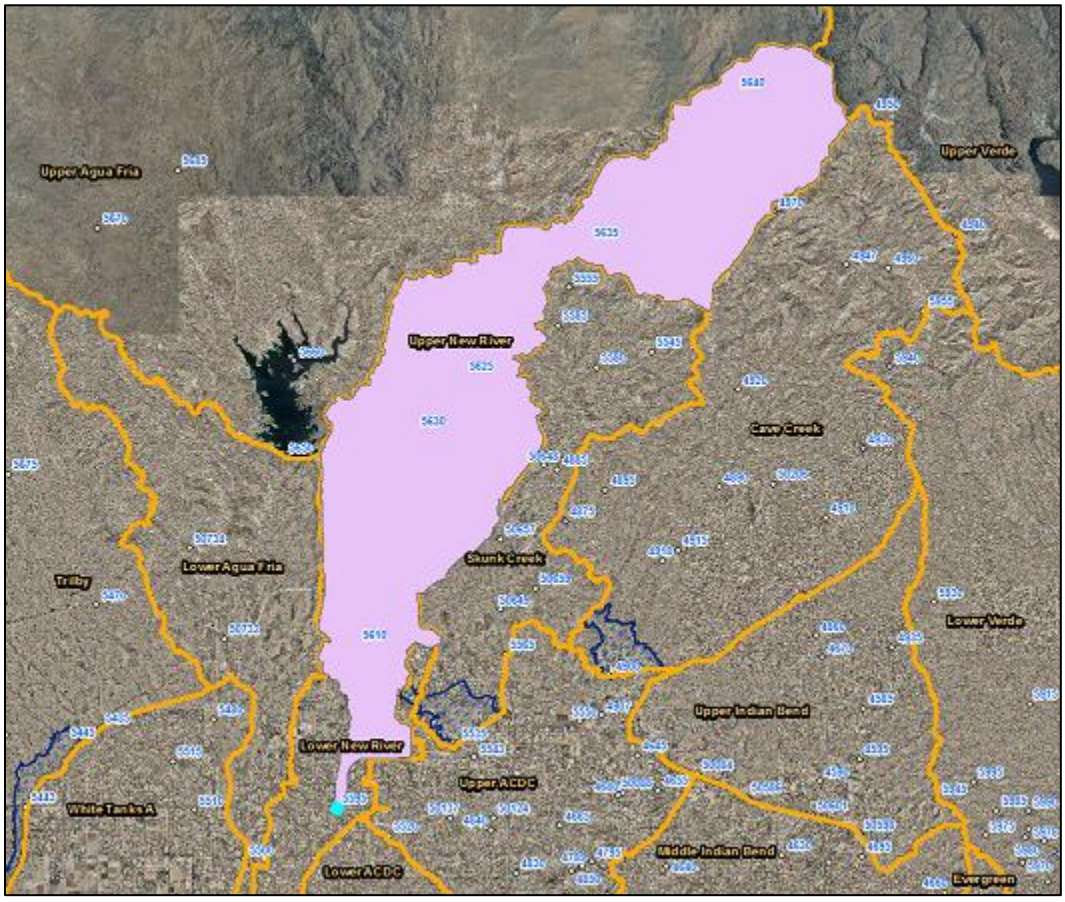
New River at Bell Road, ID #61707

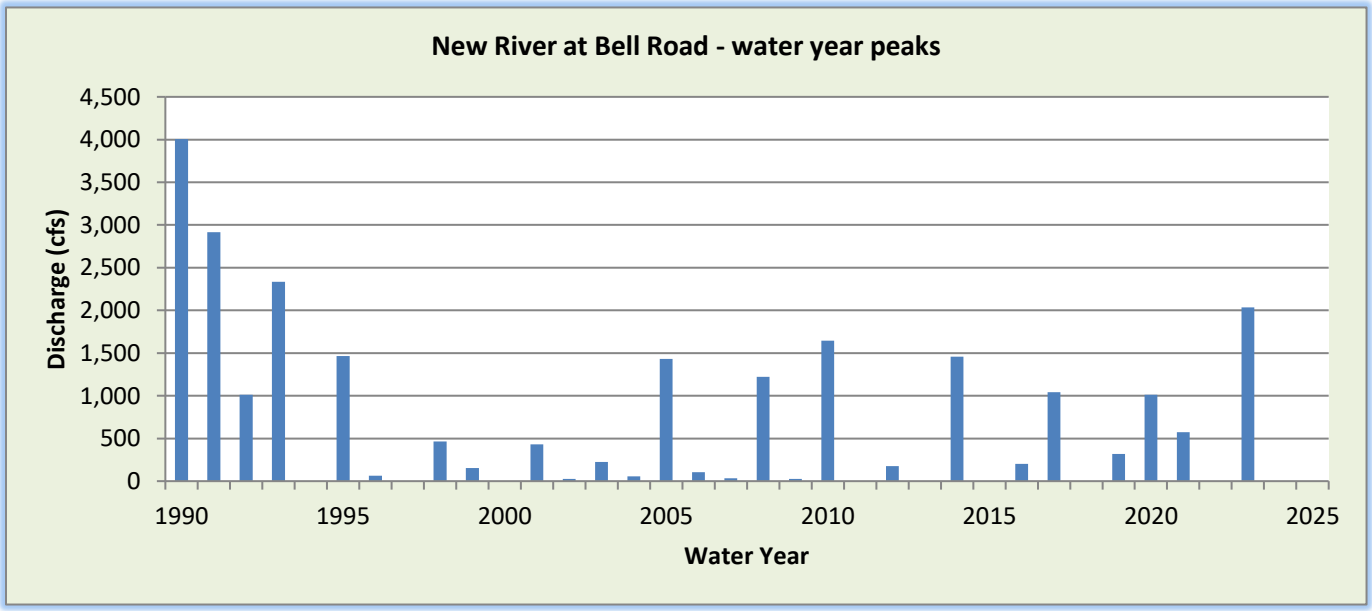


Site Data

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
ARIZONA STATE PLANE	E 601728 | N 959805
USGS QUAD SHEET	Hedgpeth Hills 7.5-Minute
STREAMGAGE INSTALLATION DATE	04/04/1990 – WY 1990
PERIOD OF AVAILABLE DATA RECORD	04/04/1990 – Current
LENGTH OF AVAILABLE DATA RECORD	33.49 Years | 12,233 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.30 feet Gage Height
STAFF GAGES	2
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	1,192.113 feet NAVD88
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

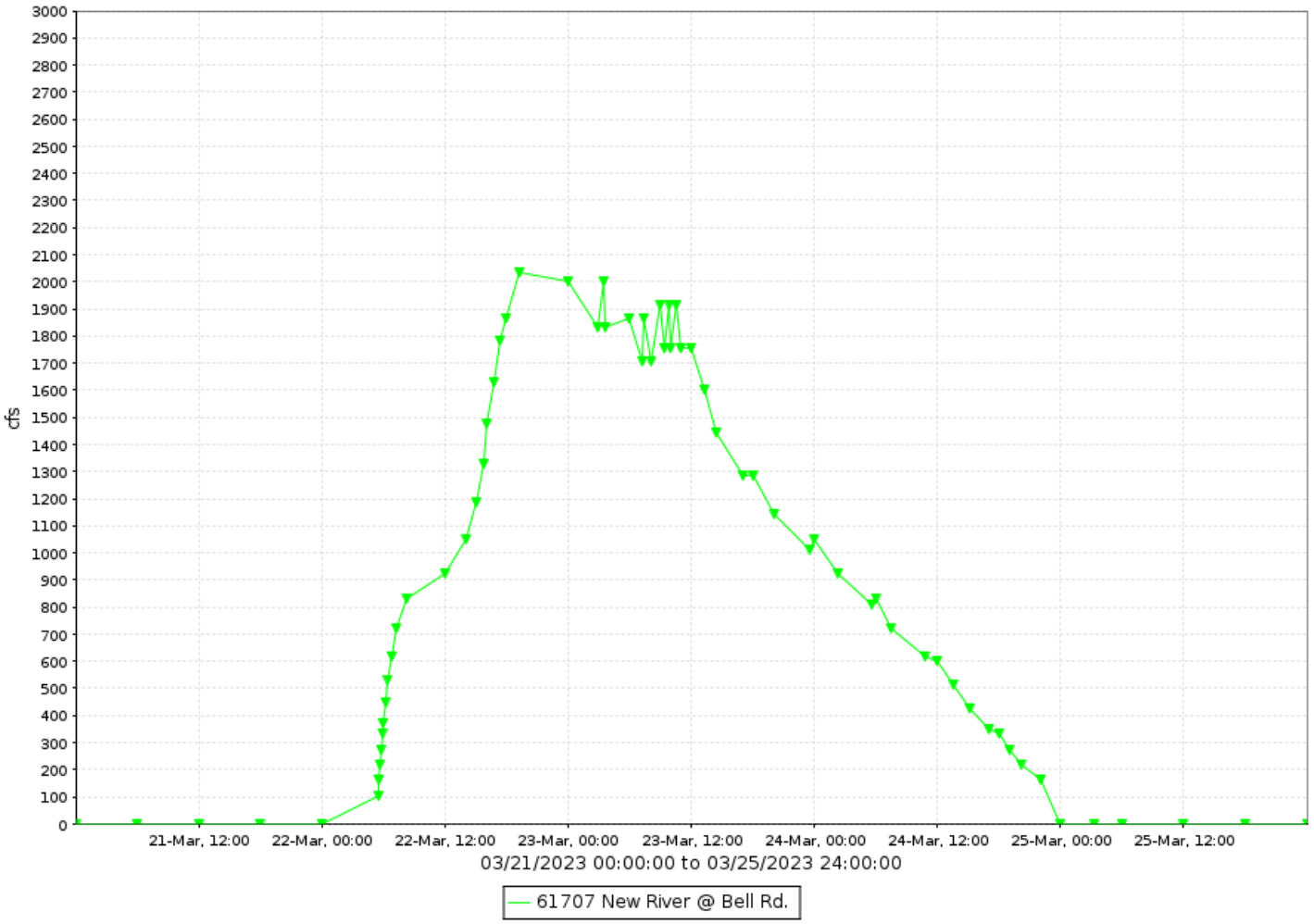




WY2023 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
3/4	0.55	193
3/22	2.18	2033

Hydrograph of peak WY 2023 flow event, 03/22/2023



New River at Bell Road, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4						82						
5						16						
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18				67								
19												
20												
21												
22						996						
23						1606						
24						602						
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	67	0	3301	0	0	0	0	0	0
MEAN	0	0	0	2	0	106	0	0	0	0	0	0
MAX	0	0	0	132	0	2033	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	133	0	6548	0	0	0	0	0	0

WTR YR 2023 TOTAL 3369 MEAN 9 MAX 2033 MIN 0 AC_FT 6681

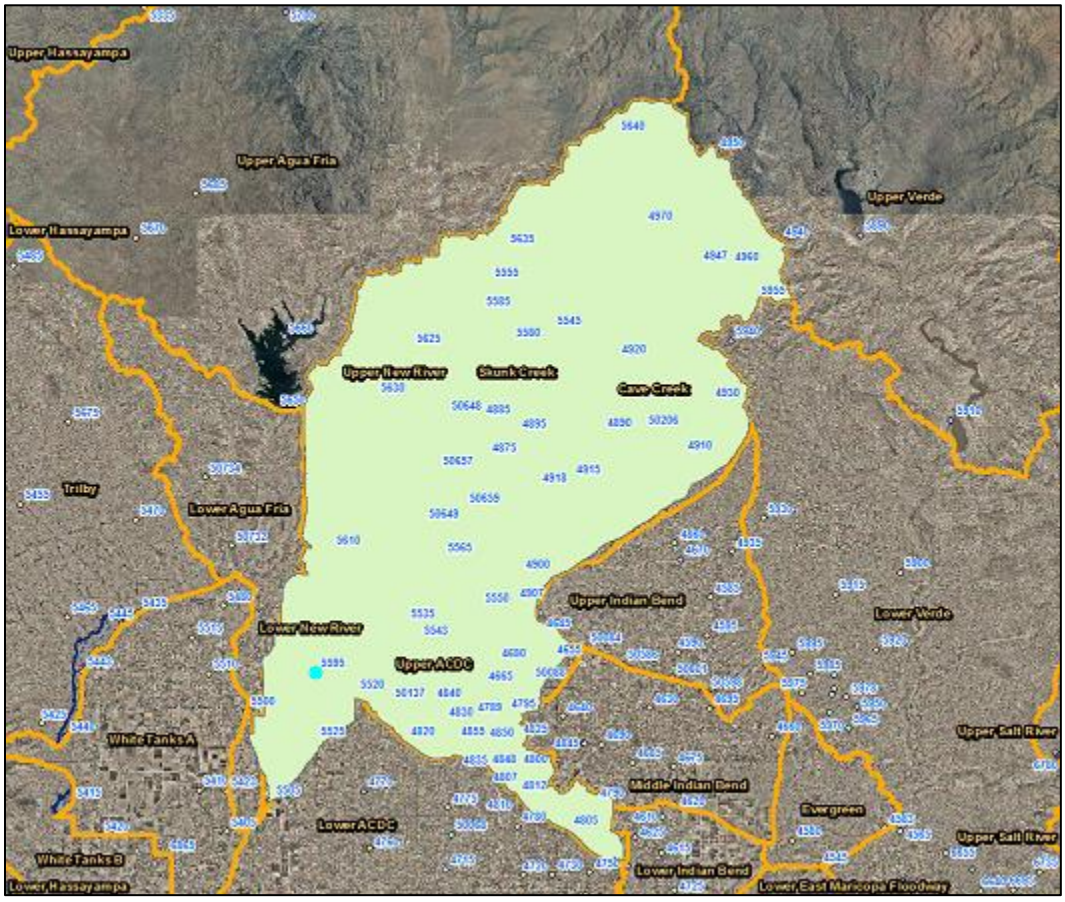
New River at Glendale Avenue, ID #61507 (transducer), #61513 (radar)

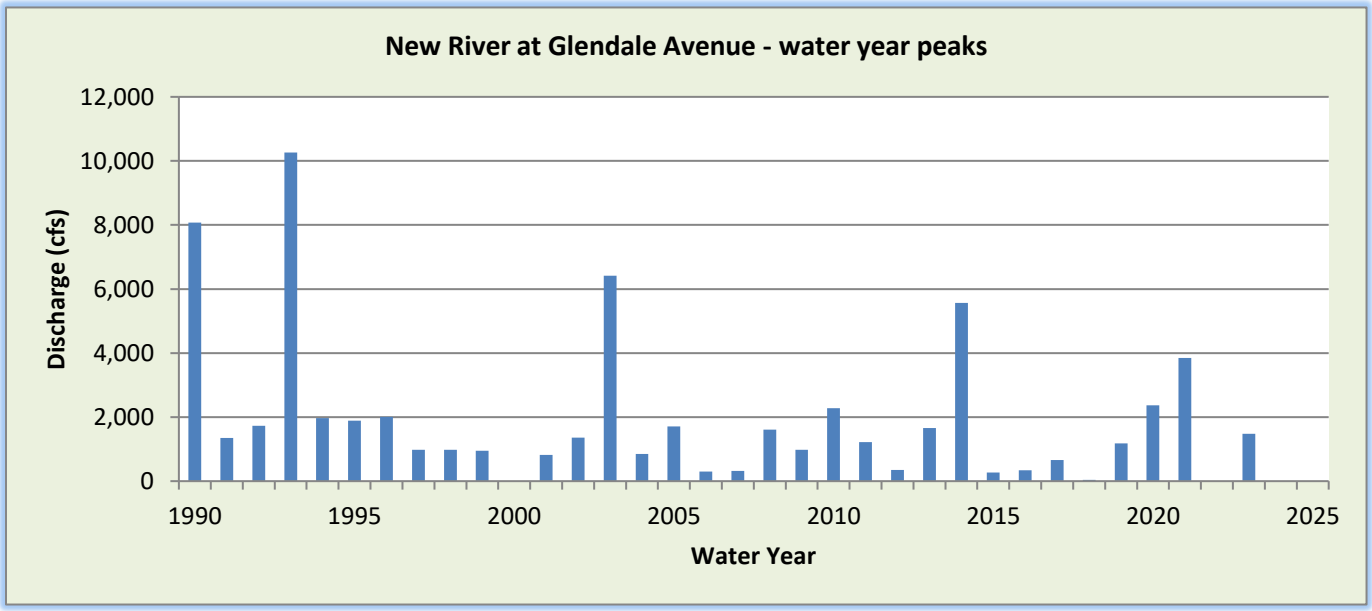


Site Data

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
ARIZONA STATE PLANE	E 588614 | N 922979
USGS QUAD SHEET	El Mirage 7.5-Minute
STREAMGAGE INSTALLATION DATE	03/21/1990 – WY 1990
PERIOD OF AVAILABLE DATA RECORD (RADAR)	03/03/2016 – Current
PERIOD OF AVAILABLE DATA RECORD (TRANSDUCER)	03/21/1990 – Current
LENGTH OF AVAILABLE TRANSDUCER DATA RECORD	33.53 Years | 12,247 Days
GAPS IN RECORD	08/23/2006 – 03/07/2007
STAGE GAGE TYPE	Pressure Transducer
TRANSDUCER GAGE ELEVATION	2.50 feet Gage Height
STAGE GAGE TYPE	RADAR Sensor
RADAR GAGE ELEVATION	20.75 feet Gage Height
STAFF GAGES	1
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	1,045.843 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





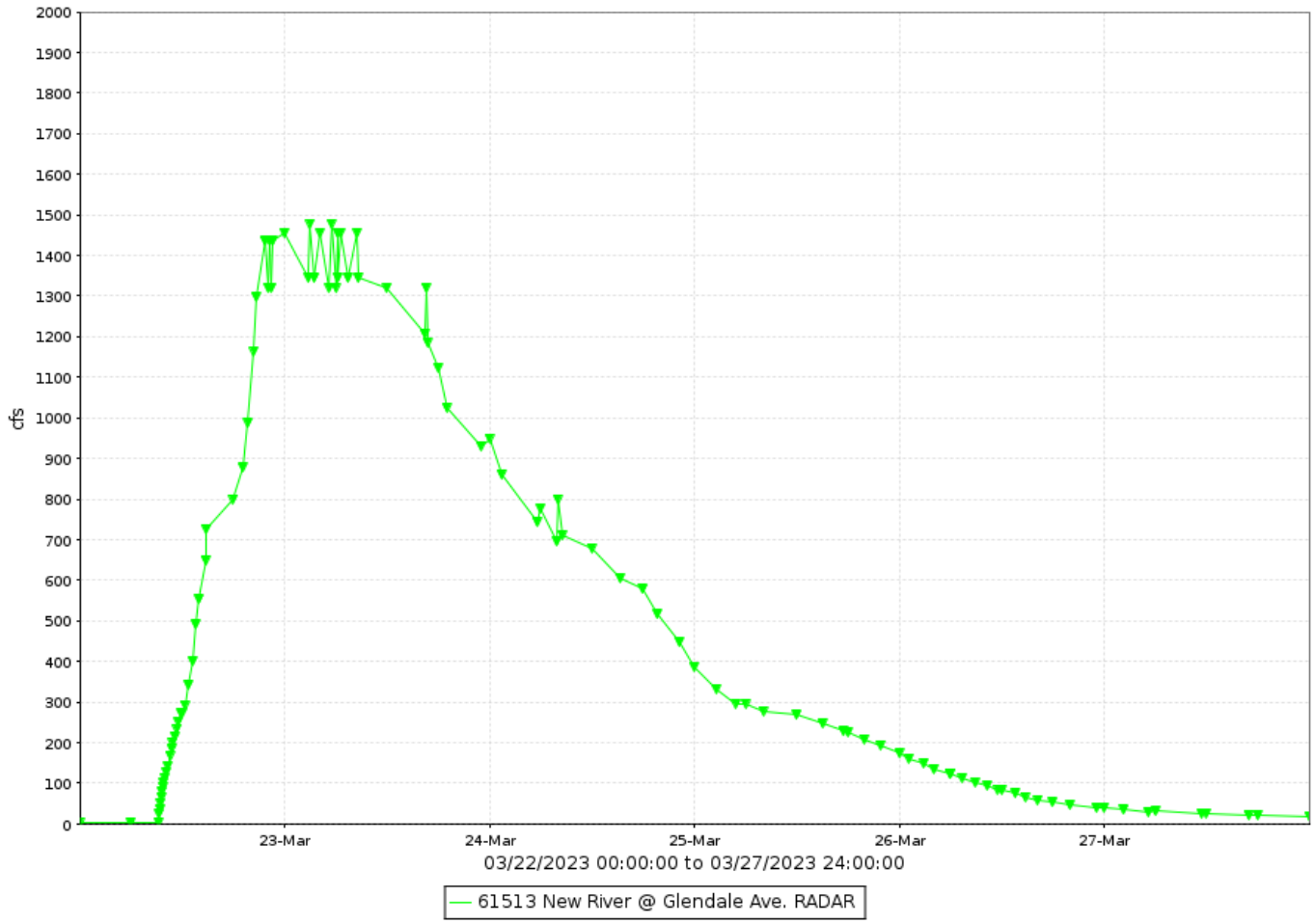
WY2023 Events PT

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

WY2023 Events Radar

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
10/16	2.53	289
12/4	1.05	52
12/13	0.96	44
12/28	1.82	147
1/18	1.95	169
2/15	2.34	244
3/2	2.52	285
3/15	2.07	189
3/23	3.49	1478
9/3	0.81	32
9/13	1.33	81

Hydrograph of peak WY 2023 flow event, 03/23/2023



New River at Glendale Avenue (#61513), runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4	4	4	42	8	49	4	4	4	4	10	82
2	4	4	4	82	18	218	4	4	4	4	13	61
3	4	4	11	37	19	145	4	4	4	5	10	18
4	4	4	41	16	21	193	4	4	4	10	12	10
5	4	4	38	4	24	194	4	4	4	9	13	19
6	4	4	20	4	25	135	4	4	4	15	18	13
7	4	4	4	4	26	52	4	4	4	15	19	11
8	4	4	4	4	34	27	4	4	4	13	14	30
9	4	4	4	4	30	16	4	4	4	14	15	46
10	4	4	4	4	34	7	4	4	4	14	19	57
11	4	4	4	4	43	4	4	4	4	13	15	19
12	4	4	22	4	30	4	4	4	4	11	20	9
13	4	4	34	4	28	4	4	4	4	7	20	42
14	4	4	21	4	35	4	4	4	4	8	17	27
15	80	4	17	13	106	24	4	4	4	15	18	20
16	198	4	17	58	27	87	4	4	4	15	60	34
17	63	4	11	89	15	177	4	4	4	14	41	23
18	26	4	4	102	15	113	4	4	4	12	19	9
19	4	4	4	77	15	49	4	4	4	12	42	12
20	4	4	4	45	17	27	4	4	4	13	35	18
21	4	4	4	30	15	11	4	4	4	15	17	16
22	4	4	4	18	21	457	4	4	4	14	25	12
23	4	4	4	14	18	1279	4	4	4	13	22	34
24	4	4	4	4	14	693	4	4	4	14	34	22
25	4	4	4	4	4	275	4	4	4	9	26	22
26	4	4	4	4	4	95	4	4	4	8	40	12
27	4	4	4	4	4	28	4	4	4	15	42	36
28	4	4	61	4	4	13	4	4	4	15	21	32
29	4	4	74	4	---	4	4	4	4	12	12	34
30	4	4	23	4	---	4	4	4	4	13	13	43
31	4	---	15	4	---	4	---	4	---	15	15	---
TOTAL	---	---	---	---	---	---	---	---	---	---	---	---
MEAN	15	4	15	22	23	142	4	4	4	12	22	27
MAX	---	---	---	---	---	---	---	---	---	---	---	---
MIN	---	---	---	---	---	---	---	---	---	---	---	---
AC_FT	---	---	---	---	---	---	---	---	---	---	---	---

WTR YR 2023 TOTAL --- MEAN 25 MAX --- MIN --- AC_FT ---

NOTE: There is almost always a base flow at this location due to irrigation tail water.

New River at Glendale Avenue (#61507), runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

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 2023 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

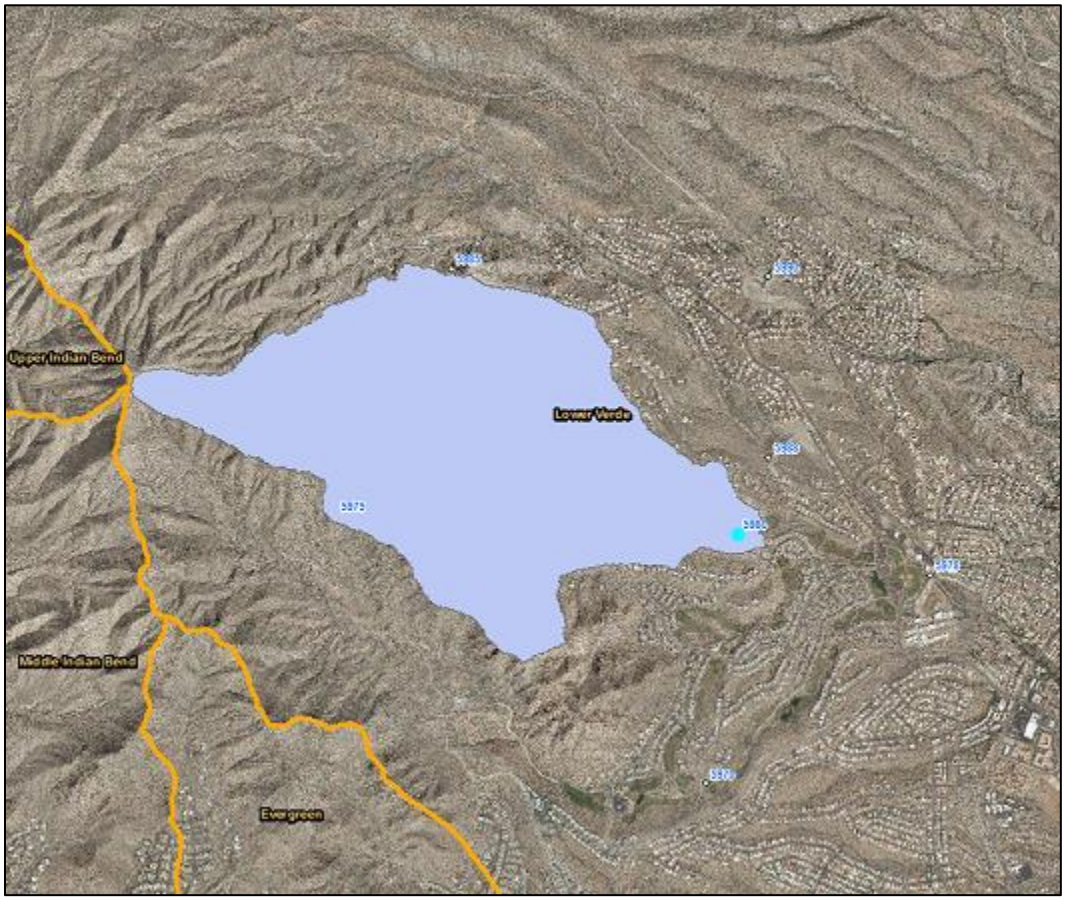
North Heights Dam, ID #78207

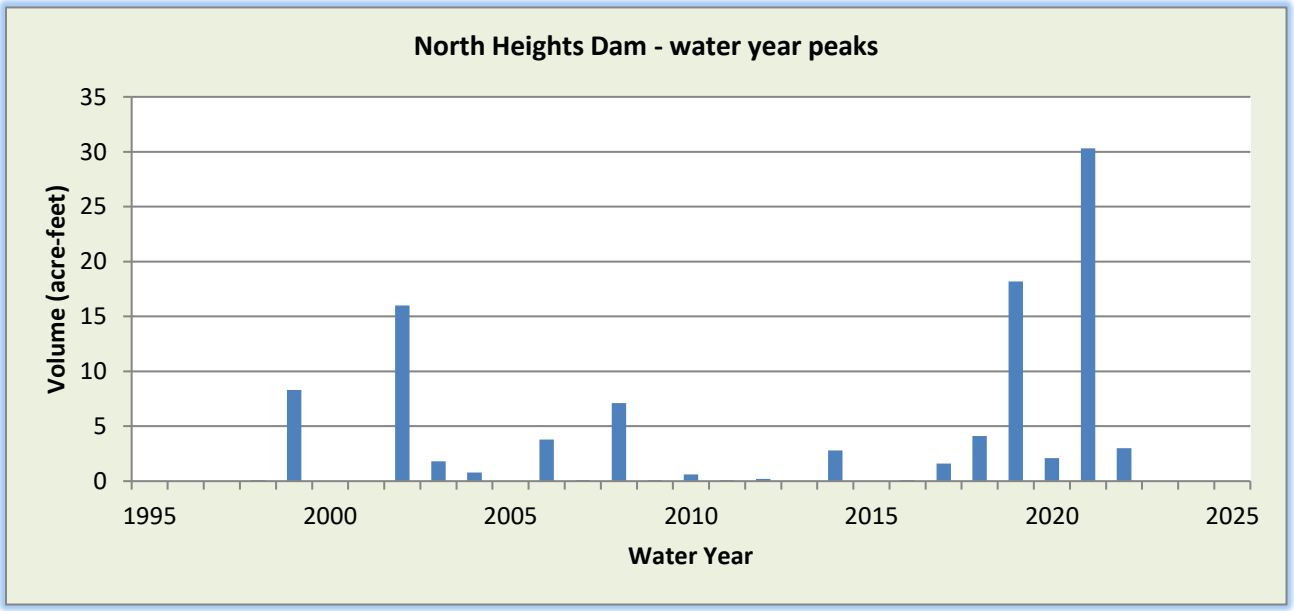


Site Data

LOCATION	Upstream from Golden Eagle Park Dam, to the north and west
DRAINAGE AREA	2.02 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
ARIZONA STATE PLANE	E 751124 | N 953607
USGS QUAD SHEET	Granite Reef Dam 7.5-Minute
STREAMGAGE INSTALLATION DATE	10/11/1996 – WY 1997
PERIOD OF AVAILABLE DATA RECORD	10/11/1996 – Current
LENGTH OF AVAILABLE DATA RECORD	26.97 Years | 9,851 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.25 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,781.258 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

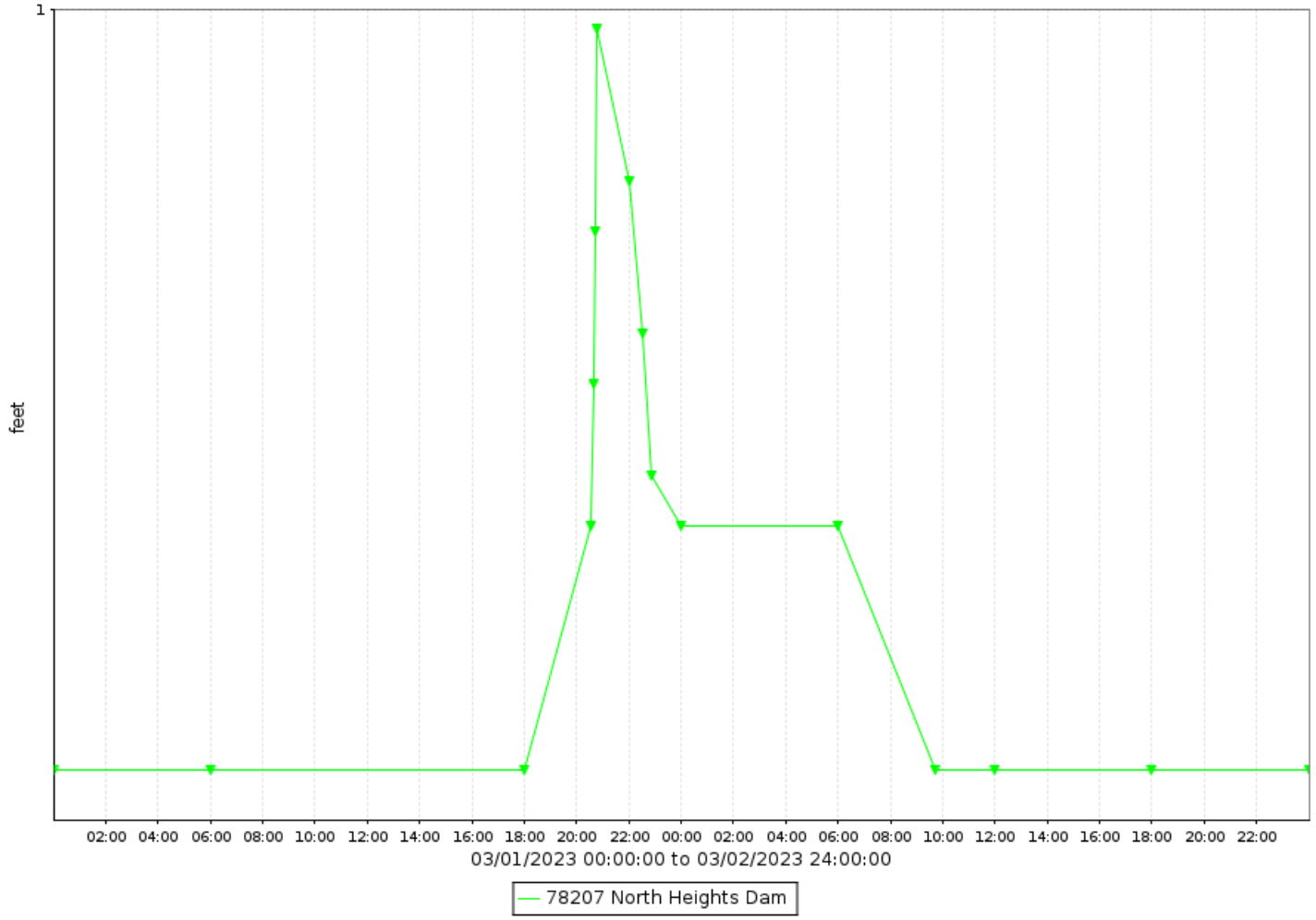




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
3/1	0.98	0.0	0.0

Hydrograph of peak 2023 impoundment event, 03/01/2023



North Heights Dam, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

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

WTR YR 2023 TOTAL 12 MEAN 0 MAX 13 MIN 0 AC_FT 24

North Heights Dam, volume data

Volume, in acre feet, Water Year October 2022 to September 2023

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 2023 MEAN 0 MAX 0 MIN 0

North Heights Dam, stage data

Depth, in feet, Water Year October 2022 to September 2023

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	0.3	0.2	0.2	0.2	0.2	0.2	0.2
2	0.2	0.2	0.2	0.2	0.2	0.3	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	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2
16	0.2	0.2	0.2	0.2	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.2
17	0.2	0.2	0.2	0.2	0.3	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	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2
MAX	0.2	0.2	0.2	0.2	0.5	1.0	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 2023 MEAN 0.25 MAX 0.98 MIN 0.25

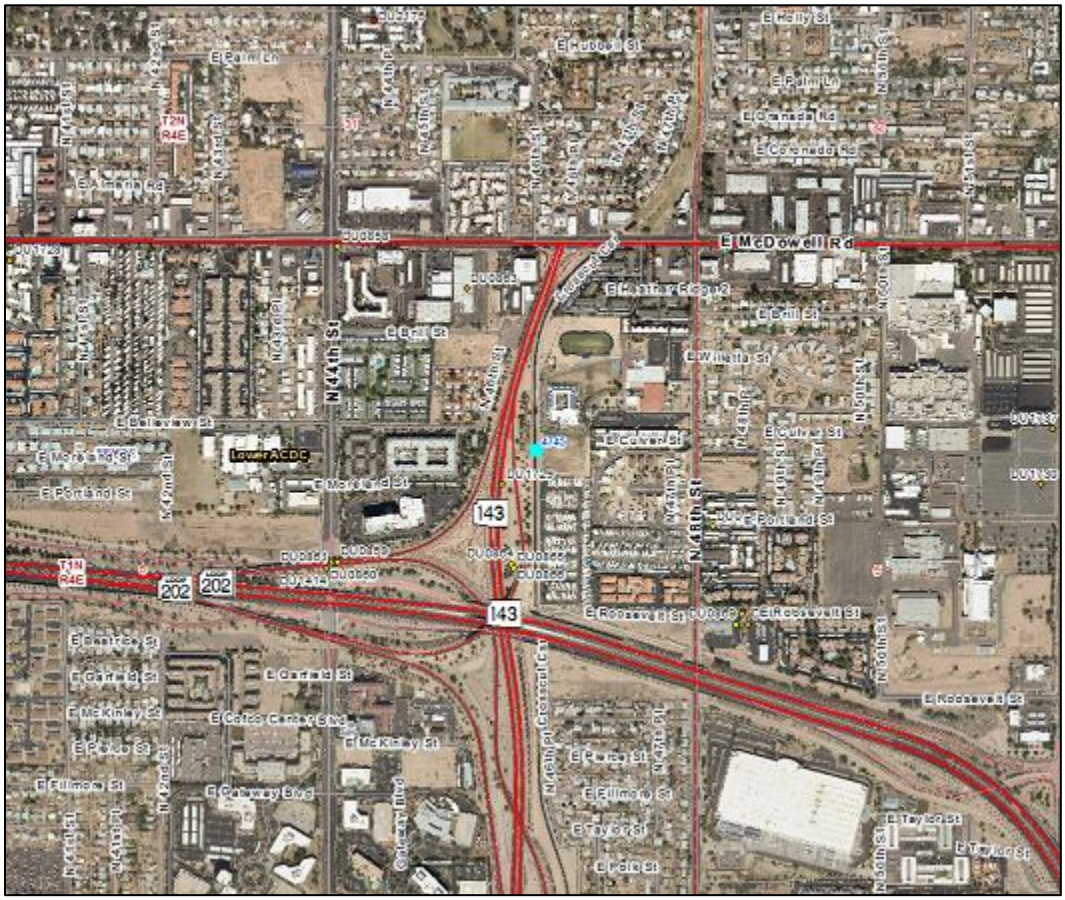
Old Crosscut Canal near McDowell Road, ID #4707

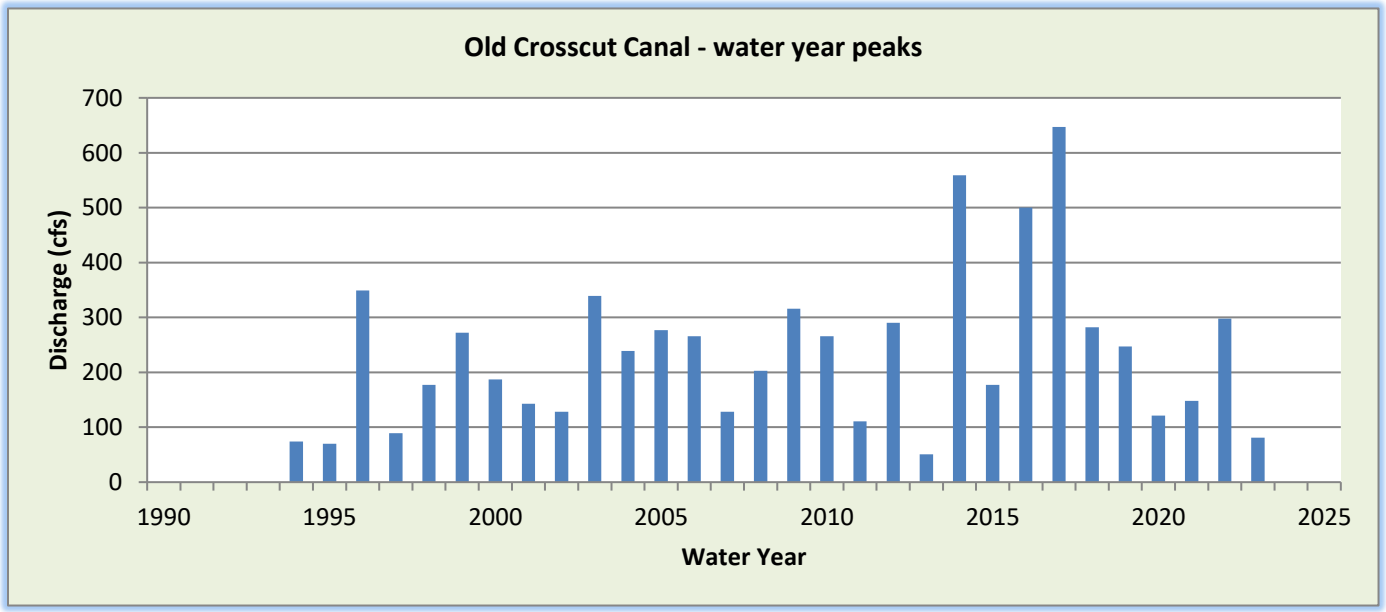


Site Data

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
ARIZONA STATE PLANE	E 680002 | N 895447
USGS QUAD SHEET	Tempe 7.5-Minute
STREAMGAGE INSTALLATION DATE	07/27/1994 – WY 1994
PERIOD OF AVAILABLE DATA RECORD	07/27/1994 – Current
LENGTH OF AVAILABLE DATA RECORD	29.18 Years | 10,658 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.20 feet Gage Height
STAFF GAGES	1
CREST STAGE GAGES	2
ZERO GAGE HEIGHT ELEVATION	1,167.013 feet NAVD88
POINT OF ZERO FLOW	-0.28 feet Gage Height
EXTREME FOR PERIOD OF RECORD	647 cfs | 3.15 feet | 08/03/2017

Location Map (*watershed not available*)

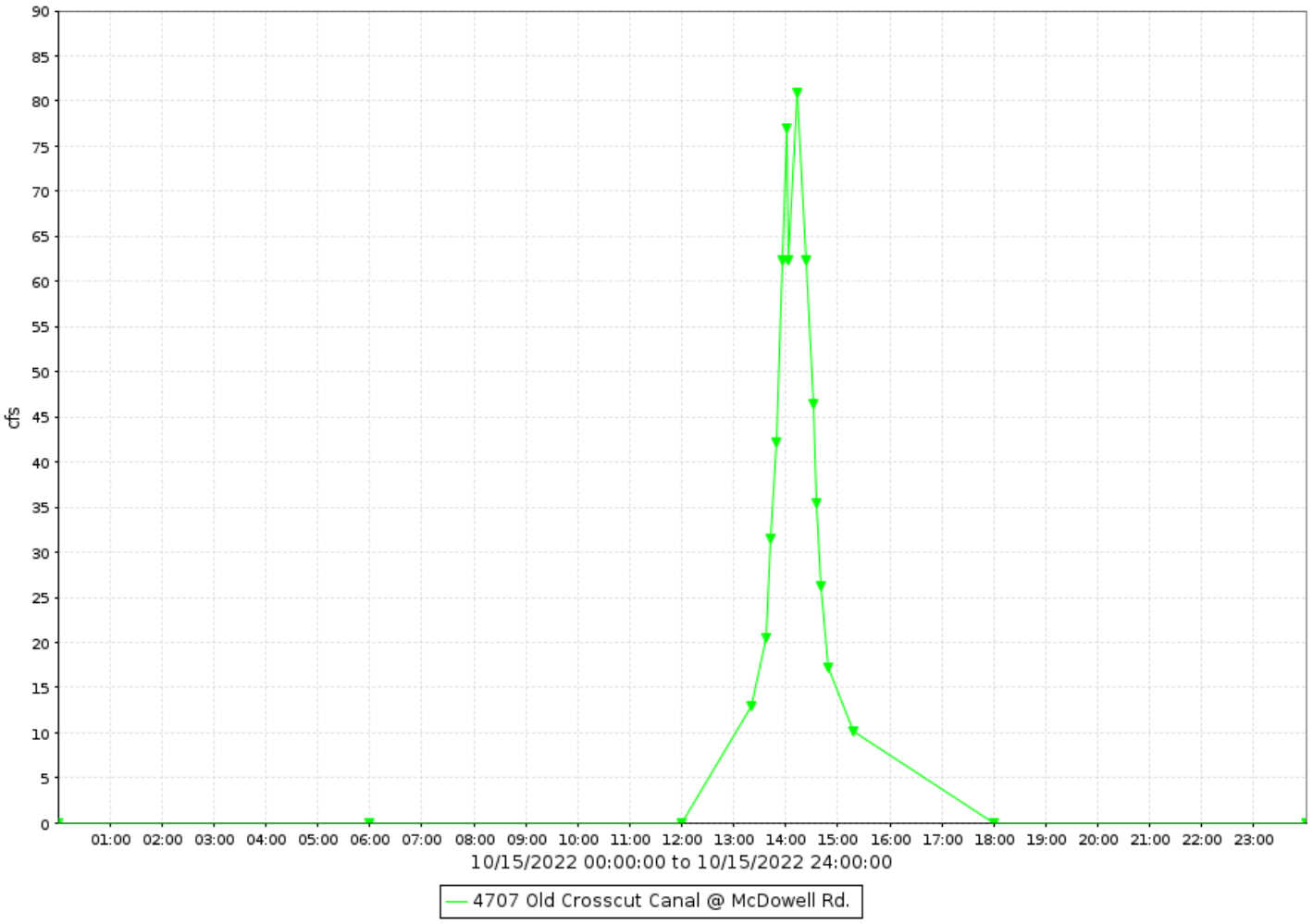




WY2023 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
10/15	1.07	81
12/4	0.57	30
12/28	0.72	42
1/1	0.74	44
1/7	0.59	32
2/14	0.49	14
3/1	0.89	59
3/15	0.92	62
9/12	0.74	44

Hydrograph of peak WY 2023 flow event, 10/15/2022



Old Crosscut Canal near McDowell Road, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				6		6						
2				4								
3			4									
4			7									
5												
6												
7				10								
8				4								
9												
10												
11												
12												2
13												2
14					1							
15	4					4						
16												
17				2								
18												
19												
20												
21												
22												
23												
24												
25												
26												
27			2									
28			10									
29					---							
30					---							
31		---			---		---		---			---
TOTAL	4	0	22	27	1	10	0	0	0	0	0	4
MEAN	0	0	1	1	0	0	0	0	0	0	0	0
MAX	81	0	42	44	24	62	0	0	0	0	0	44
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	8	0	44	53	3	19	0	0	0	0	0	9

WTR YR 2023 TOTAL 68 MEAN 0 MAX 81 MIN 0 AC_FT 136

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

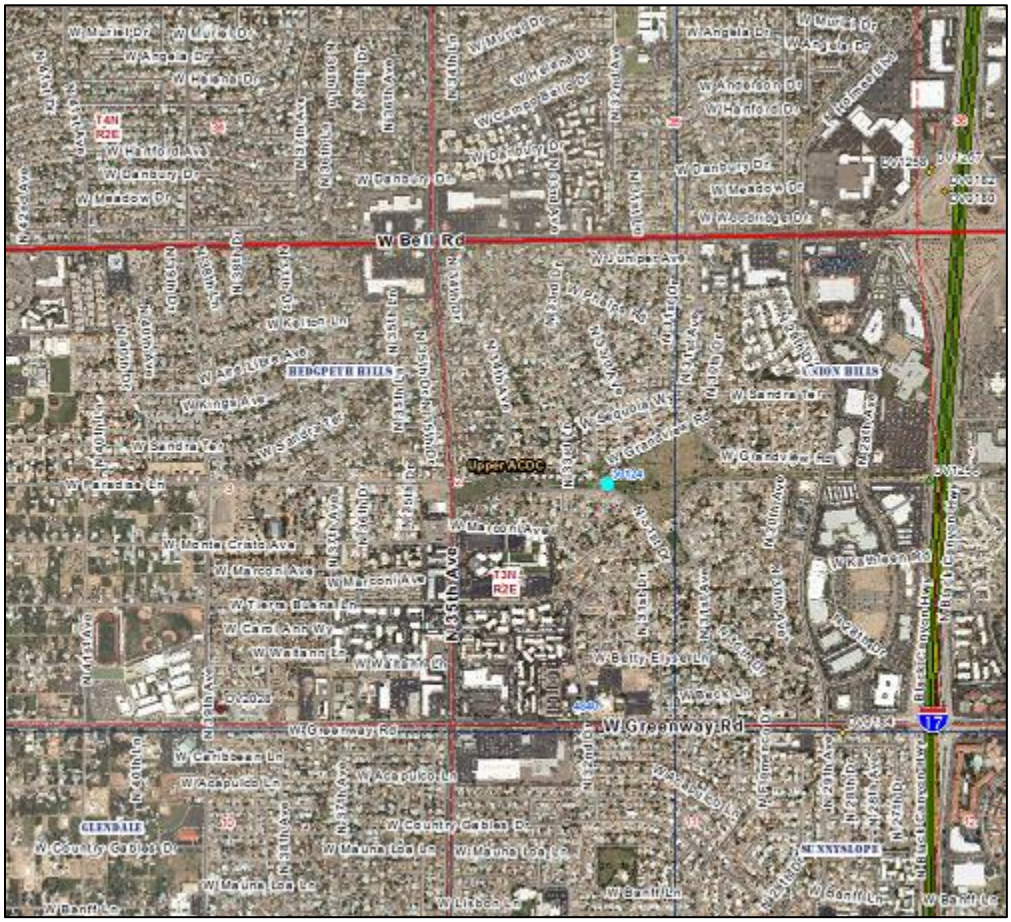
Paradise Lane at 33rd Drive Basin, ID #12407

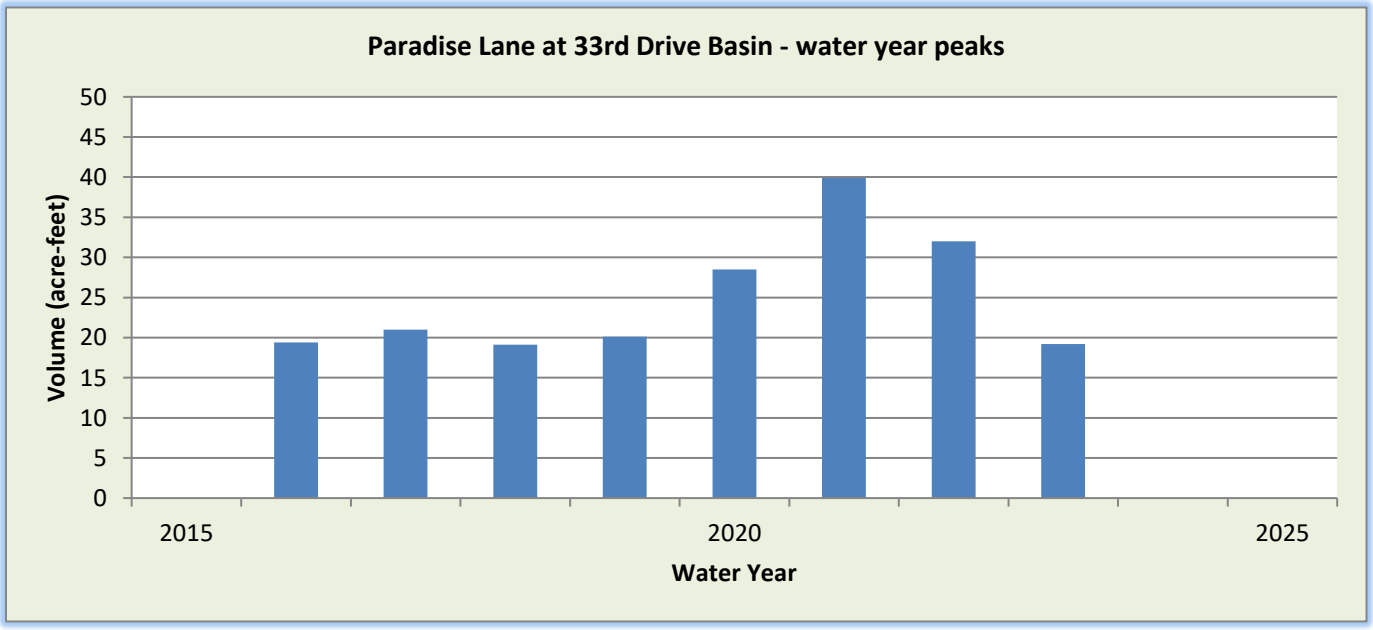


Site Data

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
ARIZONA STATE PLANE	E 635640 | N 957700
USGS QUAD SHEET	Hedgpeth Hills 7.5-Minute
STREAMGAGE INSTALLATION DATE	10/08/2015 – WY 2016
PERIOD OF AVAILABLE DATA RECORD	10/08/2015 – Current
LENGTH OF AVAILABLE DATA RECORD	7.98 Years | 2,915 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.23 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,308.227 feet NAVD88
POINT OF ZERO FLOW	0.00 feet Gage Height
SPILLWAY CREST ELEVATION	4.75 feet Gage Height
TOP OF BASIN ELEVATION	4.9 feet Gage Height

Location Map

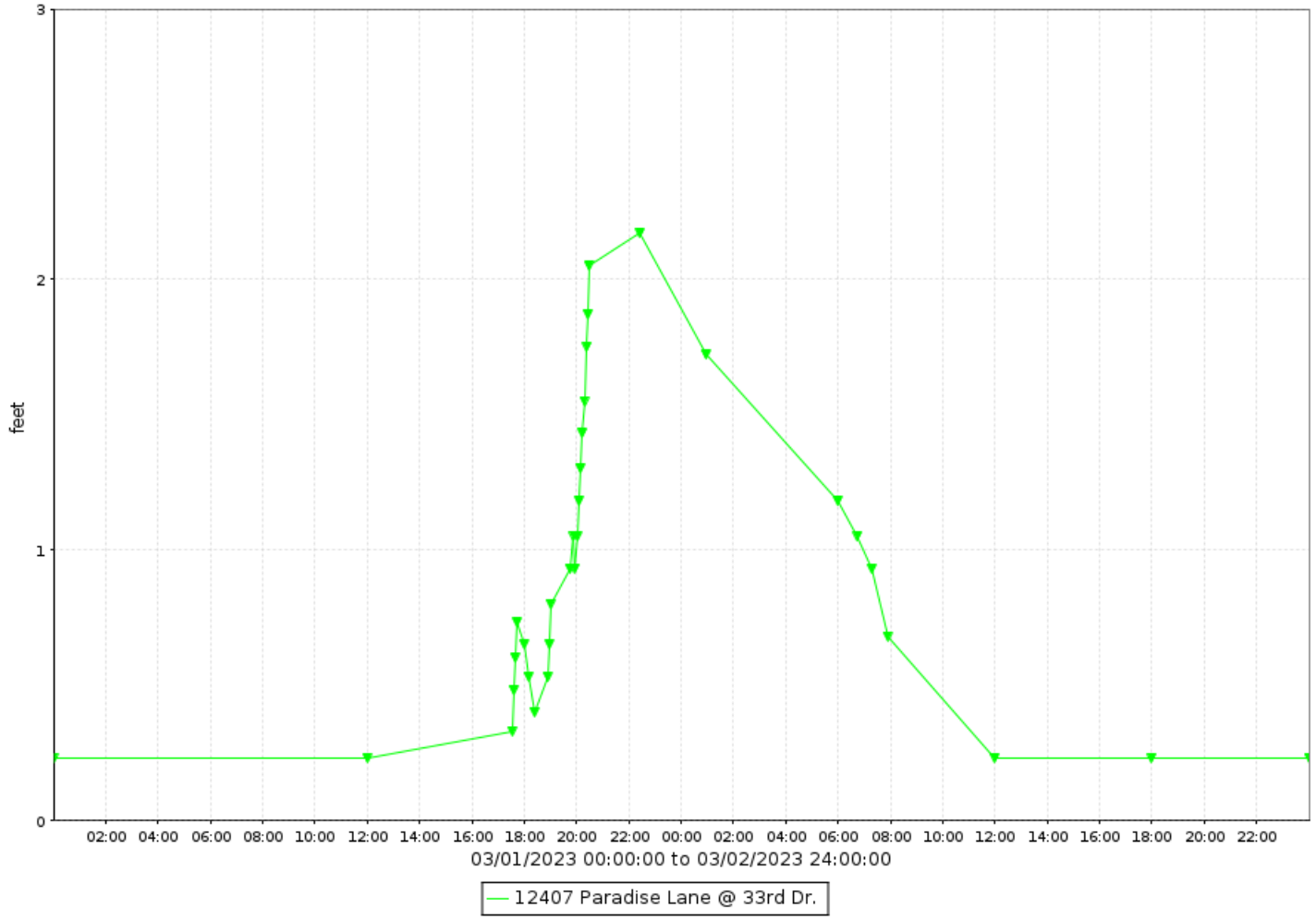




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
10/16	1.55	12.3	14.6
12/4	1.05	7.7	9.1
12/28	1.80	15.0	17.8
1/1	1.62	13.1	15.5
1/17	1.40	10.9	12.9
2/14	1.55	12.3	14.6
3/1	2.17	19.2	22.8
3/15	1.05	7.7	9.1
8/15	0.98	7.0	8.3
9/12	0.73	5.0	5.9

Hydrograph of peak 2023 impoundment event, 03/01/2023



Paradise Lane at 33rd Drive Basin, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

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

WTR YR 2023 TOTAL 60 MEAN 0 MAX 20 MIN 0 AC_FT 119

Paradise Lane at 33rd Drive Basin, volume data

Volume, in acre-feet, Water Year October 2022 to September 2023

Daily Mean Values

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

WTR YR 2023 MEAN 0 MAX 19 MIN 0

Paradise Lane at 33rd Drive, stage data

Depth, in feet, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.2	0.2	0.2	0.8	0.2	0.6	0.2	0.2	0.2	0.2	0.2	0.2
2	0.2	0.2	0.2	0.4	0.2	0.8	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	0.4	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	0.3
13	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3
14	0.2	0.2	0.2	0.2	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.2
15	0.3	0.2	0.2	0.2	0.4	0.3	0.2	0.2	0.2	0.2	0.3	0.2
16	0.3	0.2	0.2	0.7	0.2	0.3	0.2	0.2	0.2	0.2	0.3	0.2
17	0.2	0.2	0.2	0.4	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	0.3	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	0.7	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
29	0.2	0.2	0.2	0.2	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2
30	0.2	0.2	0.2	0.2	---	0.2	0.2	0.2	0.2	0.2	0.2	0.2
31	0.2	---	0.2	0.2	---	0.2	---	0.2	---	0.2	0.2	---
MEAN	0.2	0.2	0.2	0.3	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2
MAX	1.6	0.2	1.8	1.6	1.6	2.2	0.2	0.2	0.2	0.2	1.0	0.7
MIN	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2

WTR YR 2023 MEAN 0.24 MAX 2.17 MIN 0.23

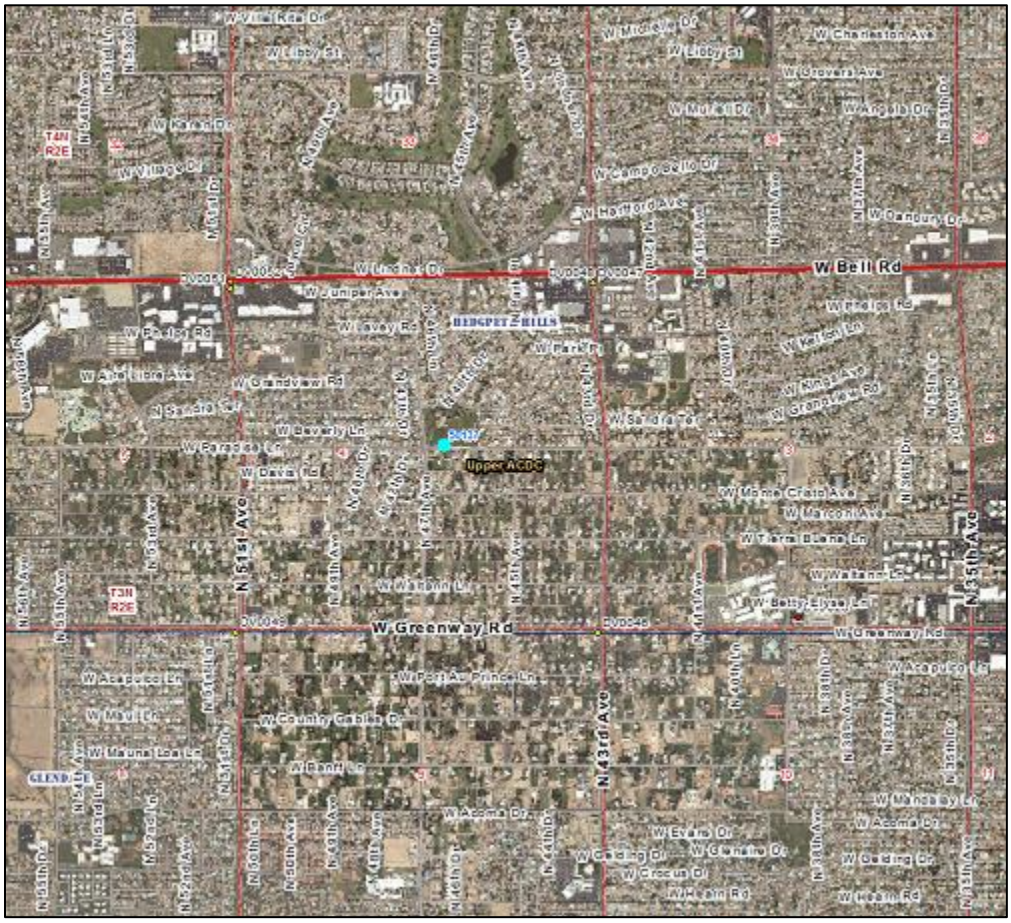
Paradise Lane at 47th Avenue Basin, ID #13707

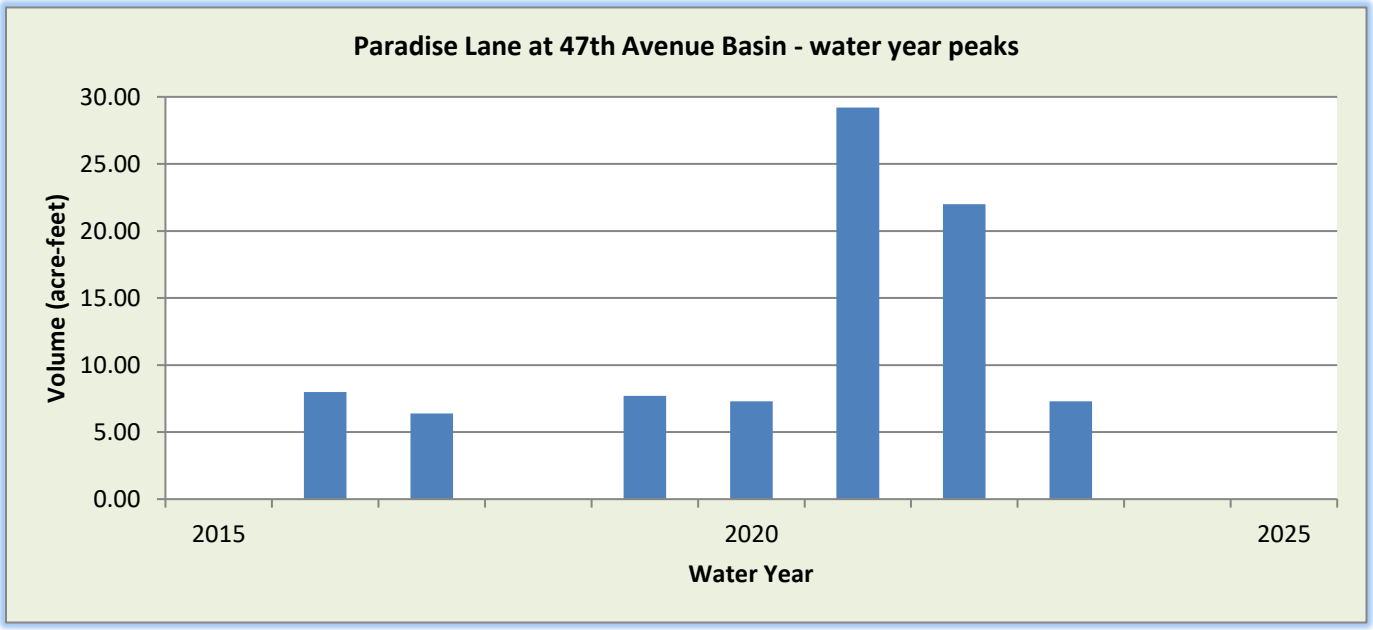


Site Data

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
ARIZONA STATE PLANE	E 626320 | N 957720
USGS QUAD SHEET	Hedgpeth Hills 7.5-Minute
STREAMGAGE INSTALLATION DATE	10/08/2015 – WY 2016
PERIOD OF AVAILABLE DATA RECORD	10/08/2015 – Current
LENGTH OF AVAILABLE DATA RECORD	7.98 Years | 2,915 Days
GAPS IN RECORD	03/21/2017 – 02/21/2018 (337 days)
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.10 feet Gage Height
STAFF GAGES	0
CREST STAGE 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

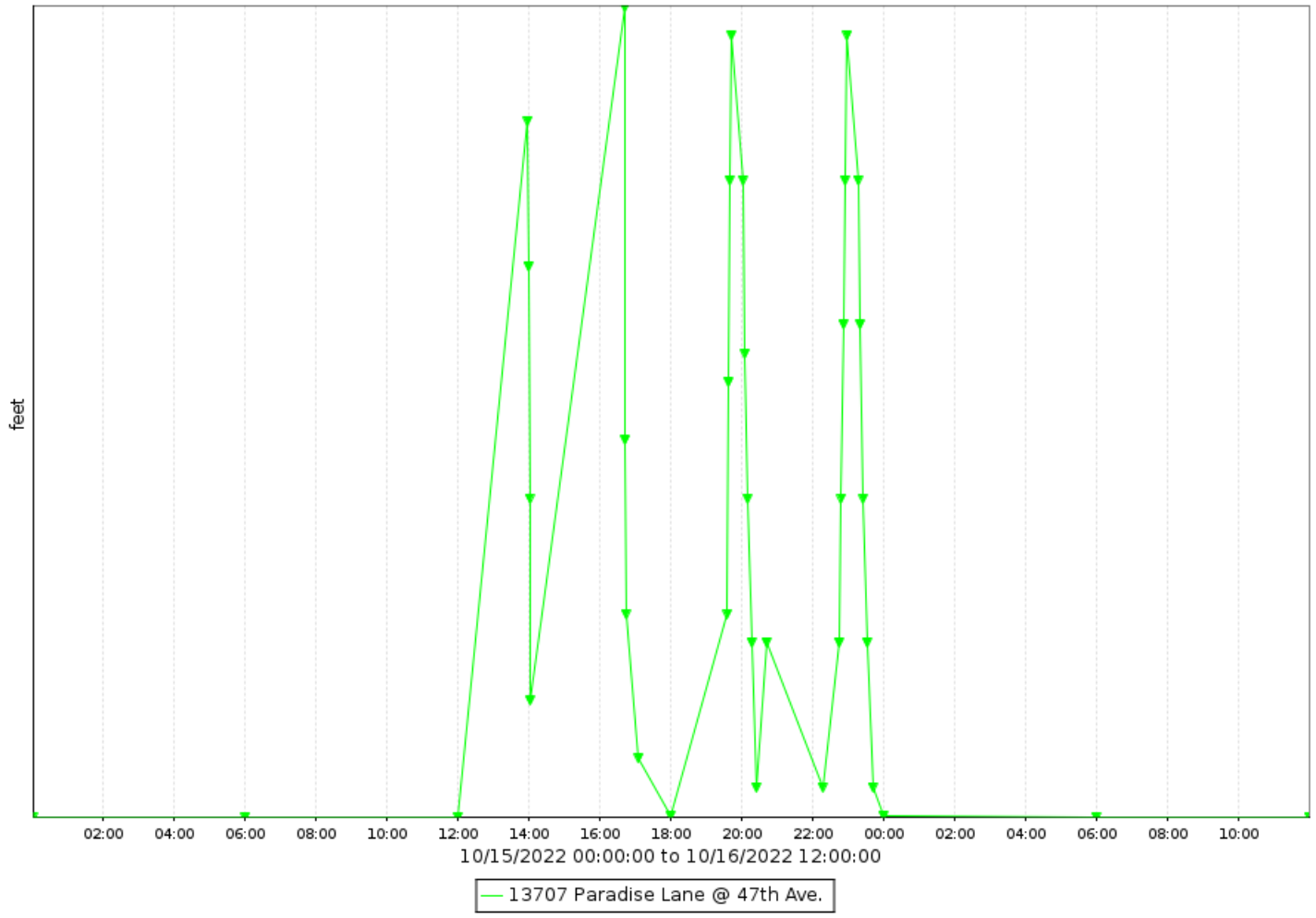




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
10/15	0.80	7.3	17.7
1/1	0.50	4.6	11.1
1/16	0.57	5.3	12.8
3/1	0.62	5.7	13.9

Hydrograph of peak 2023 impoundment event, 10/15/2022



Paradise Lane at 47th Avenue Basin, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

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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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 2023 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

NOTE: There is currently no discharge rating at this location.

Paradise Lane at 47th Avenue Basin, volume data

Volume, in acre-feet, Water Year October 2022 to September 2023

Daily Mean Values

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

WTR YR 2023 MEAN 0 MAX 7 MIN 0

Paradise Lane at 47th Avenue Basin, stage data

Depth, in feet, Water Year October 2022 to September 2023

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	0.2	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	0.2	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	0.8	0.1	0.3	0.6	0.5	0.6	0.1	0.3	0.1	0.1	0.4	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 2023 MEAN 0.10 MAX 0.80 MIN 0.10

Pecos Sediment Basin, ID #70007

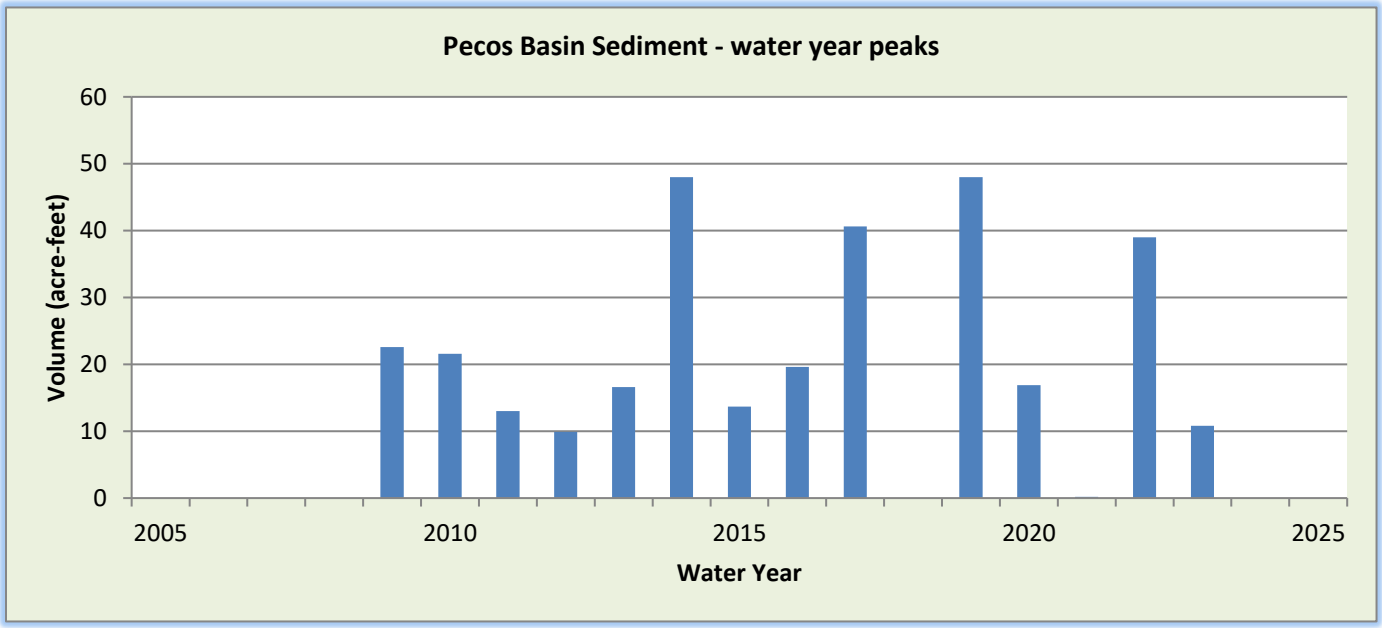


Site Data

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
ARIZONA STATE PLANE	E 681411 | N 834493
USGS QUAD SHEET	Guadalupe 7.5-minute
STREAMGAGE INSTALLATION DATE	01/06/2009 – WY 2009
PERIOD OF AVAILABLE DATA RECORD	01/06/2009 – Current
LENGTH OF AVAILABLE DATA RECORD	14.73 Years | 5,381 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	1.38 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,141.835 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 BASIN ELEVATION	22.0 feet Gage Height

Location Map

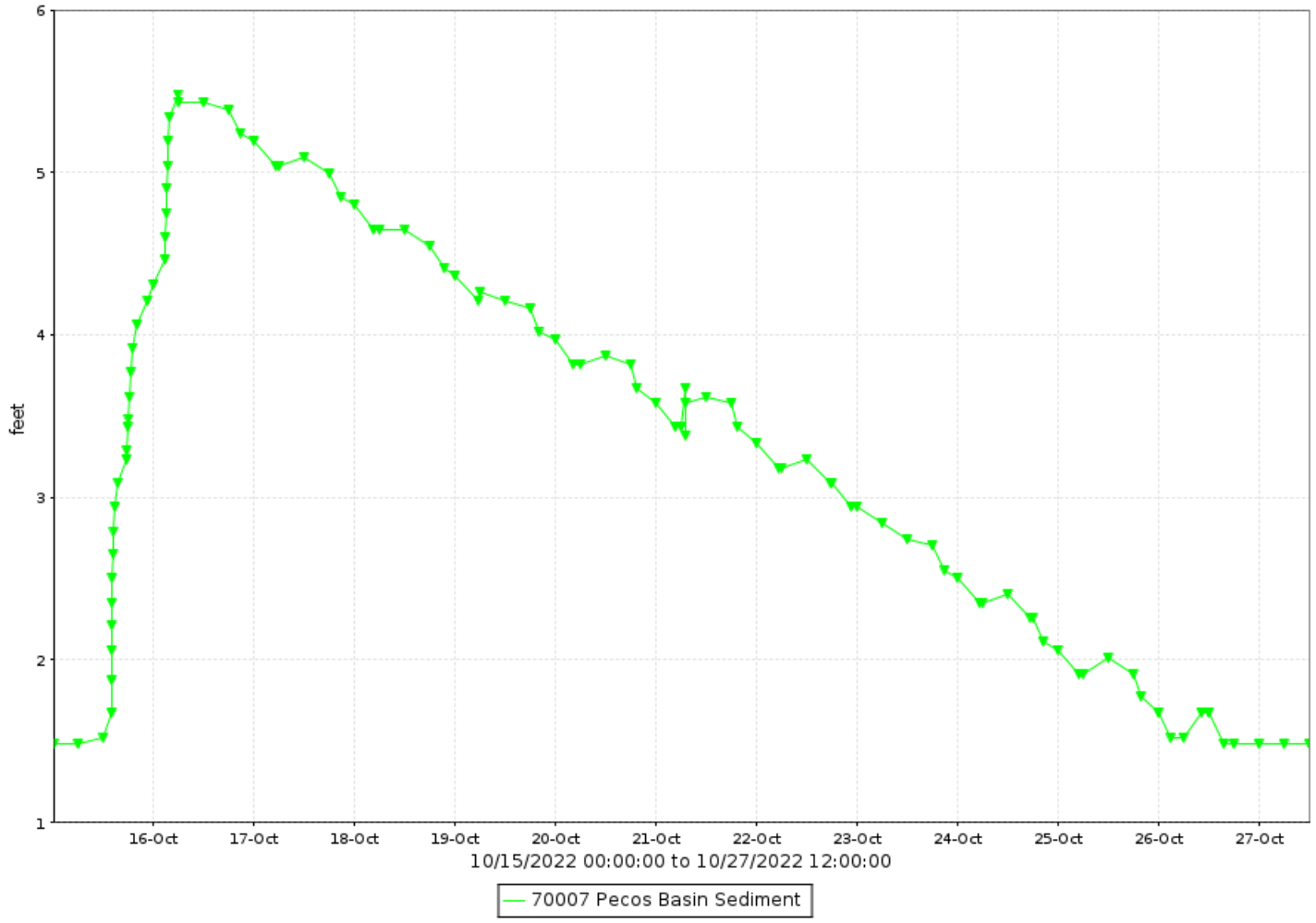




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
10/16	5.48	10.8	23.6
12/4	3.87	7.3	16.1
1/2	3.48	6.6	14.4
3/2	2.40	4.4	9.7
3/16	3.48	6.6	15.0
8/8	2.11	3.8	8.3

Hydrograph of peak 2023 impoundment event, 10/16/2022



Pecos Sediment Basin, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

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 2023 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

Pecos Sediment Basin, volume data

Volume, in acre-feet, Water Year October 2022 to September 2023

Daily Mean Values

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

WTR YR 2023 MEAN 1 MAX 11 MIN 0

Pecos Sediment Basin, stage data

Depth, in feet, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.5	1.5	1.5	2.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
2	1.5	1.5	1.5	3.4	1.5	2.4	1.5	1.5	1.5	1.5	1.5	1.5
3	1.5	1.5	1.6	3.2	1.5	2.3	1.5	1.5	1.5	1.5	1.5	0.0
4	1.5	1.5	3.5	2.9	1.5	2.1	1.5	1.5	1.5	1.5	1.5	1.5
5	1.5	1.5	3.7	2.6	1.5	2.0	1.5	1.5	1.5	1.5	1.5	1.5
6	1.5	1.5	3.4	2.4	1.5	1.8	1.5	1.5	1.5	1.5	1.5	1.5
7	1.5	1.5	3.2	2.1	1.5	1.6	1.5	1.5	1.5	1.5	1.5	1.5
8	1.5	1.5	2.9	1.9	1.5	1.5	1.5	1.5	1.5	1.5	2.0	1.5
9	1.5	1.5	2.6	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2.0	1.5
10	1.5	1.5	2.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.9	1.5
11	1.5	1.5	2.1	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.9	1.5
12	1.5	1.5	2.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.7	1.5
13	1.5	1.5	1.8	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	2.4	1.5	1.5	1.5	1.5	1.6	1.5	1.5	1.5	1.5	1.5	1.5
16	5.2	1.5	1.5	1.5	1.5	3.5	1.5	1.5	1.5	1.5	1.5	1.5
17	5.1	1.5	1.5	1.5	1.5	3.4	1.5	1.5	1.5	1.5	1.5	1.5
18	4.6	1.5	1.5	1.5	1.5	3.1	1.5	1.5	1.5	1.5	1.5	1.5
19	4.2	1.5	1.5	1.5	1.5	2.8	1.5	1.5	1.5	1.5	1.5	1.5
20	3.8	1.5	1.5	1.5	1.5	2.6	1.5	1.5	1.5	1.5	1.5	1.5
21	3.5	1.5	1.5	1.5	1.5	2.4	1.5	1.5	1.5	1.5	1.5	1.5
22	3.2	1.5	1.5	1.5	1.5	2.1	1.5	1.5	1.5	1.5	1.5	1.5
23	2.8	1.5	1.5	1.5	1.5	1.8	1.5	1.5	1.5	1.5	1.5	1.5
24	2.3	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
25	1.9	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
26	1.6	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	1.9	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
29	1.5	1.5	2.2	1.5	---	1.5	1.5	1.5	1.5	1.5	1.5	1.5
30	1.5	1.5	2.3	1.5	---	1.5	1.5	1.5	1.5	1.5	1.5	1.5
31	1.5	---	2.2	1.5	---	1.5	---	1.5	---	1.5	1.5	---
MEAN	2.2	1.5	2.0	1.8	1.5	1.9	1.5	1.5	1.5	1.5	1.5	1.5
MAX	5.5	1.5	3.9	3.5	1.5	3.6	1.5	1.5	1.5	1.5	2.3	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 2023 MEAN 1.65 MAX 5.48 MIN 1.48

Pecos Basin Pool, ID #70017

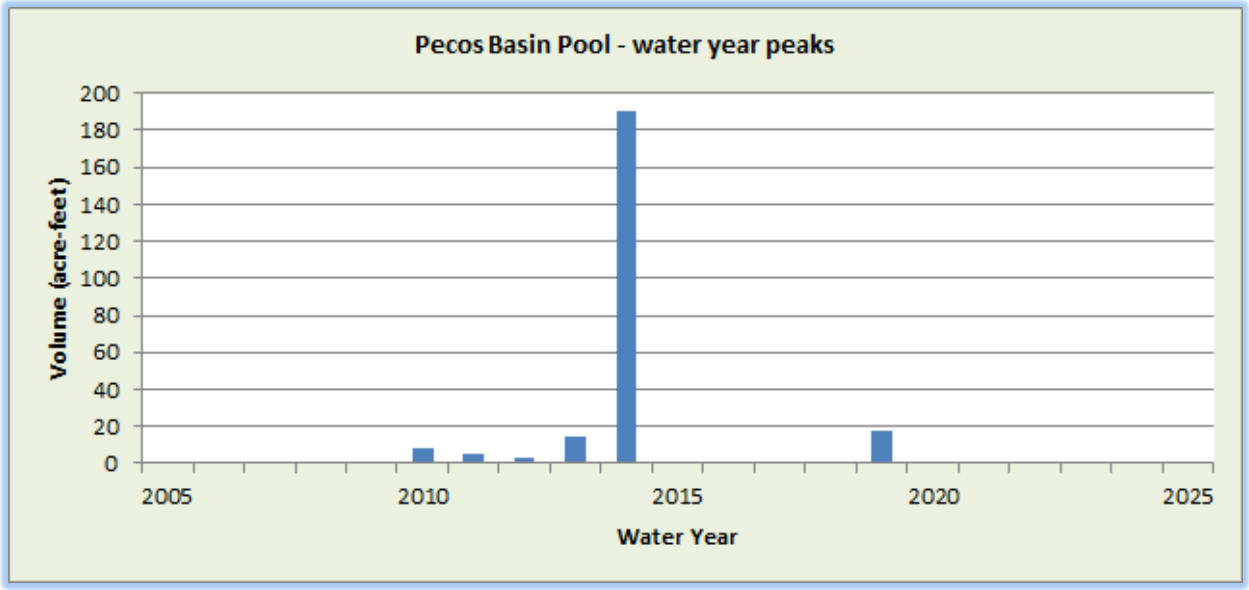


Site Data

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
ARIZONA STATE PLANE	E 681411 | N 834493
USGS QUAD SHEET	Guadalupe 7.5-minute
STREAMGAGE INSTALLATION DATE	01/06/2009 – WY 2009
PERIOD OF AVAILABLE DATA RECORD	01/06/2009 – Current
LENGTH OF AVAILABLE DATA RECORD	14.73 Years | 5,381 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	6.05 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,141.835 feet NAVD88
POINT OF ZERO FLOW (GATED OUTLET, ABOUT 1600 FT DS)	1.75 feet Gage Height
SEDIMENT BASIN WEIR ELEVATION	18.0 feet Gage Height
SPILLWAY CREST ELEVATION	21.0 feet Gage Height
TOP OF DAM ELEVATION	22.0 feet Gage Height

Location Map





WY2023 Events

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

Hydrograph of peak 2023 impoundment event,

No impoundments recorded in Water Year 2023.

Pecos Basin Pool, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

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

WTR YR 2023 TOTAL 13 MEAN 0 MAX 51 MIN 0 AC_FT 25

Pecos Basin Pool, volume data

Volume, in acre-feet, Water Year October 2022 to September 2023

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 2023 MEAN 0 MAX 0 MIN 0

Pecos Basin Pool, stage data

Depth, in feet, Water Year October 2022 to September 2023

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	0.0
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	6.1	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	6.1	6.0
MAX	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.2	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 2023 MEAN 6.05 MAX 6.17 MIN 6.05

Pecos North Inflow, ID #69307

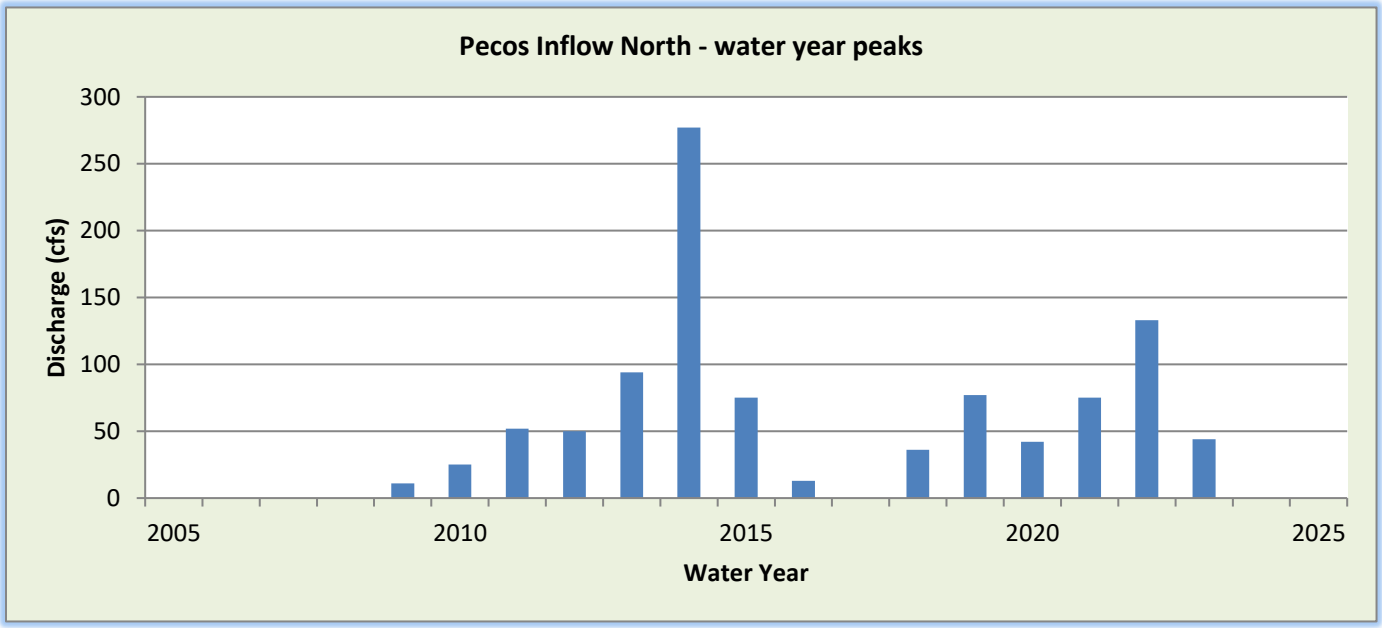


Site Data

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
ARIZONA STATE PLANE	E 680495 | N 835552
USGS QUAD SHEET	Guadalupe 7.5-minute
STREAMGAGE INSTALLATION DATE	01/21/2009 – WY 2009
PERIOD OF AVAILABLE DATA RECORD	01/21/2009 – Current
LENGTH OF AVAILABLE DATA RECORD	14.69 Years | 5,366 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.10 feet Gage Height
STAFF GAGES	None
CREST STAGE GAGES	None
ZERO GAGE HEIGHT ELEVATION	1,173.238 feet NAVD88
POINT OF ZERO FLOW	0.00 feet Gage Height
EXTREME FOR PERIOD OF RECORD	412 cfs | 3.12 feet Gage Height | 09/08/2014

Location Map (watershed not defined)





WY2023 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
10/16	0.70	41
2/14	0.75	44
3/15	0.67	39

Hydrograph of peak WY 2023 flow event, 02/14/2023



Pecos North Inflow, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

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					10							
15	7				10							
16	6											
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	13	0	0	0	20	0	0	0	0	0	7	0
MEAN	0	0	0	0	1	0	0	0	0	0	0	0
MAX	41	0	0	0	44	0	0	0	0	0	14	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	25	0	0	0	40	0	0	0	0	0	14	0

WTR YR 2023 TOTAL 40 MEAN 0 MAX 44 MIN 0 AC_FT 79

Pecos East Inflow, ID #69507

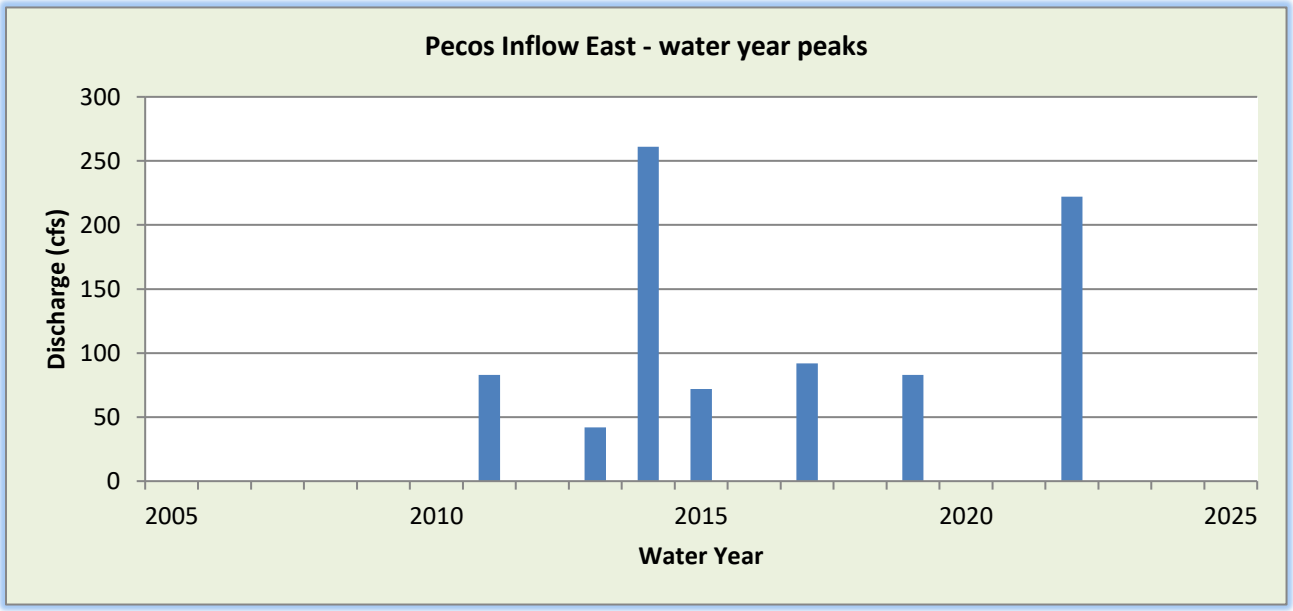


Site Data

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
ARIZONA STATE PLANE	E 681200 | N 8354732
USGS QUAD SHEET	Guadalupe 7.5-minute
STREAMGAGE INSTALLATION DATE	01/21/2009 – WY 2009
PERIOD OF AVAILABLE DATA RECORD	01/21/2009 – Current
LENGTH OF AVAILABLE DATA RECORD	14.69 Years | 5,366 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.73 feet Gage Height
STAFF GAGES	None
CREST STAGE GAGES	None
ZERO GAGE HEIGHT ELEVATION	1,165.922 feet NAVD88
POINT OF ZERO FLOW	0.00 feet Gage Height
EXTREME FOR PERIOD OF RECORD	261 cfs | 1.86 feet gage height | 09/08/2014

Location Map





WY2023 Events

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

Hydrograph of peak WY 2023 flow event

No runoff recorded during Water Year 2023.

Pecos East Inflow, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

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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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 2023 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

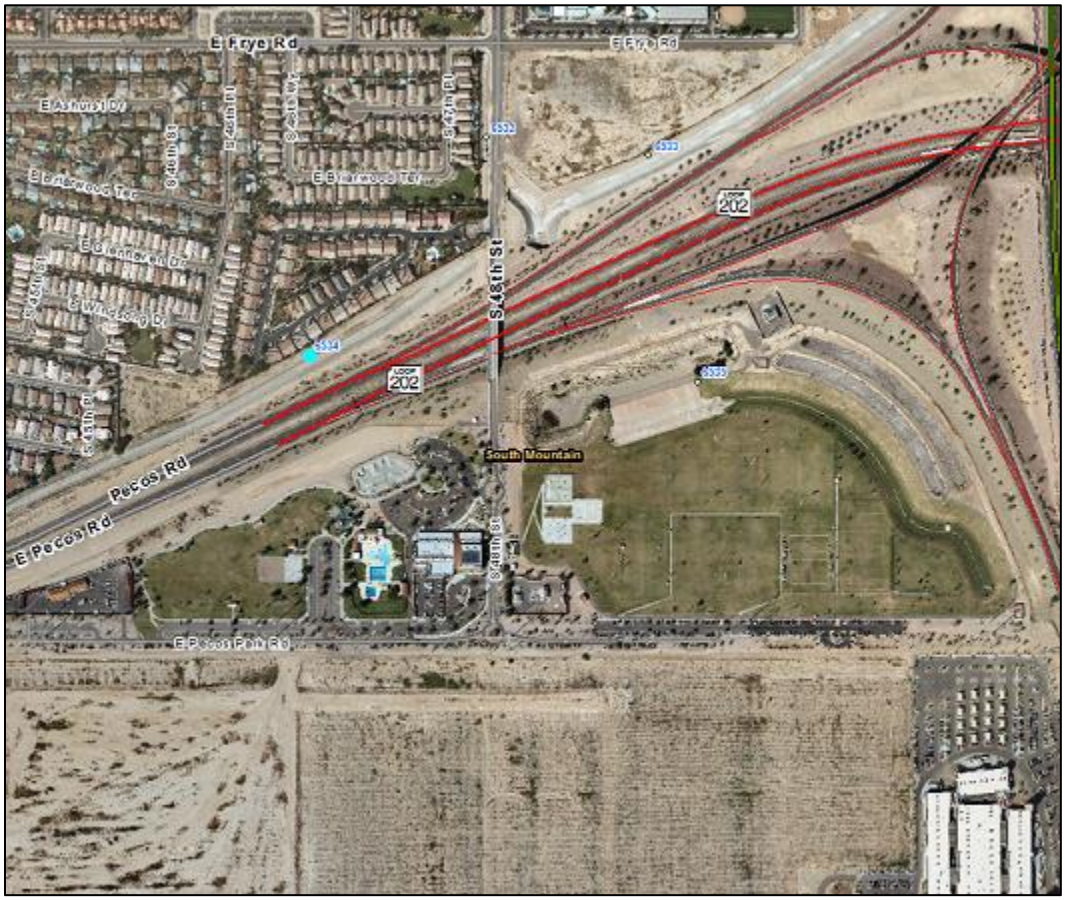
Pecos West Inflow, ID #69807

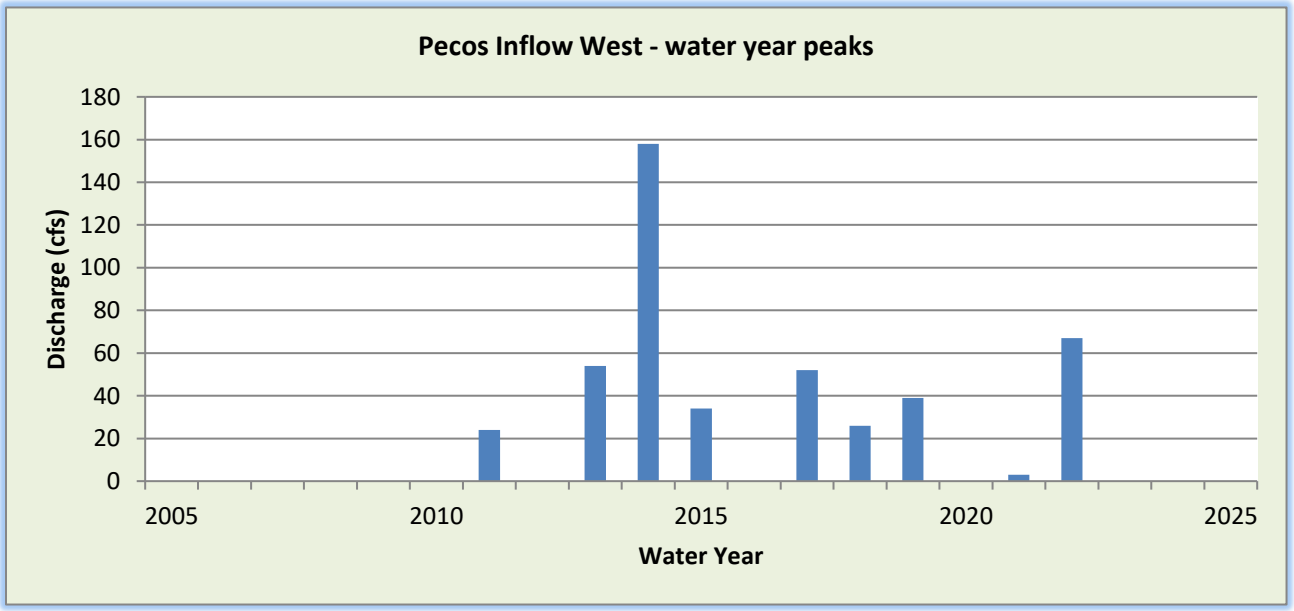


Site Data

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
ARIZONA STATE PLANE	E 679729 | N 834605
USGS QUAD SHEET	Guadalupe 7.5-minute
STREAMGAGE INSTALLATION DATE	01/21/2009 – WY 2009
PERIOD OF AVAILABLE DATA RECORD	01/21/2009 – Current
LENGTH OF AVAILABLE DATA RECORD	14.69 Years | 5,366 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.75 feet Gage Height
STAFF GAGES	None
CREST STAGE GAGES	None
ZERO GAGE HEIGHT ELEVATION	1,162.976 feet NAVD88
POINT OF ZERO FLOW	0.05 feet Gage Height
EXTREME FOR PERIOD OF RECORD	124 cfs | 2.60 feet Gage Height | 09/08/2014

Location Map





WY2023 Events

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

Hydrograph of peak WY 2023 flow event

No runoff recorded during Water Year 2023.

Pecos West Inflow, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

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												
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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 2023 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

Phoenix Dam #2A, ID #8907

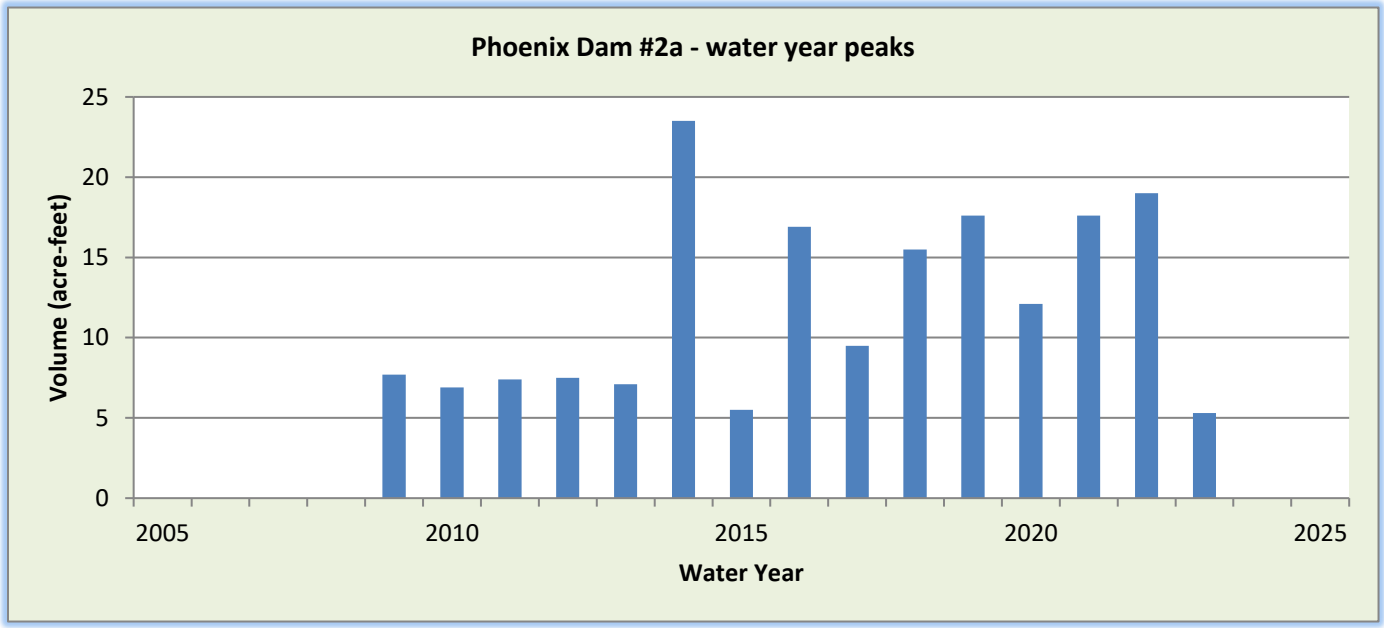


Site Data

LOCATION	On 7th Street south of Thunderbird Road
DRAINAGE AREA	0.47 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
ARIZONA STATE PLANE	E 654947 | N 947202
USGS QUAD SHEET	Sunnyslope 7.5-Minute
STREAMGAGE INSTALLATION DATE	06/29/2009 – WY 2009
PERIOD OF AVAILABLE DATA RECORD	06/29/2009 – Current
LENGTH OF AVAILABLE DATA RECORD	14.26 Years | 5,207 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.00 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	0
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

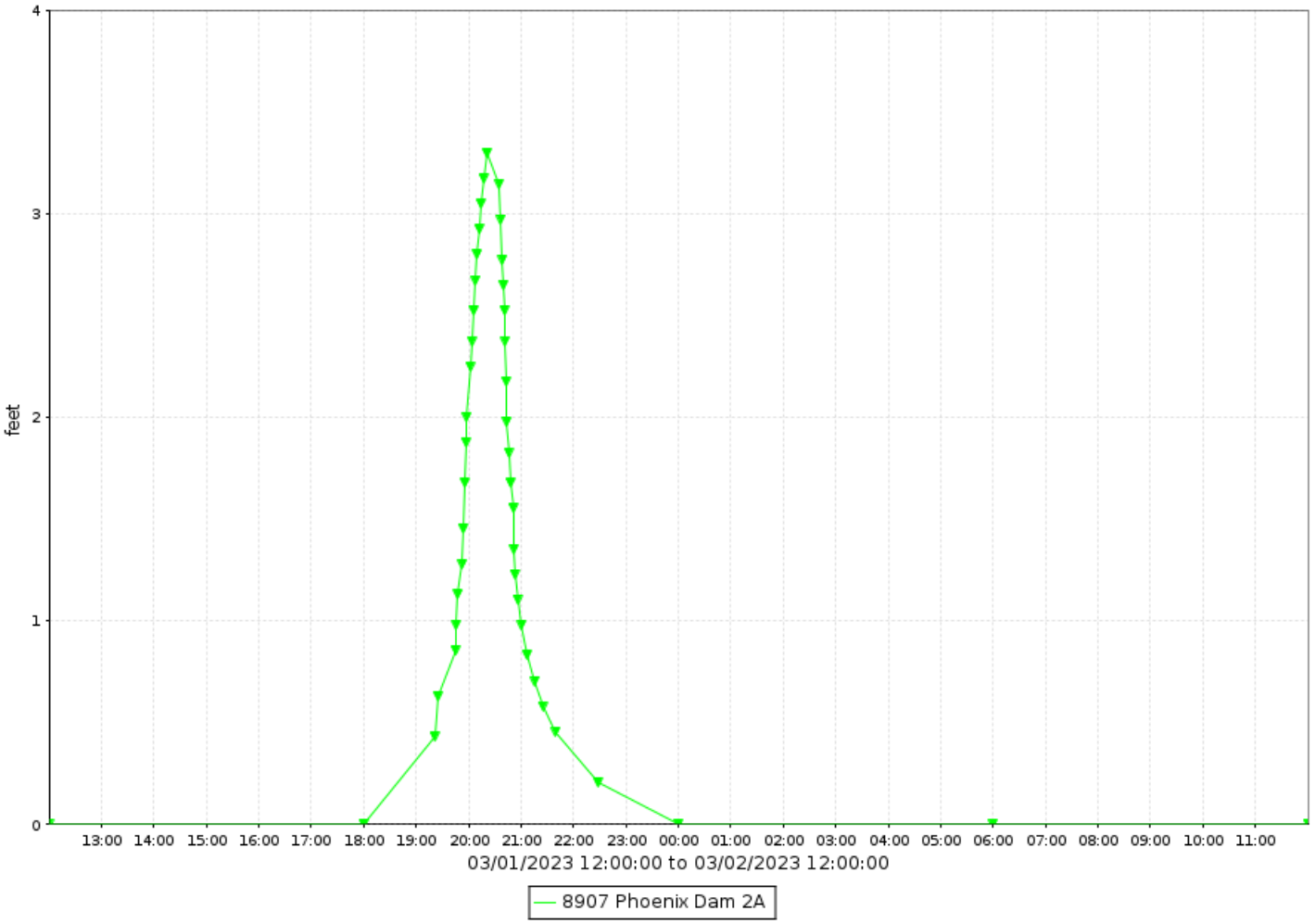




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
10/4	0.93	2.0	3.5
10/5	1.35	3.0	5.0
10/6	1.23	2.7	4.6
10/15	1.97	3.8	6.4
1/1	0.80	1.8	1.1
3/1	3.30	5.3	8.8

Hydrograph of peak 2023 impoundment event, 03/01/2023



Phoenix Dam #2A, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1						1						
2												
3												
4												
5												
6												
7												
8												
9												
10												
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24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	0	0	1	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	6	0	1	0	0	15	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	1	0	0	0	0	0	0

WTR YR 2023 TOTAL 1 MEAN 0 MAX 15 MIN 0 AC_FT 2

Phoenix Dam #2A, volume data

Volume, in acre-feet, Water Year October 2022 to September 2023

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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28												
29					---							
30					---							
31		---			---		---		---			---
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	4	0	1	0	0	5	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 2023 MEAN 0 MAX 5 MIN 0

Phoenix Dam #2A, stage data

Depth, in feet, Water Year October 2022 to September 2023

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	0.2	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	2.0	0.0	0.3	0.0	0.0	3.3	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 2023 MEAN 0.00 MAX 3.30 MIN 0.00

Phoenix Dam #2B, ID #9907

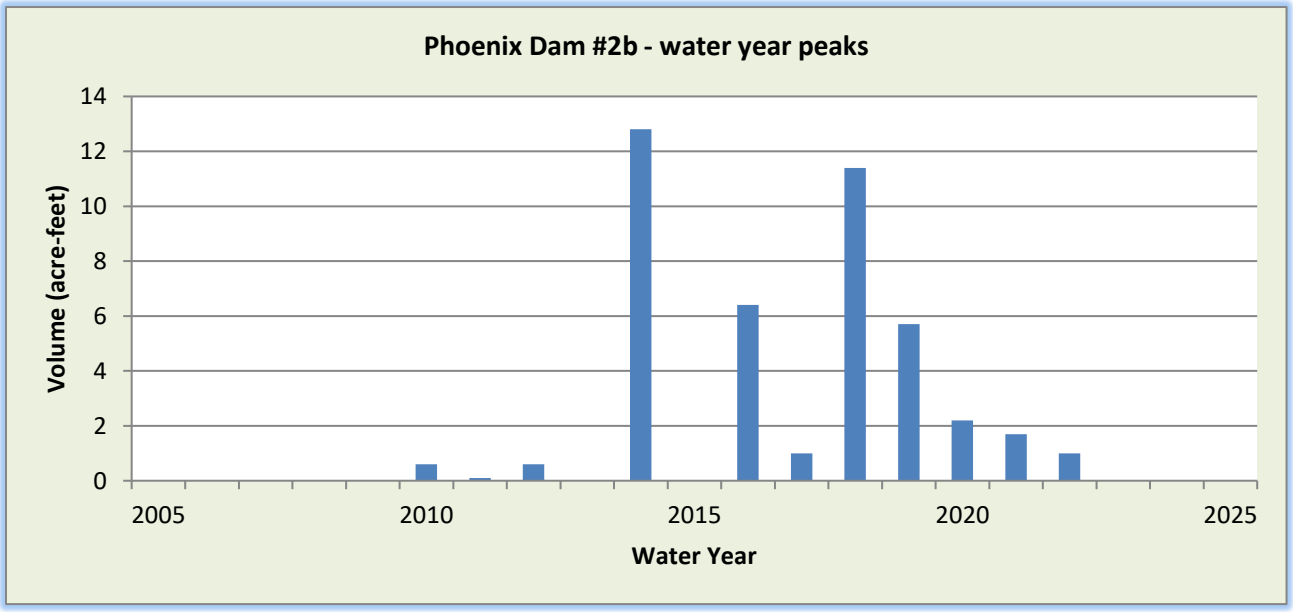


Site Data

LOCATION	On Thunderbird Road east of 7th Street
DRAINAGE AREA	0.48 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
ARIZONA STATE PLANE	E 656947 | N 948279
USGS QUAD SHEET	Sunnyslope 7.5-Minute
STREAMGAGE INSTALLATION DATE	06/30/2009 – WY 2009
PERIOD OF AVAILABLE DATA RECORD	06/30/2009 – Current
LENGTH OF AVAILABLE DATA RECORD	14.25 Years | 5,206 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.00 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	0
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





WY2023 Events

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

Hydrograph of peak WY 2023 flow event

No runoff recorded during Water Year 2023.

Phoenix Dam #2B, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

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												
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29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	0	0	1	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	3	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	1	0	0	0	0	0	0

WTR YR 2023 TOTAL 1 MEAN 0 MAX 3 MIN 0 AC_FT 1

Phoenix Dam #2B, volume data

Volume, in acre-feet, Water Year October 2022 to September 2023

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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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 2023 MEAN 0 MAX 0 MIN 0

Phoenix Dam #2B, stage data

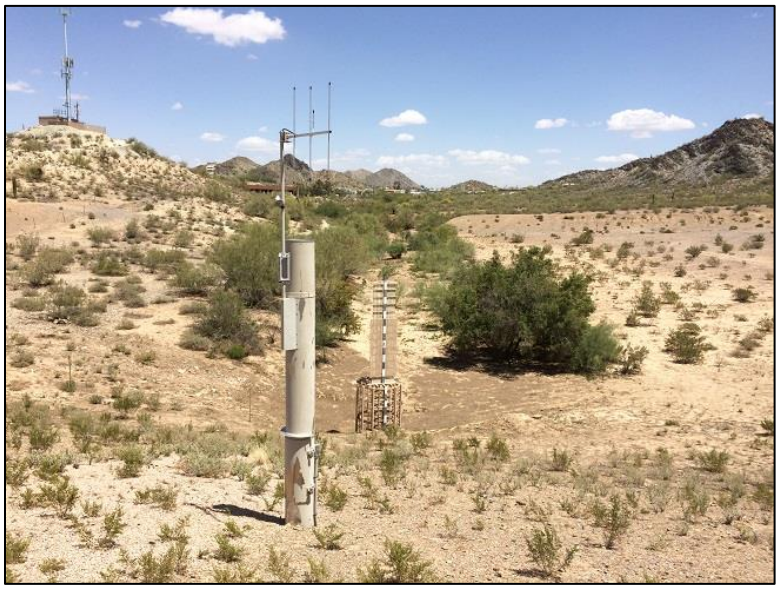
Depth, in feet, Water Year October 2022 to September 2023

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	0.1	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	0.0	0.0	0.0	0.0	0.4	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 2023 MEAN 0.00 MAX 0.44 MIN 0.00

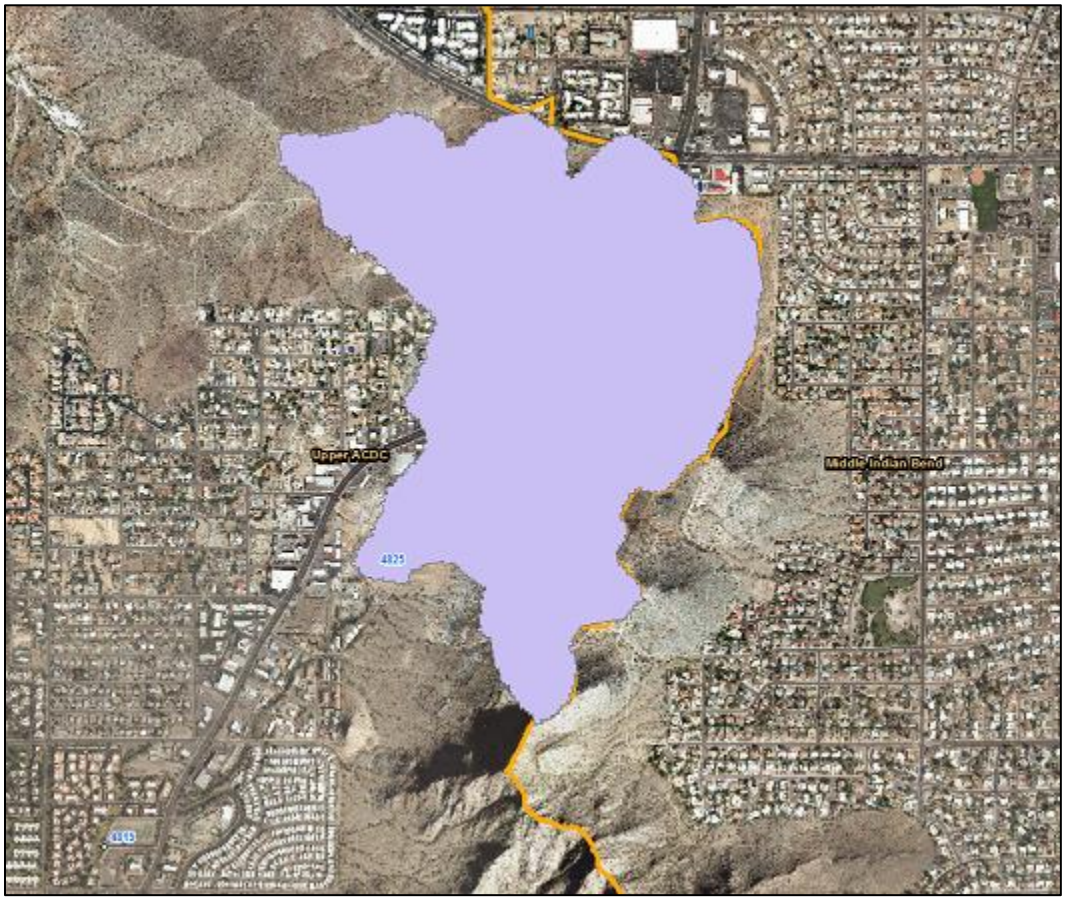
Phoenix Dam #3, ID #11507

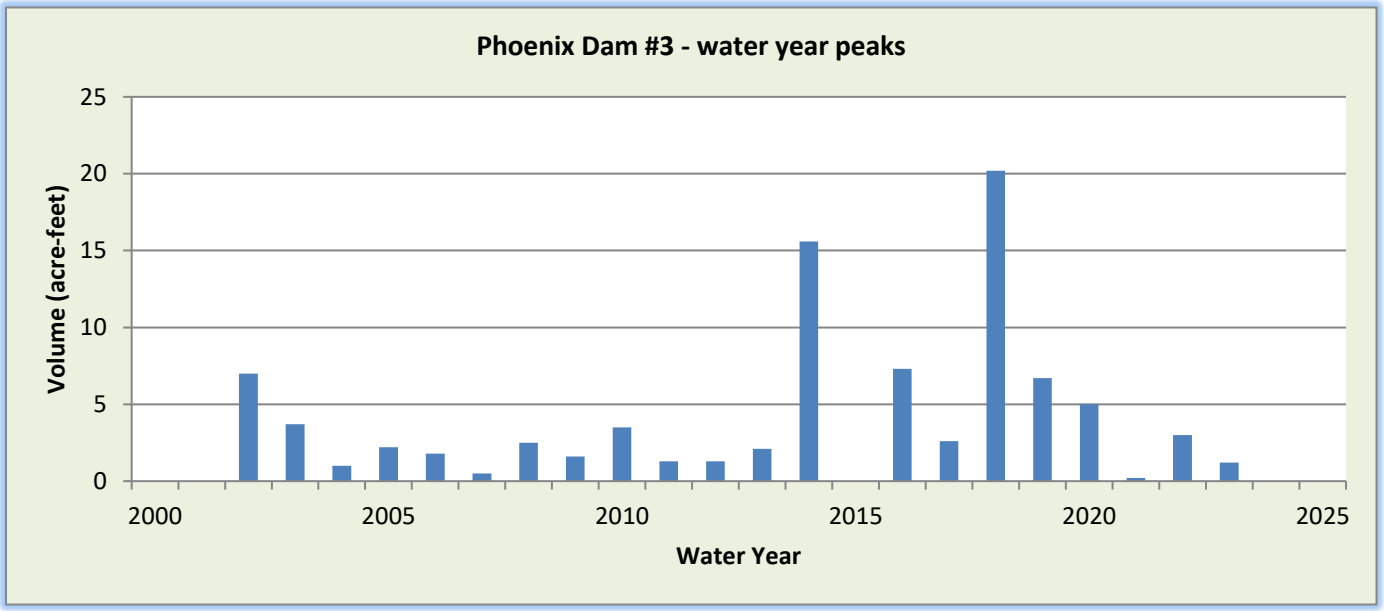


Site Data

LOCATION	In the Sunnyslope area of Phoenix, east of Cave Creek Road
DRAINAGE AREA	0.47 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
ARIZONA STATE PLANE	E 660374 | N 940971
USGS QUAD SHEET	Sunnyslope 7.5-Minute
STREAMGAGE INSTALLATION DATE	12/18/2001 – WY 2002
PERIOD OF AVAILABLE DATA RECORD	12/18/2001 – Current
LENGTH OF AVAILABLE DATA RECORD	21.79 Years | 7,957 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.65 feet Gage Height
STAFF GAGES	1
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,358.001 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

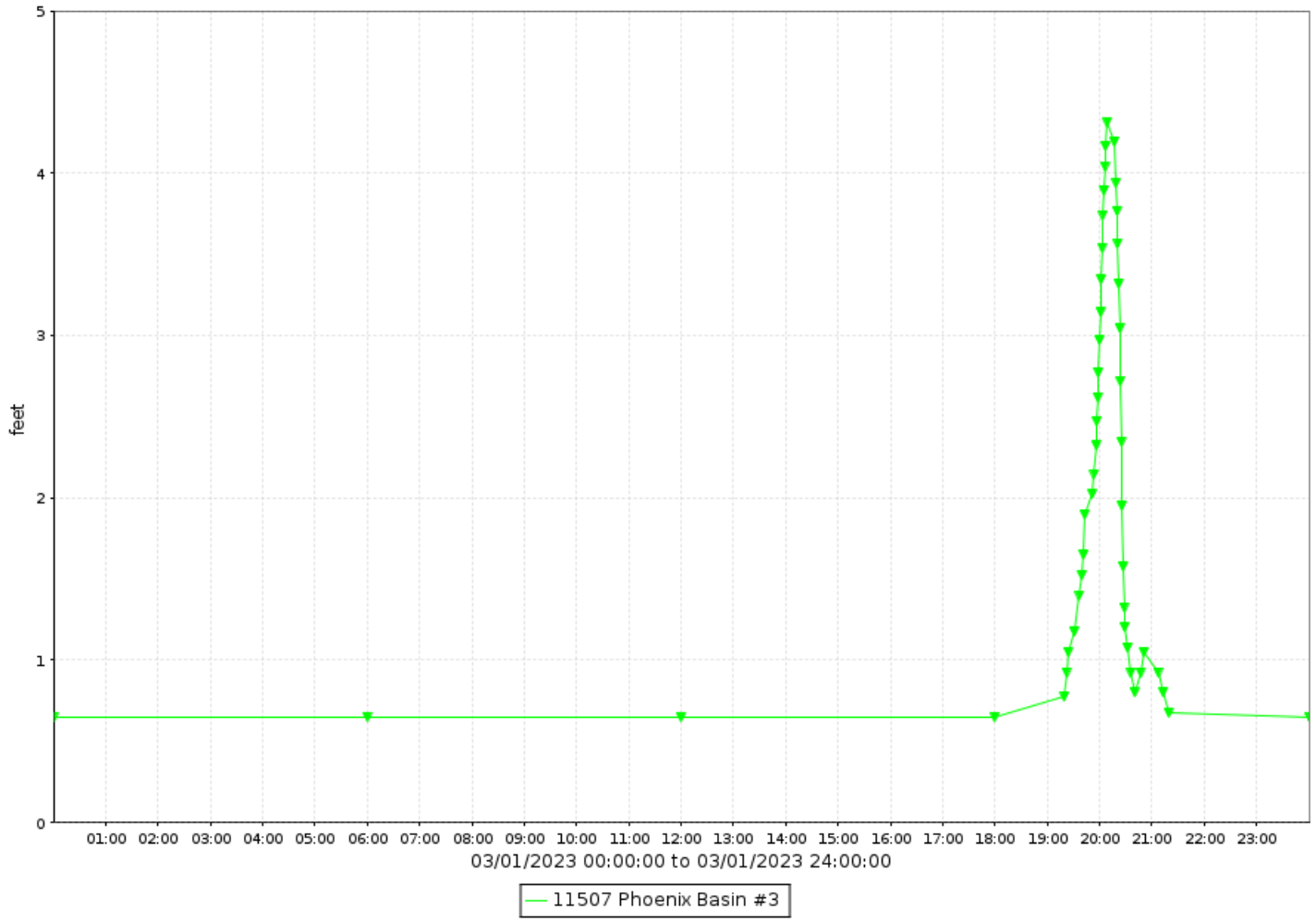




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
3/1	4.31	1.2	2.0
8/31	2.90	0.7	1.1

Hydrograph of peak 2023 impoundment event, 03/01/2023



Phoenix Dam #3, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1						1						
2												
3												
4												
5												
6												
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29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	0	0	1	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	34	0	0	0	0	23	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	2	0	0	0	0	0	0

WTR YR 2023 TOTAL 1 MEAN 0 MAX 34 MIN 0 AC_FT 2

Phoenix Dam #3, volume data

Volume, in acre-feet, Water Year October 2022 to September 2023

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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31		---			---		---		---			---
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	0	0	1	0	0	0	0	1	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 2023 MEAN 0 MAX 1 MIN 0

Phoenix Dam #3, stage data

Depth, in feet, Water Year October 2022 to September 2023

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	0.7
6	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.7	0.7	0.7
8	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
9	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
10	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
11	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
12	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
13	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
14	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
15	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
16	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
17	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
18	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
19	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
20	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
21	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
22	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
23	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
24	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
25	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
26	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
27	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
28	0.7	0.7	0.7	0.7	0.7	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	0.7	0.7
MAX	0.7	0.7	0.7	1.0	0.7	4.3	0.7	0.7	0.7	0.7	2.9	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 2023 MEAN 0.65 MAX 4.31 MIN 0.65

Phoenix Dam #4, ID #12207

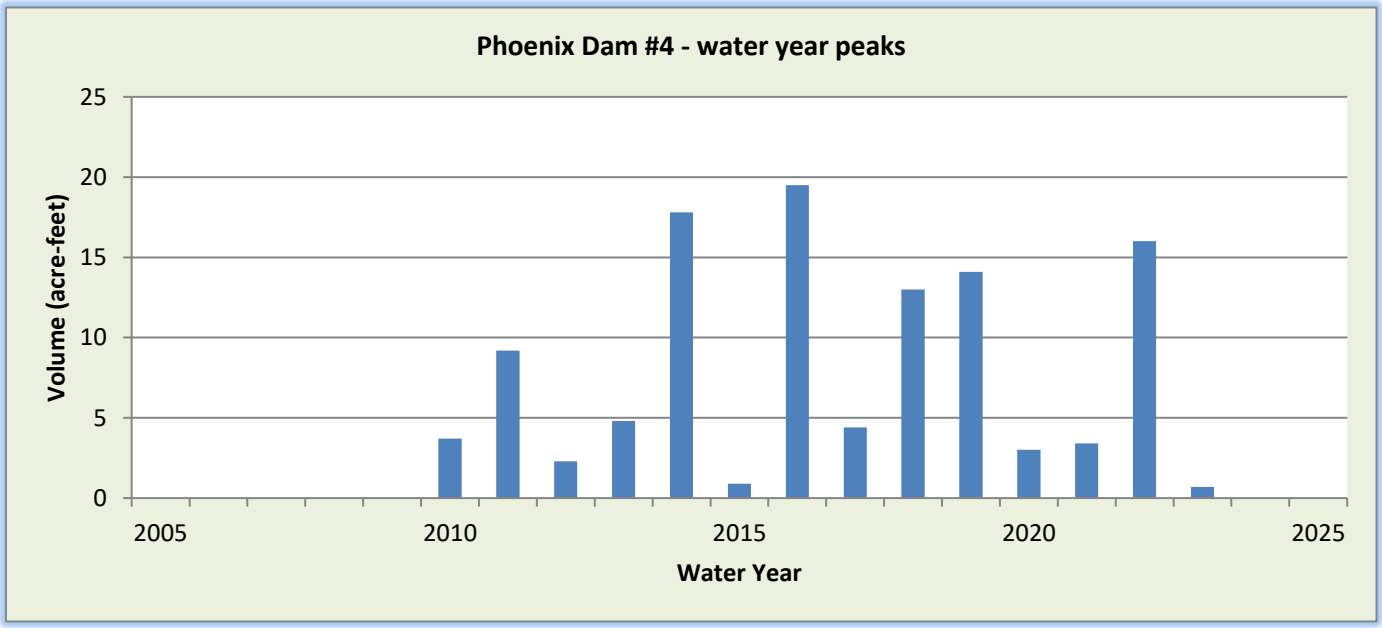


Site Data

LOCATION	East of 18th Street north of Northern Avenue
DRAINAGE AREA	0.48 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
ARIZONA STATE PLANE	E 661609 | N 930798
USGS QUAD SHEET	Sunnyslope 7.5-Minute
STREAMGAGE INSTALLATION DATE	07/06/2009 – WY 2009
PERIOD OF AVAILABLE DATA RECORD	07/06/2009 – Current
LENGTH OF AVAILABLE DATA RECORD	14.24 Years | 5,200 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.00 feet Gage Height
STAFF GAGES	0
CREST STAGE 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

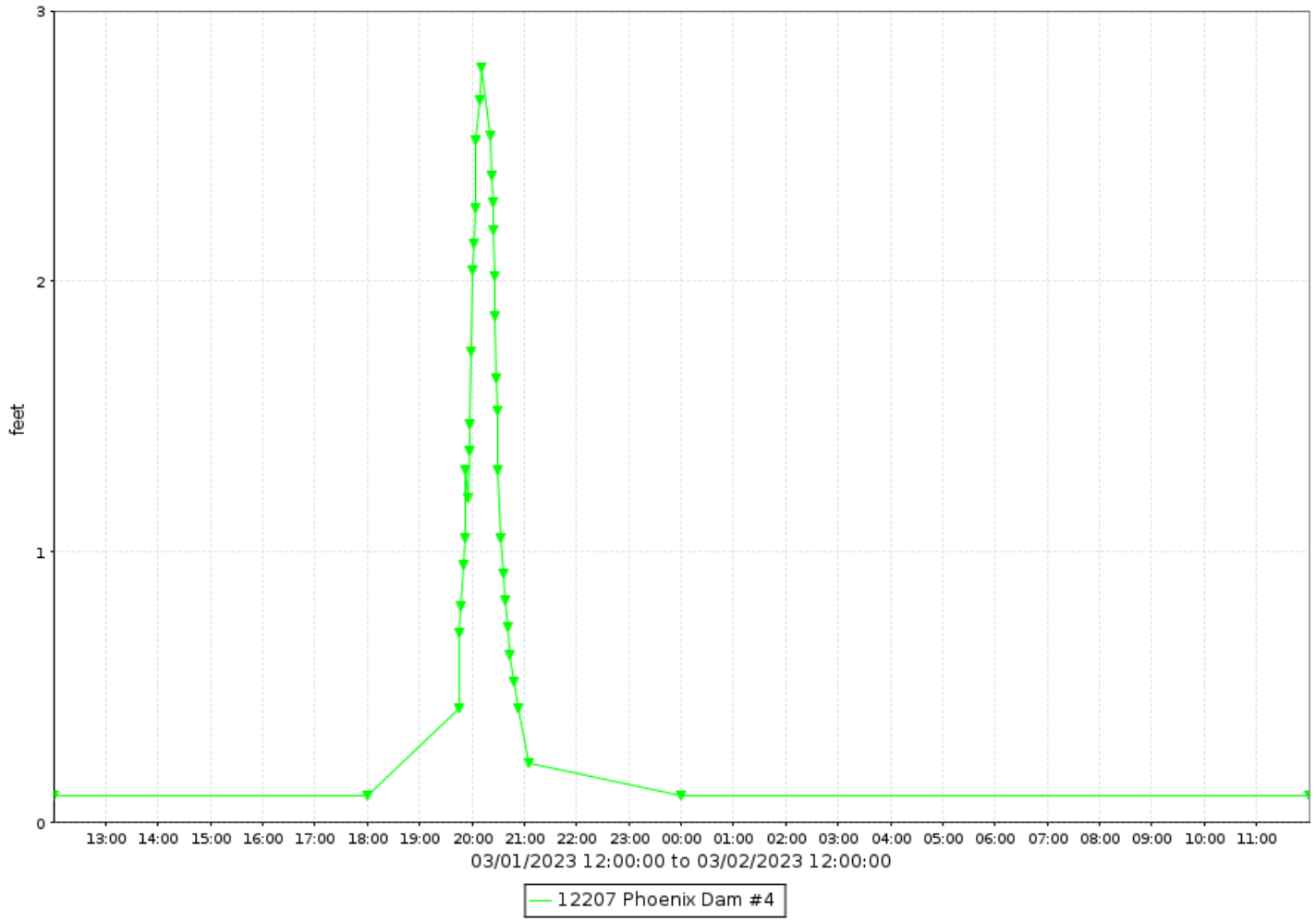




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
10/15	2.12	0.5	1.3
1/1	0.75	0.1	0.4
3/1	2.79	0.7	1.8

Hydrograph of peak 2023 impoundment event, 03/01/2023



Phoenix Dam #4, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

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												
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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	12	0	0	2	0	14	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	1	0	0	0	0	0	0

WTR YR 2023 TOTAL 1 MEAN 0 MAX 14 MIN 0 AC_FT 1

Phoenix Dam #4, volume data

Volume, in acre-feet, Water Year October 2022 to September 2023

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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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	1	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 2023 MEAN 0 MAX 1 MIN 0

Phoenix Dam #4, stage data

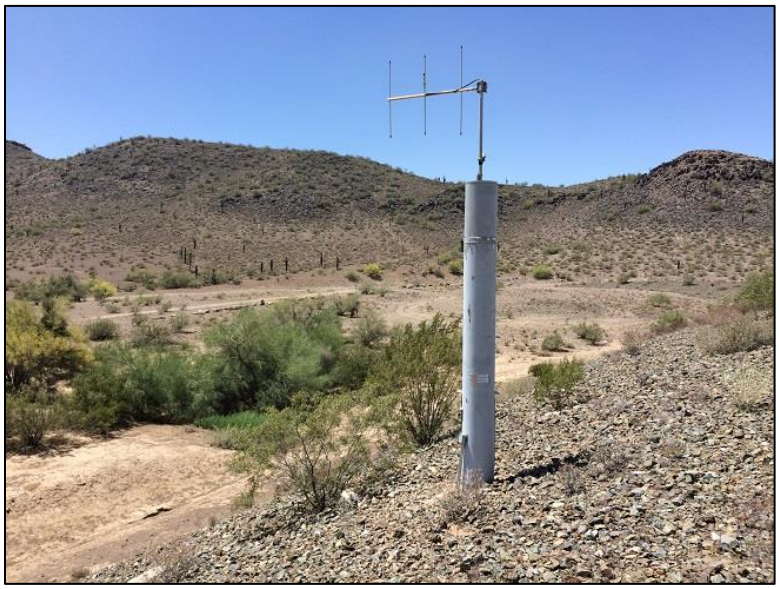
Depth, in feet, Water Year October 2022 to September 2023

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	0.2	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	2.1	0.1	0.1	0.8	0.1	2.8	0.1	0.1	0.1	0.1	0.5	0.1
MIN	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

WTR YR 2023 MEAN 0.10 MAX 2.79 MIN 0.10

Phoenix Dam #7, ID #13307

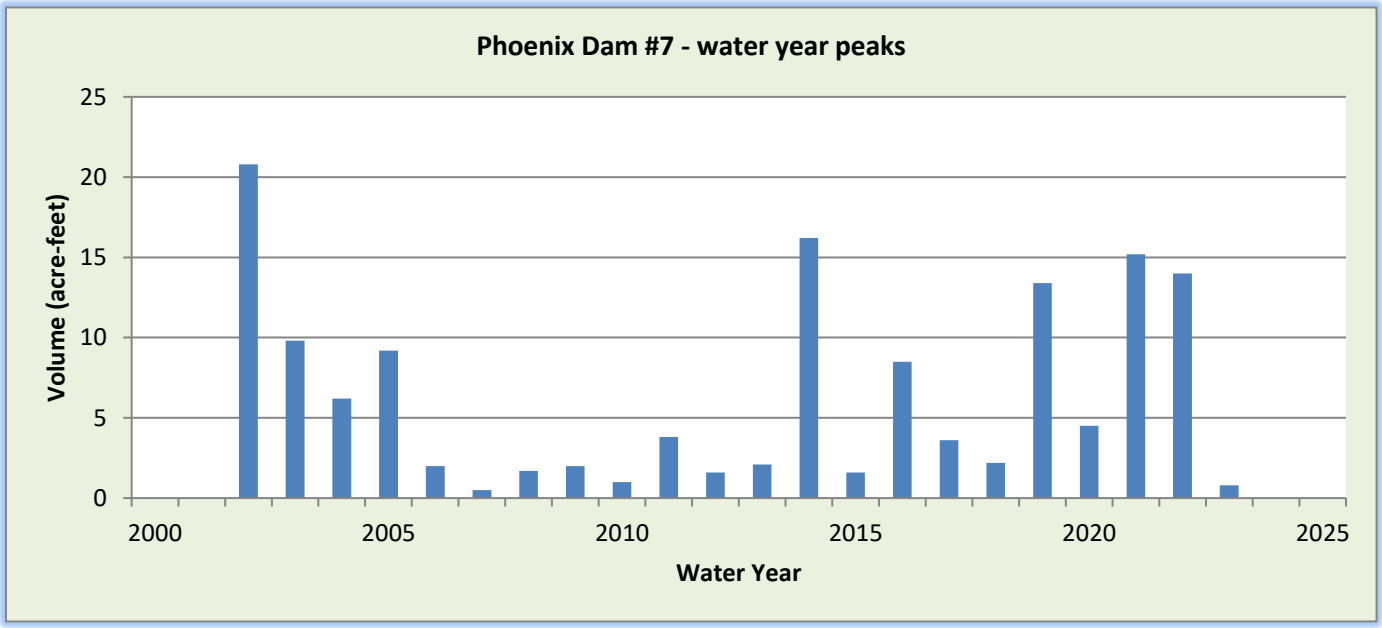


Site Data

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
ARIZONA STATE PLANE	E 652520 | N 946342
USGS QUAD SHEET	Sunnyslope 7.5-Minute
STREAMGAGE INSTALLATION DATE	12/19/2001 – WY 2002
PERIOD OF AVAILABLE DATA RECORD	12/19/2001 – Current
LENGTH OF AVAILABLE DATA RECORD	21.78 Years | 7,956 Days
GAPS IN RECORD	01/30/2009 – 05/11/2009
STAGE GAGE TYPE	None
STAGE GAGE ELEVATION	0.12 feet Gage Height
STAFF GAGES	1
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,371.340 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

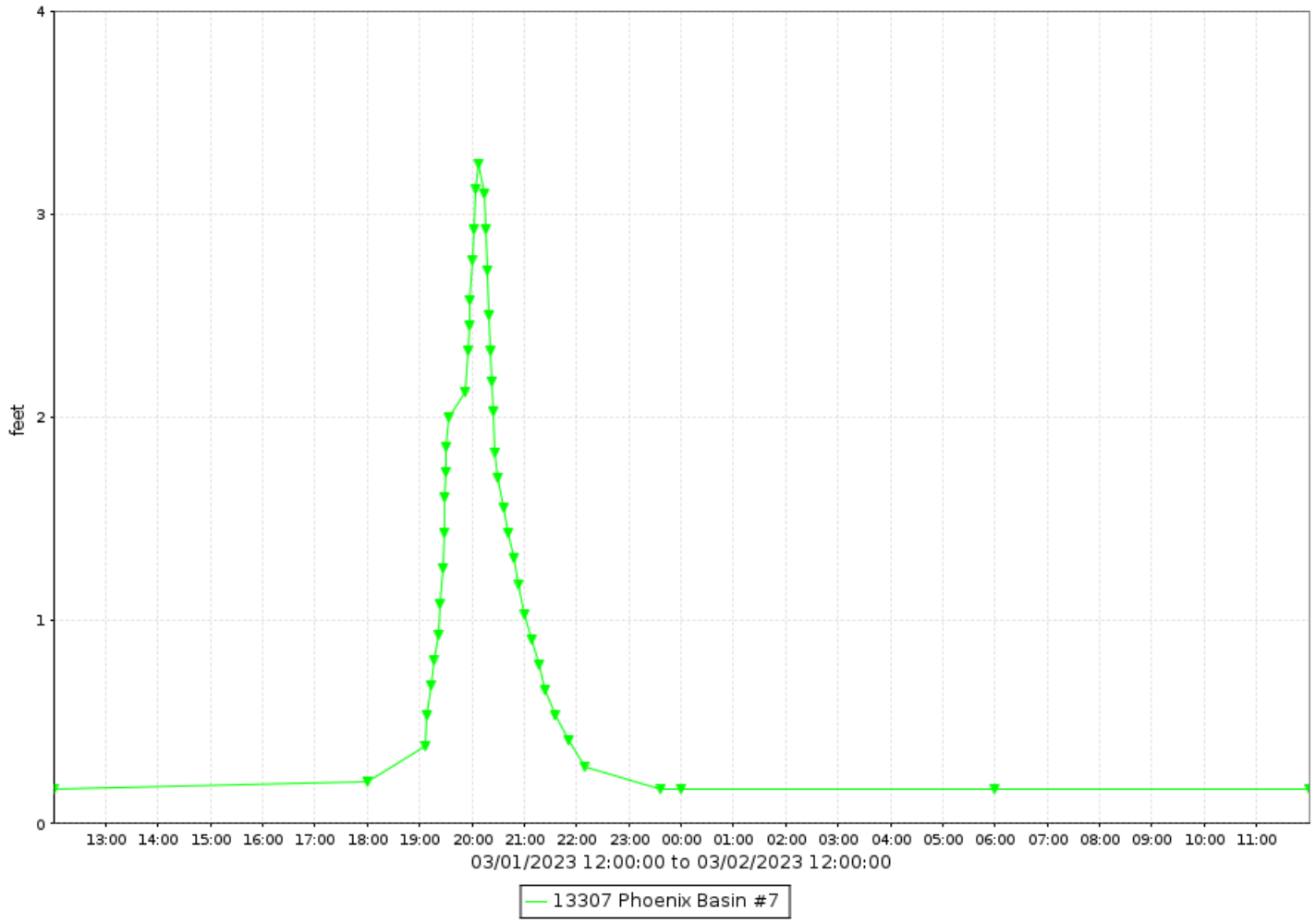




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
1/1	2.02	0.5	0.0
3/1	3.25	0.8	0.4

Hydrograph of peak 2023 impoundment event, 03/01/2023



Phoenix Dam #7, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

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

WTR YR 2023 TOTAL 2 MEAN 0 MAX 26 MIN 0 AC_FT 5

Phoenix Dam #7, volume data

Volume, in acre-feet, Water Year October 2022 to September 2023

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												
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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	1	0	1	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 2023 MEAN 0 MAX 1 MIN 0

Phoenix Dam #7, stage data

Depth, in feet, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.2	0.2	0.2	0.3	0.2	0.3	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	0.8	0.2	0.5	2.0	0.5	3.2	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 2023 MEAN 0.17 MAX 3.25 MIN 0.17

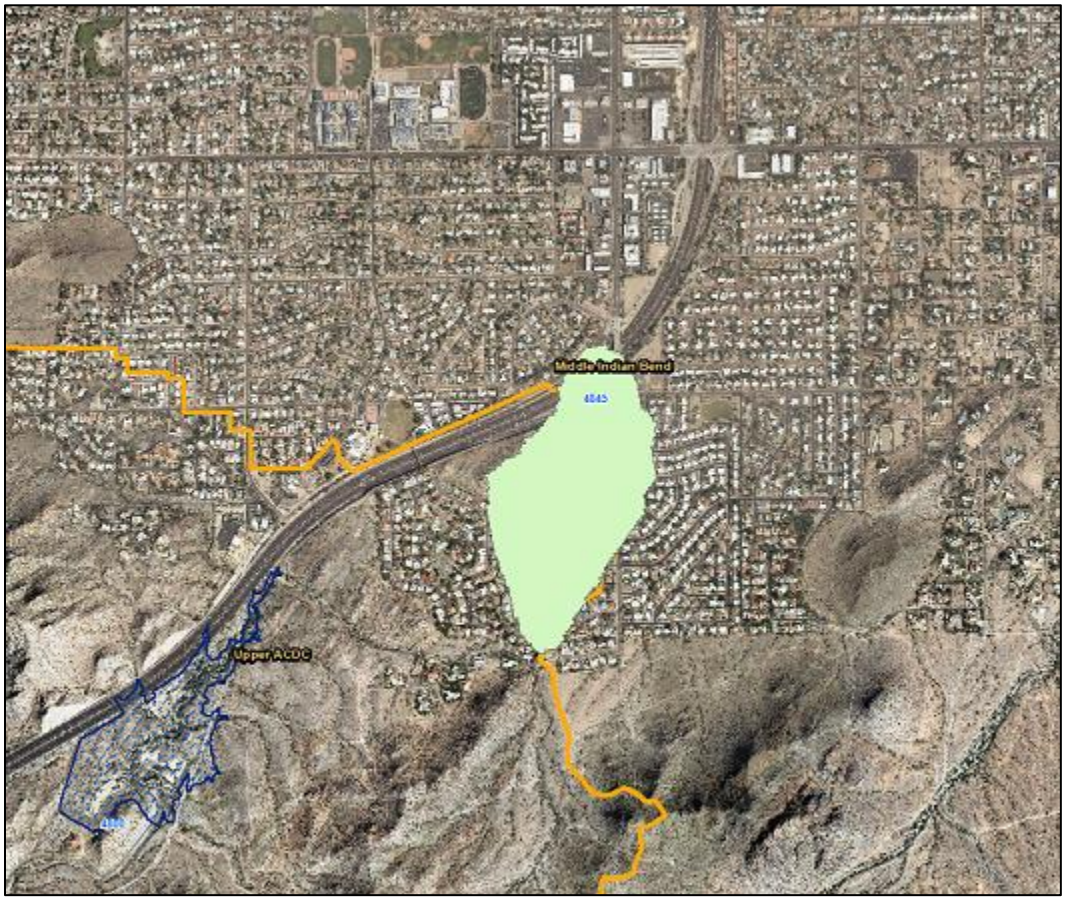
Phoenix Dam #99, ID #12707

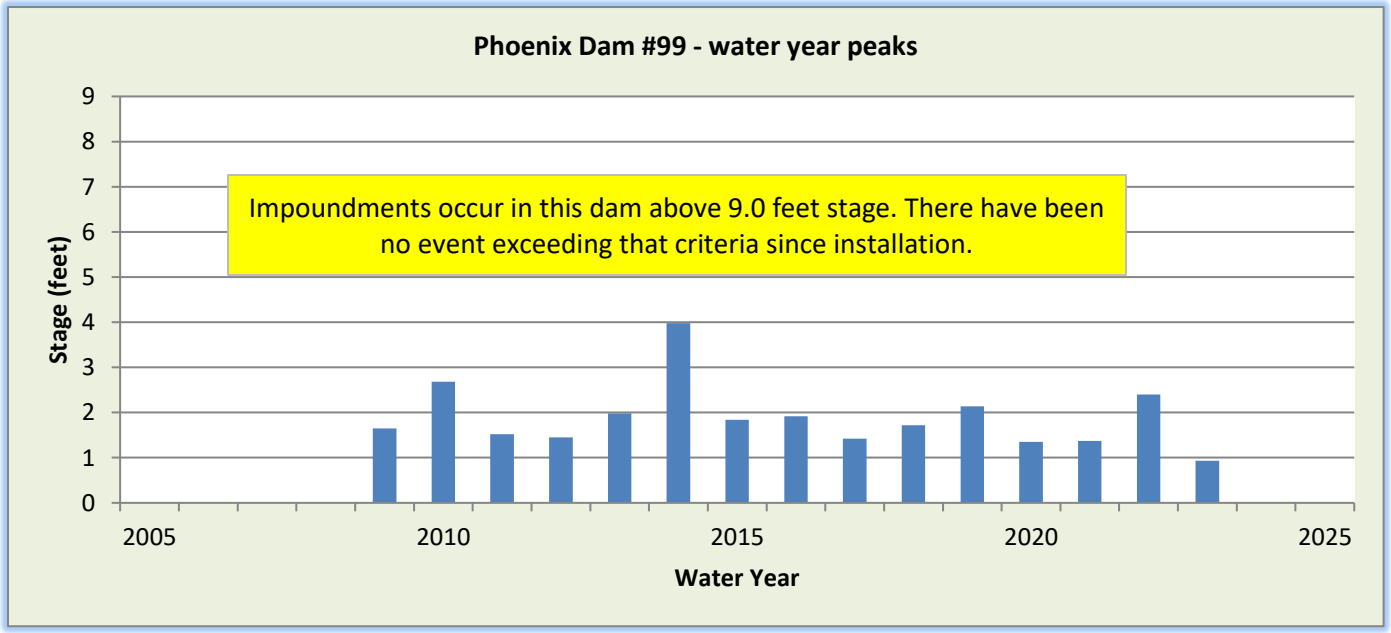


Site Data

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
ARIZONA STATE PLANE	E 670228 | N 936703
USGS QUAD SHEET	Sunnyslope 7.5-Minute
STREAMGAGE INSTALLATION DATE	07/07/2009 – WY 2009
PERIOD OF AVAILABLE DATA RECORD	07/07/2009 – Current
LENGTH OF AVAILABLE DATA RECORD	14.23 Years | 5,199 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.00 feet Gage Height
STAFF GAGES	0
CREST STAGE 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

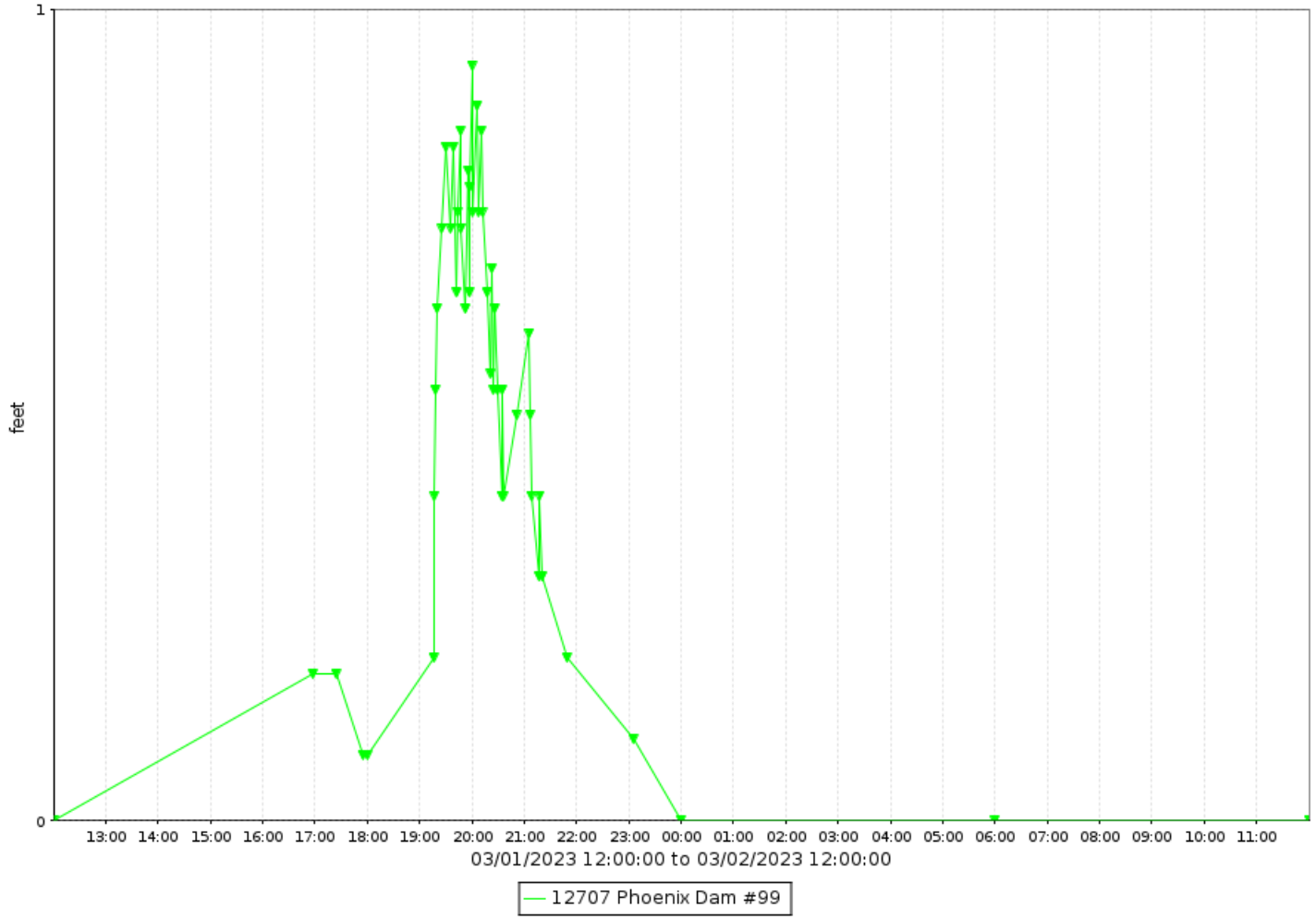




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
03/01	0.93	0.0	0.0

Hydrograph of peak 2023 impoundment event, 03/01/2023



Phoenix Dam #99, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

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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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	3	0	2	2	1	4	0	0	0	1	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	1	1	0	1	0	0	0	0	0	0

WTR YR 2023 TOTAL 1 MEAN 0 MAX 4 MIN 0 AC_FT 3

Phoenix Dam #99, volume data

Volume, in acre-feet, Water Year October 2022 to September 2023

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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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 2023 MEAN 0 MAX 0 MIN 0

Phoenix Dam #99, stage data

Depth, in feet, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.0	0.0	0.0	0.1	0.0	0.1	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	0.1	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	0.1	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	0.9	0.0	0.5	0.7	0.4	0.9	0.0	0.0	0.0	0.3	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 2023 MEAN 0.00 MAX 0.93 MIN 0.00

Phoenix East Park Dam, ID #13007

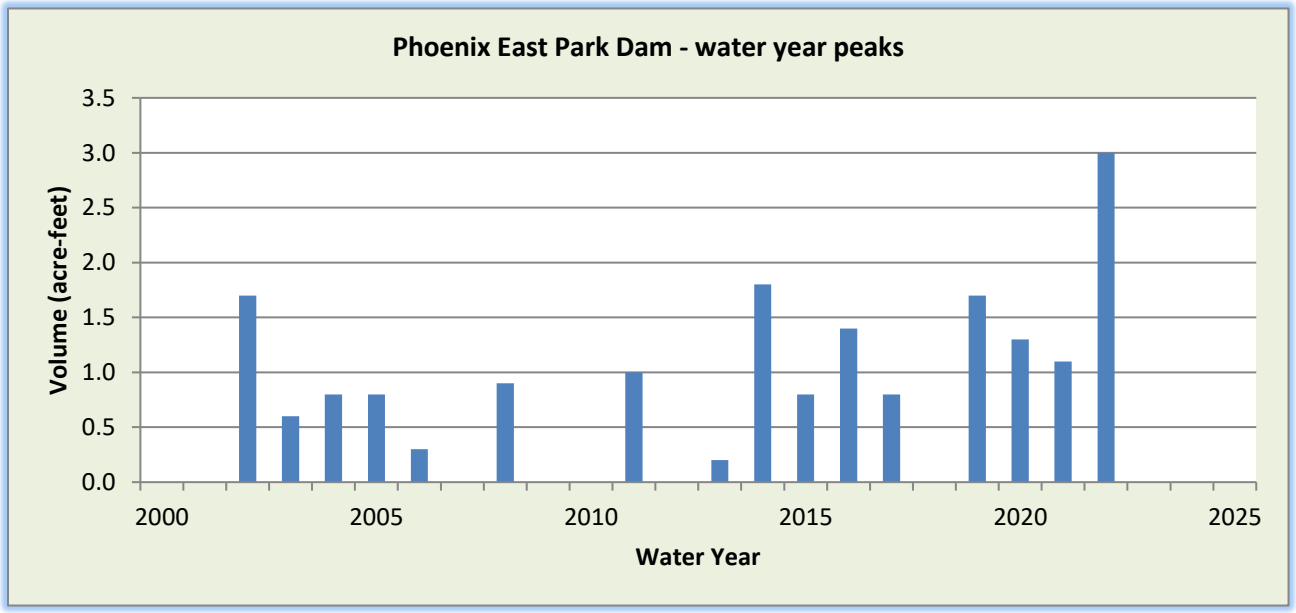


Site Data

LOCATION	Near Peoria and Seventh Avenues
DRAINAGE AREA	0.09 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
ARIZONA STATE PLANE	E 651116 | N 938331
USGS QUAD SHEET	Sunnyslope 7.5-Minute
STREAMGAGE INSTALLATION DATE	11/28/2001 – WY 2002
PERIOD OF AVAILABLE DATA RECORD	11/28/2001 – Current
LENGTH OF AVAILABLE DATA RECORD	21.84 Years | 7,977 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.10 feet Gage Height
STAFF GAGES	1
CREST STAGE GAGES	0
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





WY2023 Events

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

Hydrograph of peak WY 2023 flow event

No runoff recorded during Water Year 2023.

Phoenix East Park Dam, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

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	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 2023 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

Phoenix East Park Dam, volume data

Volume, in acre-feet, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
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4												
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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 2023 MEAN 0 MAX 0 MIN 0

Phoenix East Park Dam, stage data

Depth, in feet, Water Year October 2022 to September 2023

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	0.1	0.1	0.1
MIN	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

WTR YR 2023 MEAN 0.10 MAX 0.10 MIN 0.10

Phoenix West Park Dam, ID #13507

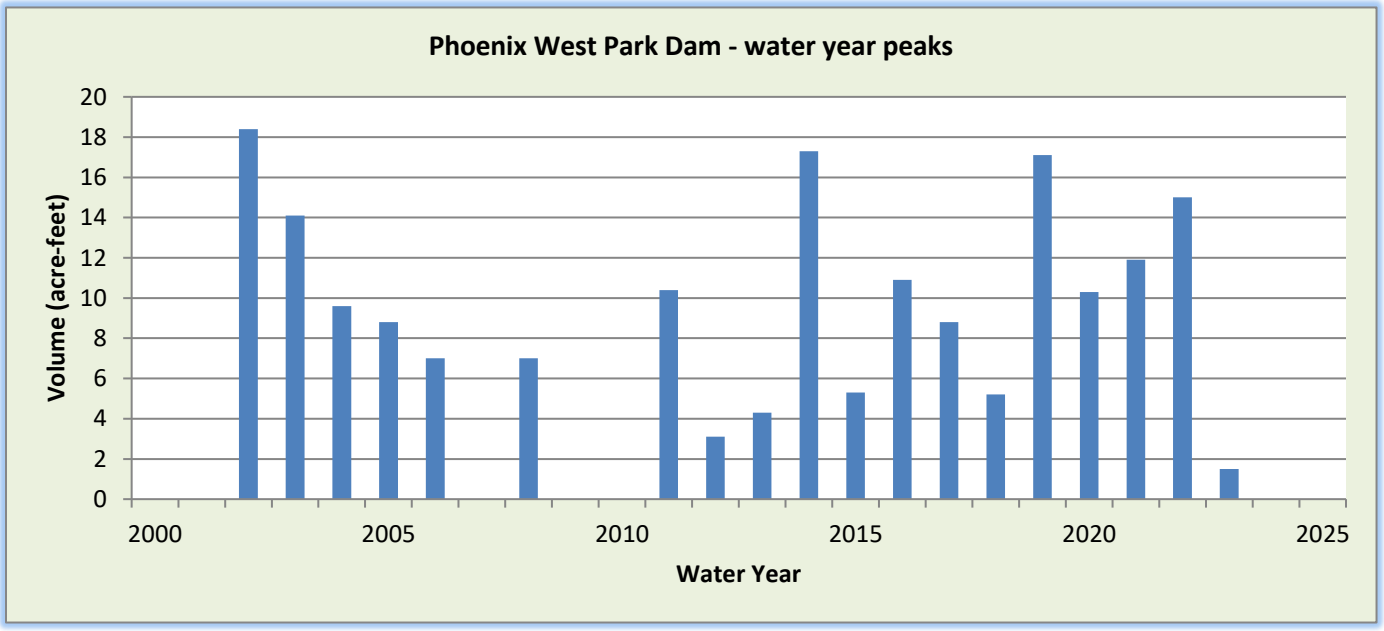


Site Data

LOCATION	Near Peoria and Seventh Avenues
DRAINAGE AREA	0.49 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
ARIZONA STATE PLANE	E 649658 | N 940031
USGS QUAD SHEET	Sunnyslope 7.5-Minute
STREAMGAGE INSTALLATION DATE	11/29/2001 – WY 2002
PERIOD OF AVAILABLE DATA RECORD	11/29/2001 – Current
LENGTH OF AVAILABLE DATA RECORD	21.84 Years | 7,976 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.20 feet Gage Height
STAFF GAGES	1
CREST STAGE GAGES	0
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

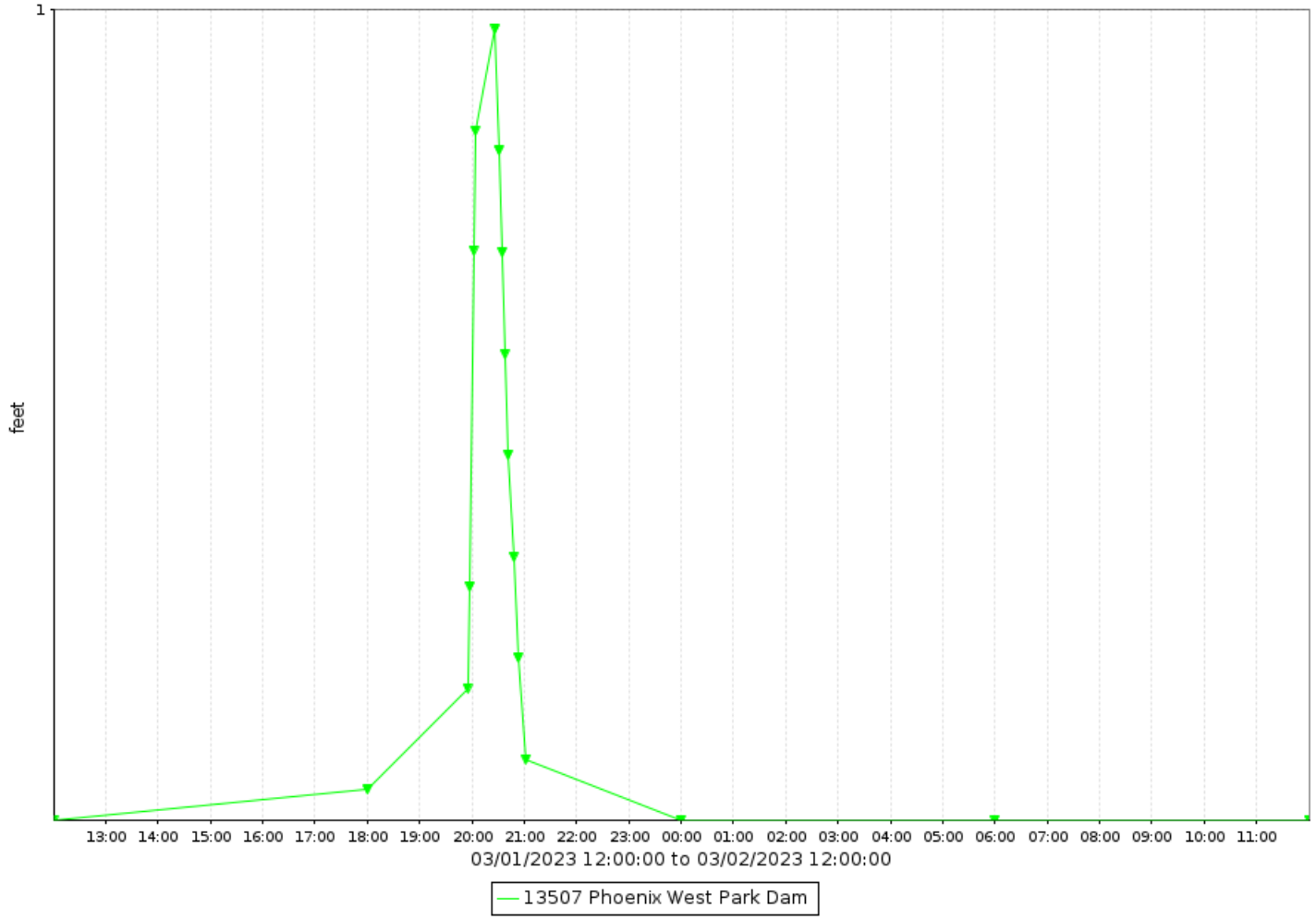




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
3/1	0.98	1.5	1.3

Hydrograph of peak 2023 impoundment event, 03/01/2023



Phoenix West Park Dam, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
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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	2	0	0	0	0	5	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 2023 TOTAL 0 MEAN 0 MAX 5 MIN 0 AC_FT 0

Phoenix West Park Dam, volume data

Volume, in acre-feet, Water Year October 2022 to September 2023

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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31		---			---		---		---			---
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	1	0	0	0	0	1	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 2023 MEAN 0 MAX 1 MIN 0

Phoenix West Park Dam, stage data

Depth, in feet, Water Year October 2022 to September 2023

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	0.5	0.2	0.2	0.2	0.2	1.0	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 2023 MEAN 0.20 MAX 0.98 MIN 0.20

Phoenix Zoo Dam #3, ID #4307

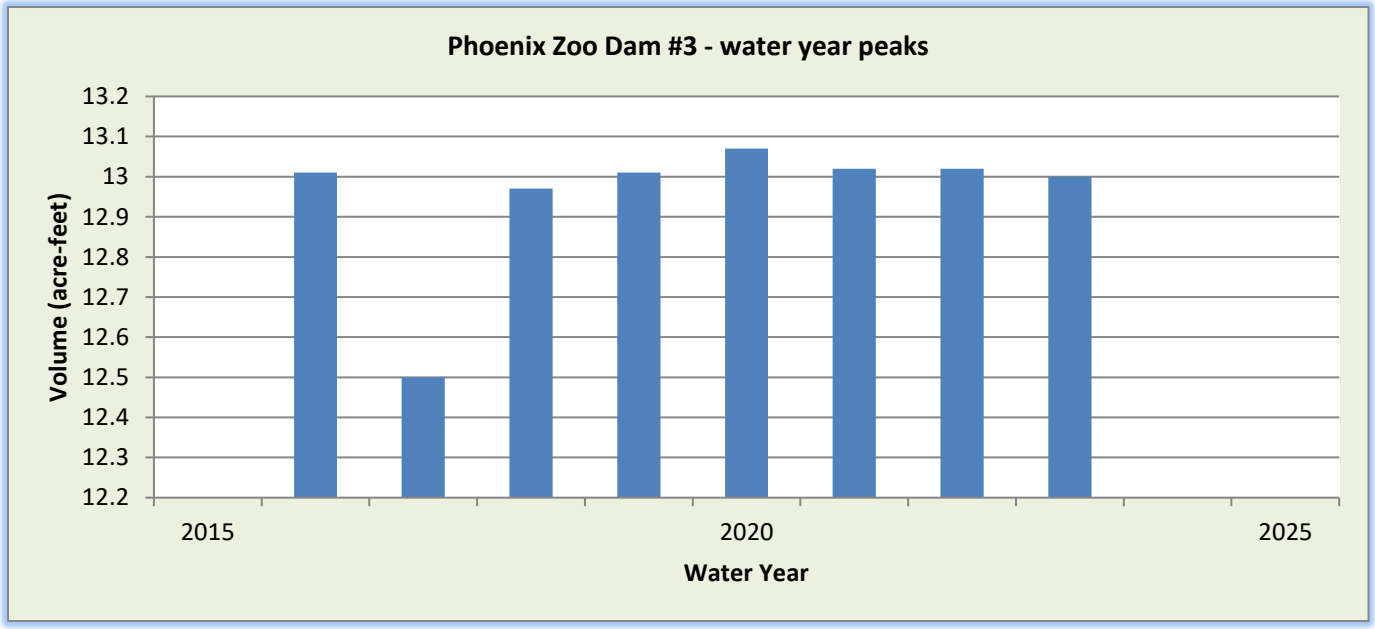


Site Data

LOCATION	Located in Papago Park on the north side of the Phoenix Zoo property.
DRAINAGE AREA	0.04 mi2
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
ARIZONA STATE PLANE	E 690420 | N 892280
USGS QUAD SHEET	Tempe 7.5-Minute
STREAMGAGE INSTALLATION DATE	04/25/2016 – WY 2016
PERIOD OF AVAILABLE DATA RECORD	04/25/2016 – Current
LENGTH OF AVAILABLE DATA RECORD	7.43 Years | 2,715 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	8.80 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,230.16 feet NAVD88 / 1,229.50 feet M.S.L.
POINT OF ZERO FLOW	9.0 feet Gage Height
SPILLWAY CREST ELEVATION	12.80 feet Gage Height
MINIMUM TOP OF DAM ELEVATION	13.40 feet Gage Height

Location Map



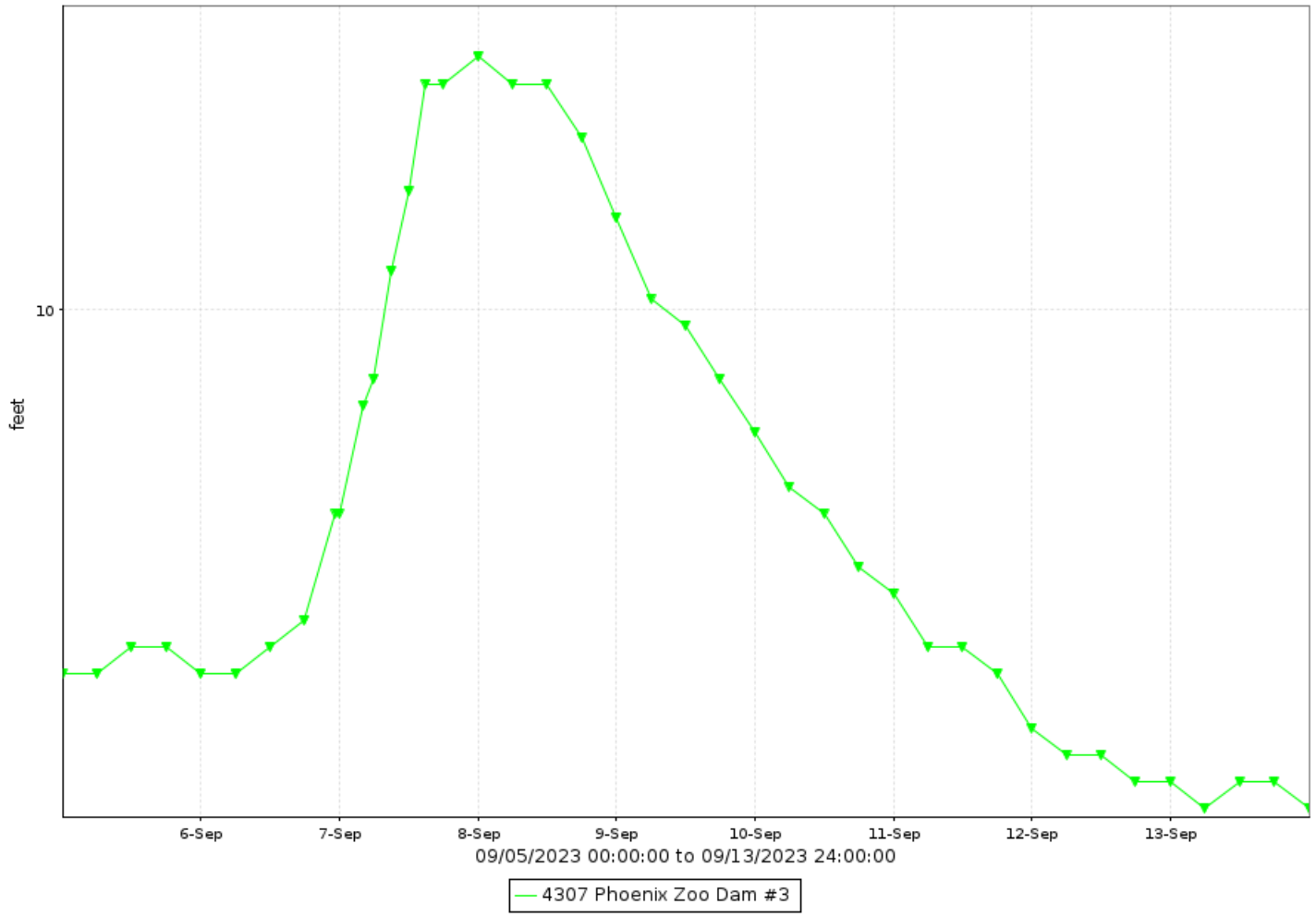


WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
10/4	9.53	13.0	98.1
9/8	10.25	13.0	98.5

**basin is kept at a base capacity of 90.6% capacity*

Hydrograph of peak 2023 impoundment, 09/08/2023



Phoenix Zoo Dam #3, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
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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 2023 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

Phoenix Zoo Dam #3, volume data

Volume, in acre-feet, Water Year October 2022 to September 2023

Daily Mean Values

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

WTR YR 2023 MEAN 13 MAX 13 MIN 12

Phoenix Zoo Dam #3, stage data

Depth, in feet, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.7	9.4	9.4	9.4	9.0	9.4	9.2	9.6	9.6	9.6	9.6	9.6
2	9.7	9.4	9.4	9.5	9.0	9.6	9.4	9.6	9.6	9.7	9.6	9.6
3	9.8	9.5	9.4	9.5	9.0	9.7	9.5	9.6	9.6	9.7	9.7	9.6
4	9.7	9.5	9.5	9.4	9.0	9.6	9.5	9.5	9.6	9.7	9.7	9.7
5	9.8	9.5	9.4	9.5	9.0	9.5	9.6	9.5	9.6	9.7	9.8	9.7
6	9.8	9.5	9.3	9.4	9.0	9.5	9.6	9.6	9.8	9.6	9.8	9.7
7	9.7	9.5	9.3	9.4	9.0	9.5	9.6	9.6	9.8	9.6	9.8	10.1
8	9.7	9.5	9.3	9.4	9.0	9.4	9.6	9.6	9.8	9.6	9.8	10.2
9	9.6	9.5	9.2	9.4	9.1	9.4	9.6	9.6	9.8	9.6	9.7	10.0
10	9.7	9.5	9.3	9.3	9.6	9.4	9.6	9.6	9.8	9.6	9.7	9.8
11	9.7	9.5	9.4	9.3	9.6	9.4	9.7	9.6	9.7	9.8	9.6	9.7
12	9.6	9.6	9.3	9.3	9.6	9.5	9.7	9.5	9.7	9.9	9.7	9.6
13	9.6	9.7	9.3	9.3	9.5	9.5	9.7	9.6	9.7	10.0	9.9	9.5
14	9.6	9.7	9.3	9.3	9.4	9.4	9.7	9.6	9.7	10.0	9.9	9.5
15	9.5	9.7	9.2	9.3	9.5	9.5	9.6	9.6	9.7	10.0	9.9	9.5
16	9.6	9.7	9.3	9.3	9.6	9.6	9.7	9.6	9.7	10.0	9.8	9.5
17	9.6	9.6	9.4	9.3	9.6	9.6	9.7	9.5	9.7	10.0	9.7	9.5
18	9.5	9.6	9.5	9.3	9.6	9.6	9.6	9.5	9.7	10.0	9.6	9.7
19	9.5	9.6	9.4	9.2	9.7	9.5	9.5	9.5	9.6	9.9	9.6	9.7
20	9.5	9.6	9.4	9.2	9.7	9.5	9.4	9.5	9.6	9.9	9.6	9.6
21	9.6	9.5	9.4	9.2	9.7	9.4	9.4	9.5	9.6	9.9	9.7	9.6
22	9.5	9.5	9.5	9.2	9.7	9.4	9.5	9.5	9.6	9.9	9.7	9.5
23	9.6	9.5	9.6	9.2	9.6	9.4	9.6	9.5	9.6	9.8	9.6	9.5
24	9.7	9.5	9.6	9.1	9.6	9.3	9.7	9.5	9.5	9.7	9.6	9.5
25	9.8	9.5	9.6	9.1	9.6	9.3	9.8	9.5	9.6	9.7	9.6	9.4
26	9.7	9.5	9.7	9.1	9.5	9.3	9.7	9.5	9.6	9.6	9.6	9.4
27	9.6	9.4	9.7	9.1	9.4	9.3	9.6	9.5	9.6	9.5	9.5	9.4
28	9.6	9.4	9.7	9.1	9.4	9.2	9.6	9.5	9.6	9.5	9.5	9.5
29	9.5	9.4	9.5	9.1	---	9.2	9.6	9.6	9.6	9.5	9.5	9.6
30	9.4	9.4	9.4	9.1	---	9.2	9.6	9.6	9.6	9.5	9.6	9.5
31	9.4	---	9.4	9.1	---	9.2	---	9.6	---	9.6	9.6	---
MEAN	9.6	9.5	9.4	9.3	9.4	9.4	9.6	9.5	9.7	9.7	9.7	9.6
MAX	9.8	9.7	9.7	9.5	9.7	9.7	9.8	9.6	9.9	10.0	9.9	10.2
MIN	9.4	9.4	9.2	9.1	9.0	9.1	9.2	9.5	9.5	9.5	9.5	9.4

WTR YR 2023 MEAN 9.54 MAX 10.25 MIN 8.95

Phoenix Zoo Dam #5, ID #4407

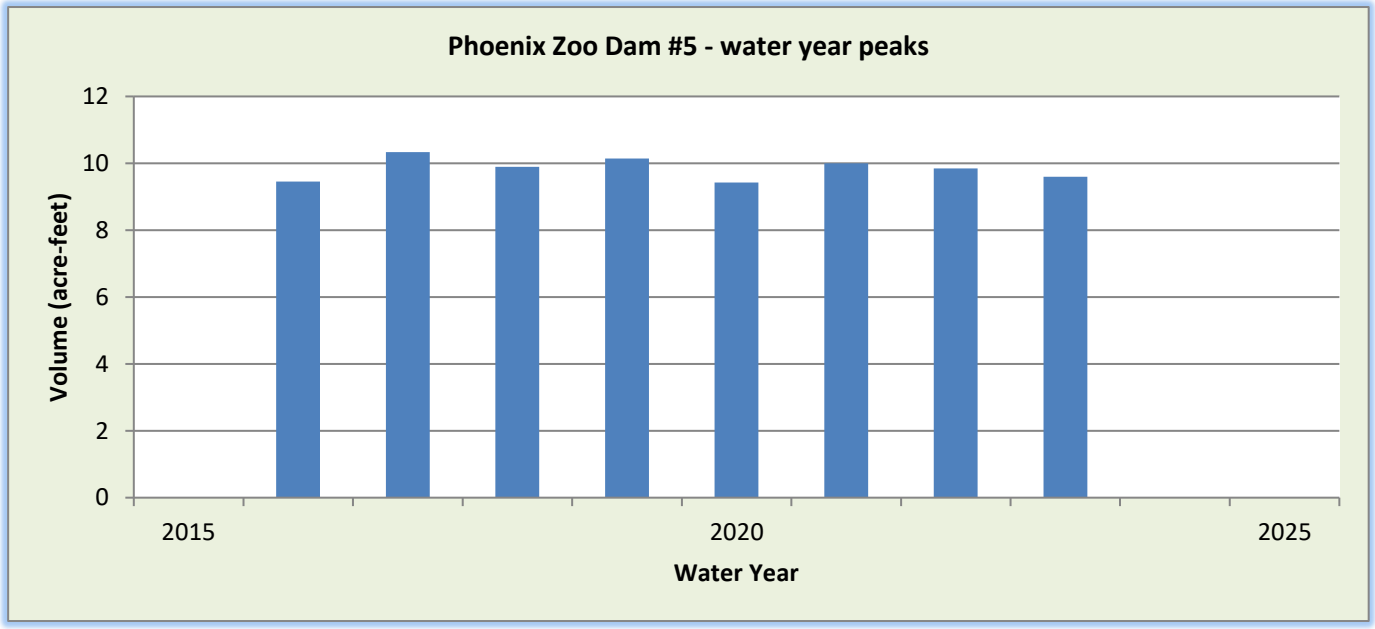


Site Data

LOCATION	Located within the Phoenix Zoo property at the southwest corner.
DRAINAGE AREA	0.23 mi2
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
ARIZONA STATE PLANE	E 689475 | N 890965
USGS QUAD SHEET	Tempe 7.5-Minute
STREAMGAGE INSTALLATION DATE	04/28/2016 – WY 2016
PERIOD OF AVAILABLE DATA RECORD	04/28/2016 – Current
LENGTH OF AVAILABLE DATA RECORD	7.43 Years | 2,712 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	7.75 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,205.00 feet NAVD88 / 1,204.50 feet M.S.L.
POINT OF ZERO FLOW	Approximately 7.8 feet Gage Height
SPILLWAY CREST ELEVATION	8.70 feet Gage Height
AVERAGE TOP OF DAM ELEVATION	9.20 feet Gage Height

Location Map





WY2023 Events

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

*It is not uncommon for this site to overtop every year. The base capacity is kept at approximately 95% capacity

Hydrograph of peak WY 2023 flow event

No runoff recorded during Water Year 2023.

Phoenix Zoo Dam #5, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

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 2022 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

Phoenix Zoo Dam #5, volume data

Volume, in acre-feet, Water Year October 2022 to September 2023

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	10	9	9	9	9	9	9	9	9
3	9	9	9	9	9	9	9	9	9	9	9	9
4	9	9	10	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
7	9	9	9	---	9	9	9	9	9	9	9	9
8	9	9	9	---	9	9	9	9	9	9	9	10
9	9	9	9	---	9	9	9	9	9	9	9	9
10	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	10	9	9
13	9	9	9	9	9	9	9	9	9	10	9	9
14	9	10	9	9	9	9	9	9	9	9	10	9
15	9	10	9	9	9	9	10	9	9	9	9	9
16	9	10	9	9	9	9	10	9	9	9	9	9
17	9	---	9	9	9	9	9	9	9	9	9	9
18	9	---	9	9	9	9	9	9	9	9	9	9
19	9	---	9	9	9	9	9	9	9	9	9	9
20	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	10	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	10	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	10	10	10	10	10	10	10	9	9	10	10	10
MIN	9	9	9	9	9	9	9	9	9	9	9	9

WTR YR 2023 MEAN 9 MAX 10 MIN 9

Phoenix Zoo Dam #5, stage data

Depth, in feet, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.6	8.6	8.6	8.6	8.5	8.6	8.5	8.5	8.5	8.6	8.5	8.6
2	8.6	8.6	8.6	8.7	8.5	8.6	8.5	8.5	8.5	8.6	8.5	8.6
3	8.6	8.6	8.6	8.6	8.5	8.6	8.5	8.5	8.5	8.6	8.5	8.6
4	8.6	8.6	8.7	8.6	8.5	8.6	8.6	8.5	8.5	8.5	8.6	8.6
5	8.6	8.6	8.6	8.6	8.5	8.6	8.6	8.5	8.5	8.5	8.6	8.6
6	8.6	8.6	8.6	---	8.5	8.6	8.6	8.6	8.6	8.5	8.6	8.6
7	8.6	8.6	8.6	---	8.5	8.6	8.6	8.6	8.6	8.5	8.6	8.6
8	8.6	8.6	8.5	---	8.5	8.6	8.6	8.6	8.6	8.5	8.6	8.7
9	8.6	8.6	8.5	---	8.5	8.6	8.6	8.5	8.6	8.5	8.6	8.6
10	8.6	8.6	8.5	---	8.6	8.6	8.6	8.5	8.6	8.5	8.6	8.6
11	8.6	8.6	8.6	8.5	8.6	8.6	8.6	8.5	8.6	8.6	8.5	8.6
12	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.5	8.7	8.6	8.6
13	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.5	8.6	8.7	8.6	8.6
14	8.6	8.7	8.6	8.5	8.6	8.5	8.6	8.5	8.6	8.6	8.7	8.6
15	8.6	8.7	8.6	8.5	8.6	8.6	8.7	8.5	8.6	8.6	8.6	8.6
16	8.6	8.7	8.6	8.5	8.6	8.6	8.7	8.5	8.6	8.6	8.6	8.6
17	8.6	---	8.6	8.6	8.6	8.5	8.6	8.5	8.6	8.6	8.6	8.6
18	8.6	---	8.6	8.5	8.6	8.5	8.6	8.5	8.6	8.6	8.6	8.6
19	8.6	---	8.6	8.5	8.6	8.5	8.6	8.5	8.6	8.6	8.6	8.6
20	8.6	---	8.6	8.5	8.6	8.5	8.6	8.5	8.5	8.6	8.6	8.6
21	8.6	8.6	8.6	8.5	8.6	8.6	8.6	8.5	8.5	8.6	8.6	8.6
22	8.6	8.6	8.6	8.5	8.6	8.6	8.6	8.5	8.5	8.6	8.6	8.6
23	8.6	8.6	8.6	8.5	8.6	8.6	8.5	8.5	8.5	8.6	8.6	8.6
24	8.6	8.6	8.6	8.5	8.6	8.6	8.6	8.5	8.5	8.6	8.6	8.6
25	8.6	8.6	8.6	8.5	8.6	8.6	8.6	8.5	8.5	8.6	8.6	8.6
26	8.7	8.6	8.6	8.5	8.6	8.6	8.6	8.5	8.5	8.5	8.6	8.6
27	8.6	8.6	8.6	8.5	8.6	8.6	8.6	8.5	8.5	8.5	8.6	8.5
28	8.6	8.6	8.7	8.5	8.6	8.6	8.6	8.5	8.5	8.5	8.6	8.5
29	8.6	8.6	8.6	8.5	---	8.5	8.5	8.5	8.5	8.5	8.5	8.6
30	8.6	8.6	8.6	8.5	---	8.5	8.6	8.5	8.5	8.5	8.5	8.6
31	8.6	---	8.6	8.5	---	8.5	---	8.5	---	8.5	8.6	---
MEAN	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.5	8.5	8.6	8.6	8.6
MAX	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.6	8.6	8.9	8.7	8.7
MIN	8.3	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5

WTR YR 2023 MEAN 8.58 MAX 8.89 MIN 8.34

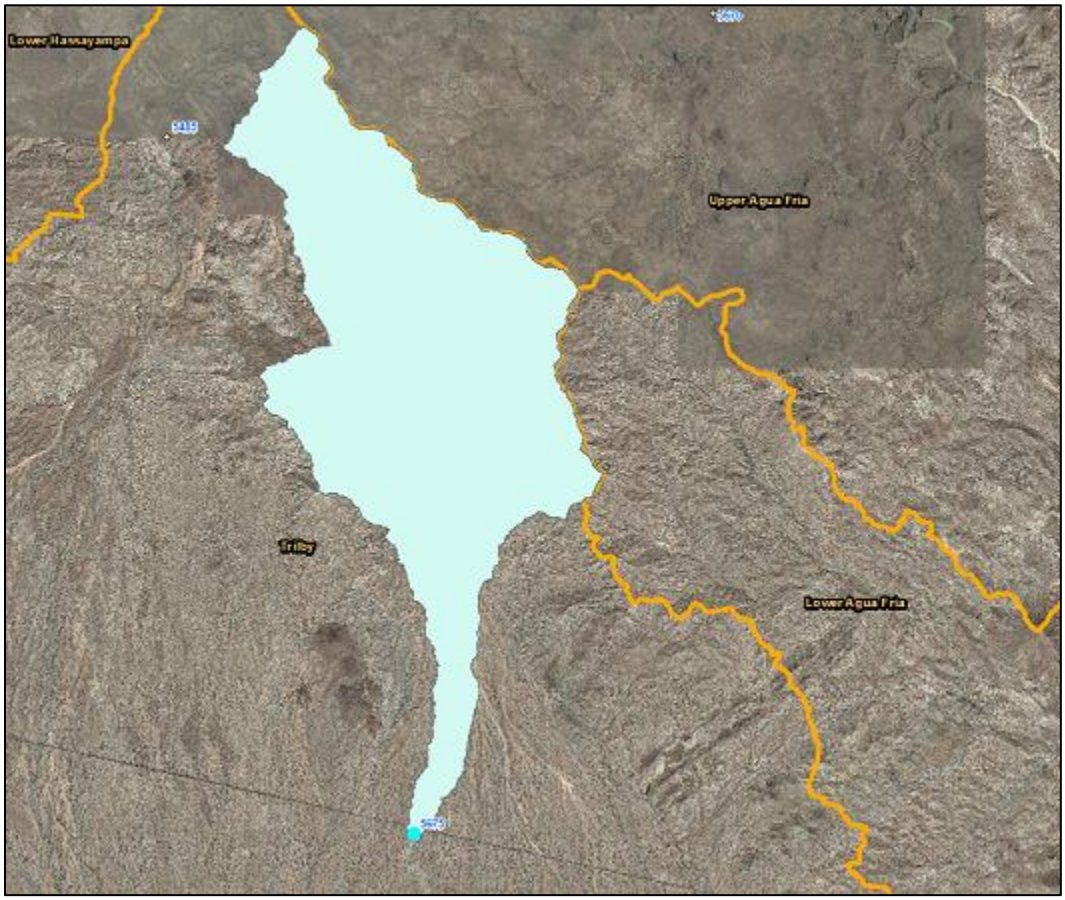
Picacho Wash, ID #74207

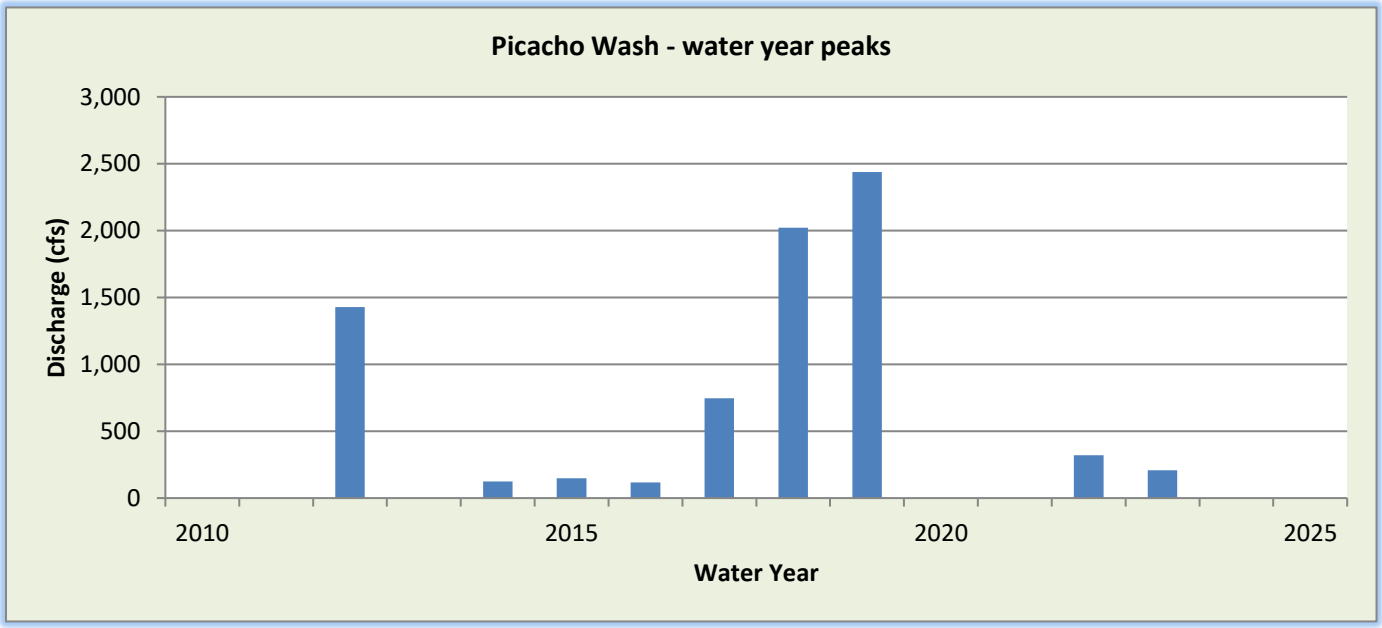


Site Data

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
PERIOD OF AVAILABLE DATA RECORD	04/11/2012 – Current
LENGTH OF AVAILABLE DATA RECORD	11.47 Years | 4,190 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.90 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	1,961.783 feet NAVD88
POINT OF ZERO FLOW	0.1 feet
EXTREME FOR PERIOD OF RECORD	2,437 cfs | 4.41 feet | 09/23/2019

Watershed Map

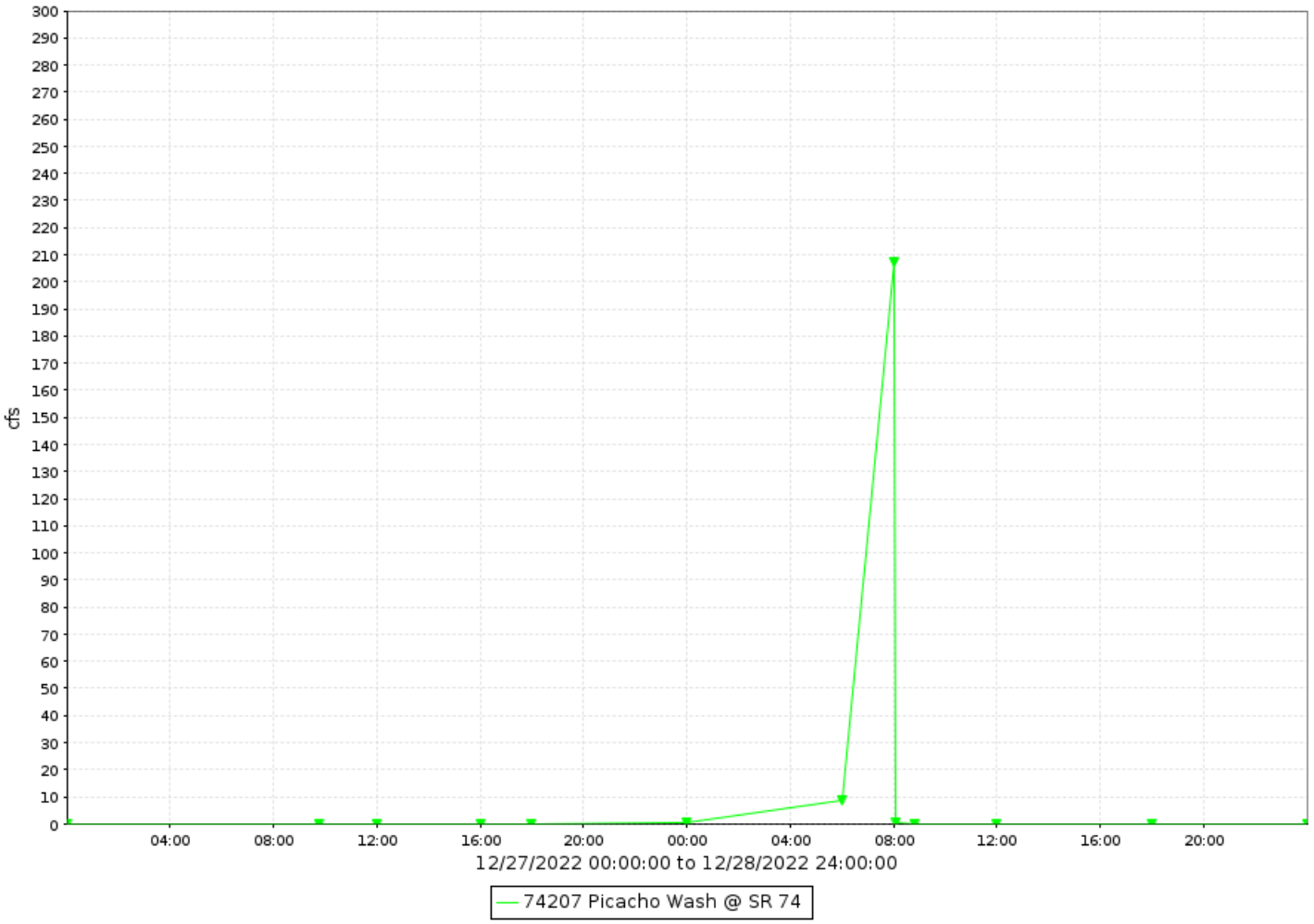




WY2023 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
12/24	1.28	115
12/28	1.65	207

Hydrograph of peak WY 2023 flow event, 12/28/2022



Picacho Wash, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3			1									
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16			1									
17			20									
18												
19												
20												
21			8									
22												
23												
24			14									
25			19									
26			10									
27												
28			1									
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	73	0	0	0	0	0	0	0	0	0
MEAN	0	0	2	0	0	0	0	0	0	0	0	0
MAX	0	0	207	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	145	0	0	0	0	0	0	0	0	0

WTR YR 2023 TOTAL 73 MEAN 0 MAX 207 MIN 0 AC_FT 145

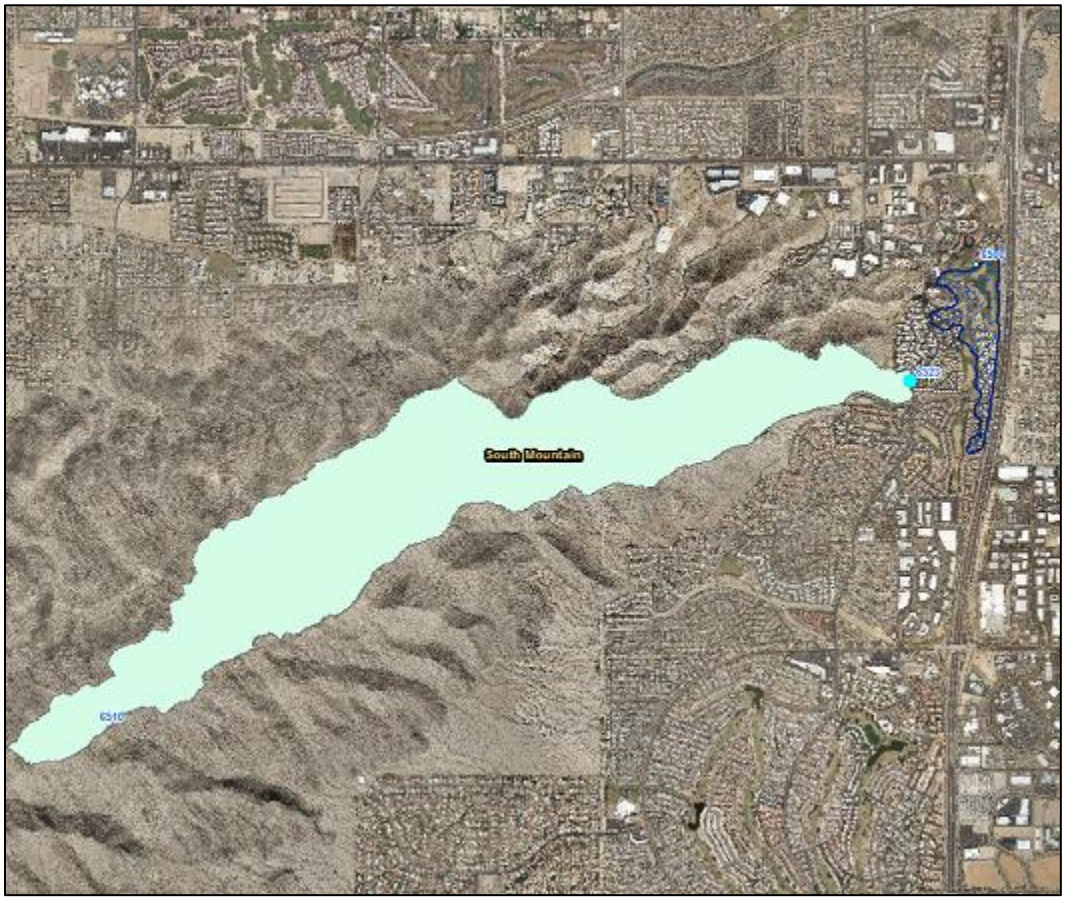
Pima Canyon Wash, ID #68707

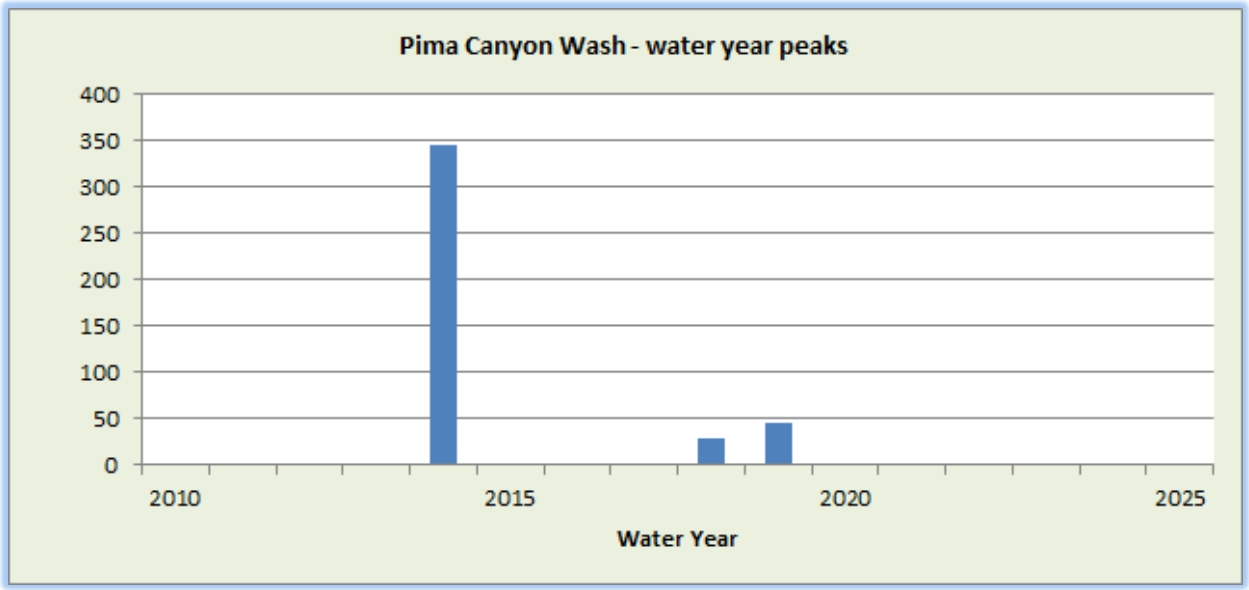


Site Data

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
ARIZONA STATE PLANE	E 682150 | N 860330
USGS QUAD SHEET	Guadalupe 7.5-Minute
STREAMGAGE INSTALLATION DATE	04/15/2014 – WY 2014
PERIOD OF AVAILABLE DATA RECORD	04/15/2014 – Current
LENGTH OF AVAILABLE DATA RECORD	9.46 Years | 3,456 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	1.69 feet Gage Height
STAFF GAGES	1
CREST STAGE GAGES	None
ZERO GAGE HEIGHT ELEVATION	1,302.896 feet NAVD88
POINT OF ZERO FLOW	1.5 feet Gage Height
EXTREME FOR PERIOD OF RECORD	345 cfs | 6.52 feet Gage Height | 09/08/2014

Watershed Map





WY2023 Events

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

Hydrograph of peak WY 2023 flow event,

No runoff recorded in Water Year 2023.

Pima Canyon Wash, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

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 2023 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

Powder House Wash, ID #52507

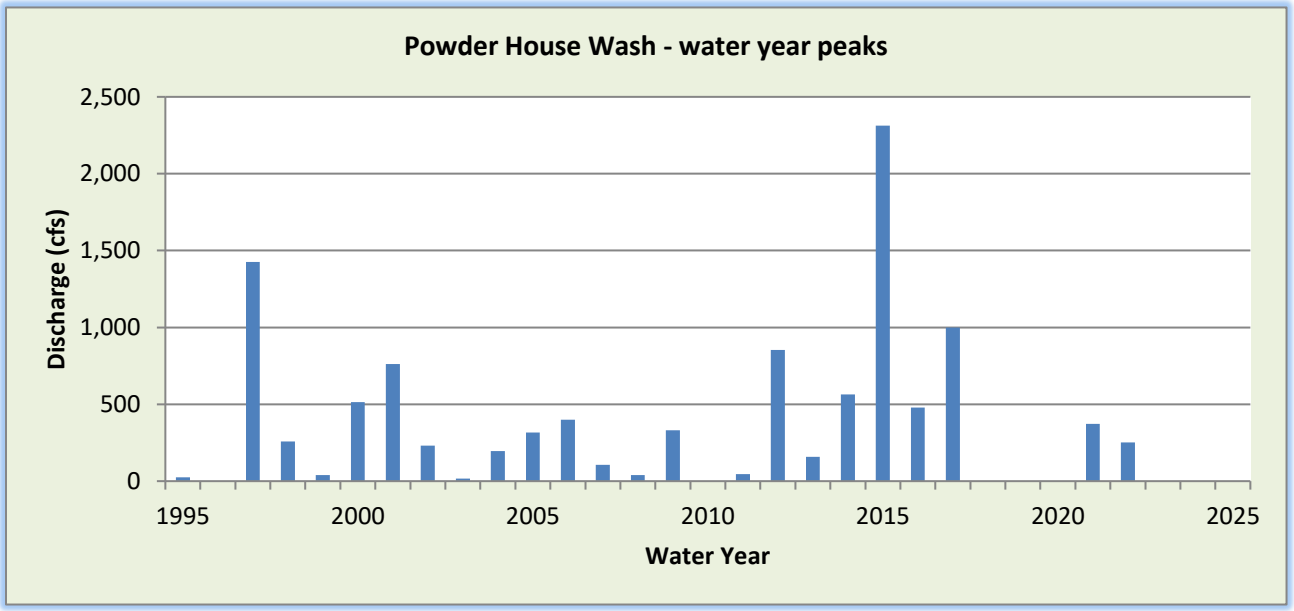


Site Data

LOCATION	In Wickenburg, north of Constellation Road
DRAINAGE AREA	1.84 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
ARIZONA STATE PLANE	E 457292 | N 1085363
USGS QUAD SHEET	Wickenburg 7.5-Minute
STREAMGAGE INSTALLATION DATE	05/18/1995 – WY 1995
PERIOD OF AVAILABLE DATA RECORD	05/18/1995 – Current
LENGTH OF AVAILABLE DATA RECORD	28.37 Years | 10,363 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	-0.50 feet Gage Height
STAFF GAGES	None
CREST STAGE GAGES	One
ZERO GAGE HEIGHT ELEVATION	2,133.590 feet NAVD88
POINT OF ZERO FLOW	-0.6 feet Gage Height
EXTREME FOR PERIOD OF RECORD	2,312 cfs | 2.42 feet | 07/18/2015

Watershed Map





WY2023 Events

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

Hydrograph of peak WY 2023 flow event

No runoff recorded during Water Year 2023.

Powder House Wash, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

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	6	0	2	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	1	0	0	0	0	0	0	0	0

WTR YR 2023 TOTAL 3 MEAN 0 MAX 6 MIN 0 AC_FT 5

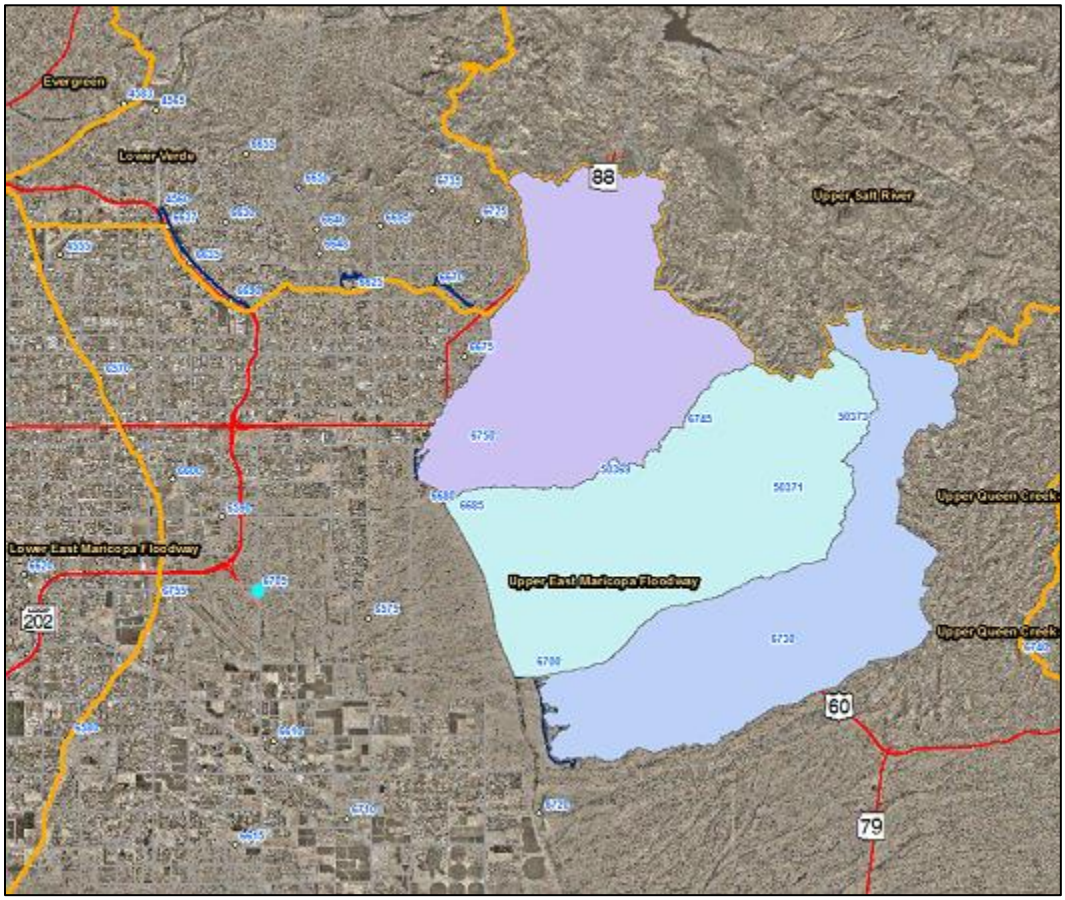
Powerline Floodway, ID #37507

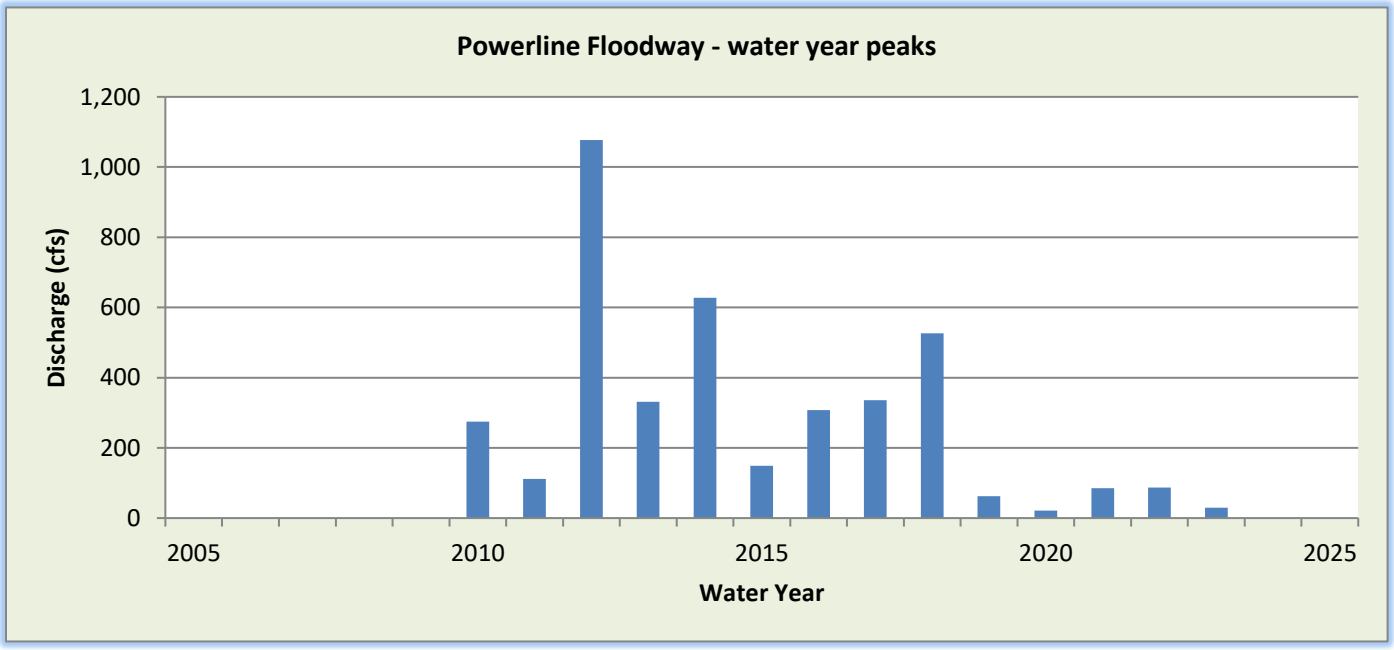


Site Data

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
ARIZONA STATE PLANE	E 785714 | N 844518
USGS QUAD SHEET	Higley 7.5-Minute
STREAMGAGE INSTALLATION DATE	02/13/2008 – WY 2008
PERIOD OF AVAILABLE DATA RECORD	02/13/2008 – Current
LENGTH OF AVAILABLE DATA RECORD	15.63 Years | 5,709 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.20 feet Gage Height
STAFF GAGES	One
CREST STAGE GAGES	None
ZERO GAGE HEIGHT ELEVATION	1,381.654 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

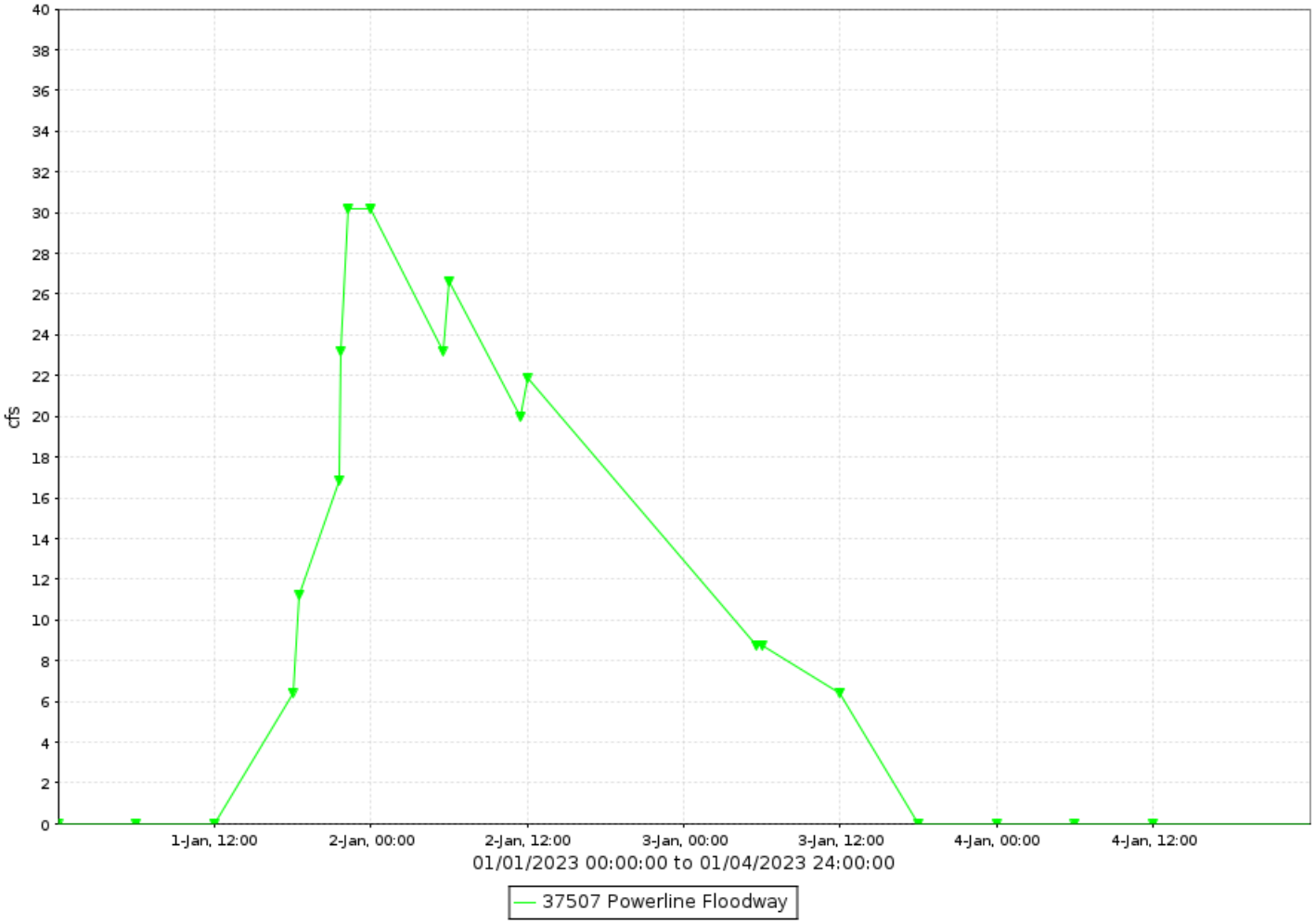




WY2023 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
1/1	0.62	30

Hydrograph of peak WY 2023 flow event, 01/01/2023



Powerline Floodway, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				4		2						
2				25		7						
3			2	9								
4			9									
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15	4											
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	4	0	10	38	0	8	0	0	0	0	0	0
MEAN	0	0	0	1	0	0	0	0	0	0	0	0
MAX	13	0	23	30	0	16	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	7	0	21	76	0	17	0	0	0	0	0	0

WTR YR 2023 TOTAL 61 MEAN 0 MAX 30 MIN 0 AC_FT 120

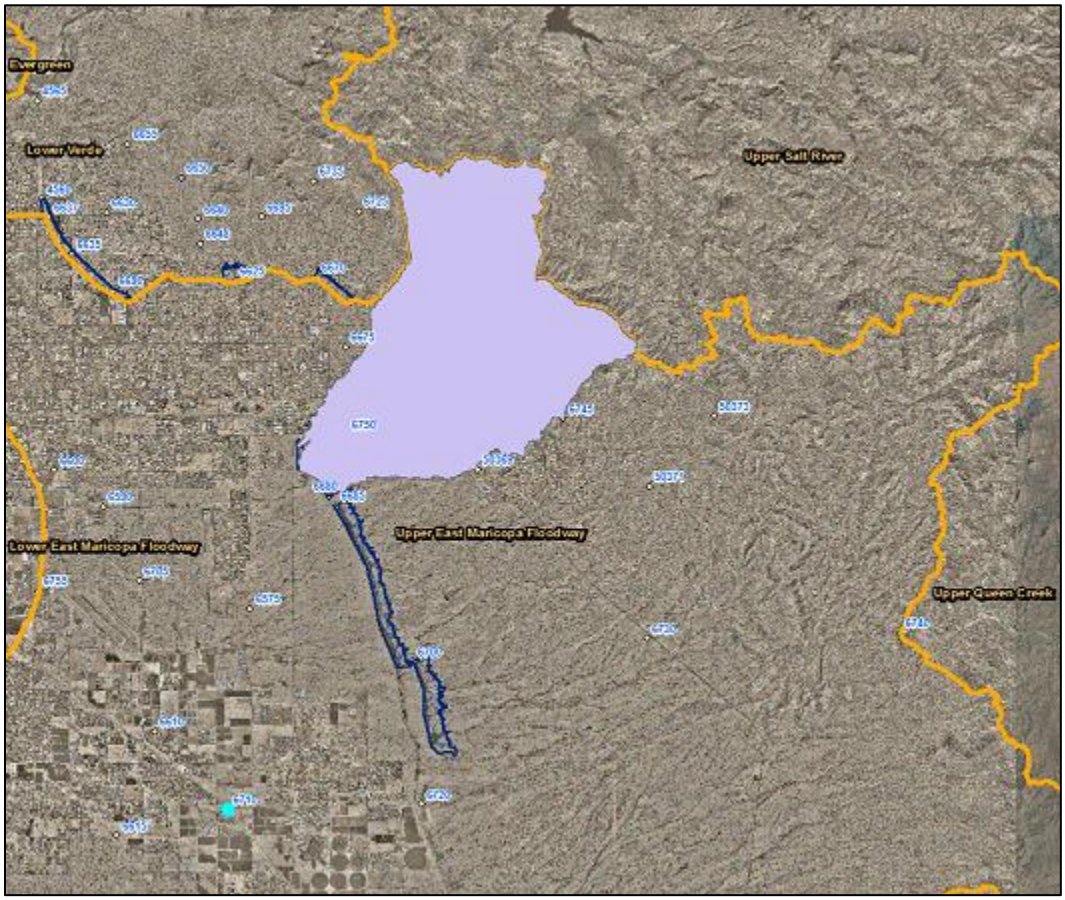
Powerline FRS, ID #36807

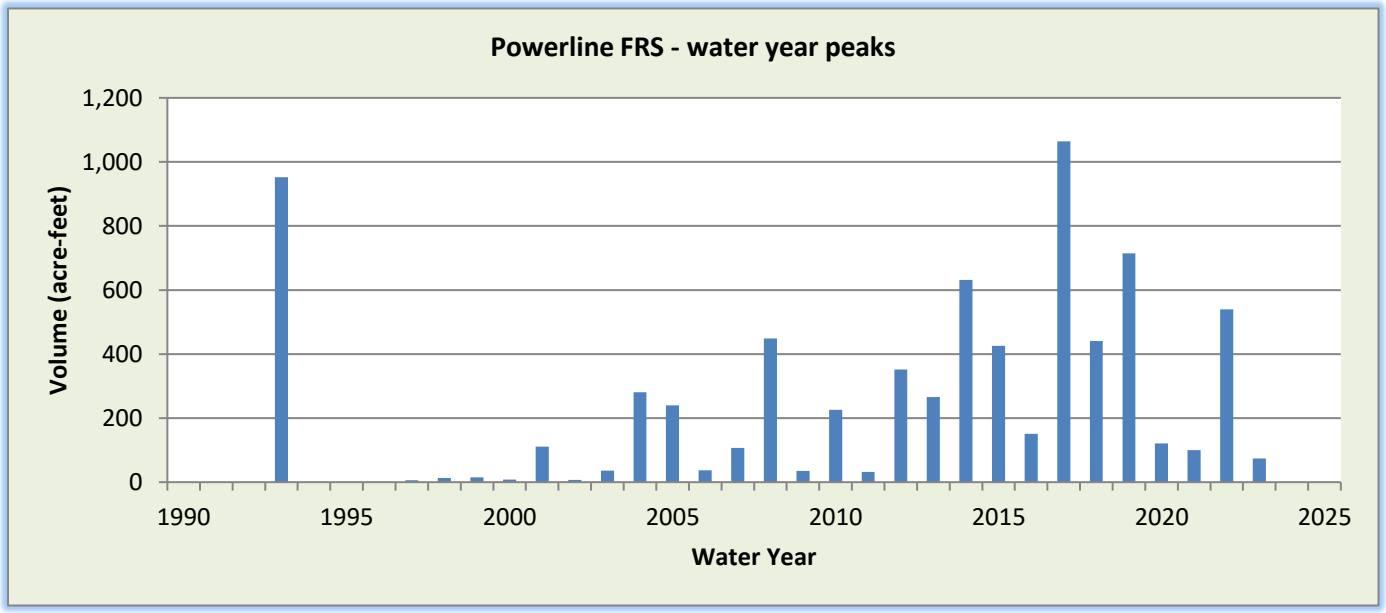


Site Data

LOCATION	Located south of Apache Junction east of Ironwood Road
DRAINAGE AREA	46.8 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
ARIZONA STATE PLANE	E 813178 | N 856755
USGS QUAD SHEET	Desert Well 7.5-Minute
STREAMGAGE INSTALLATION DATE	12/02/1992 – WY 1993
PERIOD OF AVAILABLE DATA RECORD	12/02/1992 – Current
LENGTH OF AVAILABLE DATA RECORD	30.83 Years | 11,260 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.20 feet Gage Height
STAFF GAGES	5
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,563.822 feet NAVD88
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

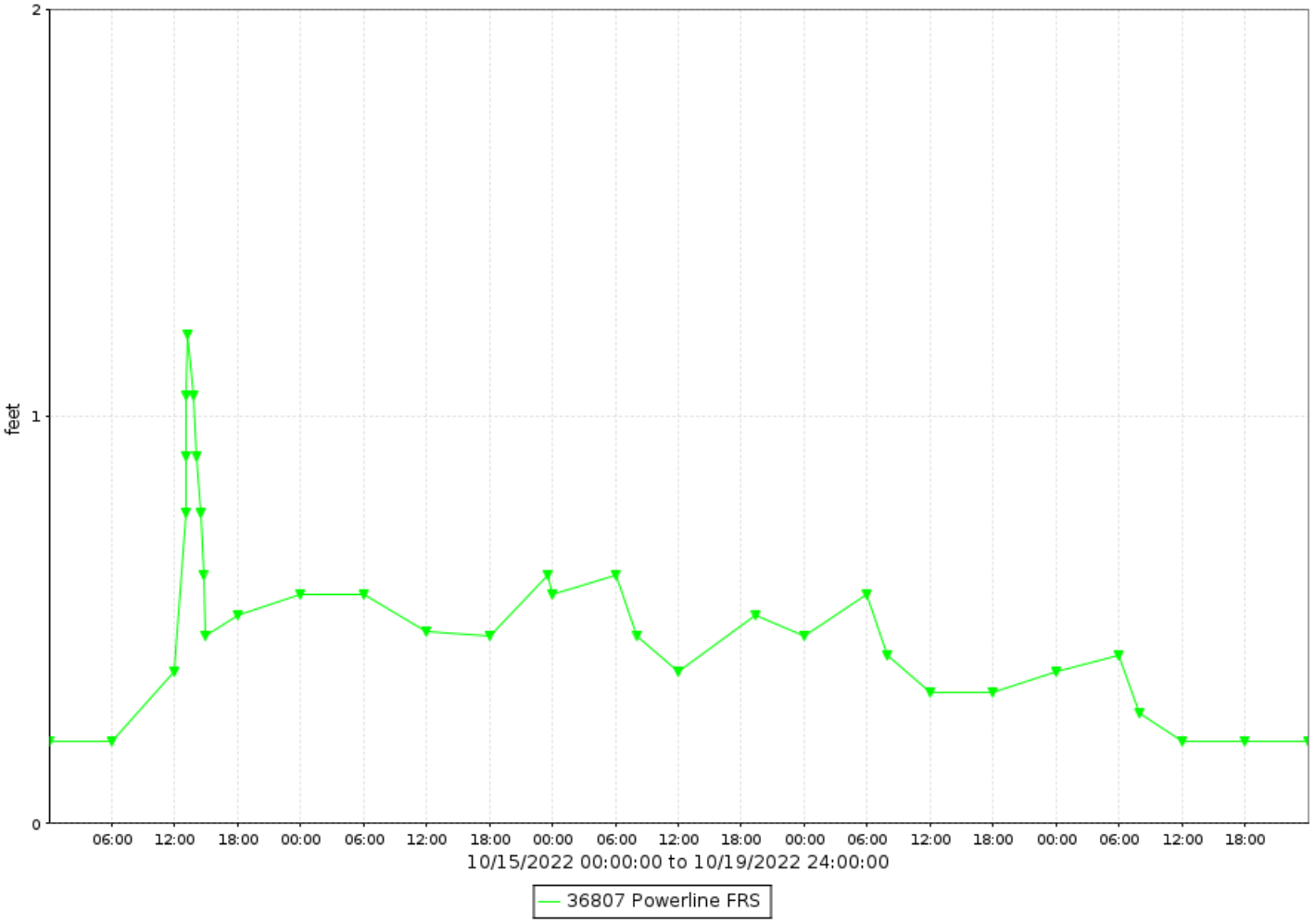




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
10/15	1.20	73.6	1.2
12/3	0.71	40.9	0.7
1/2	0.86	50.9	0.8

Hydrograph of peak 2023 impoundment event, 10/15/2022



Powerline FRS, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

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

WTR YR 2023 TOTAL 38 MEAN 0 MAX 14 MIN 0 AC_FT 75

Powerline FRS, volume data

Volume, in acre-feet, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				16								
2				44								
3			7	20								
4			6									
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15	15											
16	28											
17	26											
18	19											
19	6											
20												
21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
MEAN	3	0	0	3	0	0	0	0	0	0	0	0
MAX	74	0	41	51	0	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 2023 MEAN 1 MAX 74 MIN 0

Powerline FRS, stage data

Depth, in feet, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.2	0.2	0.2	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
2	0.2	0.2	0.2	0.7	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
3	0.2	0.2	0.3	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
4	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
5	0.2	0.2	0.2	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	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
16	0.5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
17	0.5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
18	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
19	0.3	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	1.2	0.2	0.7	0.9	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 2023 MEAN 0.21 MAX 1.20 MIN 0.20

Price Drain @ Loop 202, ID #31507

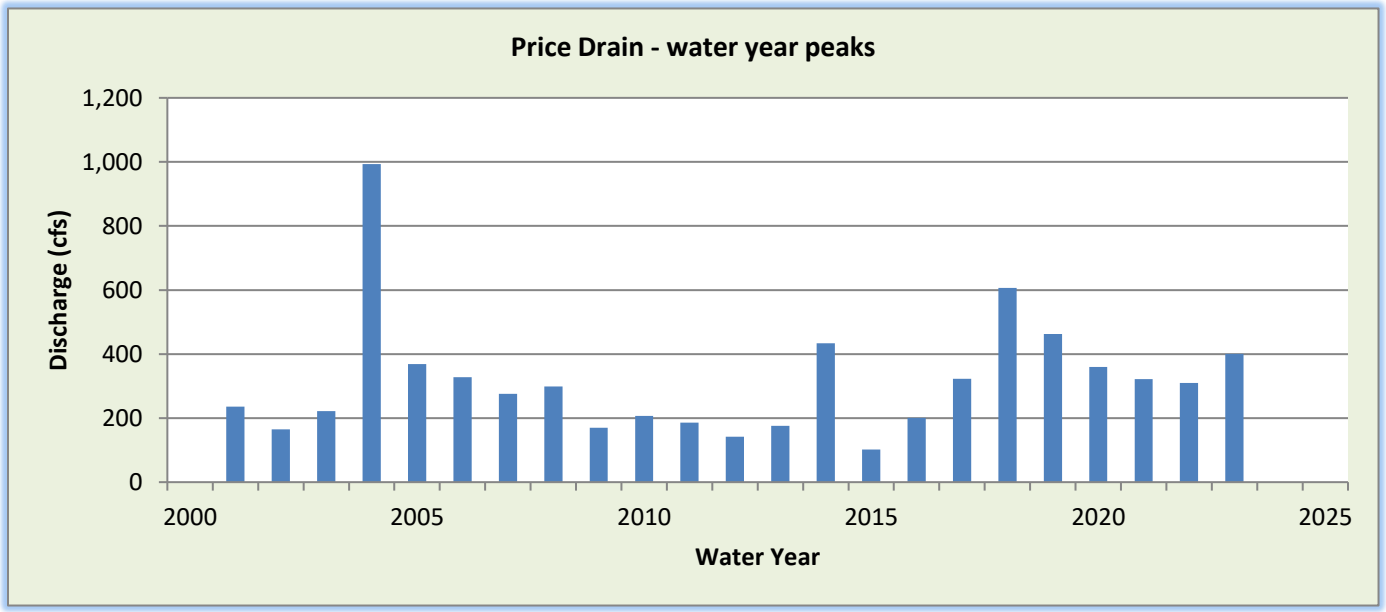


Site Data

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
ARIZONA STATE PLANE	E 708043 | N 885566
USGS QUAD SHEET	Tempe 7.5-Minute
STREAMGAGE INSTALLATION DATE	02/18/2001 – WY 2001
PERIOD OF AVAILABLE DATA RECORD	02/18/2001 – Current
LENGTH OF AVAILABLE DATA RECORD	22.62 Years | 8,260 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.20 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,158.136 feet NAVD 88
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)

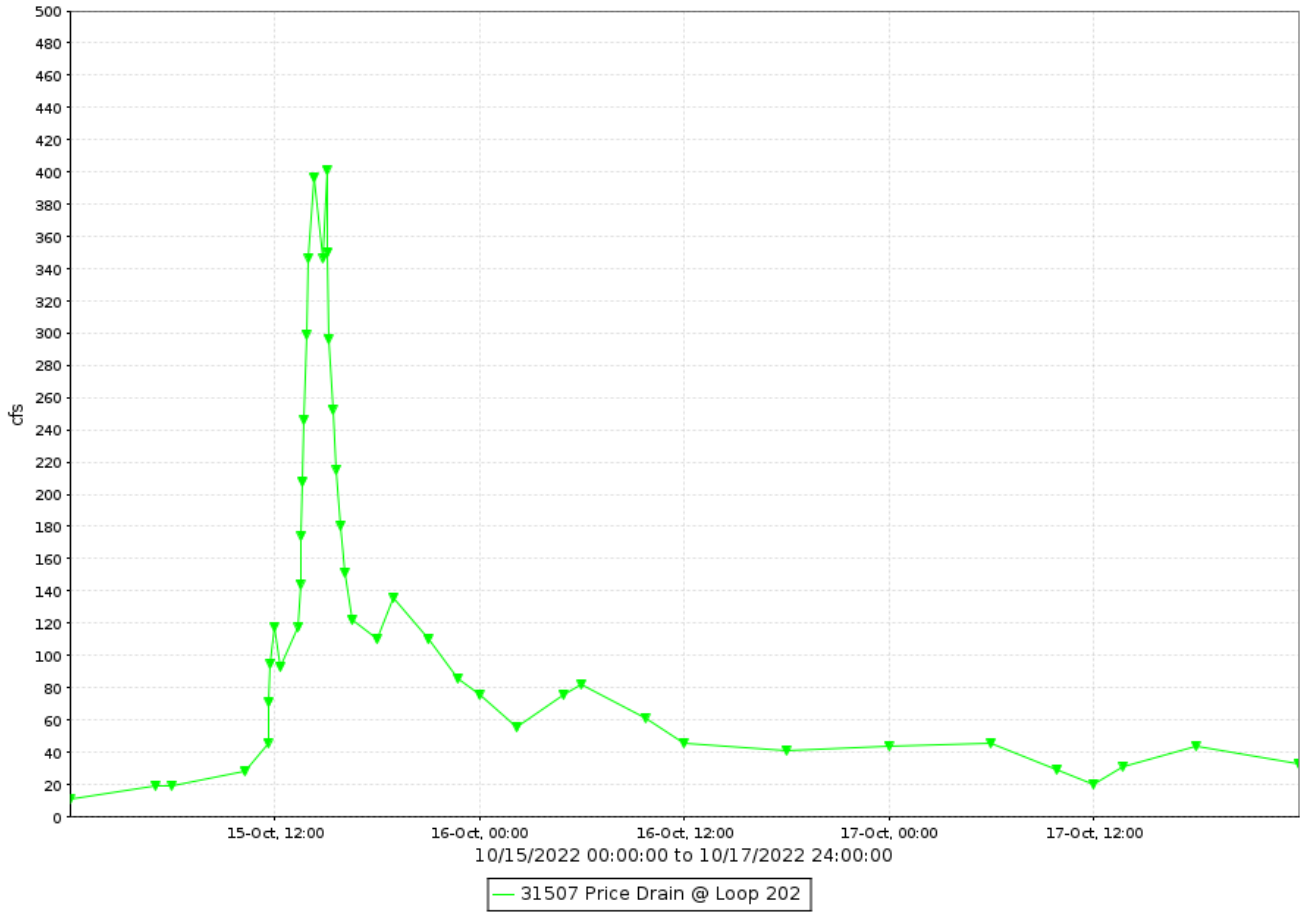




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
10/15	5.18	401
12/4	2.89	126
12/28	2.51	96
1/1	3.46	176
1/16	2.04	64
2/15	1.89	55
2/22	1.52	35
2/26	1.99	61
3/2	2.89	126
3/15	3.98	228
3/22	2.94	130
9/1	1.60	39

Hydrograph of peak WY 2023 flow event, 10/15/2022



Price Drain, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	17	---	---	65	---	28	13	13	18	15	19	35
2	17	---	---	66	3	81	13	13	17	14	12	14
3	18	---	43	18	11	22	10	15	19	14	8	11
4	19	---	86	16	12	12	11	13	15	13	9	8
5	20	---	26	15	11	12	22	14	13	10	8	6
6	18	---	---	12	10	10	15	12	13	12	10	11
7	27	---	---	---	11	8	21	13	20	10	7	11
8	28	---	---	---	10	14	19	12	11	10	10	17
9	29	---	---	---	12	9	20	13	12	10	11	18
10	18	---	---	---	13	9	18	15	9	12	5	18
11	20	---	---	---	18	14	19	15	12	12	13	16
12	13	---	---	---	18	18	20	12	12	13	14	16
13	13	---	---	---	19	17	16	12	12	7	16	25
14	14	---	2	---	19	17	17	14	17	14	16	18
15	86	---	---	---	24	43	16	11	17	11	15	11
16	57	---	---	30	17	90	15	10	16	14	14	10
17	39	---	---	17	15	26	14	15	13	13	9	11
18	21	---	---	8	13	15	16	10	12	13	14	14
19	20	8	---	---	15	16	20	11	9	13	11	8
20	16	32	---	---	13	18	18	18	6	16	9	12
21	20	13	---	---	16	19	15	14	13	15	9	11
22	15	---	---	---	24	24	16	13	12	12	11	16
23	15	---	---	---	19	225	16	12	8	15	14	17
24	15	---	---	---	17	218	14	18	9	14	9	18
25	11	---	---	---	17	27	16	12	11	8	12	12
26	15	---	---	---	38	15	19	14	11	12	16	11
27	---	---	---	---	17	14	17	14	8	15	18	5
28	---	---	39	---	14	13	13	14	11	17	18	4
29	---	---	6	---	---	12	11	12	10	15	15	7
30	---	---	---	---	---	14	15	10	10	19	13	5
31	---	---	---	---	---	14	---	16	---	18	17	---
TOTAL	602	53	201	248	425	1074	484	410	373	403	383	396
MEAN	19	2	6	8	15	35	16	13	12	13	12	13
MAX	401	81	126	176	61	1163	33	21	27	25	35	39
MIN	---	---	---	---	---	6	7	6	3	4	4	1
AC_FT	1194	105	400	493	844	2131	959	814	740	799	759	785

WTR YR 2023 TOTAL 5053 MEAN 14 MAX 1163 MIN --- AC_FT 10023

NOTE: There is almost always a base flow at this location, of undetermined origin.

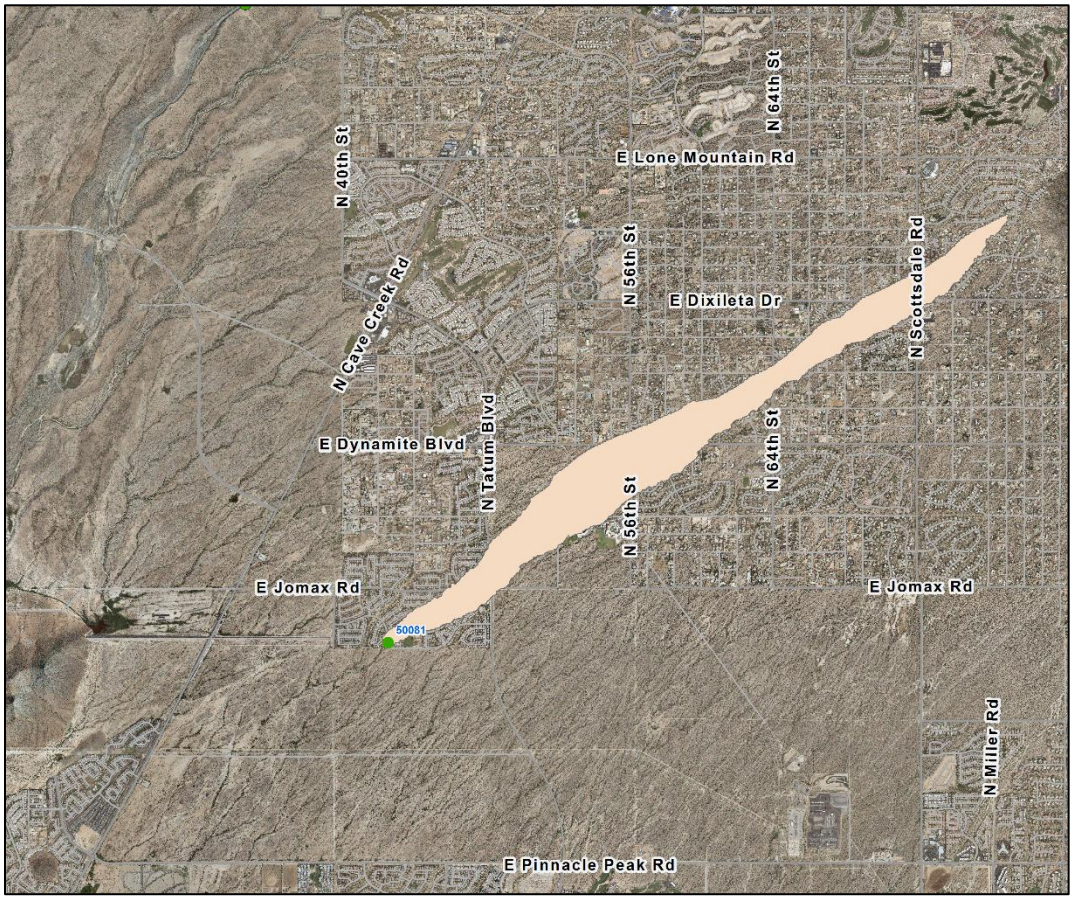
Prickly Pear Wash, ID #8107

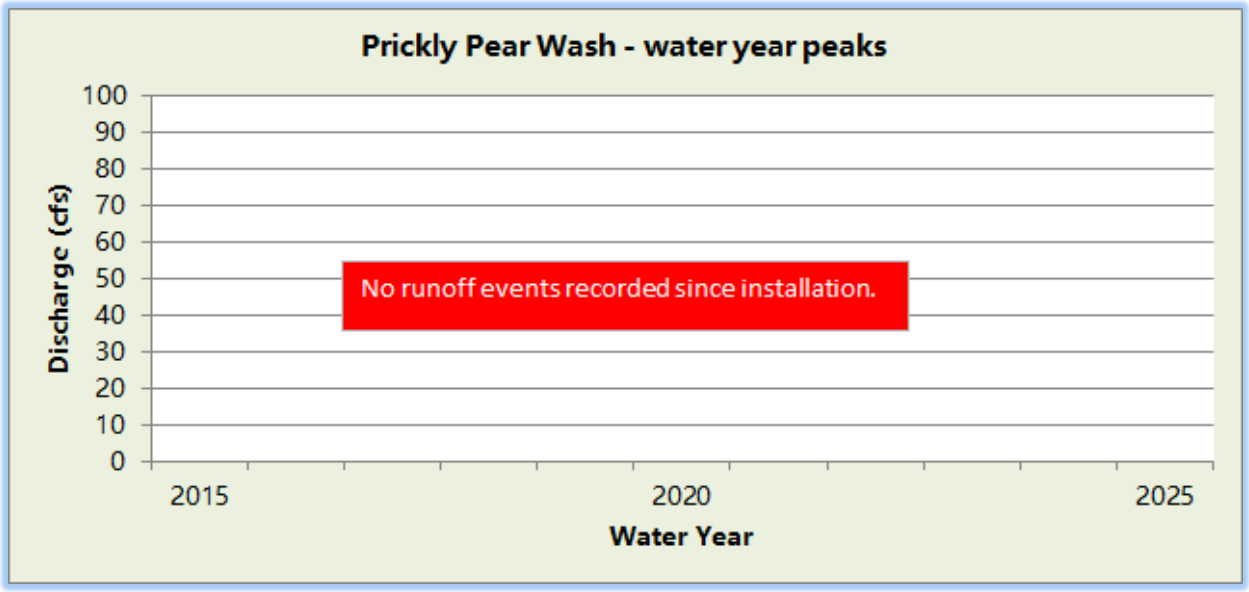


Site Data

LOCATION	**Located at John Teets Park near 43rd Way and Ramuda Drive**
DRAINAGE AREA	**1.38 mi^2**
STREAM TYPE	**Channelized Natural Stream**
JURISDICTION	**Phoenix, Arizona**
WATERSHED	**Upper Indian Bend Wash**
SECTION/TOWNSHIP/RANGE	**S06 T4N R4E**
LATITUDE	**N 33° 43’ 15.9” | +33.72107**
LONGITUDE	**W 111° 59’ 24.0” | -111.99001**
ARIZONA STATE PLANE	**E 677700 | N 989880**
USGS QUAD SHEET	**Curry’s Corner 7.5-Minute**
STREAMGAGE INSTALLATION DATE	**06/01/2017 – WY 2017**
PERIOD OF AVAILABLE DATA RECORD	**06/01/2017 – Current**
LENGTH OF AVAILABLE DATA RECORD	**6.33 Years | 2,313 Days**
GAPS IN RECORD	**None**
STAGE GAGE TYPE	**Pressure Transducer**
STAGE GAGE ELEVATION	**0.70 feet Gage Height**
STAFF GAGES	**None**
CREST STAGE GAGES	**None**
ZERO GAGE HEIGHT ELEVATION	**1,730.253 feet NAVD88**
POINT OF ZERO FLOW	**0.0 feet Gage Height**
EXTREME FOR PERIOD OF RECORD	**No Events Recorded**

Watershed Map





WY2023 Events

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

Hydrograph of peak WY 2023 flow event

There was no runoff events recorded in Water Year 2023.

Prickly Pear Wash, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

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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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 2023 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

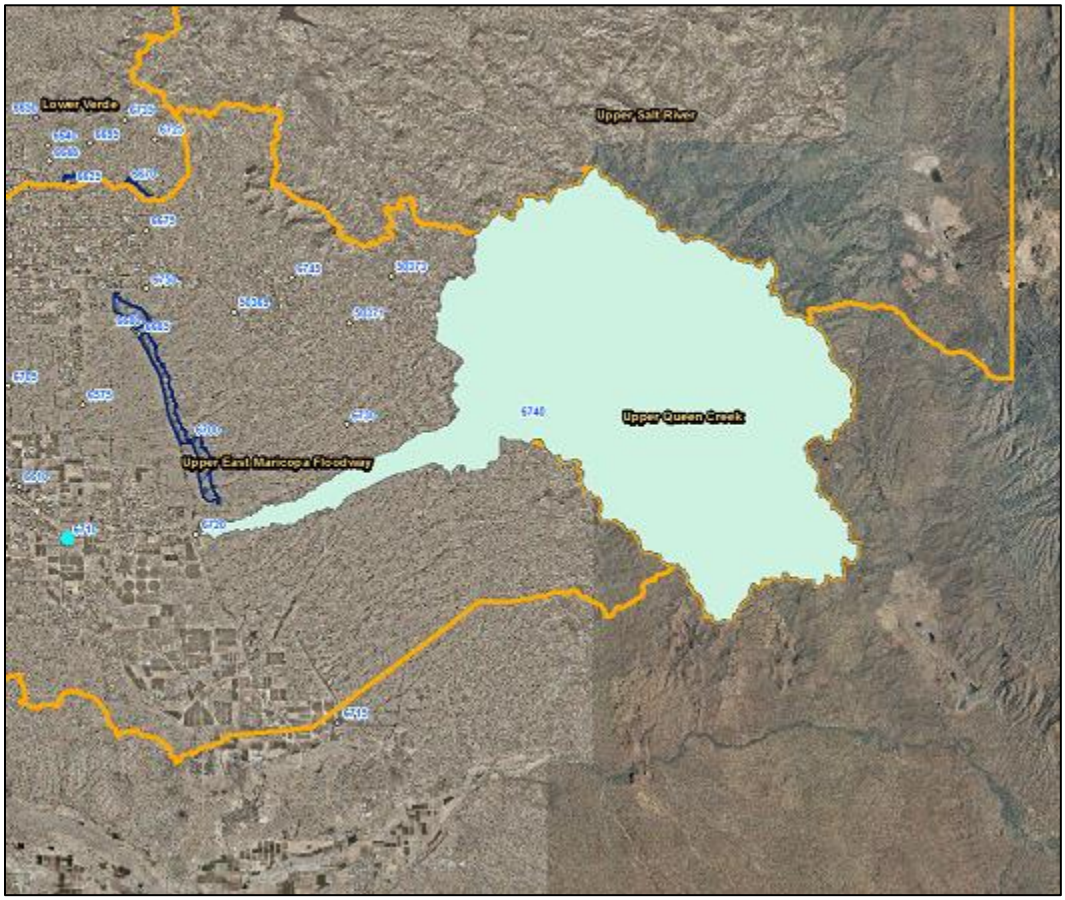
Queen Creek at CAP, ID #38007

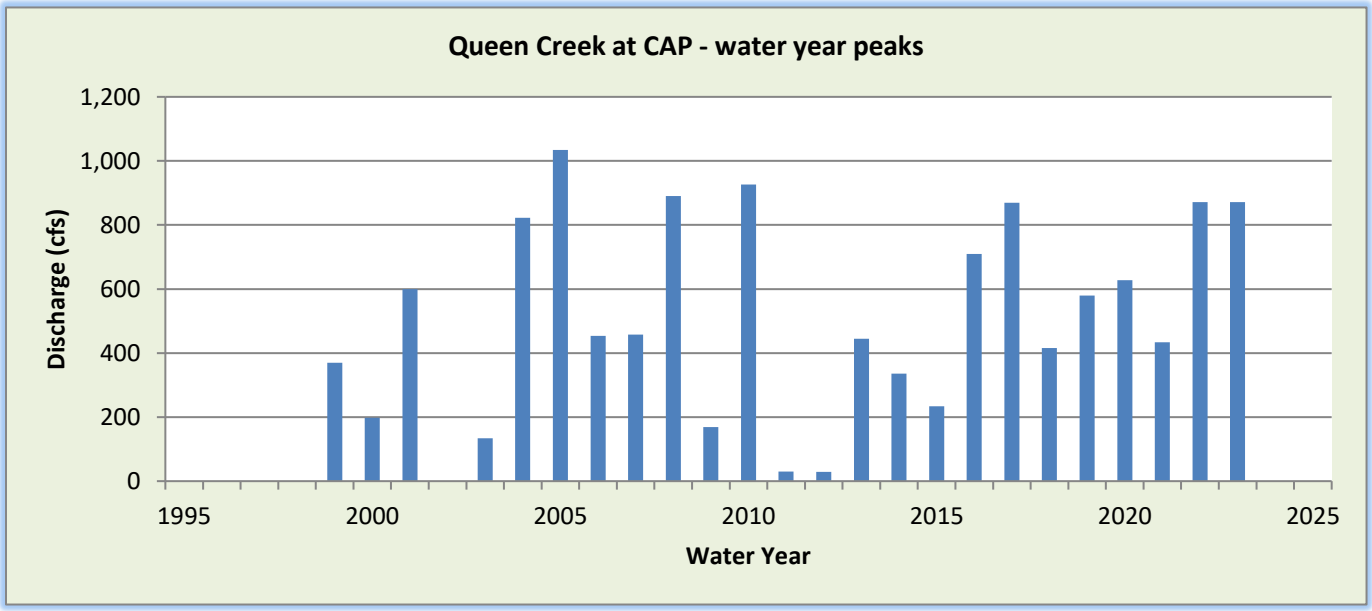


Site Data

LOCATION	Located in Pinal County at the CAP crossing and the Sonoqui Dike
DRAINAGE AREA	200 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
ARIZONA STATE PLANE	E 826447 | N 812254
USGS QUAD SHEET	Magma 7.5-Minute
STREAMGAGE INSTALLATION DATE	01/14/1999 – WY 1999
PERIOD OF AVAILABLE DATA RECORD	01/14/1999 – Current
LENGTH OF AVAILABLE DATA RECORD	24.71 Years | 9,026 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.20 feet Gage Height
STAFF GAGES	None
CREST STAGE GAGES	None
ZERO GAGE HEIGHT ELEVATION	1,569.003 feet NAVD88
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	1,034 cfs | 10.15 feet | 02/12/2005

Watershed Map

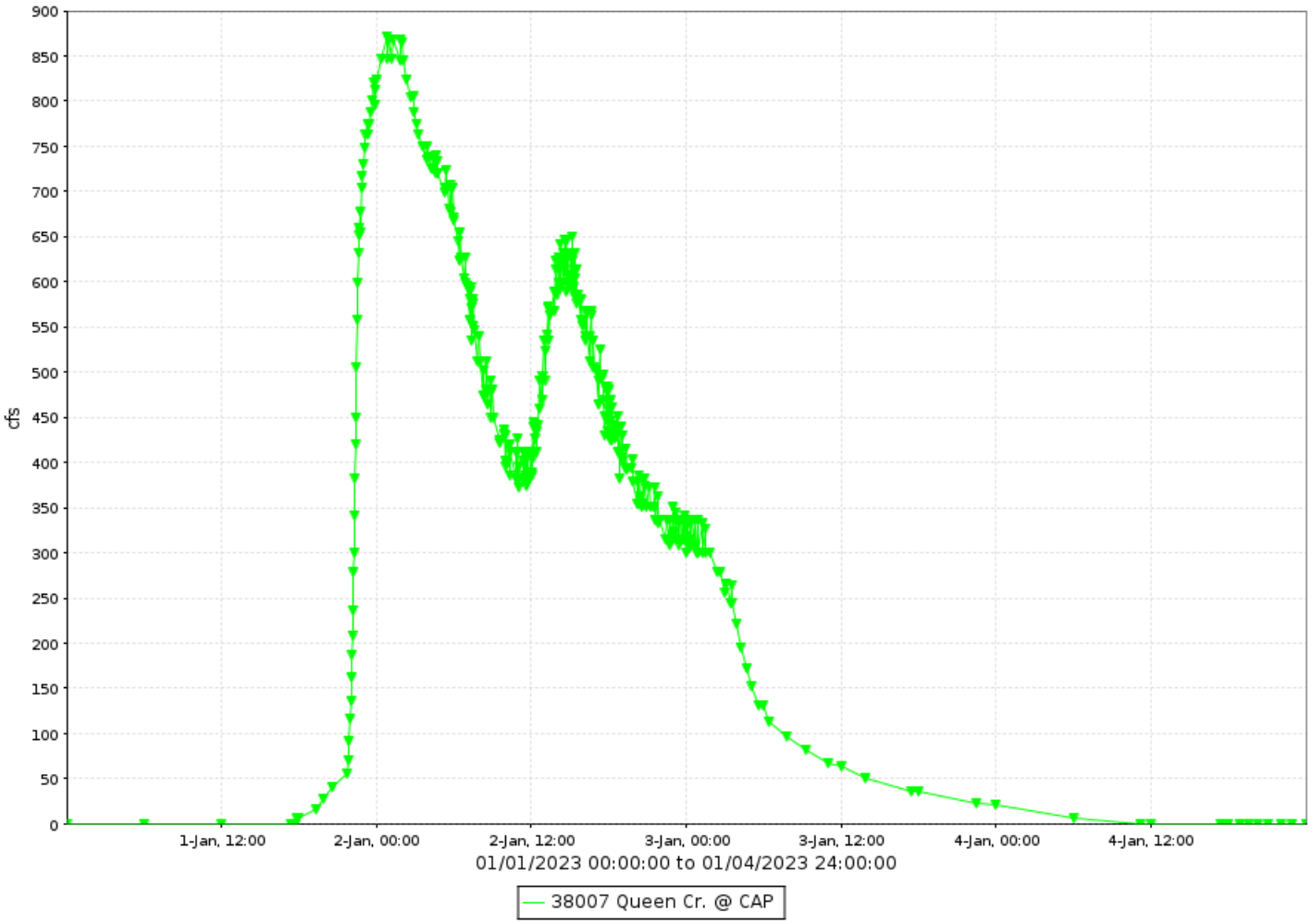




WY2023 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
12/5	3.44	80
1/2	8.27	871
1/17	6.03	535
3/3	3.46	82
3/17	2.84	14
3/23	2.94	23

Hydrograph of peak WY 2023 flow event, 01/02/2023



Queen Creek at CAP, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				56								
2				546		2						
3				108		59						
4			16	7		48						
5			29			19						
6						2						
7												
8												
9												
10												
11												
12												
13												
14												
15												
16				102		2						
17				373		8						
18				120								
19				21								
20				1								
21												
22												
23						13						
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	45	1333	0	154	0	0	0	0	0	0
MEAN	0	0	1	43	0	5	0	0	0	0	0	0
MAX	0	0	80	871	0	82	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	88	2644	0	305	0	0	0	0	0	0

WTR YR 2023 TOTAL 1532 MEAN 4 MAX 871 MIN 0 AC_FT 3038

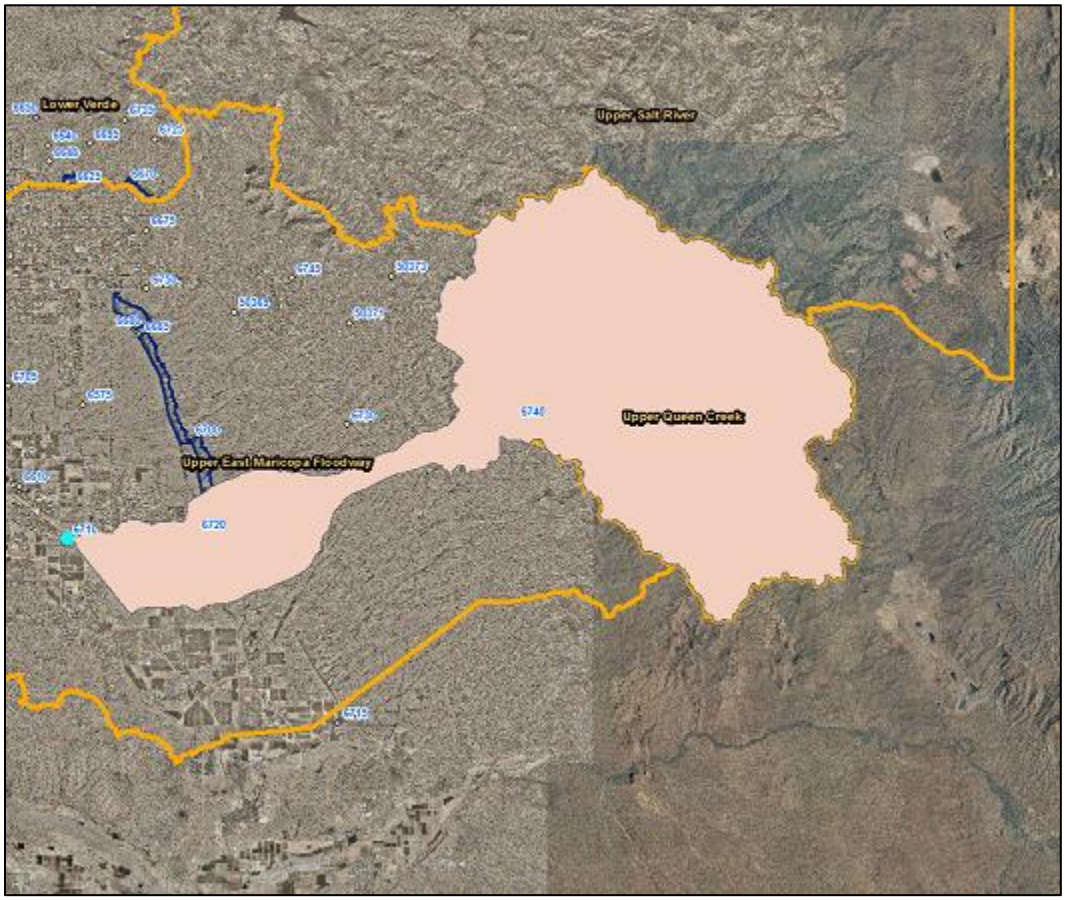
Queen Creek at Rittenhouse Road, ID #37707

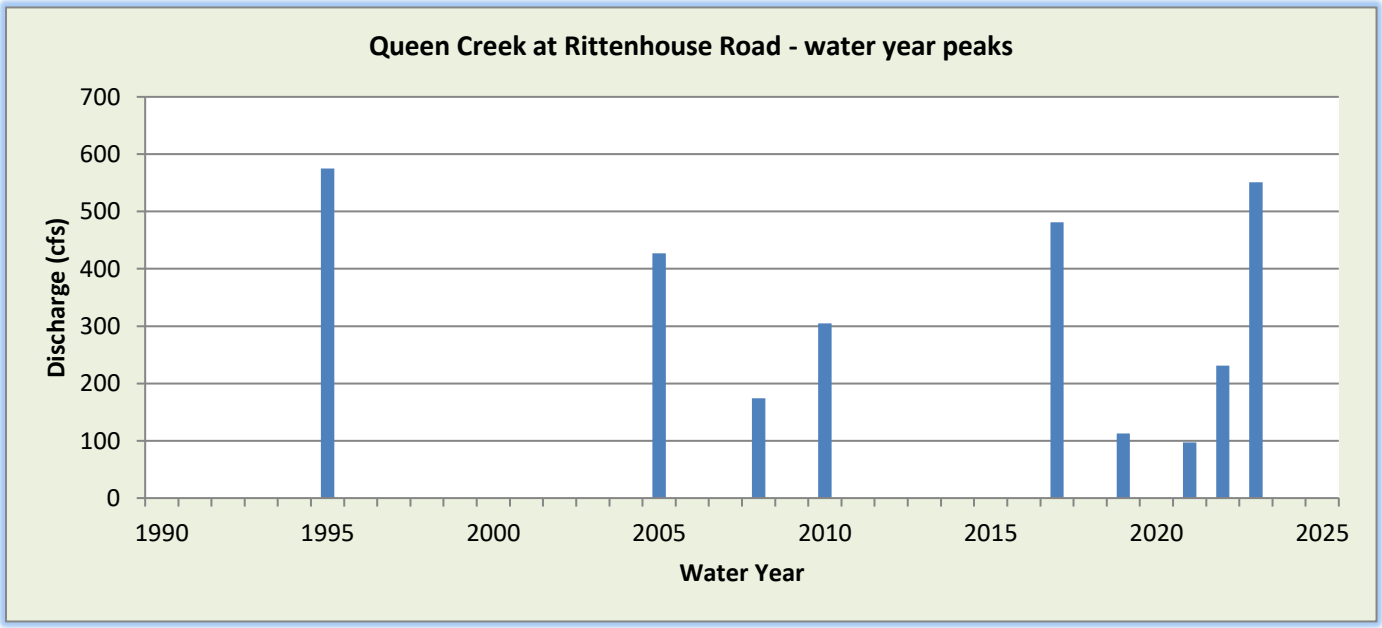


Site Data

LOCATION	At the Queen Creek crossing of Rittenhouse Road
DRAINAGE AREA	236 mi^2
STREAM TYPE	Box Culvert on 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
ARIZONA STATE PLANE	E 798582 | N 811460
USGS QUAD SHEET	Sacaton NE 7.5-Minute
STREAMGAGE INSTALLATION DATE	09/14/1993 – WY 1993
PERIOD OF AVAILABLE DATA RECORD	09/14/1993 – Current
LENGTH OF AVAILABLE DATA RECORD	30.05 Years | 10,974 Days
GAPS IN RECORD	05/28/2014 – 06/29/2014; 09/19/2019 – 07/21/2020
STAGE GAGE TYPE	None
STAGE GAGE ELEVATION	0.10 feet Gage Height
STAFF GAGES	One
CREST STAGE GAGES	One
ZERO GAGE HEIGHT ELEVATION	1,438.00 feet NAVD88
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	575 cfs | 2.25 feet | 01/05/1995

Watershed Map

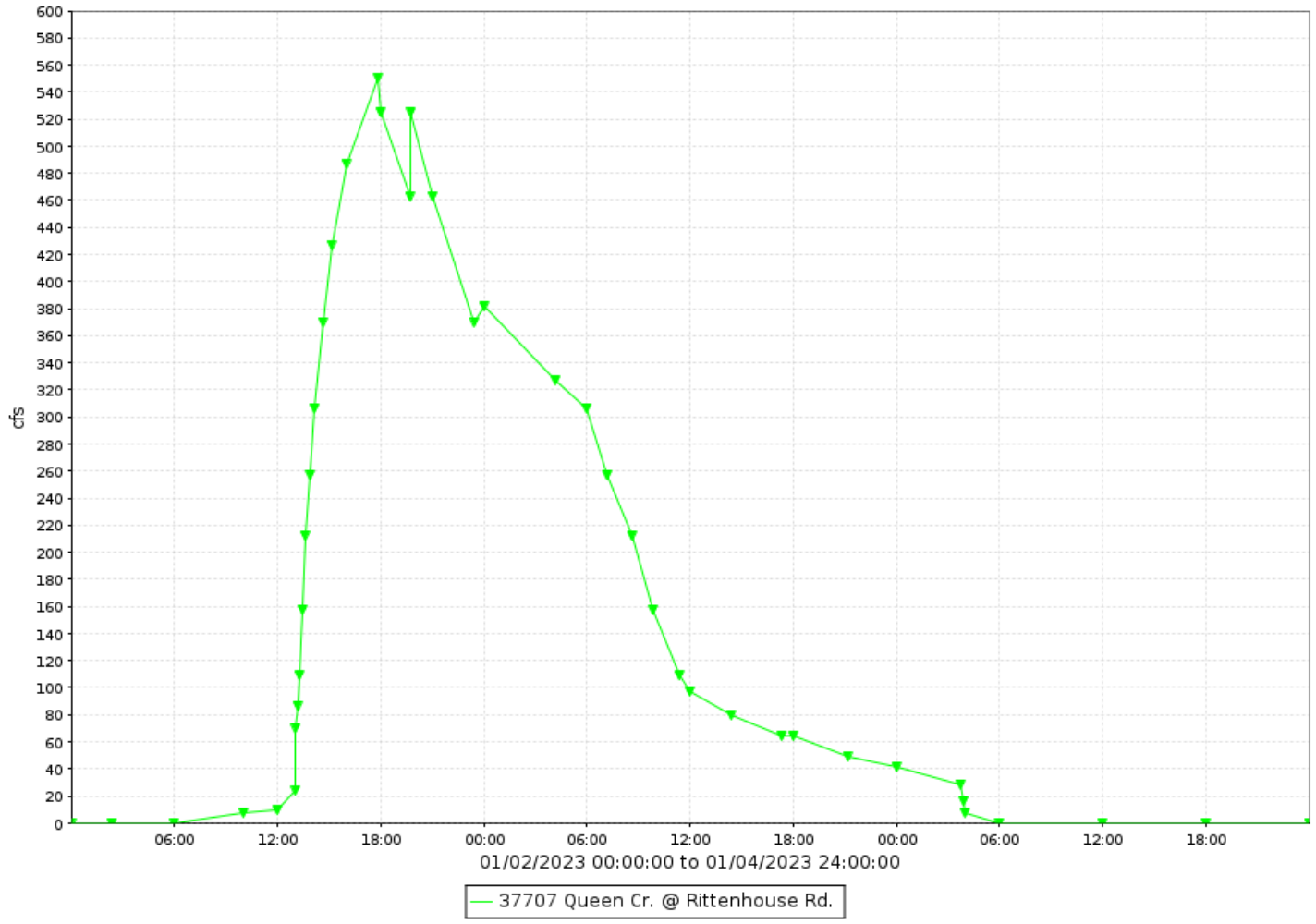




WY2023 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
10/16	0.72	55
12/4	0.67	49
1/2	2.12	551
1/17	1.65	327

Hydrograph of peak WY 2023 flow event, 01/02/2023



Queen Creek at Rittenhouse Road, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2				200								
3			17	181								
4			29	7								
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15	13											
16	39											
17	9			140								
18				55								
19				14								
20				3								
21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	61	0	46	601	0	0	0	0	0	0	0	0
MEAN	2	0	1	19	0	0	0	0	0	0	0	0
MAX	55	0	49	551	0	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	121	0	91	1192	0	0	0	0	0	0	0	0

WTR YR 2023 TOTAL 708 MEAN 2 MAX 551 MIN 0 AC_FT 1403

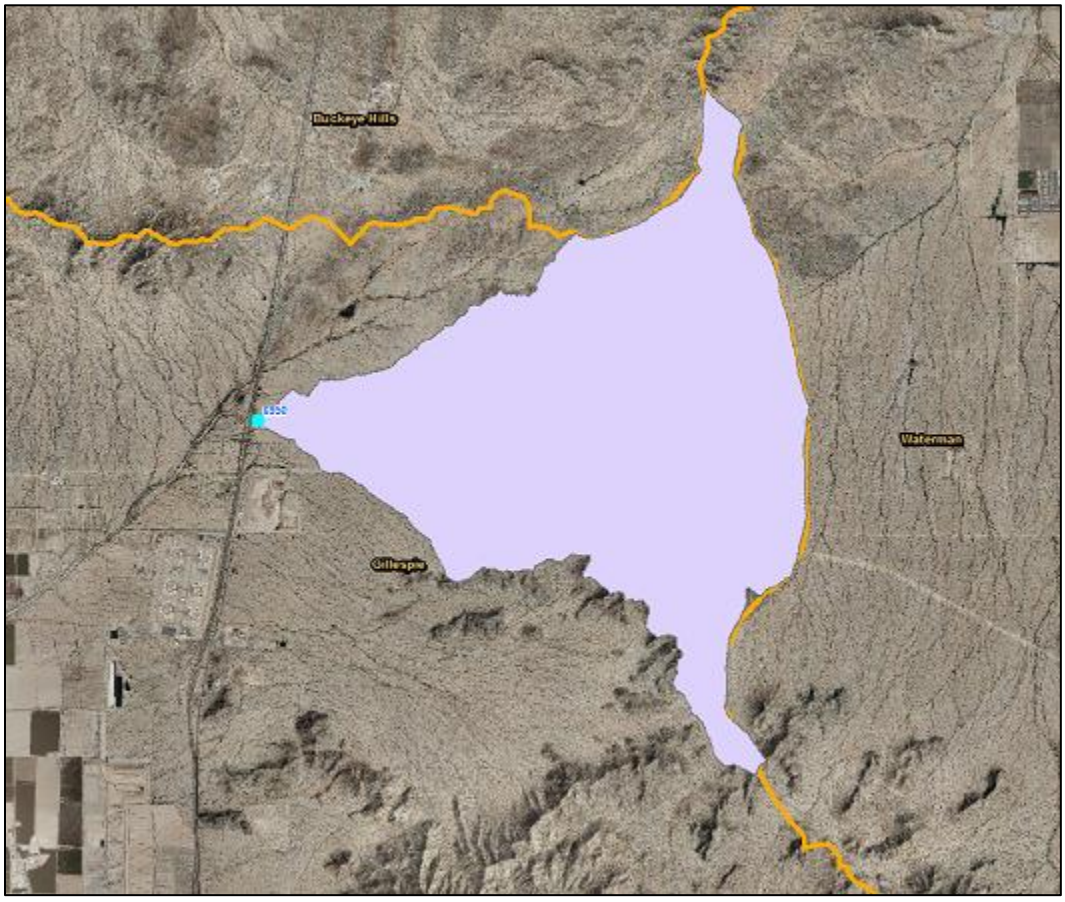
Rainbow Wash, ID #42807

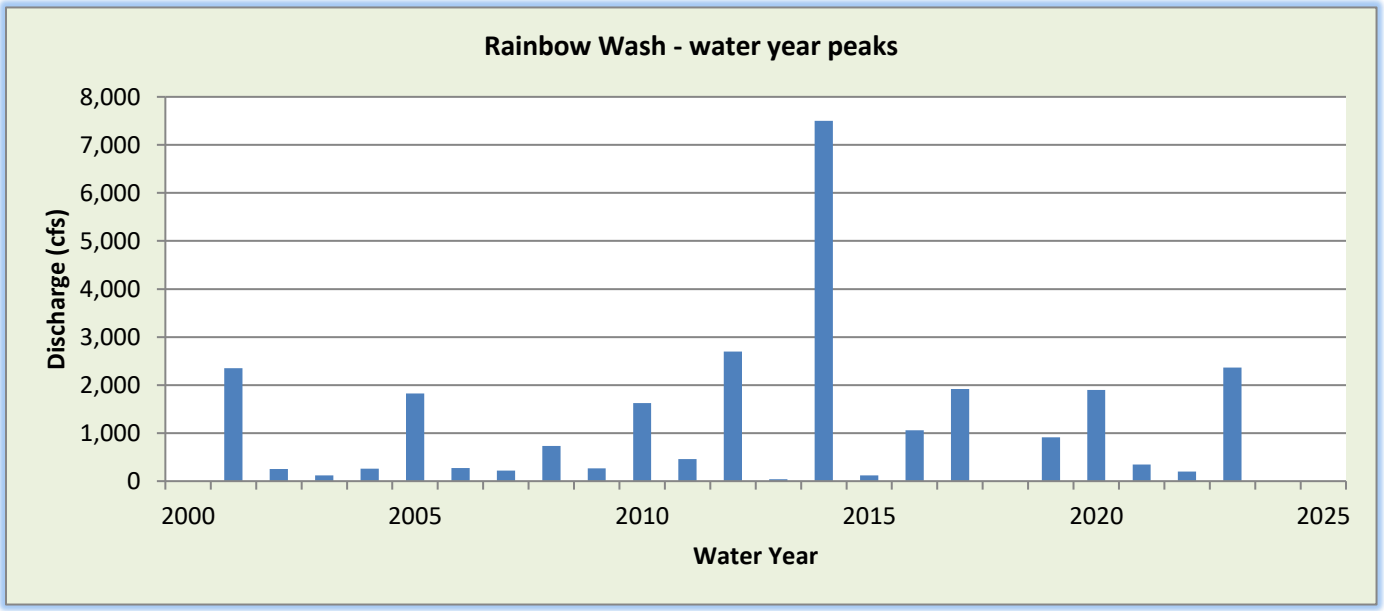


Site Data

LOCATION	Located on SR85 about 10 miles south of Buckeye
DRAINAGE AREA	18.3 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
ARIZONA STATE PLANE	E 479082 | N 813998
USGS QUAD SHEET	Cotton Center NW 7.5-Minute
STREAMGAGE INSTALLATION DATE	11/06/2000 – WY 2001
PERIOD OF AVAILABLE DATA RECORD	11/06/2000 – Current
LENGTH OF AVAILABLE DATA RECORD	22.90 Years | 8,364 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.07 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	900.06 feet NAVD88
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

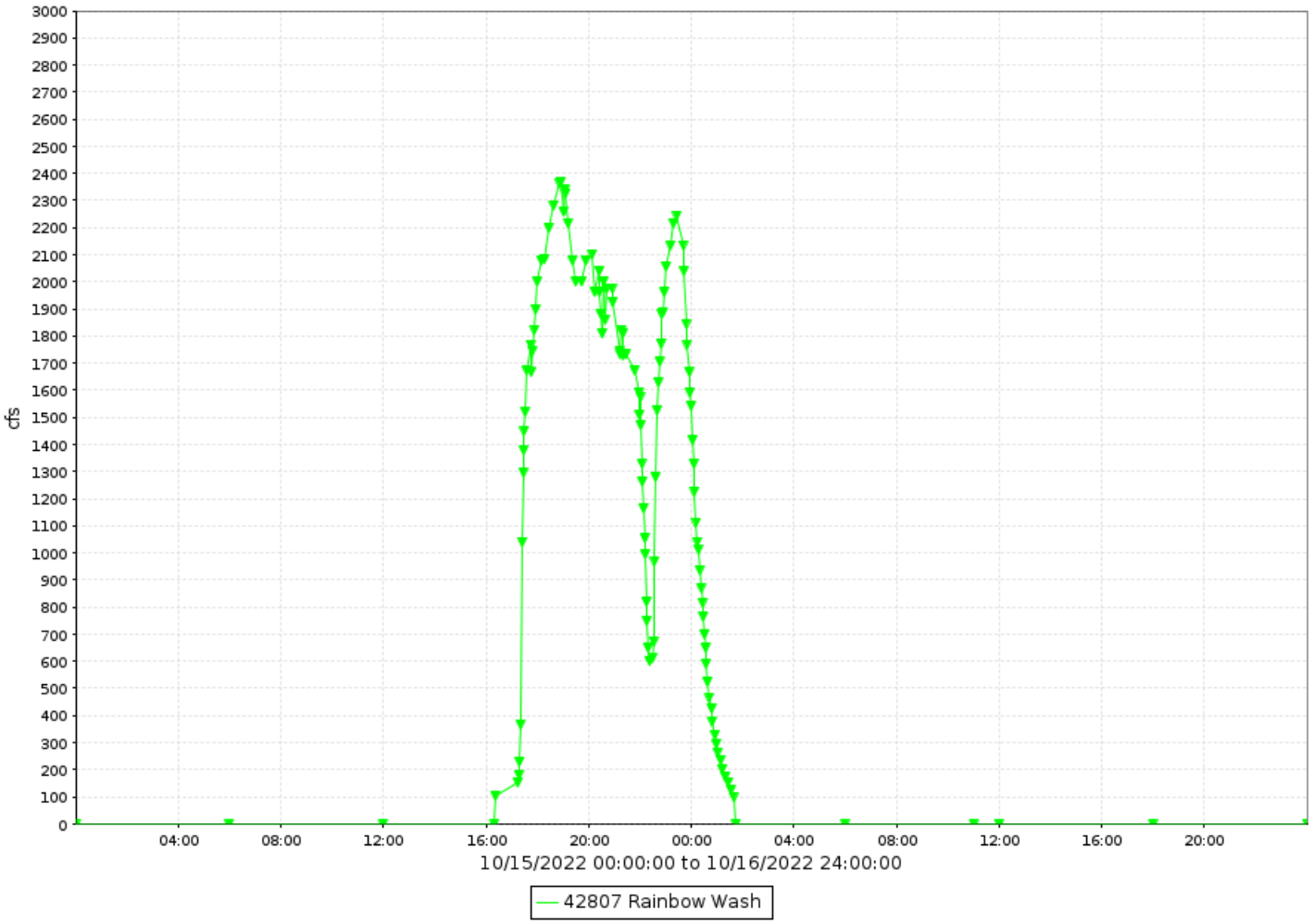




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
10/15	4.42	2368

Hydrograph of peak WY 2023 flow event, 10/15/2022



Rainbow Wash, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

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	517											
16	39											
17												
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26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	556	0	0	0	0	0	0	0	0	0	0	0
MEAN	18	0	0	0	0	0	0	0	0	0	0	0
MAX	2368	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	1103	0	0	0	0	0	0	0	0	0	0	0

WTR YR 2023 TOTAL 556 MEAN 2 MAX 2368 MIN 0 AC_FT 1103

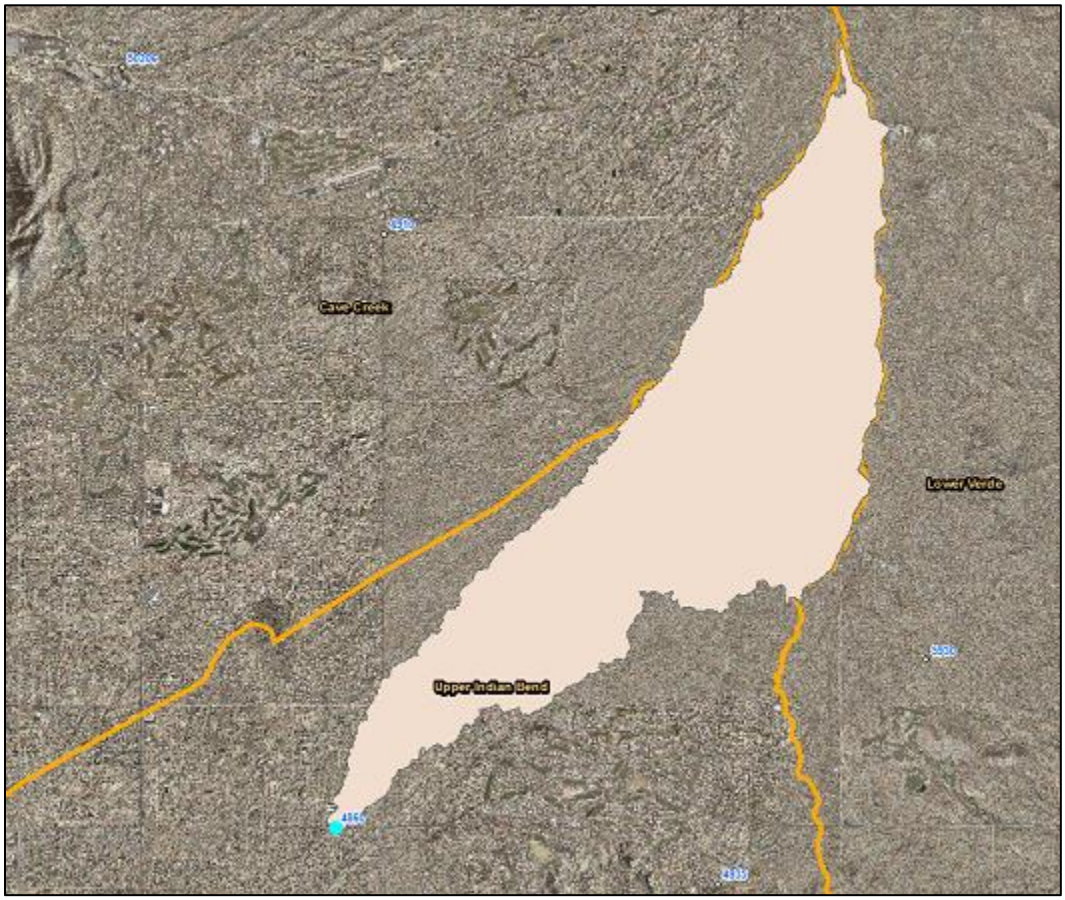
Rawhide Wash, ID #61007

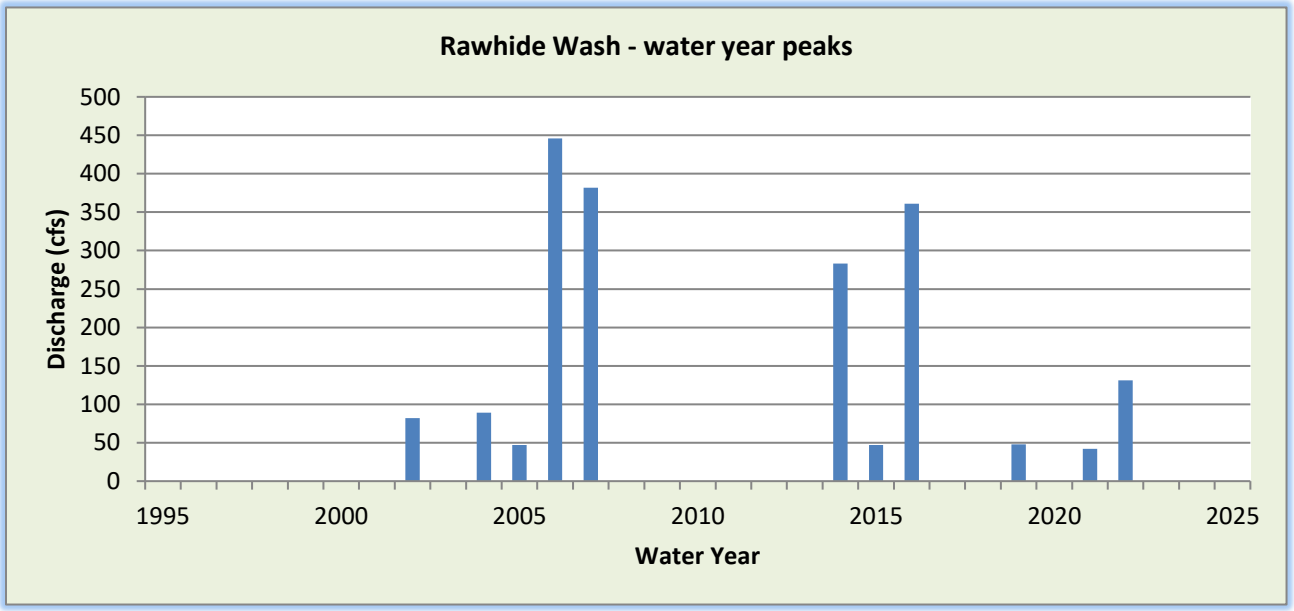


Site Data

LOCATION	On Dynamite Boulevard about ¼ mile west of Pima Road
DRAINAGE AREA	8.9 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
ARIZONA STATE PLANE	E 705634 | N 997198
USGS QUAD SHEET	Curry’s Corner 7.5-Minute
STREAMGAGE INSTALLATION DATE	07/27/1999 – WY 1999
PERIOD OF AVAILABLE DATA RECORD	07/27/1999 – Current
LENGTH OF AVAILABLE DATA RECORD	24.18 Years | 8,832 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.52 feet Gage Height
STAFF GAGES	1
CREST STAGE GAGES	2
ZERO GAGE HEIGHT ELEVATION	2,220.142 feet NAVD88
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	446 cfs | 2.07 feet | 09/09/2006

Watershed Map





WY2023 Events

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

Hydrograph of peak WY 2023 flow event

No runoff recorded during Water Year 2023.

Rawhide Wash, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

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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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 2023 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

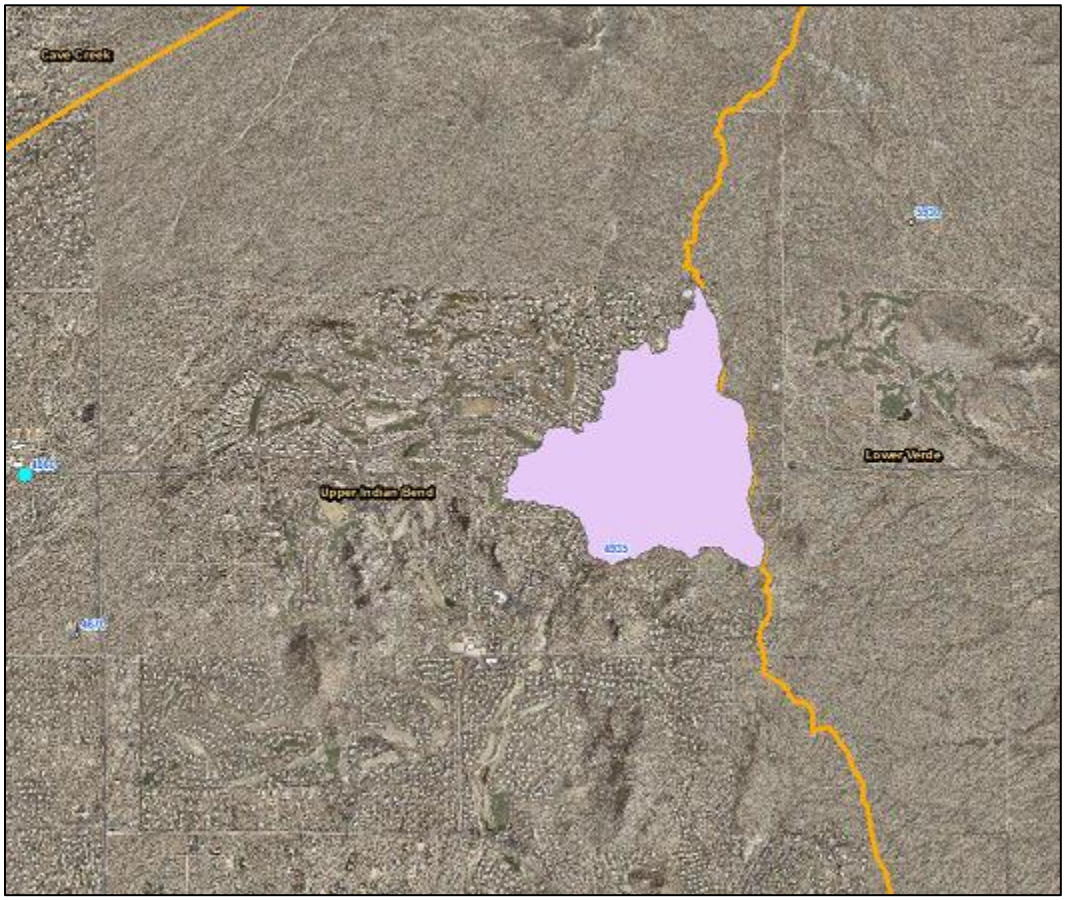
Reata Pass Dam, ID #61207

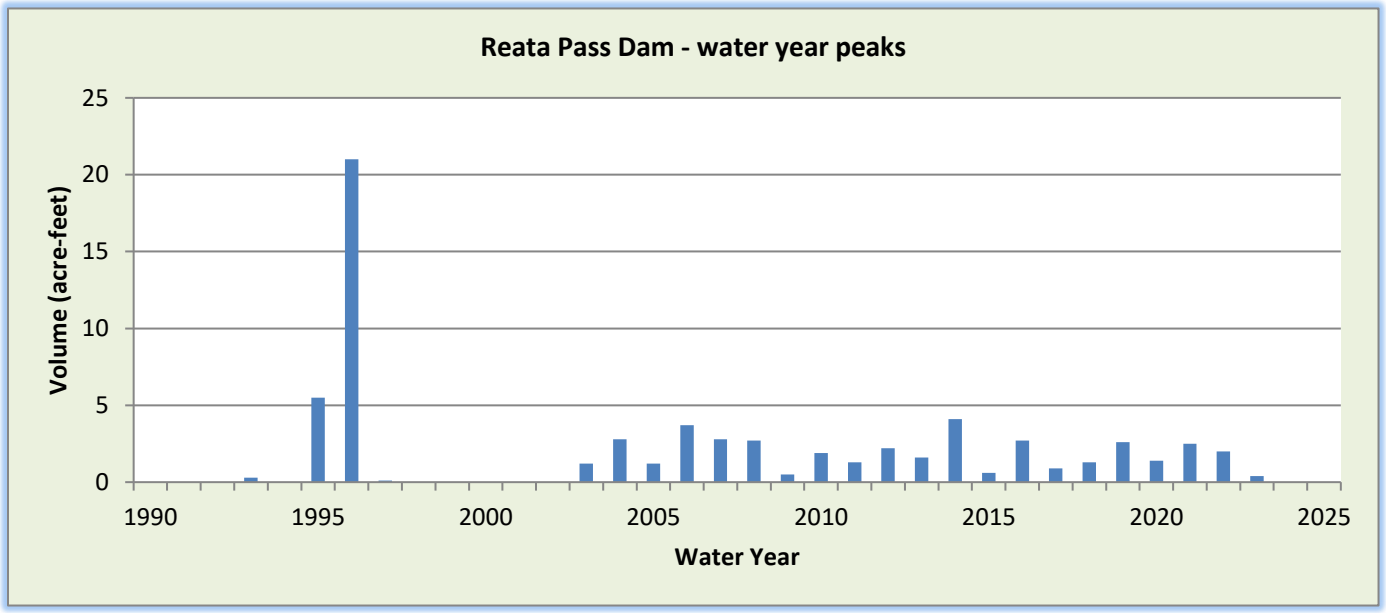


Site Data

LOCATION	Located south of Dynamite Boulevard and east of Alma School Parkway
DRAINAGE AREA	1.15 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
ARIZONA STATE PLANE	E 722200 | N 994776
USGS QUAD SHEET	McDowell Peak 7.5-Minute
STREAMGAGE INSTALLATION DATE	10/02/2001 – WY 2002
PERIOD OF AVAILABLE DATA RECORD	10/02/2001 – Current
LENGTH OF AVAILABLE DATA RECORD	22.00 Years | 8,034 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.15 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	2,590.50 feet NAVD88
POINT OF ZERO FLOW	0.00 feet Gage Height
SPILLWAY CREST ELEVATION	16.50 feet Gage Height
TOP OF DAM ELEVATION	19.30 feet Gage Height
MAXIMUM RECORDED IMPOUNDMENT	8.51 ft. | 21.0 ac-ft | 42.4 % full | 08/30/1996

Watershed Map

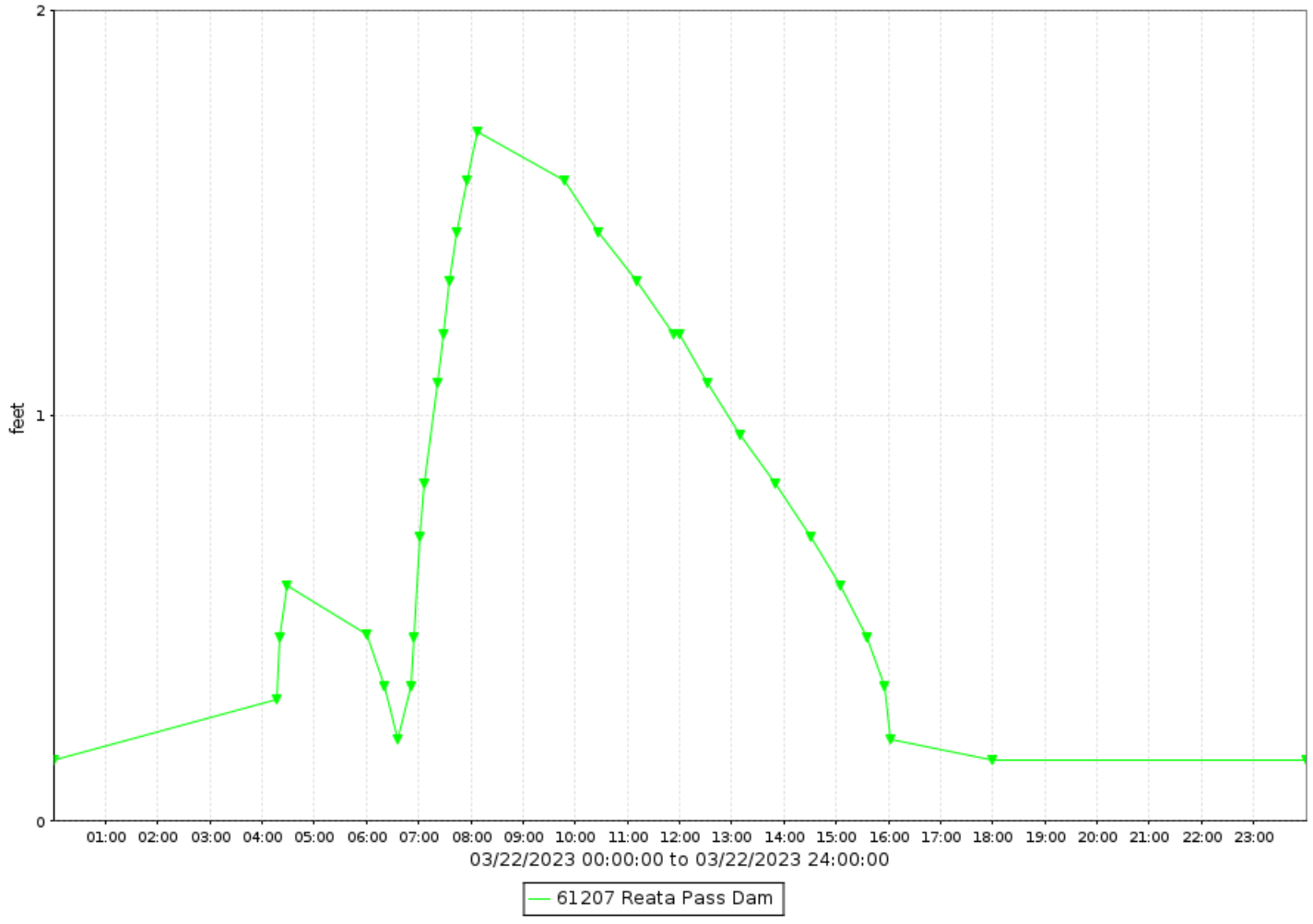




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
12/28	0.75	0.0	0.4
1/1	1.43	0.2	0.8
3/1	1.43	0.2	0.8
3/15	0.65	0.0	0.3
3/22	1.70	0.4	0.9

Hydrograph of peak 2023 impoundment event, 03/22/2023



Reata Pass Dam, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

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

WTR YR 2023 TOTAL 3 MEAN 0 MAX 10 MIN 0 AC_FT 5

Reata Pass Dam, volume data

Volume, in Acre-Feet, Water Year October 2022 to September 2023

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		---			---		---		---			---
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 2023 MEAN 0 MAX 0 MIN 0

Reata Pass Dam, stage data

Depth, in feet, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.1	0.1	0.1	0.4	0.1	0.3	0.1	0.1	0.1	0.1	0.1	0.1
2	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1
3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
4	0.1	0.1	0.2	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	0.2	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	0.2	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	0.2	0.1	0.1	0.1	0.1	0.1	0.1
16	0.1	0.1	0.1	0.2	0.1	0.2	0.1	0.1	0.1	0.1	0.2	0.1
17	0.1	0.1	0.1	0.2	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	0.6	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	0.2	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	0.2	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	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.2	0.1
MAX	0.1	0.1	0.8	1.4	0.4	1.7	0.1	0.1	0.1	0.1	1.1	0.1
MIN	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

WTR YR 2023 MEAN 0.15 MAX 1.70 MIN 0.15

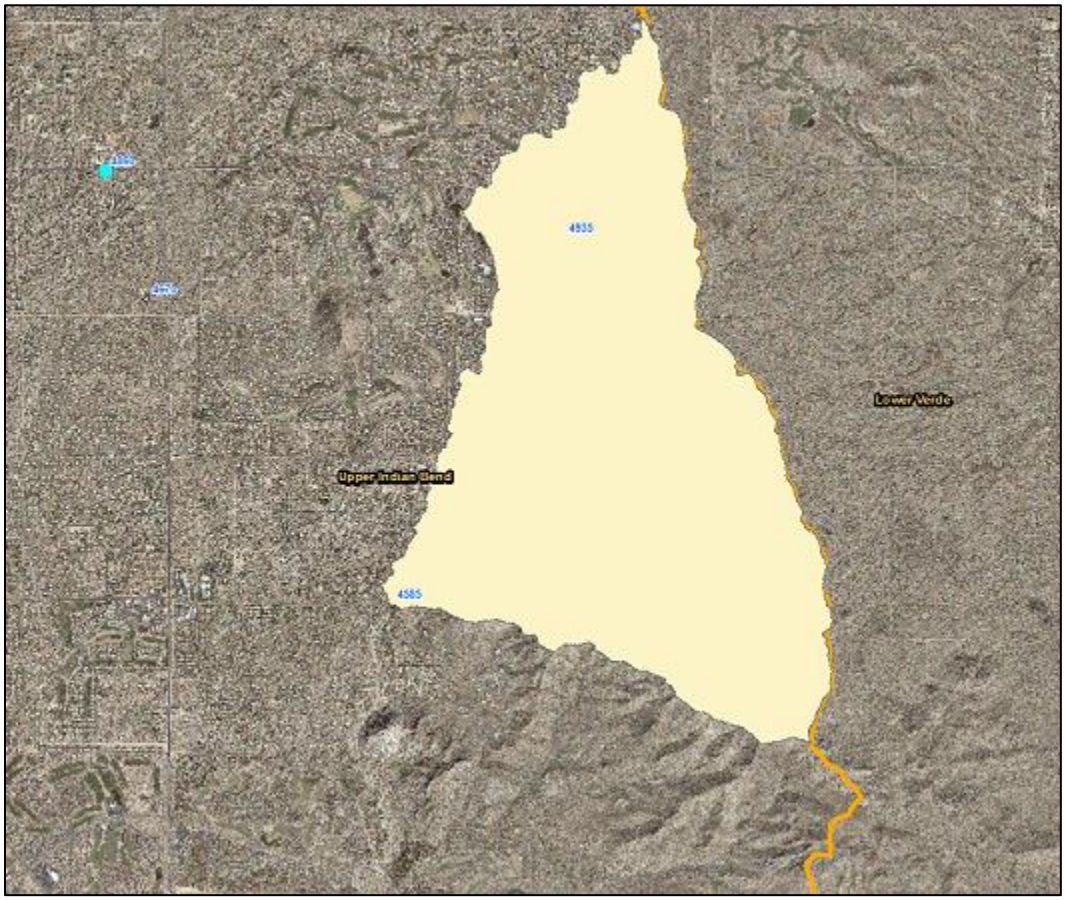
Reata Pass Wash, ID #60007

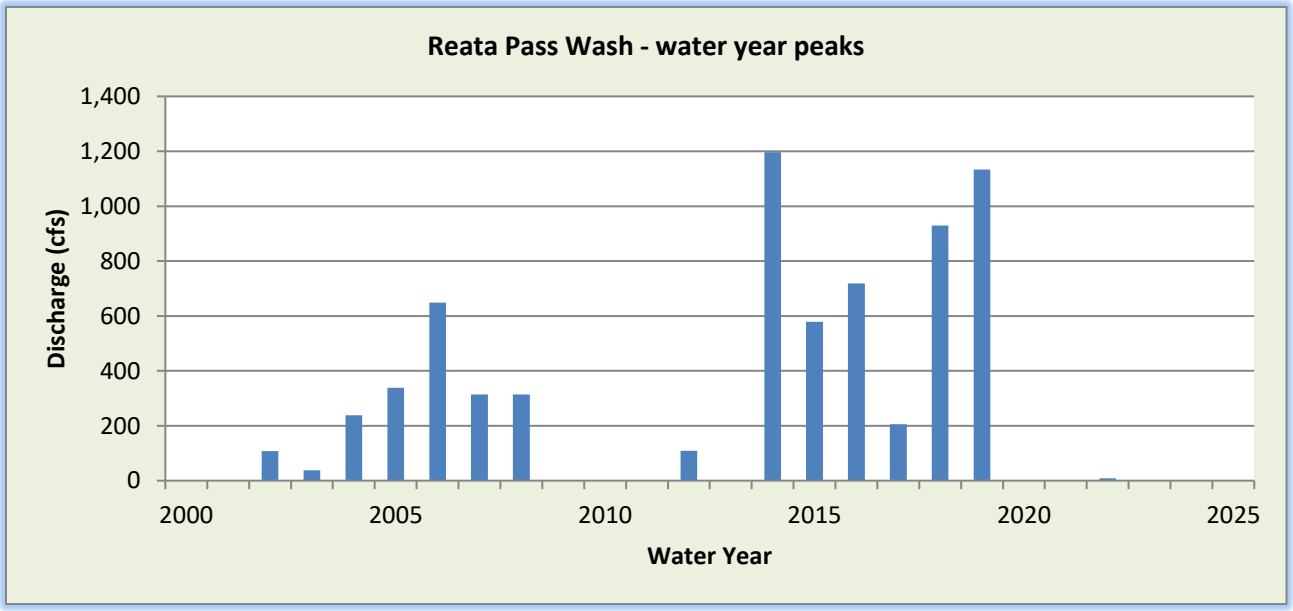


Site Data

LOCATION	Located on Pinnacle Peak Road about 1.6 miles east of Pima Road
DRAINAGE AREA	8.0 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
ARIZONA STATE PLANE	E 715998 | N 981513
USGS QUAD SHEET	McDowell Peak 7.5-Minute
STREAMGAGE INSTALLATION DATE	05/15/2001 – WY 2001
PERIOD OF AVAILABLE DATA RECORD	05/15/2001 – Current
LENGTH OF AVAILABLE DATA RECORD	22.38 Years | 8,174 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.30 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	2,172.777 feet NAVD88
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





WY2023 Events

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

Hydrograph of peak WY 2023 flow event

No runoff recorded during Water Year 2023.

Reata Pass Wash, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

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 2023 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

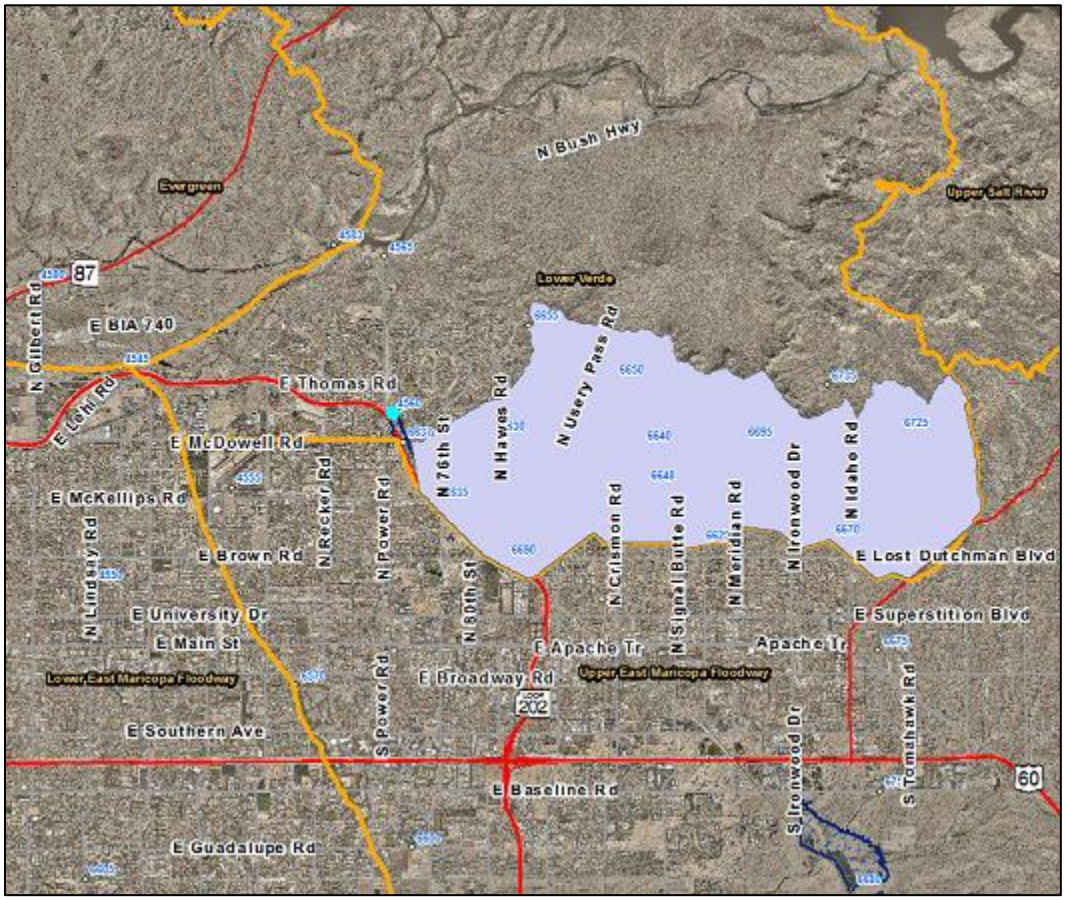
Red Mountain Freeway Levee at McDowell Road, ID #80007

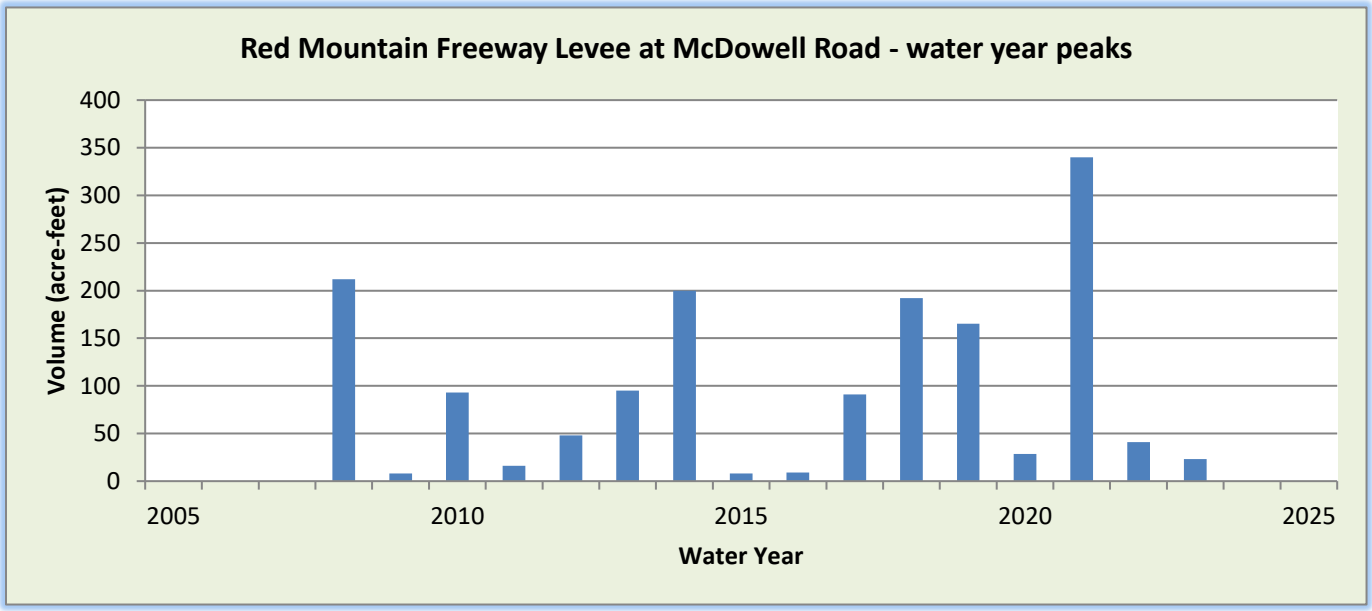


Site Data

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
ARIZONA STATE PLANE	E 772695 | N 897129
USGS QUAD SHEET	Buckhorn 7.5-Minute
STREAMGAGE INSTALLATION DATE	06/19/2008 – WY 2008
PERIOD OF AVAILABLE DATA RECORD	06/19/2008 – Current
LENGTH OF AVAILABLE DATA RECORD	15.28 Years | 5,582 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.35 feet Gage Height
STAFF GAGES	None
CREST STAGE GAGES	None
ZERO GAGE HEIGHT ELEVATION	1,569.19 feet NAVD88
POINT OF ZERO FLOW	0.00 feet Gage Height
DAM ELEVATIONS AS RELATED TO GAGE HEIGHT AT THIS SITE	
SPOOK HILL PRINCIPAL OUTLET ELEVATION	-1.09 feet Gage Height
SPOOK HILL UNGATED PRINCIPAL OUTLET INLET ELEVATION	8.31 feet Gage Height
MINIMUM FREEWAY LEVEE ELEVATION	12.91 feet Gage Height
SPOOK HILL SPILLWAY ELEVATION	14.71 feet Gage Height
SPOOK HILL TOP OF DAM ELEVATION	24.21 feet Gage Height

Watershed Map

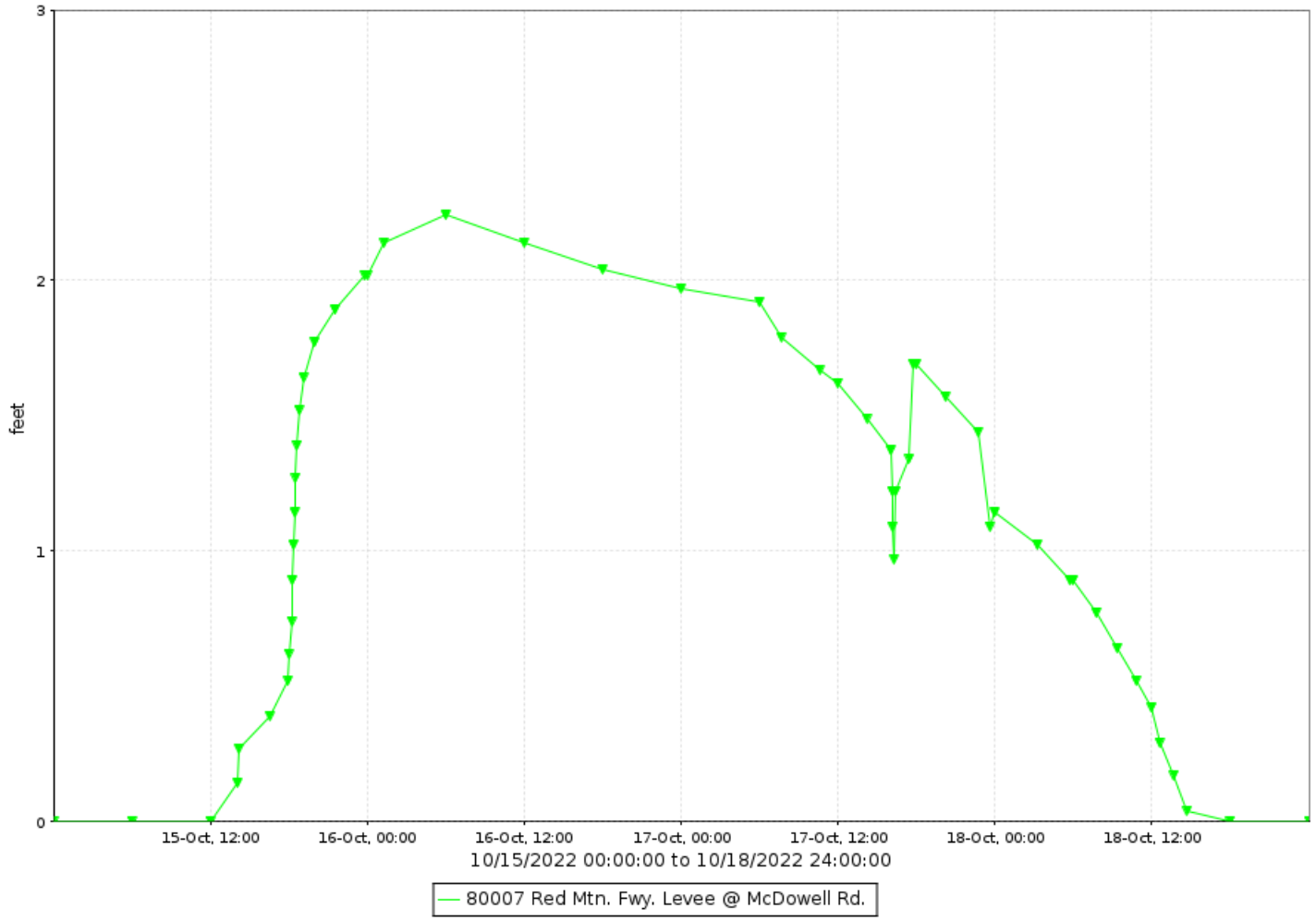




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
10/16	2.24	23.2	0.4
1/2	1.29	6.9	0.2
1/17	1.24	6.4	0.2
2/15	0.64	1.7	0.0
3/16	0.64	1.7	0.0
9/12	1.77	13.6	0.3

Hydrograph of peak 2023 impoundment event, 10/16/2022



Red Mountain Freeway Levee at McDowell Road, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				3								
2			2	20		16						
3				16		13						
4			17			2						
5			9									
6												
7												
8												
9												
10												
11												
12												
13	2											26
14												5
15	10				11							
16	36			6	5	16						
17	34		1	13		7						
18	15					2						
19												
20												
21												
22												
23			3									
24			3									
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	99	0	35	58	16	56	0	0	0	0	0	31
MEAN	3	0	1	2	1	2	0	0	0	0	0	1
MAX	37	0	30	32	27	27	0	0	0	0	0	35
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	196	0	69	116	31	110	0	0	0	0	0	62

WTR YR 2023 TOTAL 294 MEAN 1 MAX 37 MIN 0 AC_FT 584

Red Mountain Freeway Levee at McDowell Road, volume data

Volume, in acre-feet, Water Year October 2022 to September 2023

Daily Mean Values

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

WTR YR 2023 MEAN 0 MAX 23 MIN 0

Red Mountain Freeway Levee at McDowell Road, stage data

Depth, in feet, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.1	0.6	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.4	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.5	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.2	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	1.1
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
15	0.5	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	2.1	0.0	0.0	0.2	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0
17	1.7	0.0	0.0	0.4	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
18	0.5	0.0	0.0	0.0	0.0	0.1	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	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.1	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	0.2	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAX	2.2	0.0	1.0	1.3	0.6	0.6	0.0	0.0	0.0	0.0	0.0	1.8
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

WTR YR 2023 MEAN 0.03 MAX 2.24 MIN 0.00

Red Mountain Freeway Levee at McKellips Road , ID #79807

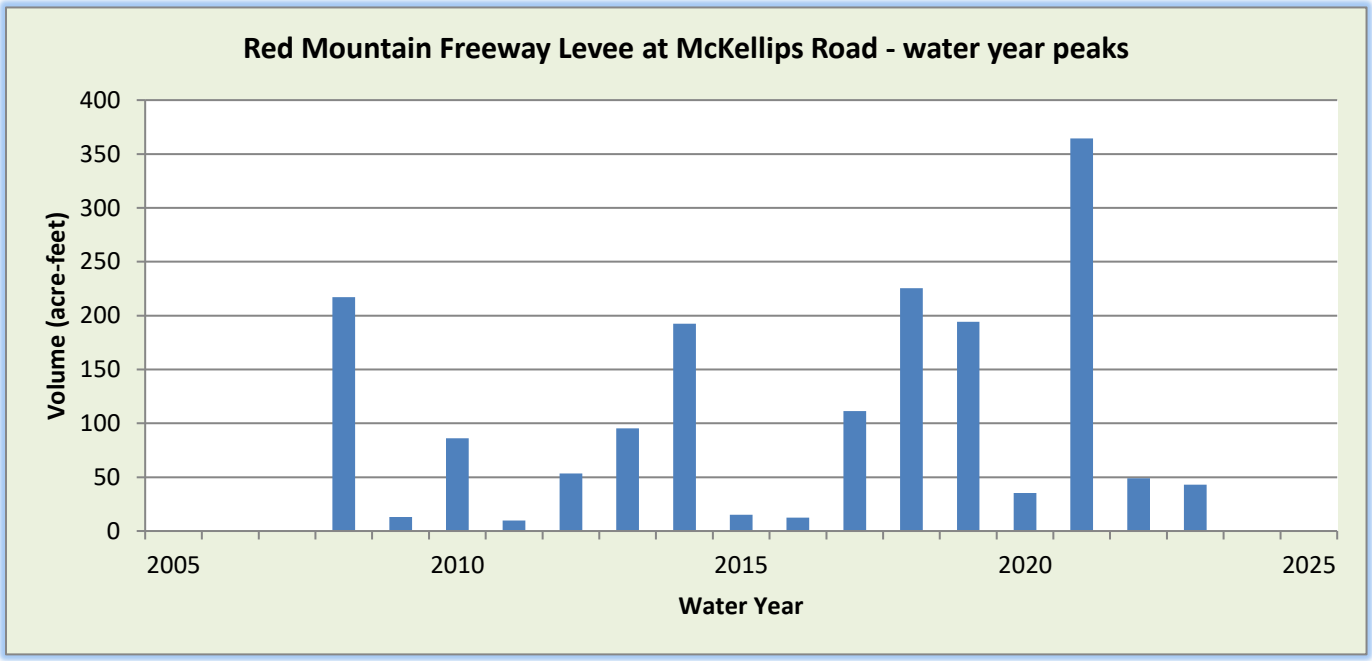


Site Data

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
ARIZONA STATE PLANE	E 775920 | N 891753
USGS QUAD SHEET	Buckhorn 7.5-Minute
STREAMGAGE INSTALLATION DATE	06/19/2008 – WY 2008
PERIOD OF AVAILABLE DATA RECORD	06/19/2008 – Current
LENGTH OF AVAILABLE DATA RECORD	15.28 Years | 5,582 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.31 feet Gage Height
STAFF GAGES	None
CREST STAGE GAGES	None
ZERO GAGE HEIGHT ELEVATION	1,570.22 feet NAVD 1988
POINT OF ZERO FLOW	0.00 feet Gage Height
DAM ELEVATIONS AS RELATED TO GAGE HEIGHT AT THIS SITE	
SPOOK HILL PRINCIPAL OUTLET ELEVATION	-2.12 feet Gage Height
SPOOK HILL UNGATED PRINCIPAL OUTLET INLET ELEVATION	7.28 feet Gage Height
MINIMUM FREEWAY LEVEE ELEVATION	12.78 feet Gage Height
SPOOK HILL SPILLWAY ELEVATION	13.68 feet Gage Height
SPOOK HILL TOP OF DAM ELEVATION	23.18 feet Gage Height

Watershed Map

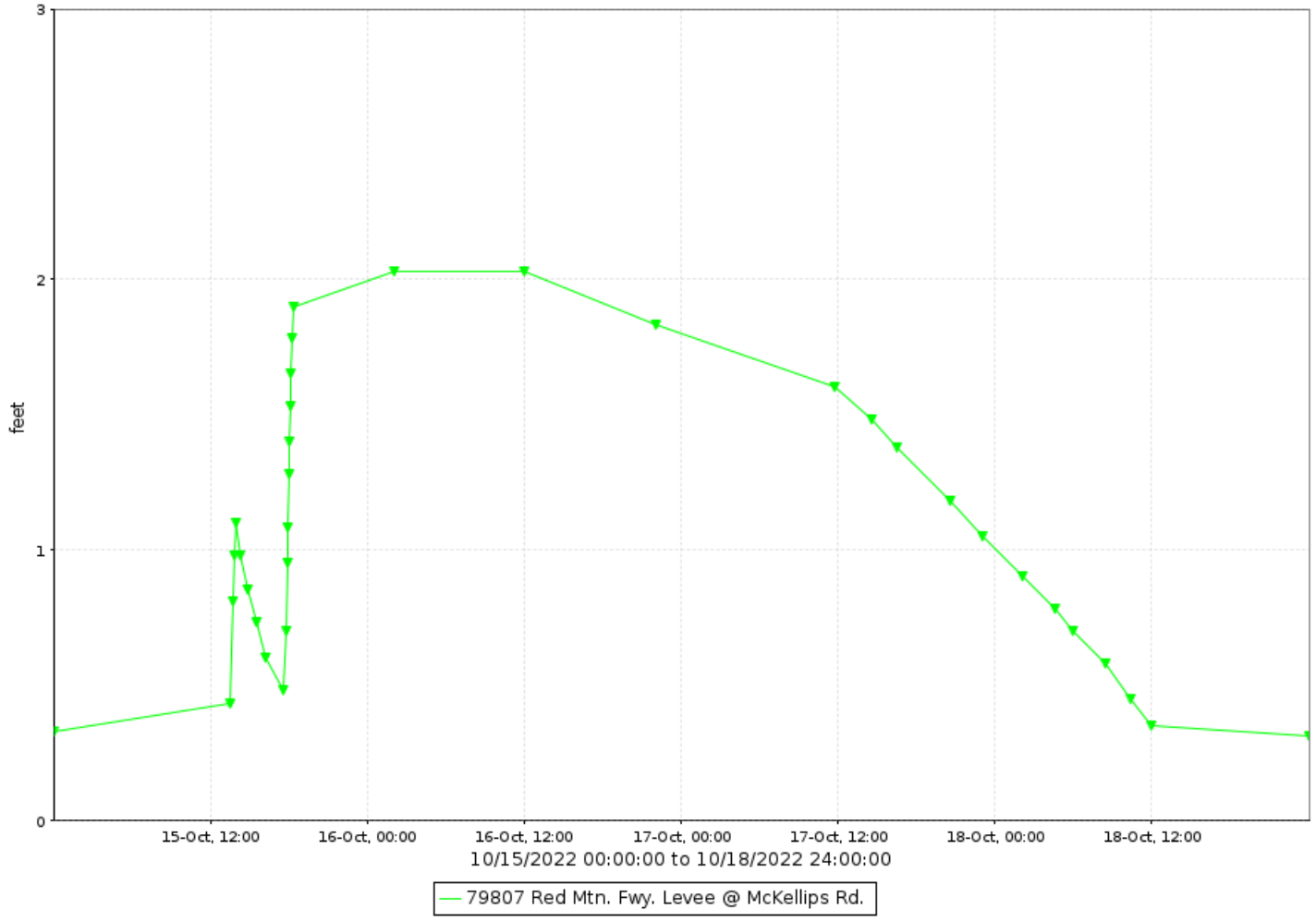




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
10/16	2.03	43.1	1.1
3/15	0.90	15.1	0.3
9/12	1.94	40.3	1.8

Hydrograph of peak 2023 impoundment event, 10/16/2022



Red Mountain Freeway Levee at McKellips Road, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

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												4
13						---						40
14												39
15	10											11
16	41											
17	36											
18	1											
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	88	0	0	0	0	0	0	0	0	0	0	94
MEAN	3	0	0	0	0	0	0	0	0	0	0	3
MAX	41	0	0	0	0	4	0	0	0	0	0	43
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	174	0	0	1	0	1	0	0	0	0	0	187

WTR YR 2023 TOTAL 183 MEAN 1 MAX 43 MIN 0 AC_FT 363

Red Mountain Freeway Levee at McKellips Road, volume data

Volume, in acre-feet, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				1		1						
2				6		1						
3				1								
4												
5												
6												
7												
8												
9												
10	---											
11												
12												3
13						---						46
14												36
15	12					1						18
16	42											2
17	31											
18	5											
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
MEAN	3	0	0	0	0	0	0	0	0	0	0	3
MAX	43	0	0	10	0	15	0	0	0	10	0	60
MIN	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 2023 MEAN 1 MAX 60 MIN 0

Red Mountain Freeway Levee at McKellips Road, stage data

Depth, in feet, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.3	0.3	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
2	0.3	0.3	0.3	0.6	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.3
3	0.3	0.3	0.3	0.4	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
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	0.5
13	0.3	0.3	0.3	0.3	0.3	---	0.3	0.3	0.3	0.3	0.3	2.1
14	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	1.8
15	0.8	0.3	0.3	0.0	0.0	0.4	0.3	0.3	0.3	0.3	0.3	1.0
16	2.0	0.3	0.3	0.3	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.4
17	1.6	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
18	0.6	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	0.0	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	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.5
MAX	2.0	0.3	0.3	0.6	0.3	0.9	0.3	0.3	0.3	0.6	0.3	2.5
MIN	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3

WTR YR 2023 MEAN 0.33 MAX 2.52 MIN 0.31

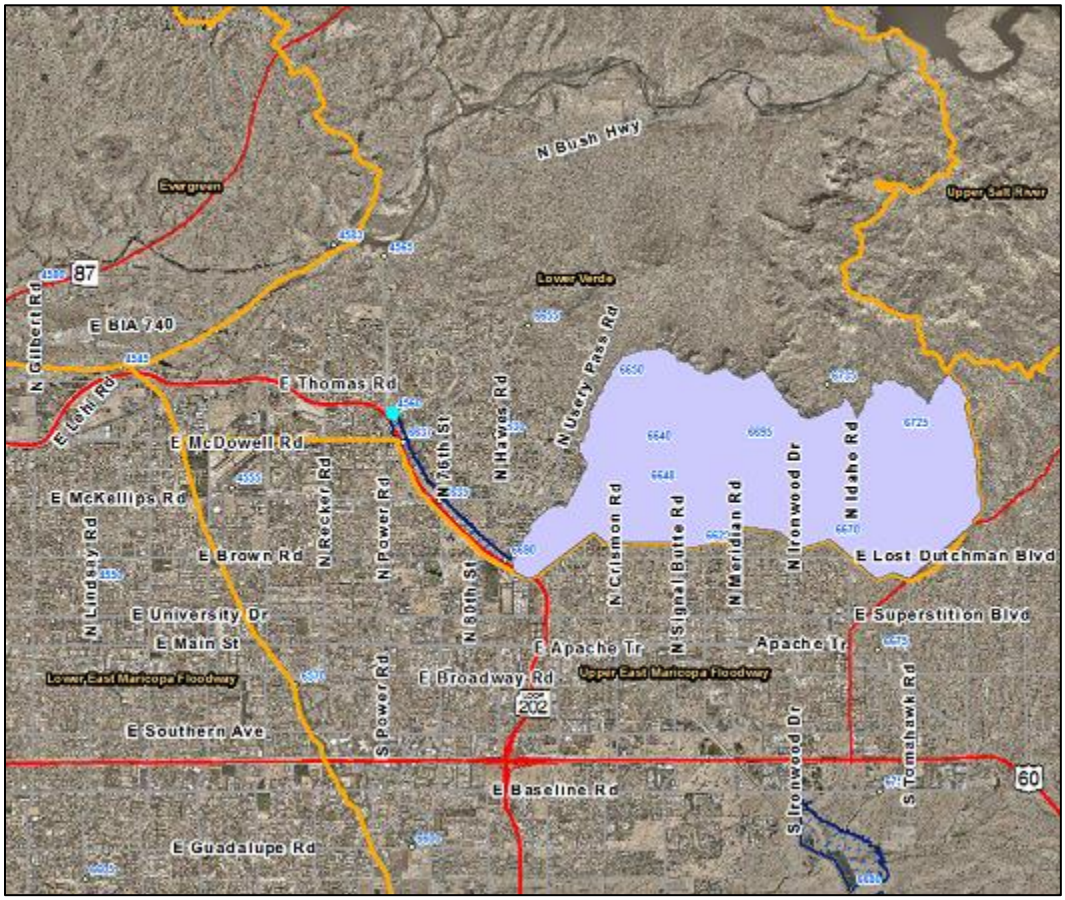
Red Mountain Freeway Levee at Brown Road, ID #81507

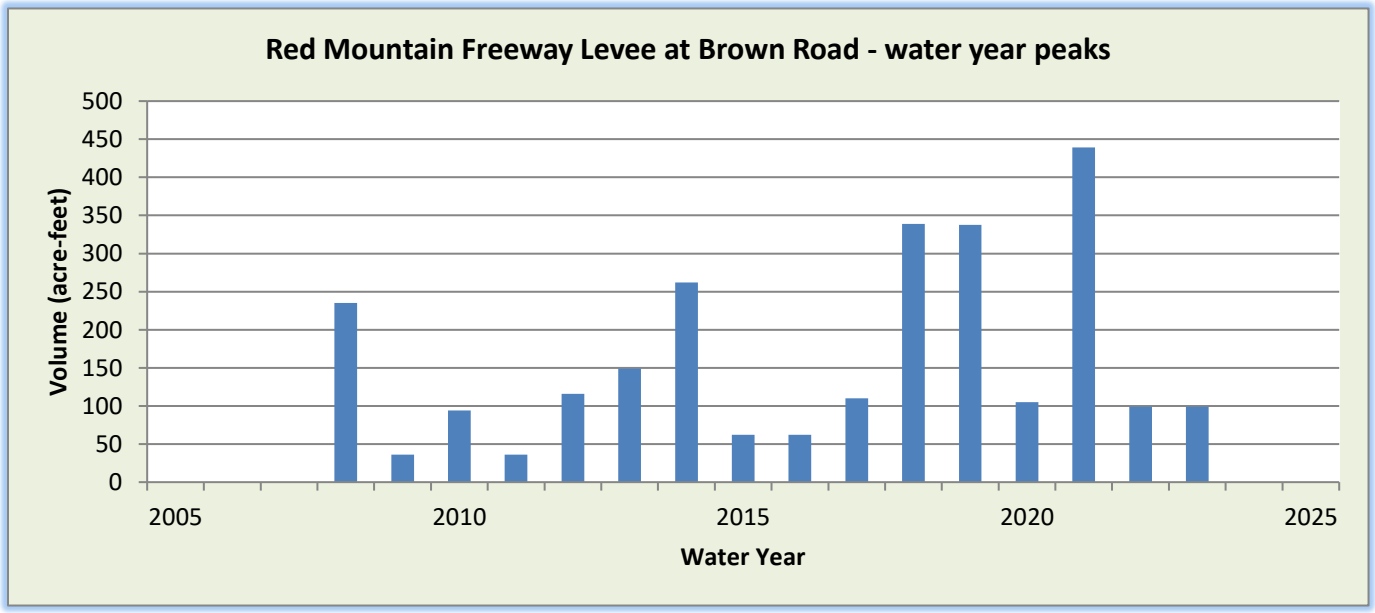


Site Data

STATUS	Active
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
ARIZONA STATE PLANE	E 781957 | N 886500
USGS QUAD SHEET	Buckhorn 7.5-Minute
STREAMGAGE INSTALLATION DATE	06/04/2008 – WY 2008
PERIOD OF AVAILABLE DATA RECORD	06/04/2008 – Current
LENGTH OF AVAILABLE DATA RECORD	15.32 Years | 5,597 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.32 feet Gage Height
STAFF GAGES	None
CREST STAGE GAGES	None
ZERO GAGE HEIGHT ELEVATION	1,571.53 feet NAVD88
POINT OF ZERO FLOW	0.00 feet Gage Height
SPOOK HILL DAM ELEVATIONS AS RELATED TO GAGE HEIGHT AT THIS SITE	
SPOOK HILL PRINCIPAL OUTLET ELEVATION	-3.43 feet Gage Height
SPOOK HILL UNGATED PRINCIPAL OUTLET INLET ELEVATION	5.97 feet Gage Height
MINIMUM FREEWAY LEVEE ELEVATION	13.47 feet Gage Height
SPOOK HILL SPILLWAY ELEVATION	12.37 feet Gage Height
SPOOK HILL TOP OF DAM ELEVATION	21.88 feet Gage Height

Watershed Map

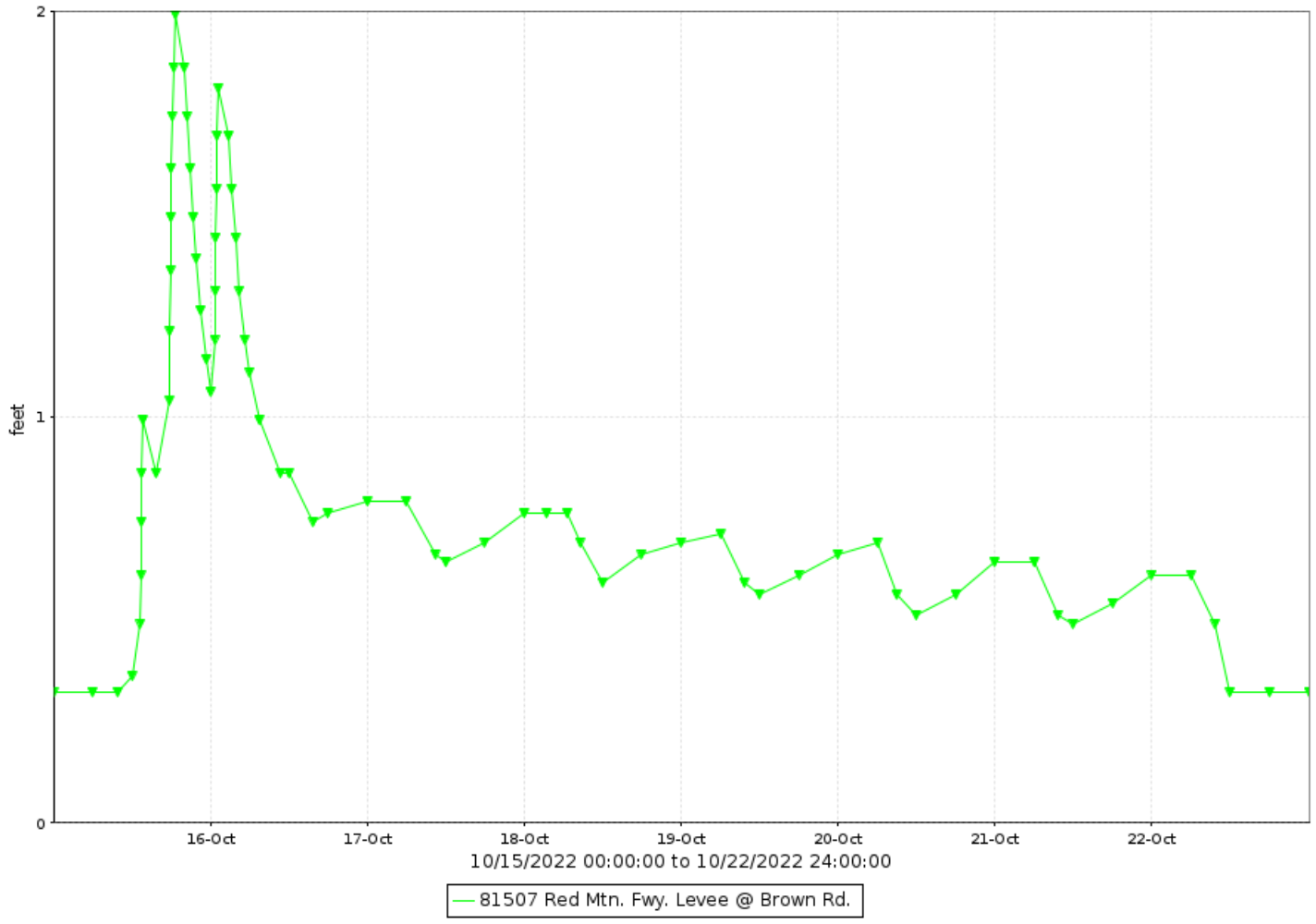




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
10/15	1.99	99.3	2.9
12/4	0.96	55.1	1.5
1/1	1.09	59.0	1.6
1/17	0.86	52.0	1.3
2/22	0.91	53.6	1.4
2/26	0.86	52.0	1.3
3/2	1.39	70.2	2.1
3/15	1.31	66.3	2.0
9/12	1.09	59.0	1.6

Hydrograph of peak 2023 impoundment event, 10/15/2023



Red Mountain Freeway Levee at Brown Road, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				43		7						41
2			10	43		43						17
3			42	42		42						
4			43	42		42						
5			42	42		42						
6			42	42		41						
7			42	41		41						
8			41	21		41						
9			41			41						
10			41			21						
11			31									
12			42									4
13			42									44
14			42	10	10							42
15	22		42	41	42	40						40
16	44		42	42	43	43						20
17	43		41	43	42	42						
18	43		41	42	21	41						
19	42		21	42		42						
20	42			42	10	21						
21	42			42	42							
22	21			42	43							
23				42	43							
24				41	21							
25				21								
26					43							
27					21					21		
28										20		
29					---							
30					---							
31		---	10		---		---		---		3	---
TOTAL	300	0	699	765	381	590	0	0	0	41	3	209
MEAN	10	0	23	25	14	19	0	0	0	1	0	7
MAX	46	0	44	45	44	45	0	0	0	42	43	45
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	595	0	1386	1518	755	1170	0	0	0	82	7	414

WTR YR 2023 TOTAL 2988 MEAN 8 MAX 46 MIN 0 AC_FT 5927

Red Mountain Freeway Levee at Brown Road, volume data

Volume, in acre-feet, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				47		9						39
2			9	46		51						15
3			41	43		43						
4			48	42		42						
5			41	41		40						
6			40	40		39						
7			41	38		38						
8			39	20		37						
9			38			37						
10			37			19						
11			28									
12			43									5
13			44									53
14			43	9	9							43
15	33		42	37	42	37						36
16	58		41	42	45	47						18
17	47		39	46	42	41						
18	46		38	43	21	39						
19	44		20	42		40						
20	42			42	9	20						
21	42			41	41							
22	21			40	47							
23				41	44							
24				39	22							
25				20								
26					46							
27					23					19		
28										17		
29					---							
30					---							
31		---	10		---		---		---		4	---
MEAN	11	0	22	25	14	19	0	0	0	1	0	7
MAX	99	0	55	59	54	70	0	0	0	39	46	59
MIN	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 2023 MEAN 8 MAX 99 MIN 0

Red Mountain Freeway Levee at Brown Road, stage data

Depth, in feet, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.3	0.3	0.3	0.7	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.5
2	0.3	0.3	0.3	0.7	0.3	0.8	0.3	0.3	0.3	0.3	0.3	0.4
3	0.3	0.3	0.5	0.6	0.3	0.6	0.3	0.3	0.3	0.3	0.3	0.3
4	0.3	0.3	0.7	0.6	0.3	0.6	0.3	0.3	0.3	0.3	0.3	0.3
5	0.3	0.3	0.6	0.6	0.3	0.5	0.3	0.3	0.3	0.3	0.3	0.3
6	0.3	0.3	0.5	0.5	0.3	0.5	0.3	0.3	0.3	0.3	0.3	0.3
7	0.3	0.3	0.5	0.5	0.3	0.5	0.3	0.3	0.3	0.3	0.3	0.3
8	0.3	0.3	0.5	0.4	0.3	0.5	0.3	0.3	0.3	0.3	0.3	0.3
9	0.3	0.3	0.5	0.3	0.3	0.5	0.3	0.3	0.3	0.3	0.3	0.3
10	0.3	0.3	0.5	0.3	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.3
11	0.3	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
12	0.3	0.3	0.6	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4
13	0.3	0.3	0.6	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.9
14	0.3	0.3	0.6	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.6
15	0.8	0.3	0.6	0.5	0.6	0.5	0.3	0.3	0.3	0.3	0.3	0.4
16	1.0	0.3	0.5	0.6	0.6	0.7	0.3	0.3	0.3	0.3	0.3	0.4
17	0.7	0.3	0.5	0.7	0.6	0.5	0.3	0.3	0.3	0.3	0.3	0.3
18	0.7	0.3	0.5	0.6	0.4	0.5	0.3	0.3	0.3	0.3	0.3	0.3
19	0.6	0.3	0.4	0.6	0.3	0.5	0.3	0.3	0.3	0.3	0.3	0.3
20	0.6	0.3	0.3	0.6	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.3
21	0.6	0.3	0.3	0.5	0.6	0.3	0.3	0.3	0.3	0.3	0.3	0.3
22	0.5	0.3	0.3	0.5	0.7	0.3	0.3	0.3	0.3	0.3	0.3	0.3
23	0.3	0.3	0.3	0.6	0.6	0.3	0.3	0.3	0.3	0.3	0.3	0.3
24	0.3	0.3	0.3	0.5	0.5	0.3	0.3	0.3	0.3	0.3	0.3	0.3
25	0.3	0.3	0.3	0.4	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	0.7	0.3	0.3	0.3	0.3	0.3	0.3	0.3
27	0.3	0.3	0.3	0.3	0.5	0.3	0.3	0.3	0.3	0.4	0.3	0.3
28	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	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	---	0.4	0.3	---	0.3	---	0.3	---	0.3	0.3	---
MEAN	0.4	0.3	0.4	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4
MAX	2.0	0.3	1.0	1.1	0.9	1.4	0.3	0.3	0.3	0.5	0.7	1.1
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 2023 MEAN 0.37 MAX 1.99 MIN 0.32

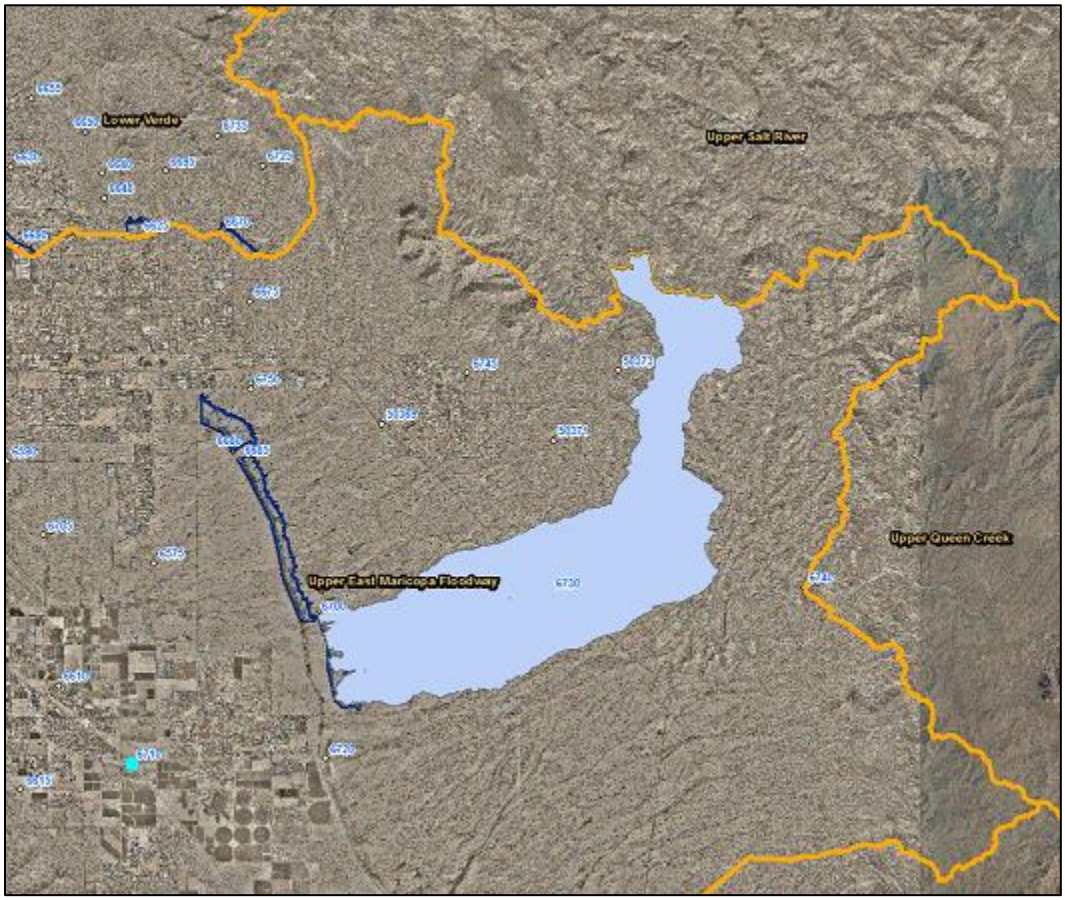
Rittenhouse FRS, ID #37207

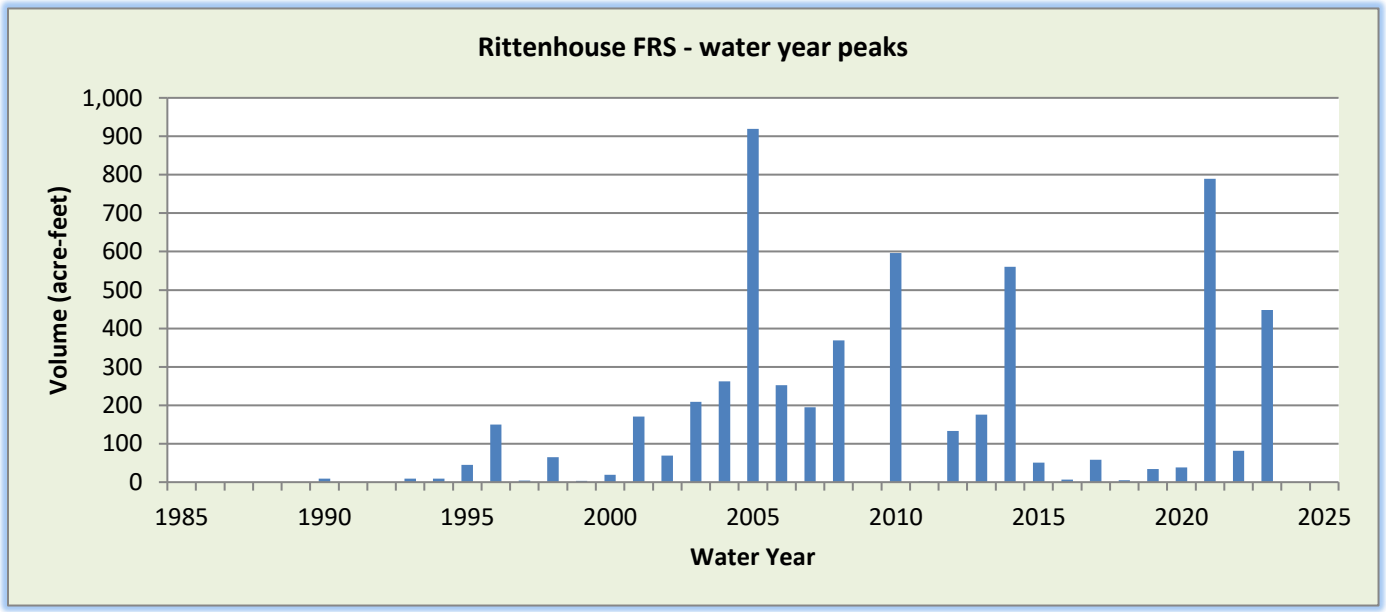


Site Data

LOCATION	East of town of Queen Creek in Pinal County
DRAINAGE AREA	47.3 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
ARIZONA STATE PLANE	E 825307 | N 832913
USGS QUAD SHEET	Desert Well 7.5-Minute
STREAMGAGE INSTALLATION DATE	09/27/1988 – WY 1988
PERIOD OF AVAILABLE DATA RECORD	09/27/1988 – Current
LENGTH OF AVAILABLE DATA RECORD	35.01 Years | 12,787 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.25 feet Gage Height
STAFF GAGES	4
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,578.97 feet NAVD88
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

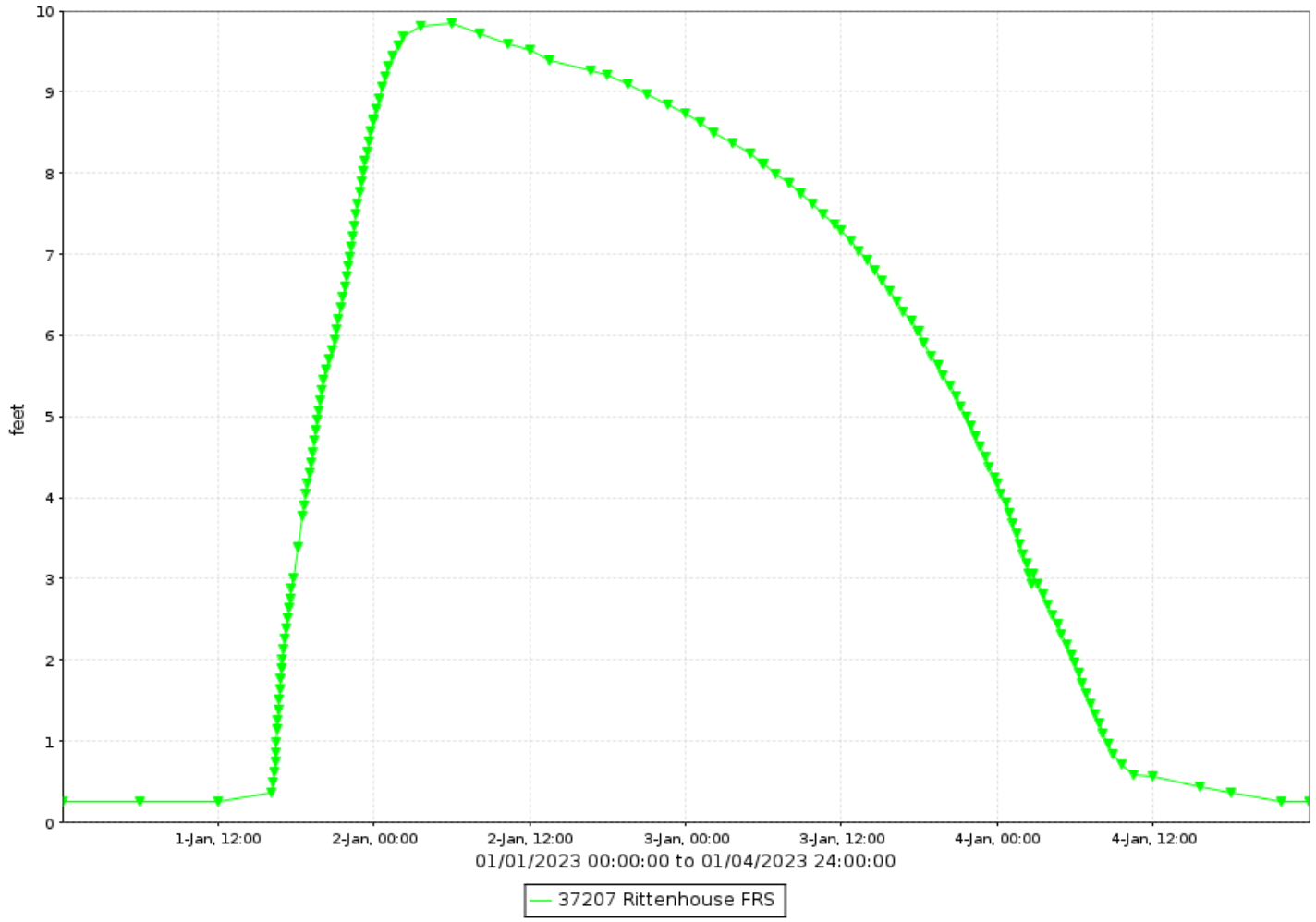




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
10/15	2.03	5.3	0.1
1/2	9.71	447.8	11.7
3/2	0.74	1.0	0.0
7/27	2.03	5.3	0.1

Hydrograph of peak 2023 impoundment event, 01/02/2023



Rittenhouse FRS, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				20								
2				103		1						
3			1	85								
4			3	13								
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15	3											
16	4											
17				1								
18												
19												
20												
21												
22												
23												
24												
25												
26												
27										4		
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	7	0	4	222	0	1	0	0	0	4	0	0
MEAN	0	0	0	7	0	0	0	0	0	0	0	0
MAX	22	0	6	105	0	6	0	0	0	22	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	13	0	7	440	0	3	0	0	0	7	0	0

WTR YR 2023 TOTAL 237 MEAN 1 MAX 105 MIN 0 AC_FT 470

Rittenhouse FRS, volume data

Volume, in acre-feet, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				29								
2				409								
3				177								
4				5								
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15	1											
16	1											
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27										1		
28												
29					---							
30					---							
31		---			---		---		---			---
MEAN	0	0	0	20	0	0	0	0	0	0	0	0
MAX	5	0	1	465	0	1	0	0	0	5	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 2023 MEAN 2 MAX 465 MIN 0

Rittenhouse FRS, stage data

Depth, in feet, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.2	0.2	0.2	1.8	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
2	0.2	0.2	0.2	9.4	0.2	0.4	0.2	0.2	0.2	0.2	0.2	0.2
3	0.2	0.2	0.3	7.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
4	0.2	0.2	0.5	1.2	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	0.5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
16	0.6	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	0.3	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	0.6	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	0.3	0.8	0.2	0.3	0.2	0.2	0.2	0.3	0.2	0.2
MAX	2.0	0.2	1.0	9.8	0.2	1.0	0.2	0.2	0.2	2.0	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 2023 MEAN 0.30 MAX 9.84 MIN 0.25

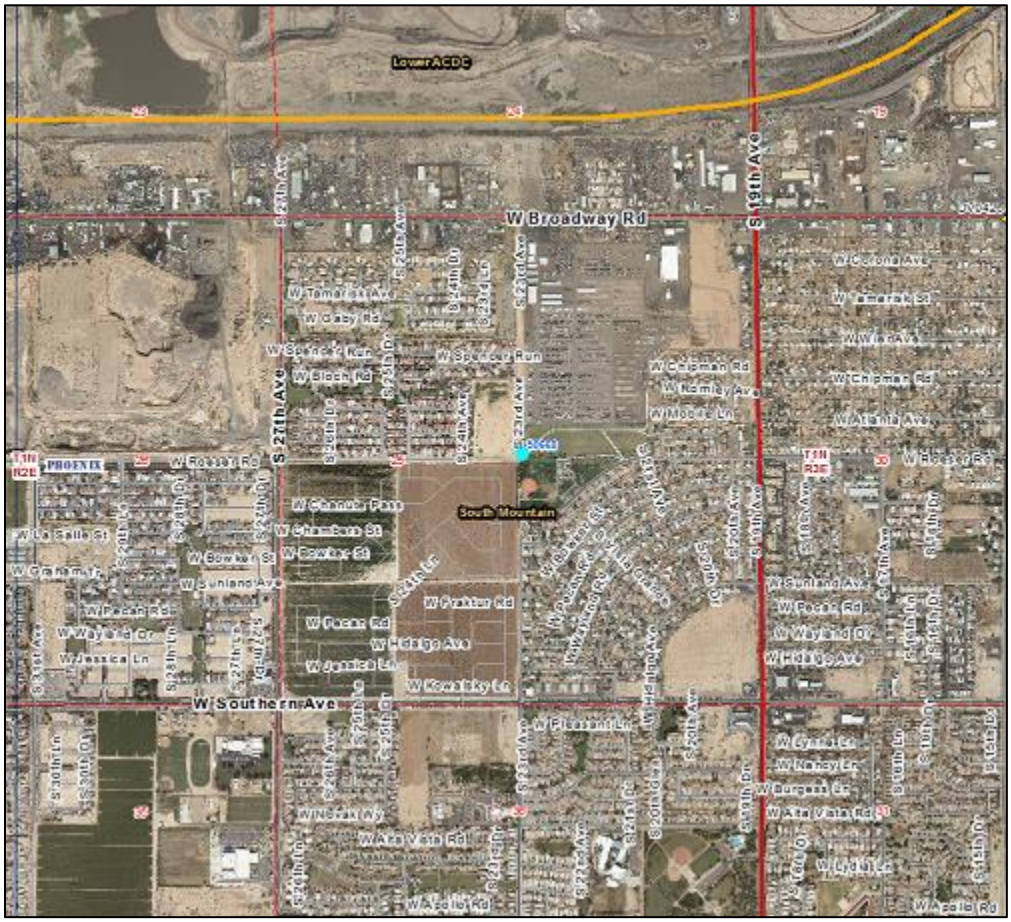
Roeser Road at 23rd Avenue Basin, ID #66807

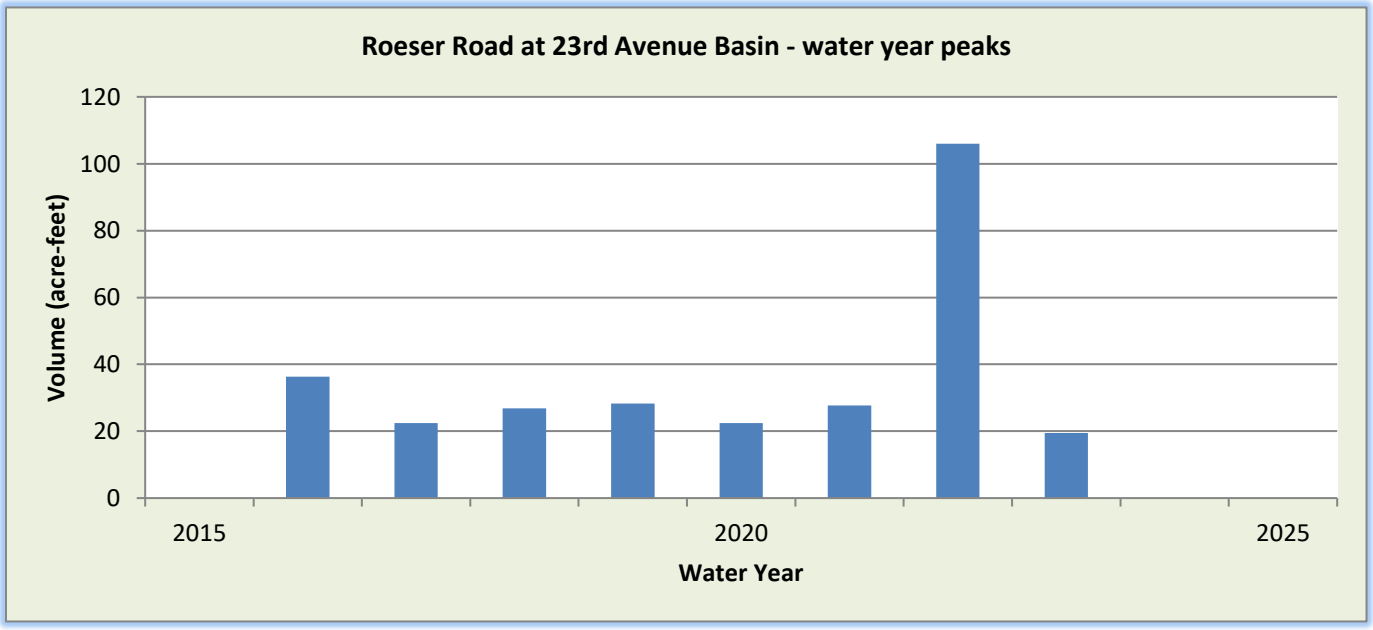


Site Data

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
ARIZONA STATE PLANE	E 641727 | N 873000
USGS QUAD SHEET	Phoenix 7.5-Minute
STREAMGAGE INSTALLATION DATE	10/01/2015 – WY 2016
PERIOD OF AVAILABLE DATA RECORD	10/01/2015 – Current
LENGTH OF AVAILABLE DATA RECORD	8.00 Years | 2,922 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.20 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,045.755 feet NAVD88
POINT OF ZERO FLOW	0.00 feet Gage Height
SPILLWAY CREST ELEVATION	No spillway
TOP OF BASIN ELEVATION	12.0 feet Gage Height

Watershed Map

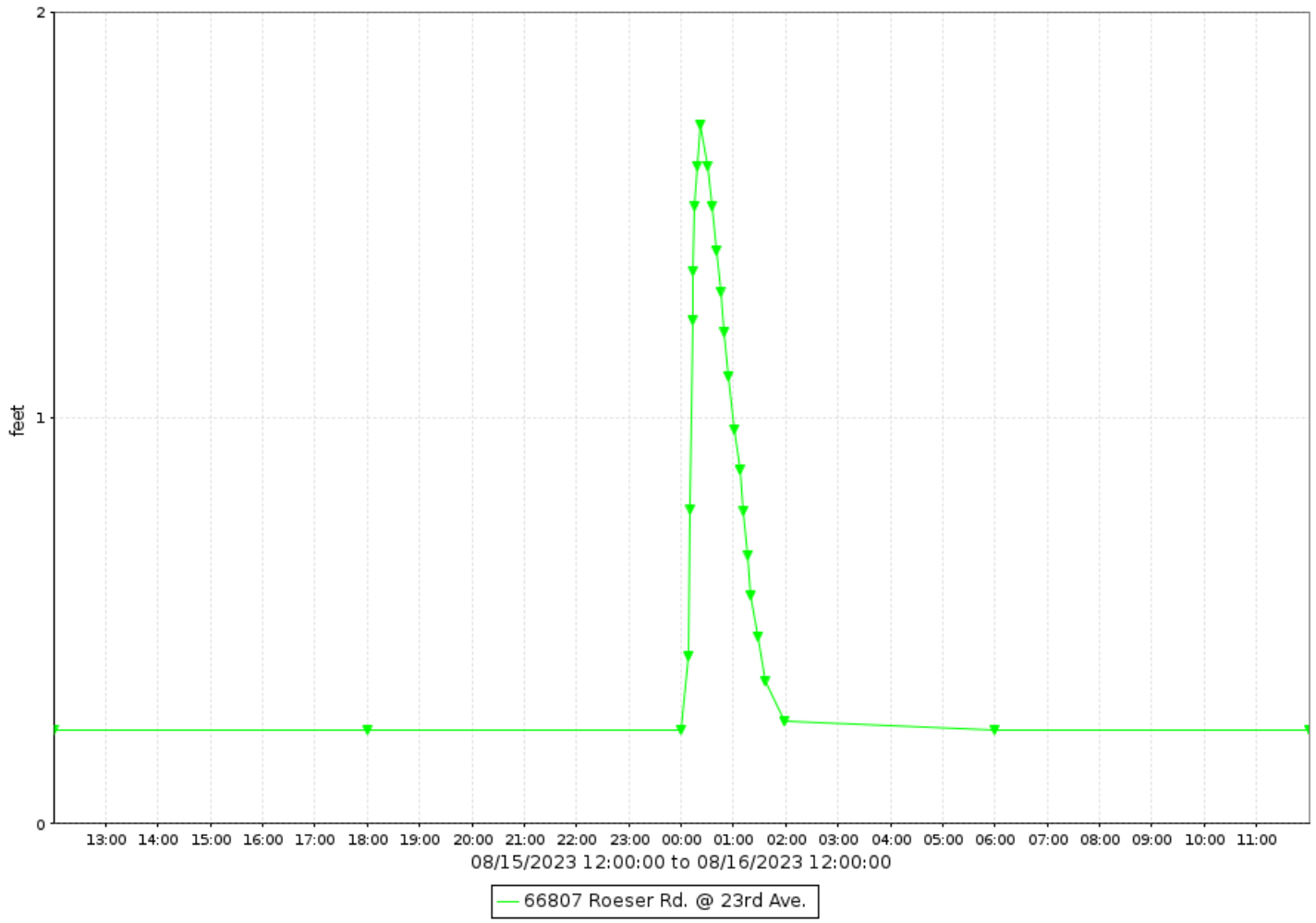




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
10/16	1.65	18.7	13.7
12/3	1.40	15.9	11.7
12/28	0.72	8.2	6.1
3/1	0.87	9.9	7.3
8/16	1.72	19.5	14.3
9/1	1.00	11.4	8.4

Hydrograph of peak 2023 impoundment event, 08/16/2023



Roeser Road at 23rd Avenue Basin, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

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 2023 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

NOTE: There is currently no discharge rating at this location.

Roeser Road at 23rd Avenue Basin, volume data

Volume, in acre-feet, Water Year October 2022 to September 2023

Daily Mean Values

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

WTR YR 2023 MEAN 0 MAX 20 MIN 0

Roeser Road at 23rd Avenue Basin, stage data

Depth, in feet, Water Year October 2022 to September 2023

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	0.3	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	0.2
3	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
4	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
5	0.2	0.2	0.2	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	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
16	0.6	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	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	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
29	0.2	0.2	0.2	0.2	---	0.2	0.2	0.2	0.2	0.2	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	1.6	0.2	1.4	0.5	0.6	0.9	0.2	0.2	0.2	0.2	1.7	1.0
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 2023 MEAN 0.23 MAX 1.72 MIN 0.23

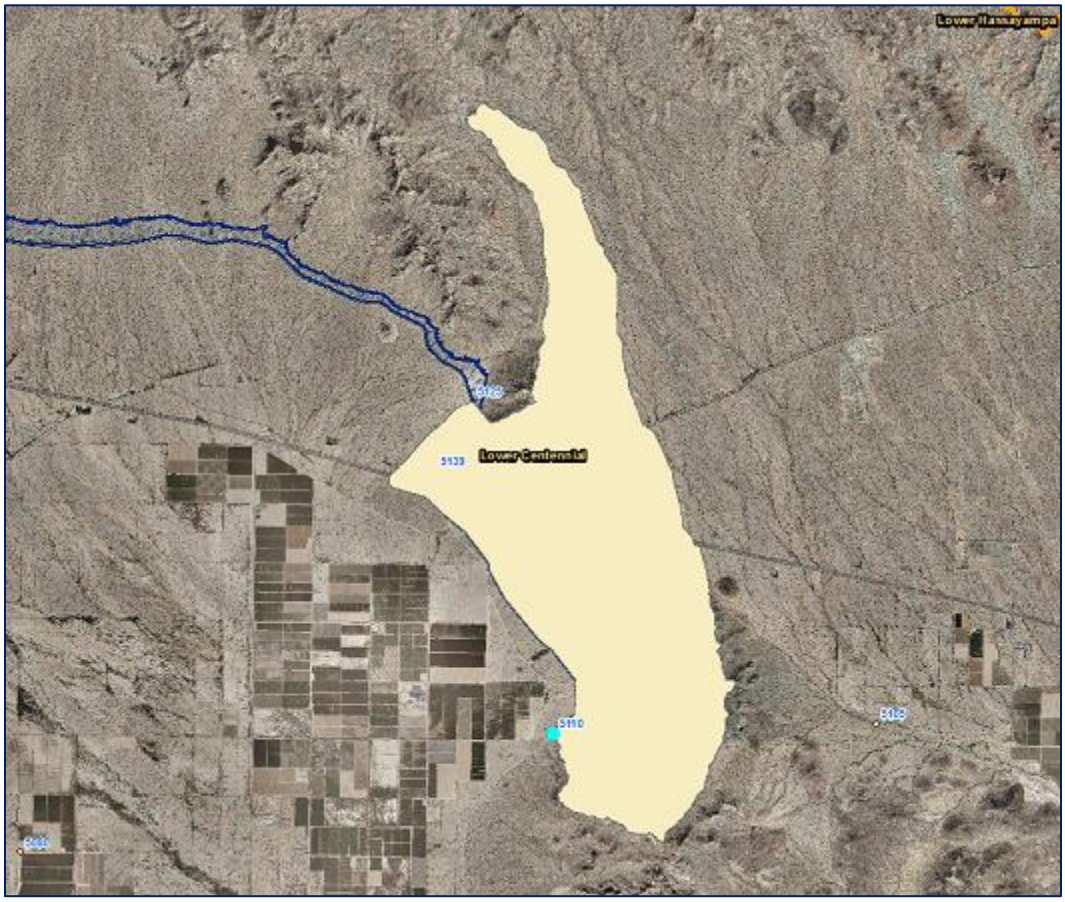
Saddleback FRS, ID #25207

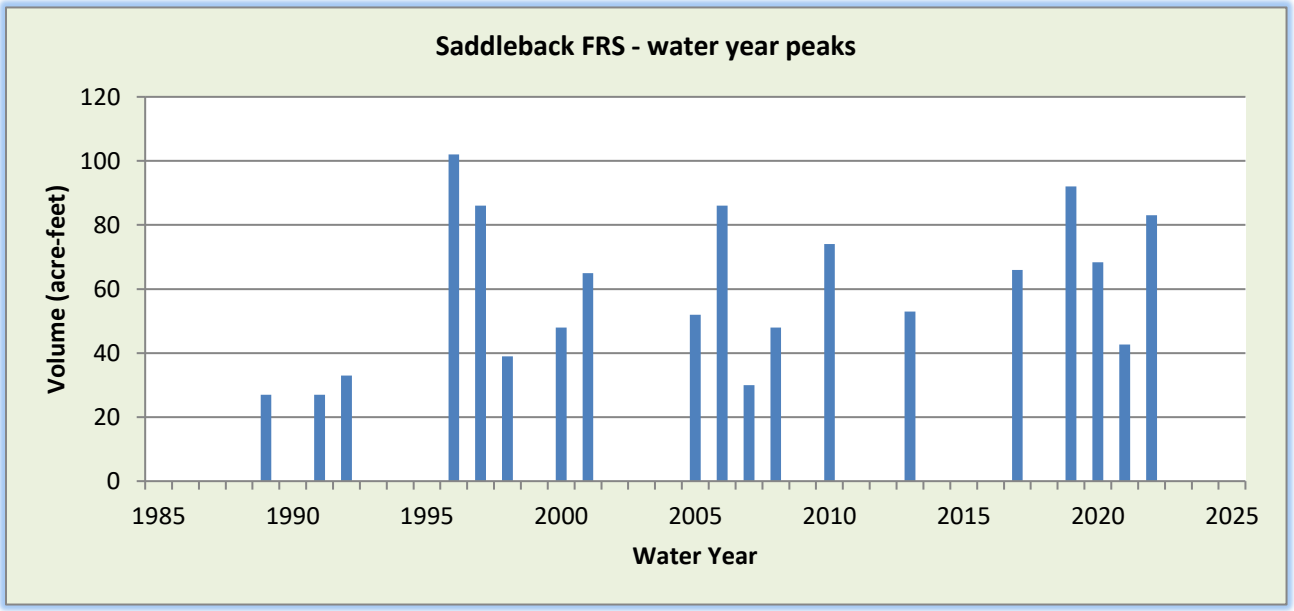


Site Data

LOCATION	Located south of I-10 along Courthouse Road
DRAINAGE AREA	29.6 mi^2 (excludes area behind Harquahala FRS)
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
ARIZONA STATE PLANE	E 347488 | N 899262
USGS QUAD SHEET	Saddle Mountain 7.5-Minute
STREAMGAGE INSTALLATION DATE	12/16/1988 – WY 1989
PERIOD OF AVAILABLE DATA RECORD	12/16/1988 – Current
LENGTH OF AVAILABLE DATA RECORD	34.79 Years | 12,707 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.30 feet Gage Height
STAFF GAGES	3
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	1,178.93 feet NAVD88
POINT OF ZERO FLOW	0.00 feet Gage Height
SPILLWAY ELEVATION	No Spillway
TOP OF DAM ELEVATION	16.1 feet Gage Height

Watershed Map





WY2023 Events

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

Hydrograph of peak WY 2023 impoundment event

No impoundment recorded during Water Year 2023.

Saddleback FRS, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

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												
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 2023 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

Saddleback FRS, volume data

Volume, in acre feet, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15	4											
16												
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	48	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 2023 MEAN 0 MAX 48 MIN 0

Saddleback FRS, stage data

Depth, in feet, Water Year October 2022 to September 2023

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	0.5	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 2023 MEAN 0.30 MAX 0.54 MIN 0.30

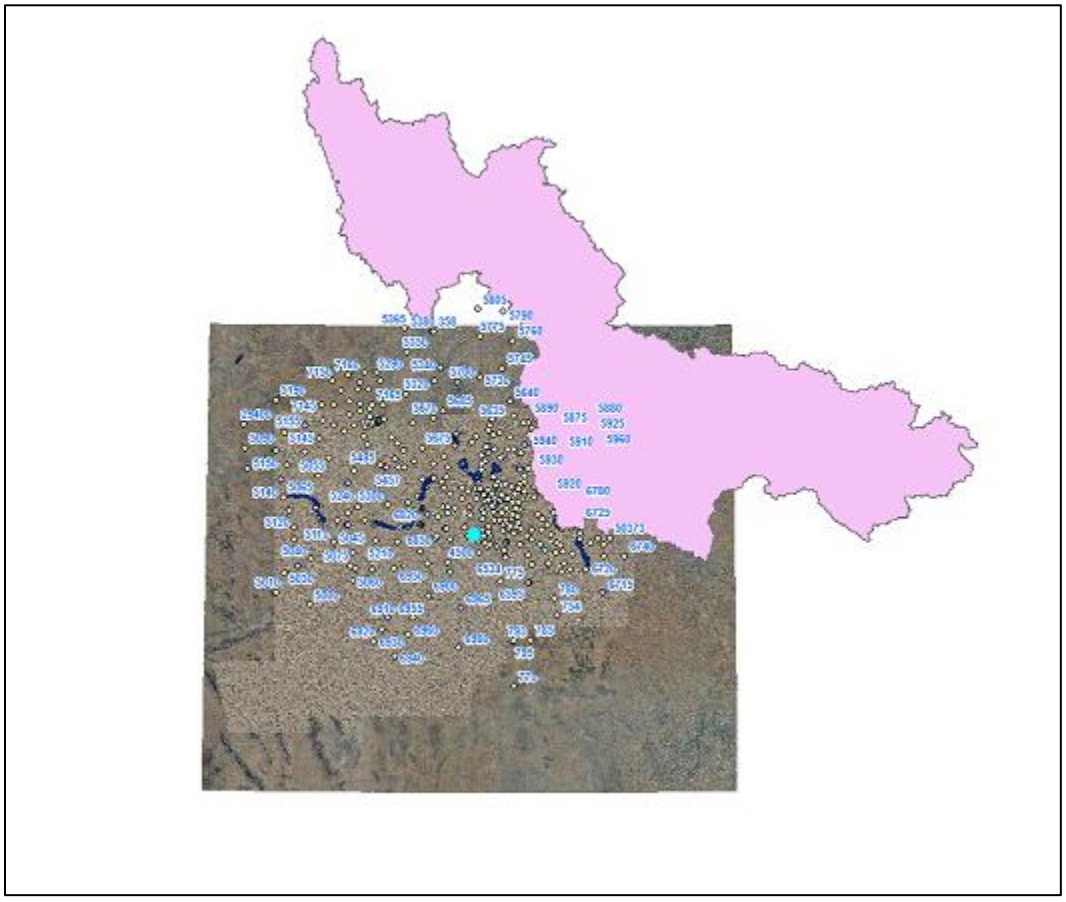
Salt River below Granite Reef Dam, ID #75307

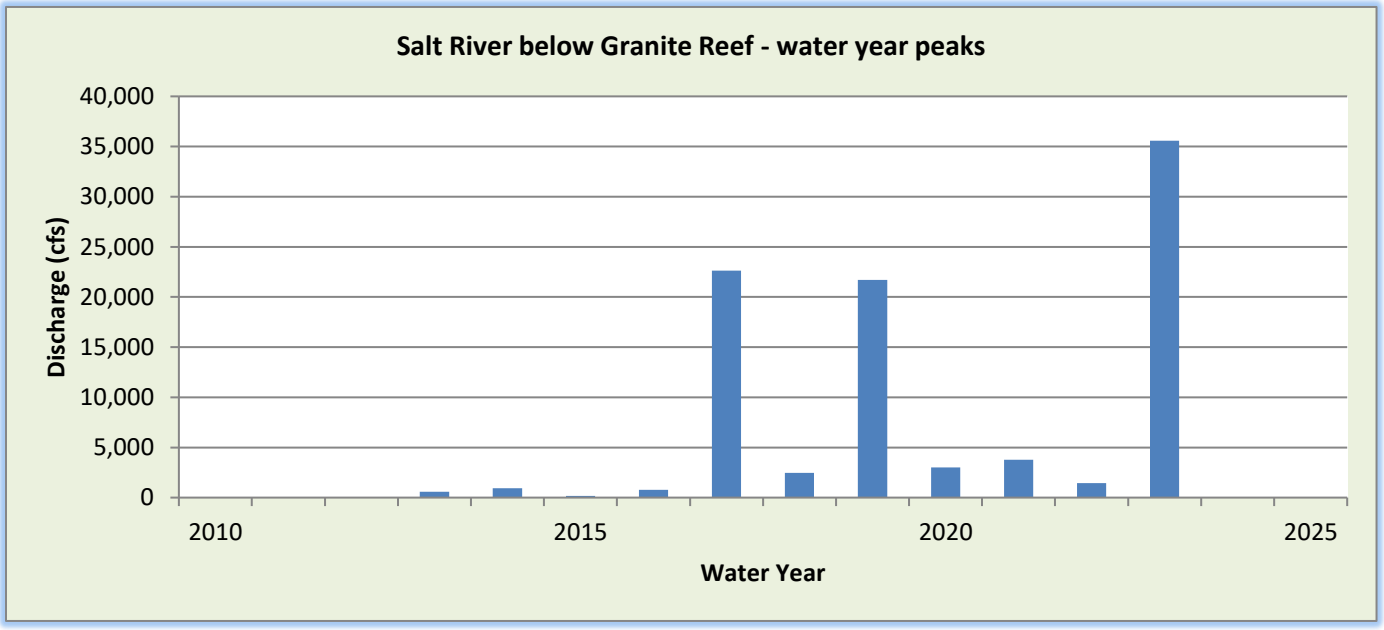


Site Data

LOCATION	Located about ½ 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
ARIZONA STATE PLANE	E 766347 | N 914864
USGS QUAD SHEET	Granite Reef Dam 7.5-Minute
STREAMGAGE INSTALLATION DATE	04/02/2012 – WY 2012
PERIOD OF AVAILABLE DATA RECORD	04/02/2012 – Current
LENGTH OF AVAILABLE DATA RECORD	11.50 Years | 4,199 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	4.25 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,276.00 feet NAVD88
POINT OF ZERO FLOW	Undetermined
EXTREME FOR PERIOD OF RECORD	30,748 cfs | 19.25 feet | 03/23/2023

Watershed Map

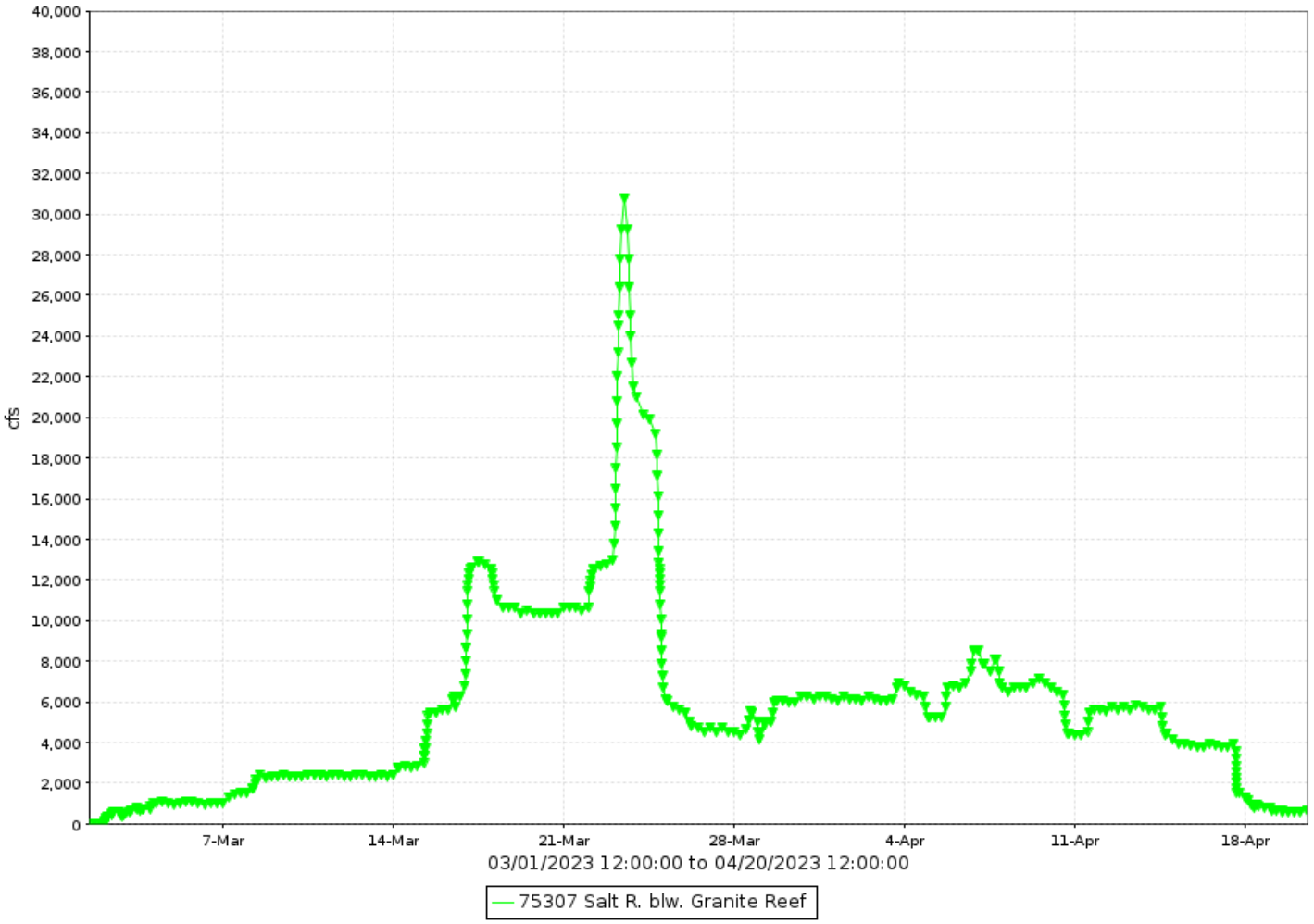




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
1/17	7.67	691
3/23	19.25	30748

Hydrograph of peak WY 2023 flow event, 03/23/2023



Salt River below Granite Reef Dam, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1							6139	142				
2						360	6139	172				
3						647	6327	984				
4						1005	6380	1405				
5						1024	5671	1224				
6						1016	7214	890				
7						1329	7841	1016				
8						2044	6633	592				
9						2328	6914	106				
10						2343	5699	44				
11						2387	4909	11				
12						2372	5642					
13						2328	5743					
14						2738	5189					
15						4530	3954					
16						6062	3819					
17				161		12491	2906					
18				3		11041	932					
19						10475	618					
20						10364	625					
21						10617	522					
22						12433	553					
23						23968	589					
24						19122	480					
25						6098	461					
26						4839	719					
27						4634	713					
28						4820	608					
29					---	5234	807					
30					---	6044	471					
31		---			---	6219	---		---			---
TOTAL	0	0	0	164	0	18091	10521	6587	0	0	0	0
MEAN	0	0	0	5	0	5836	3507	212	0	0	0	0
MAX	0	0	0	691	0	30748	8501	1495	0	0	0	0
MIN	0	0	0	0	0	0	207	0	0	0	0	0
AC_FT	0	0	0	325	0	35883	20869	4 13065	0	0	0	0

WTR YR 2023 TOTAL 29287 MEAN 802 MAX 30748 MIN 0 AC_FT 580916

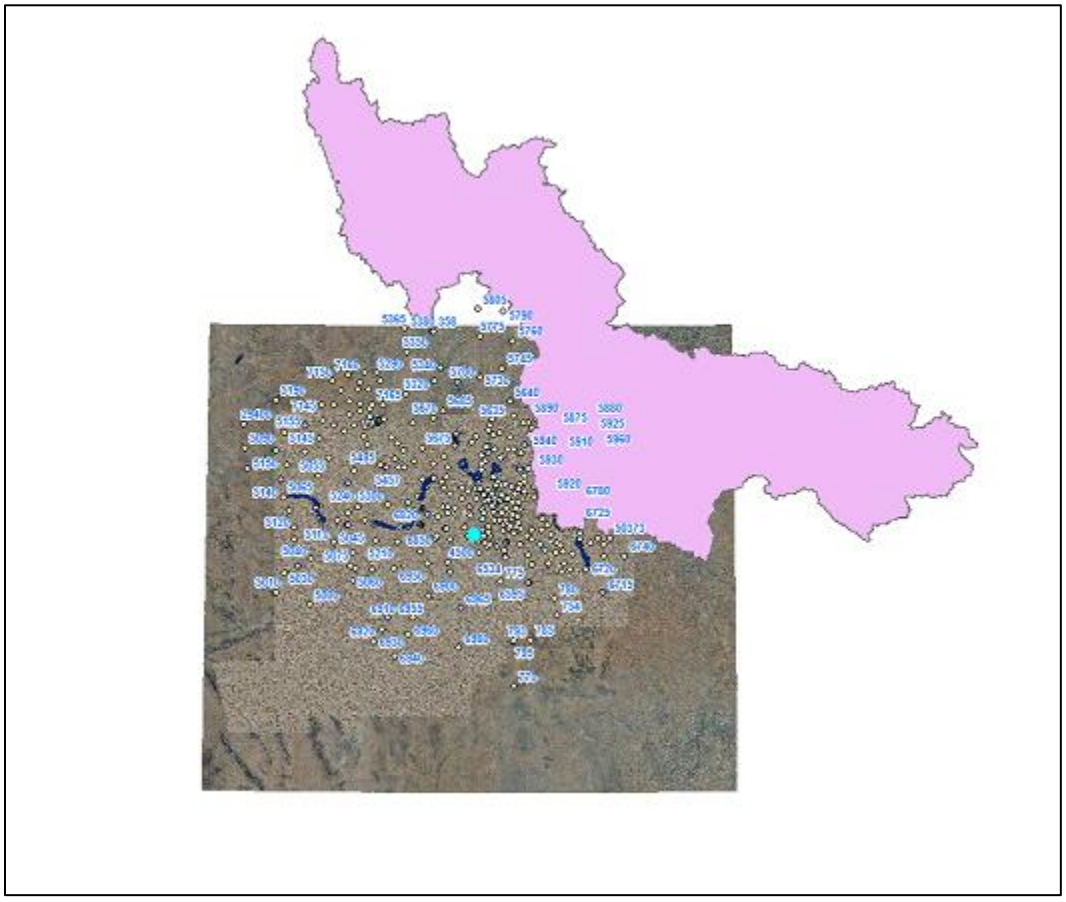
Salt River at Val Vista Drive, ID #39507

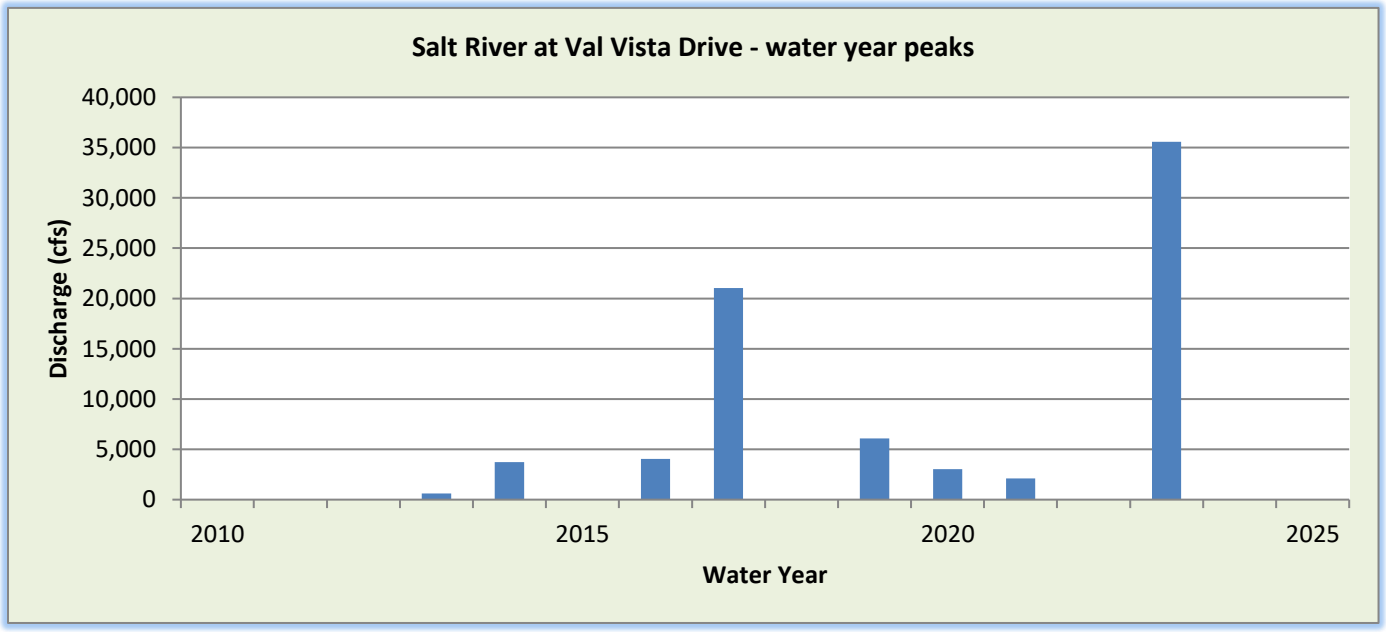


Site Data

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
ARIZONA STATE PLANE	E 686374 | N 885428
USGS QUAD SHEET	Red Mountain 7.5-Minute
STREAMGAGE INSTALLATION DATE	04/14/2011 – WY 2011
PERIOD OF AVAILABLE DATA RECORD	04/14/2011 – Current
LENGTH OF AVAILABLE DATA RECORD	12.47 Years | 4,553 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.40 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,240.00 feet NAVD88
POINT OF ZERO FLOW	0.0
EXTREME FOR PERIOD OF RECORD	35,564 cfs | 14.13 feet | 03/23/2023

Watershed Map

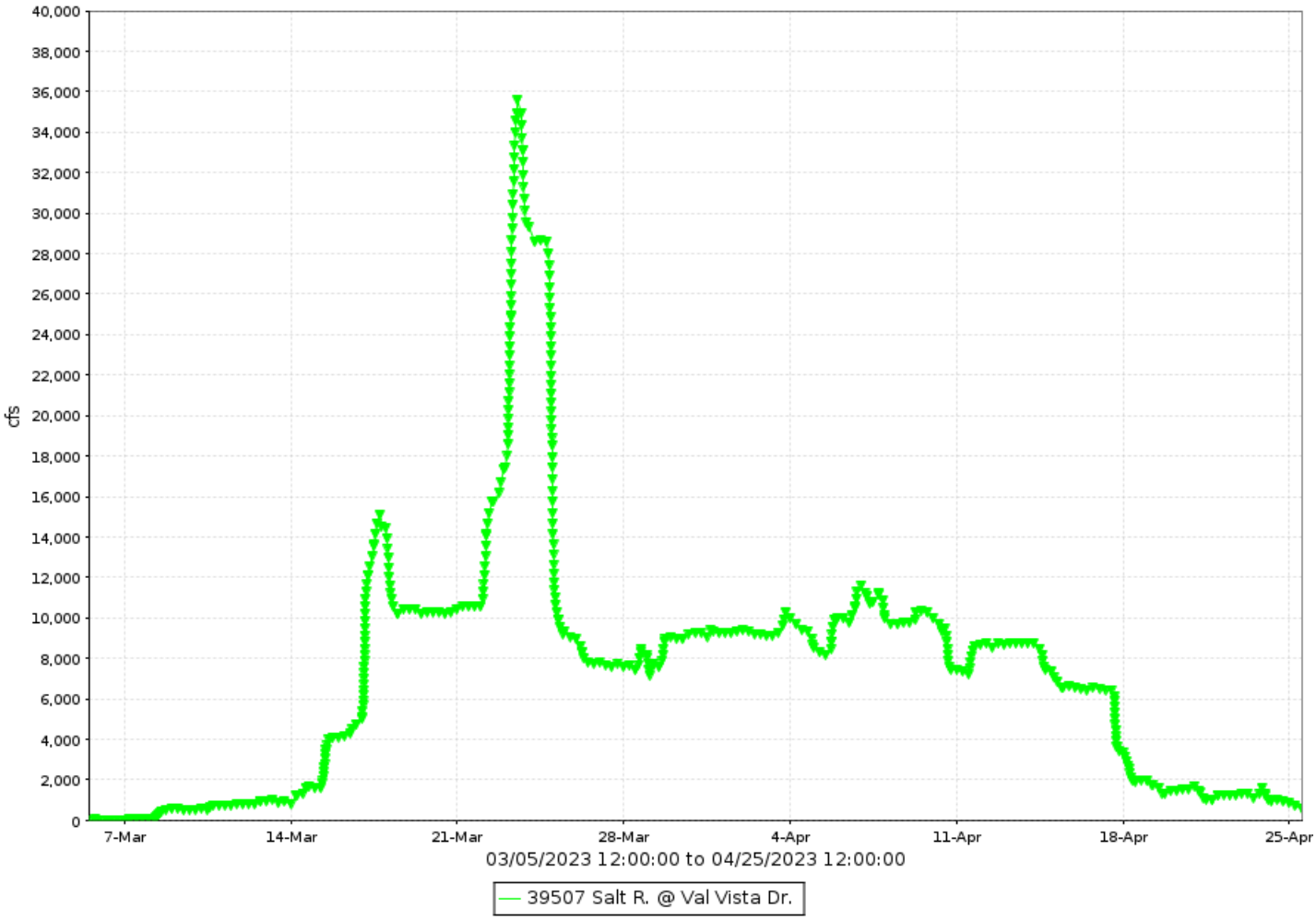




WY2023 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
3/23	14.13	35564

Hydrograph of peak WY 2023 flow event, 03/23/2023



Salt River at Val Vista Drive, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1							9275	402				
2							9282	212				
3							9427	1511				
4						20	9546	2453				
5						23	8666	2300				
6						18	10253	1698				
7						45	11005	1877				
8						282	9762	1309				
9						510	10126	304				
10						607	8856	134				
11						748	7814	114				
12						827	8656	18				
13						922	8702					
14						1294	8233					
15						2926	6754					
16						4350	6508					
17			---			12573	5521					
18		---		---		11005	2289					
19						10300	1611					
20		---		---		10227	1492					
21		---		---		10497	1216					
22		---		---		14816	1221					
23						29036	1290					
24						28119	973					
25		---				9978	734					
26						8114	1236					
27			---			7694	1367					
28						7821	973					
29				---	---	8037	1511					
30			---	---	---	9043	722					
31		---	---		---	9253	---		---			---
TOTAL	0	0	0	0	0	19908	16501	12331	0	0	0	0
MEAN	0	0	0	0	0	6422	5501	398	0	0	0	0
MAX	0	0	0	0	0	35564	11592	2580	0	0	0	0
MIN	0	0	0	0	0	0	511	0	0	0	0	0
AC_FT	0	0	0	0	0	394879	327311	24459	0	0	0	0

WTR YR 2023 TOTAL 37643 MEAN 1031 MAX 35564 MIN 0 AC_FT 746649

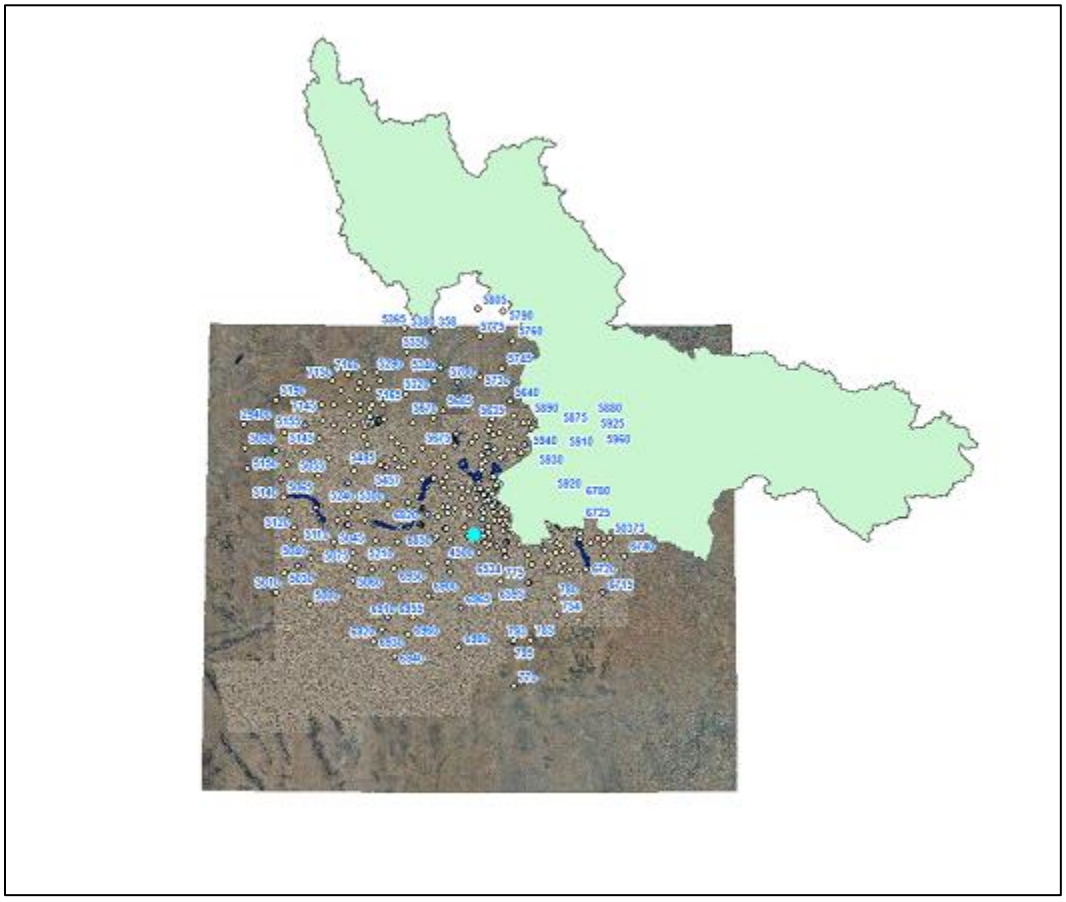
Salt River at Priest Drive, ID #67307

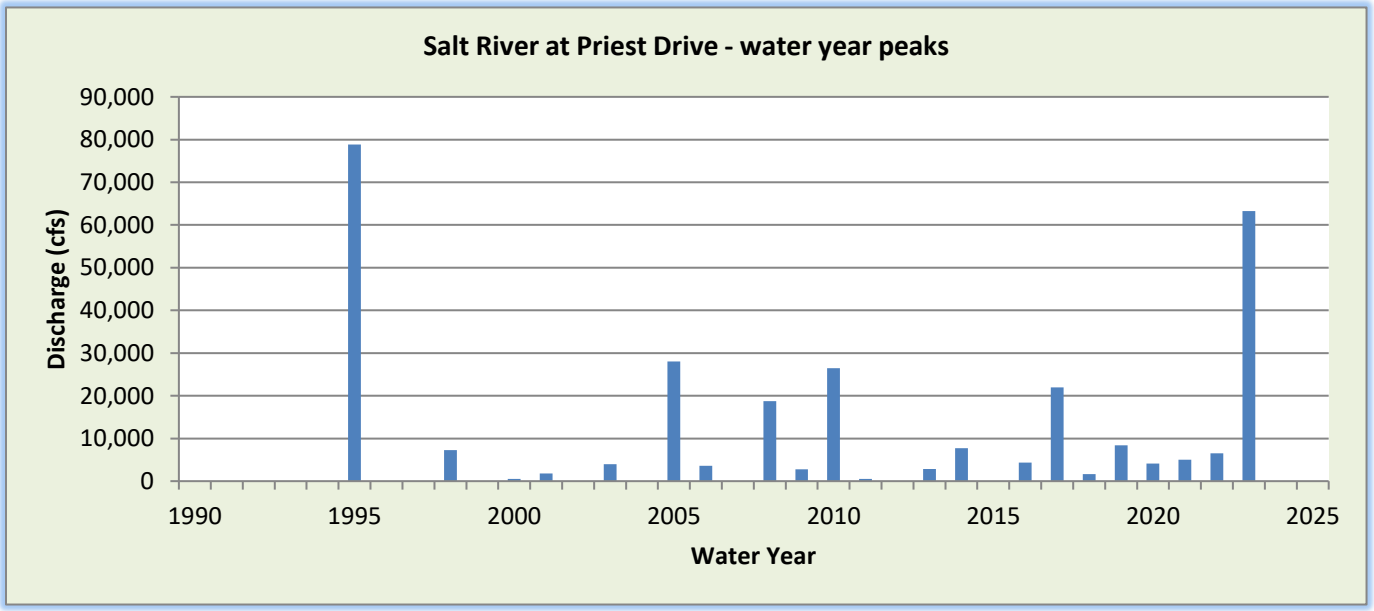


Site Data

LOCATION	Located on the Priest Drive Bridge
DRAINAGE AREA	13,286 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
ARIZONA STATE PLANE	E 686374 | N 885428
USGS QUAD SHEET	Tempe 7.5-Minute
STREAMGAGE INSTALLATION DATE	12/07/1993 – WY 1994
PERIOD OF AVAILABLE DATA RECORD	12/07/1993 – Current
LENGTH OF AVAILABLE DATA RECORD	29.82 Years | 10,890 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Non-Submersible Pressure Transducer
STAGE GAGE ELEVATION	2.60 feet Gage Height
STAFF GAGES	2
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,121.809 feet NAVD88
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

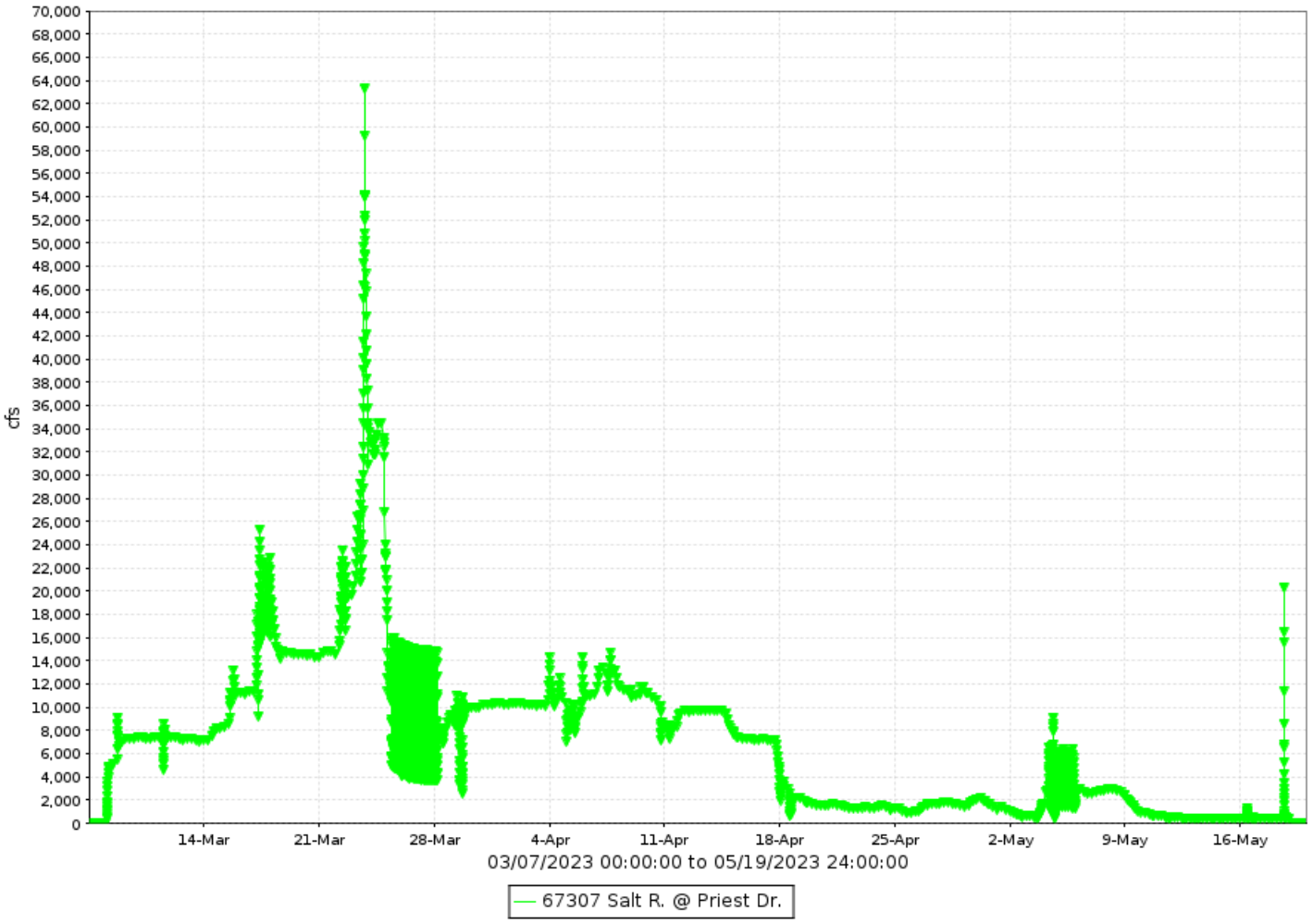




WY2023 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
3/1	3.28	889
3/23	11.69	63246
7/27	3.49	549
8/28	3.45	455
9/26	3.36	295

Hydrograph of peak WY 2023 flow event, 03/23/2023



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-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				81		119	10265	1272				
2				209		185	10241	787				
3			121				10189	639				
4			260				11000	2828				
5							9282	3448				
6							11126	2677				
7							12987	2683				
8						4693	11822	2815			7	
9						7198	11177	1630				
10						7309	10346	769				
11						7320	8332	509				
12						7258	9576	398				
13						7208	9698	353				
14						7544	9483	352				
15						9462	7602	330				
16						11204	7197	389				
17						16950	6912	319				
18						16048	2666	720				
19						14630	1978	79				
20					62	14447	1550					
21						14681	1554					
22						17980	1258					
23						29209	1318					
24					38	33397	1354				3	2
25						12681	1097				4	5
26						8814	1075					61
27						8007	1645			31		6
28			161			8031	1708				57	12
29					---	8740	1643					5
30					---	9934	1888					
31		---			---	10253	---		---			---
TOTAL	0	0	543	291	100	29330	18797	22997	0	31	70	92
MEAN	0	0	18	9	4	9461	6266	742	0	1	2	3
MAX	0	0	470	351	329	63246	14713	20269	0	549	455	295
MIN	0	0	0	0	0	0	598	0	0	0	0	0
AC_FT	0	0	1077	576	199	58175	63728	45613	0	62	140	183

WTR YR 2023 TOTAL 50539 MEAN 1385 MAX 63246 MIN 0 AC_FT 100243

See *USGS Water-Data Report* for official data for this site.

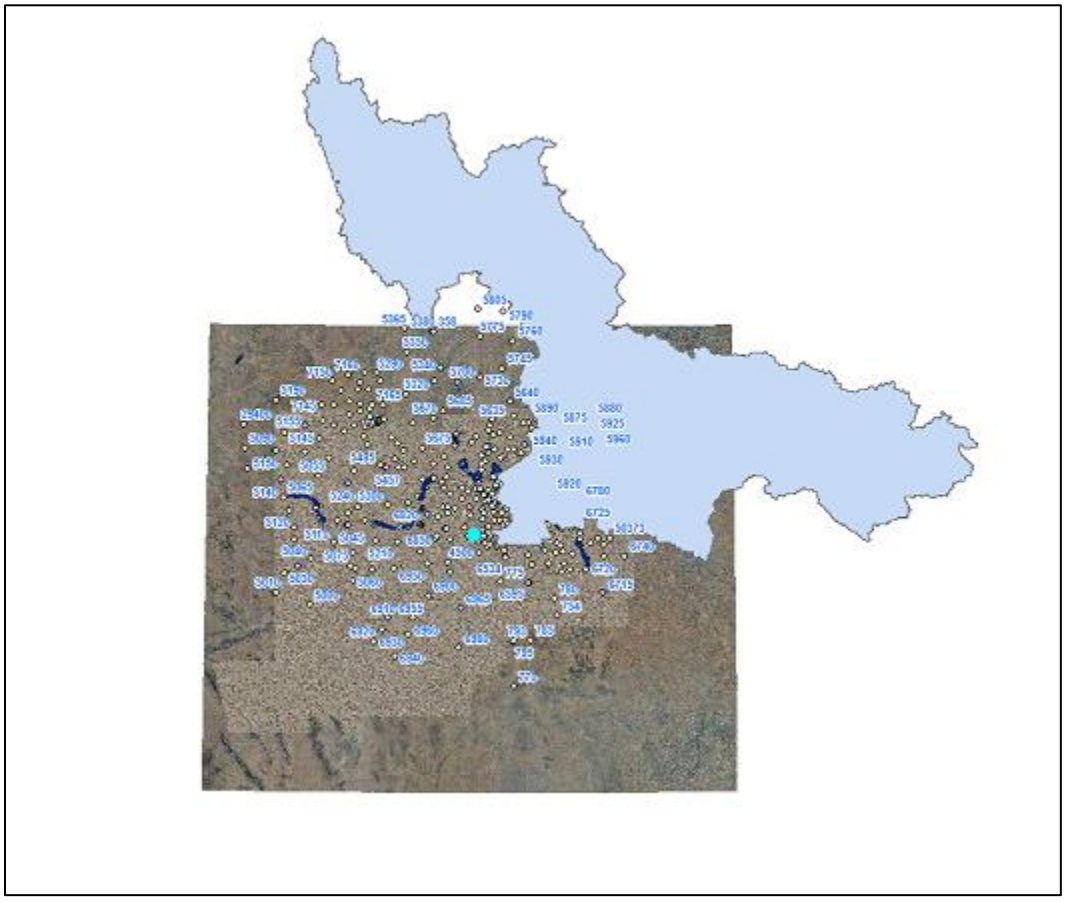
Salt River at 7th Avenue, ID #68007

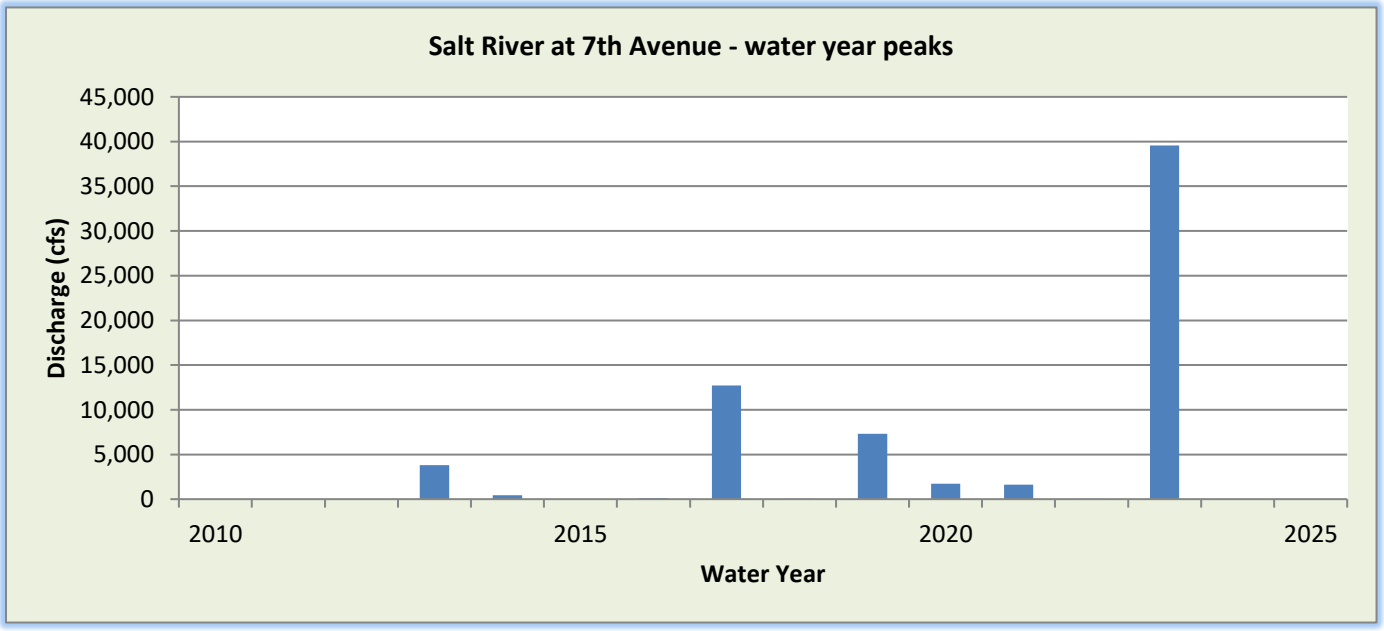


Site Data

LOCATION	Located on 7th Avenue Bridge
DRAINAGE AREA	13,326 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
20.ARIZONA STATE PLANE	E 649453 | N 879978
USGS QUAD SHEET	Phoenix 7.5-Minute
STREAMGAGE INSTALLATION DATE	01/25/2012 - WY 2012
PERIOD OF AVAILABLE DATA RECORD	01/25/2012 – Current
LENGTH OF AVAILABLE DATA RECORD	11.68 Years | 4,267 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.00 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,027.403 feet NAVD88
POINT OF ZERO FLOW	Undetermined
EXTREME FOR PERIOD OF RECORD	20.44 FEET | 39,558 CFS | 03/23/2023

Watershed Map

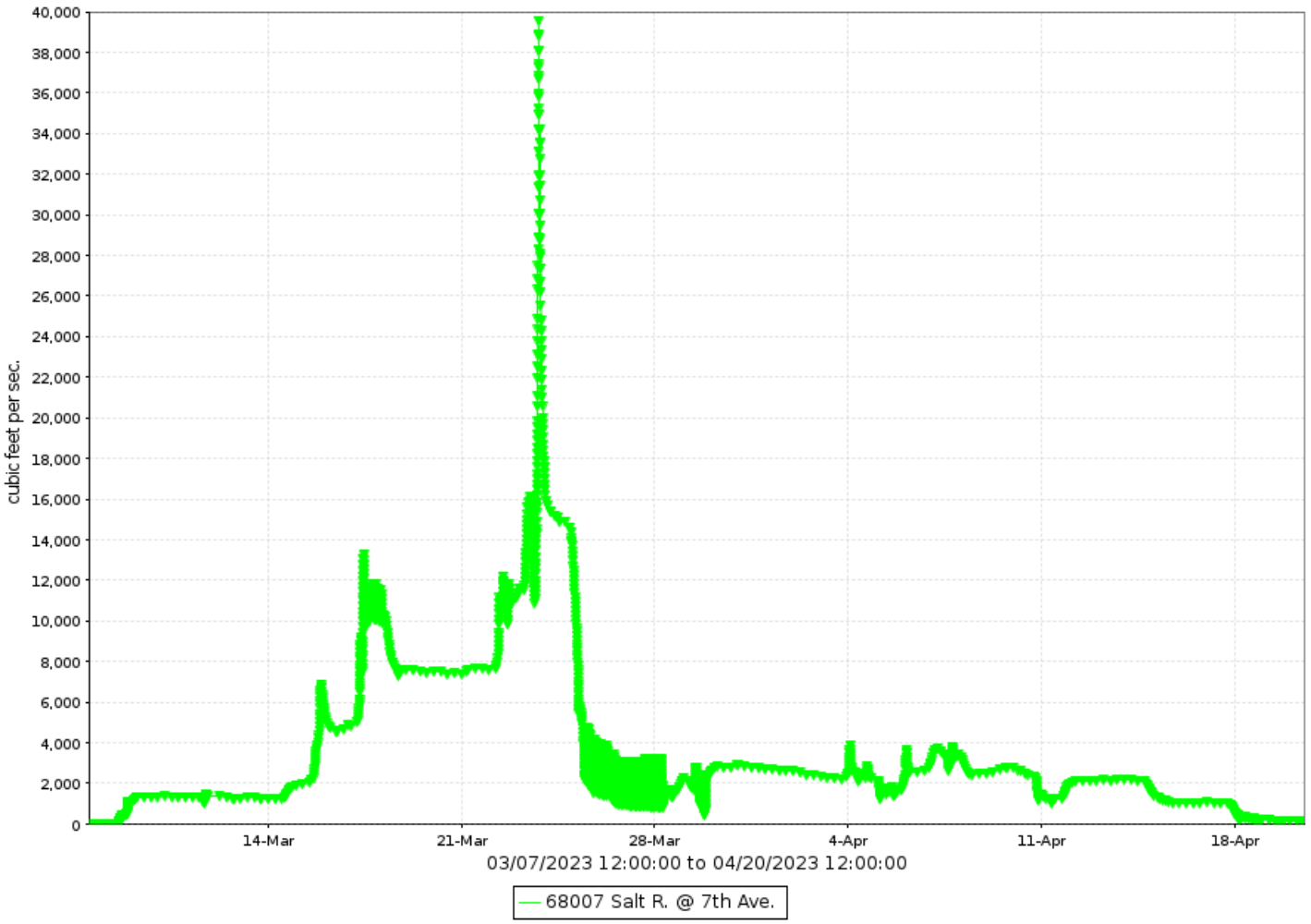




WY2023 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
3/2	3.91	18
3/23	20.44	39558
7/27	0.76	35
9/12	0.83	40

Hydrograph of peak WY 2023 flow event, 03/23/2023



Salt River at 7th Avenue, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				---		10	2639	53				
2				14		26	2485	14				
3			9				2270					
4			38	---			2485	159				
5			2	---			1673	266				
6				---			2608	177				
7							3361	156				
8						207	2645	169				
9						1252	2632	87				
10						1323	2363	12				
11						1308	1320					
12						1305	2086					2
13						1269	2148					2
14				---		1388	2076					
15				---	1	2881	1186					
16				6		4794	1010				3	
17				9		8701	988					
18				5	---	8680	275	42				
19				---	---	7527	163	2				
20		---		---		7451	105					
21				---		7589	96					
22				---		9808	72					
23						16264	70					
24						15215	74					
25						5381	56					
26						2267	38					
27						1839	97			3		
28			17			1631	101					
29			3		---	2013	85					
30			---		---	2772	112					
31		---	---		---	2818	---		---			---
TOTAL	0	0	68	24	1	11571	37320	1137	0	3	3	4
MEAN	0	0	2	1	0	3733	1244	37	0	0	0	0
MAX	0	0	63	21	6	39558	3833	465	0	35	35	40
MIN	0	0	0	0	0	0	27	0	0	0	0	0
AC_FT	0	0	135	48		1229522	74024	2256	0	5	6	8

WTR YR 2023 TOTAL 15427 MEAN 423 MAX 39558 MIN 0 AC_FT 306005

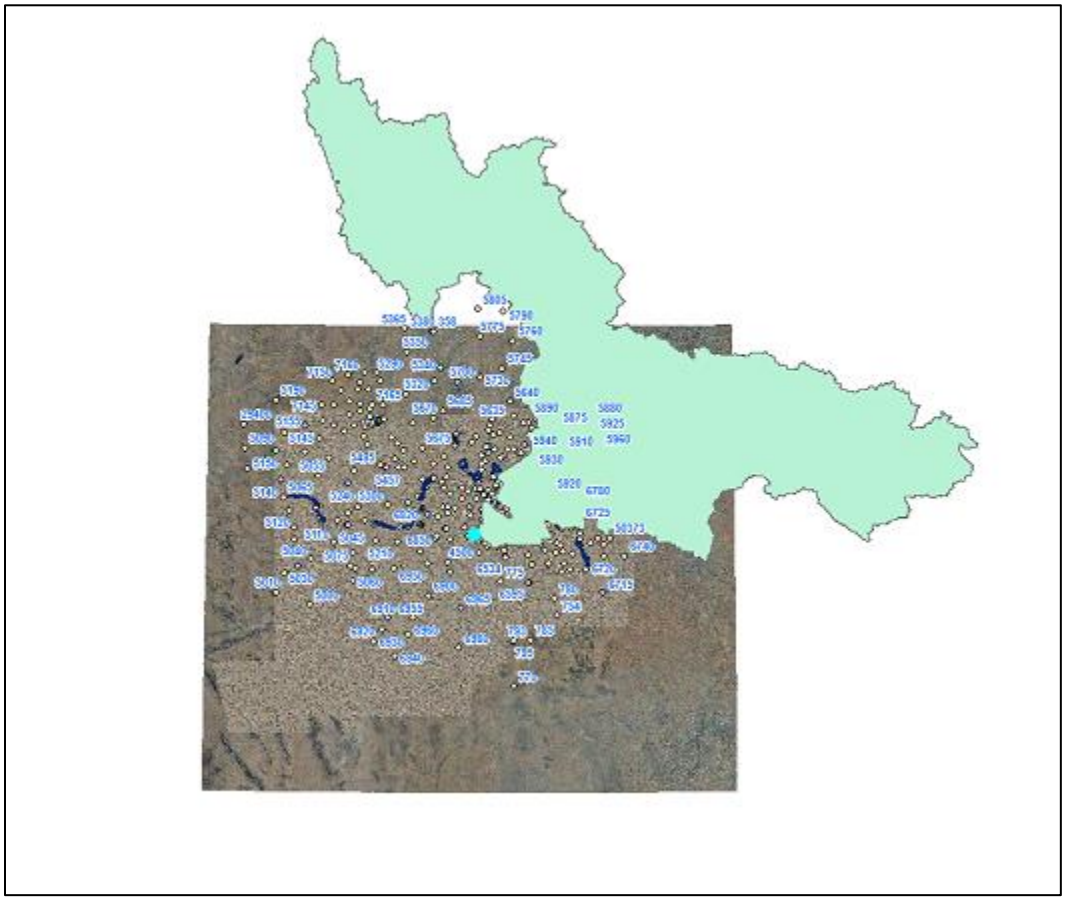
Salt River at 51st Avenue, ID #5307

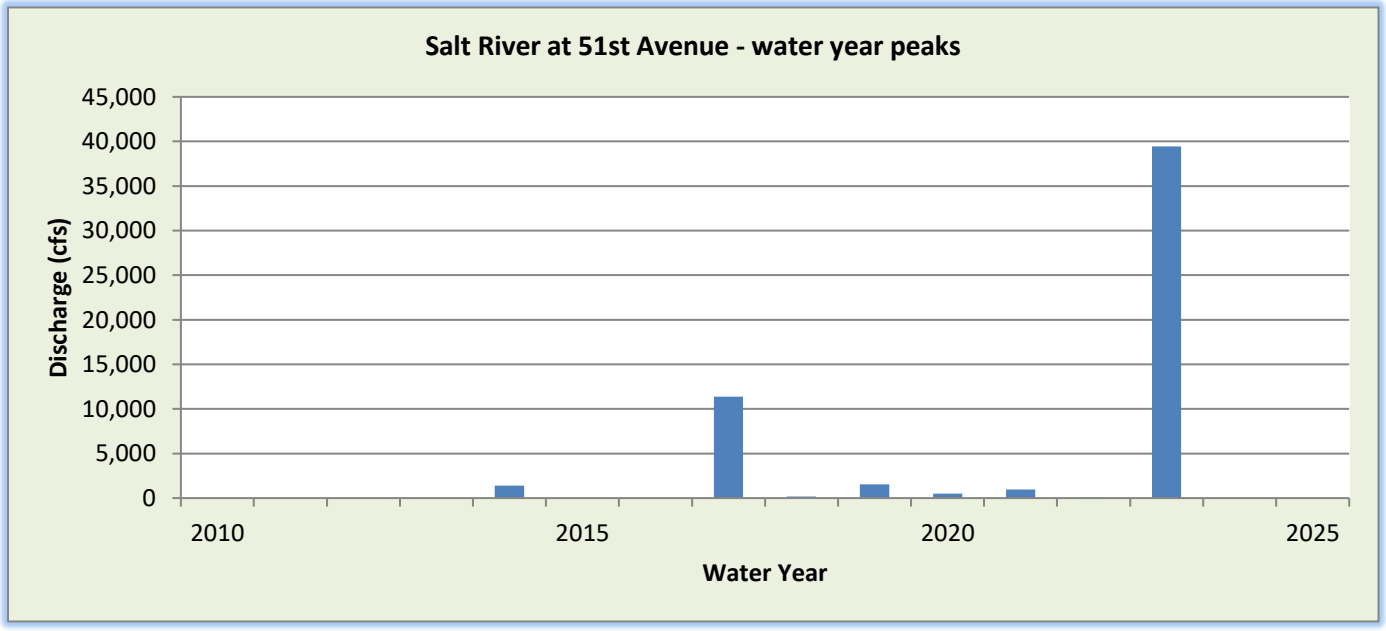


Site Data

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
ARIZONA STATE PLANE	E 623086 | N 874737
USGS QUAD SHEET	Fowler 7.5-Minute
STREAMGAGE INSTALLATION DATE	04/27/2011 - WY 2011
PERIOD OF AVAILABLE DATA RECORD	04/27/2011 - Current
LENGTH OF AVAILABLE DATA RECORD	12.43 Years | 4,540 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Gas Purge Non Submersible Transducer
STAGE GAGE ELEVATION	1.90 feet Gage Height
STAFF GAGES	2
CREST STAGE GAGES	3
ZERO GAGE HEIGHT ELEVATION	986.611 feet NAVD88
POINT OF ZERO FLOW	1.5 feet Gage Height
EXTREME FOR PERIOD OF RECORD	15.21 FEET | 39,432 CFS | 03/23/2023

Watershed Map

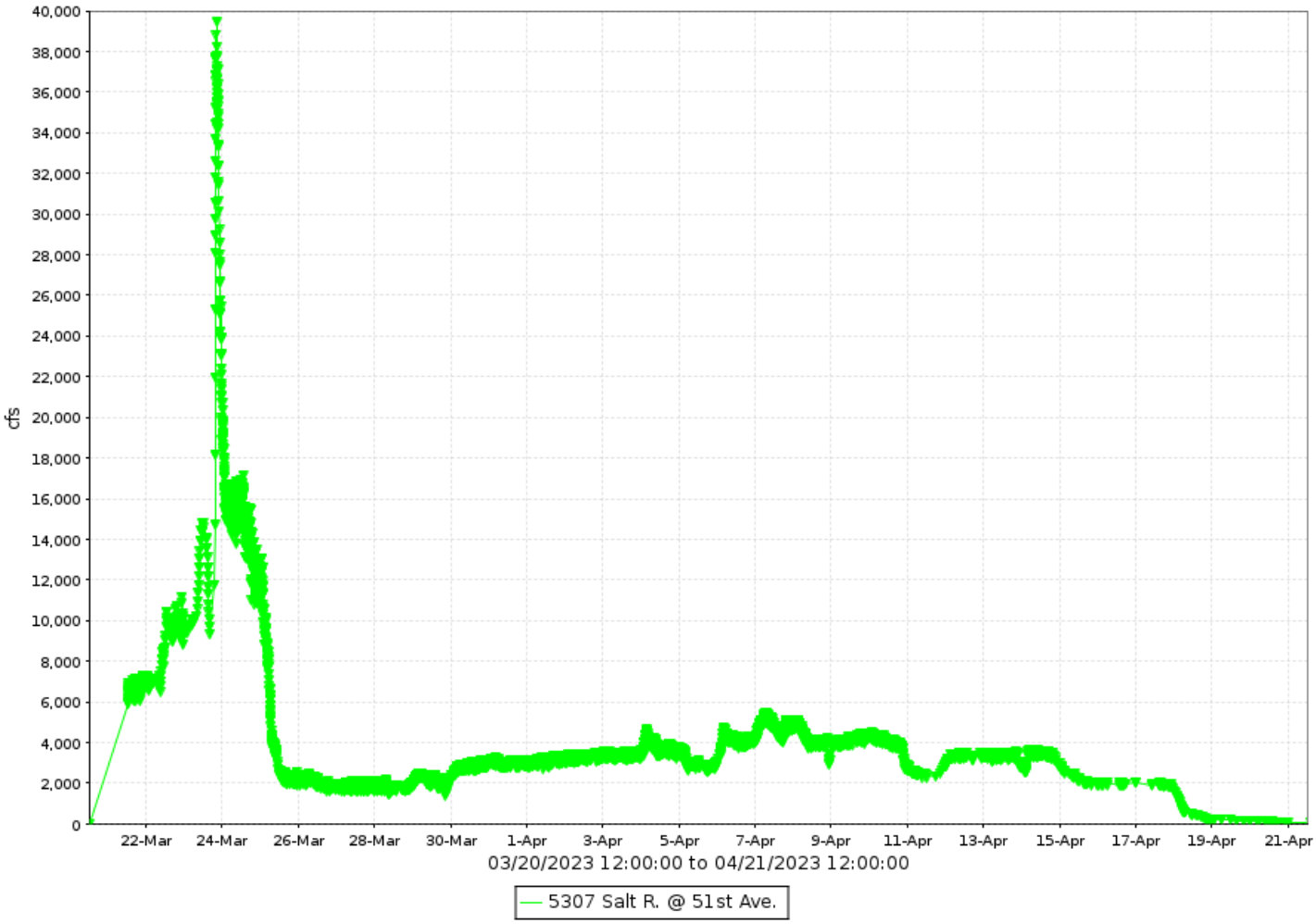




WY2023 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
10/15	2.40	31
12/28	2.84	119
1/16	2.41	33
3/2	3.09	161
3/23	15.21	39432
5/5	3.42	232

Hydrograph of peak WY 2023 flow event, 03/23/2023



Salt River at 51st Avenue, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6			5		28	3082	23				
2						39	3268					
3							3366					
4							3761	52				
5							2981	193				
6							4037	149				
7		7					4756	112				
8		11					4200	125				
9		---					4114	65				
10		---					3947					
11		4					2473					
12							3306					
13							3335					
14							3288					
15	8						2295					
16	18						1989					
17	12						1963					
18	11						614	---				
19	12						180					
20	13						101					
21						3263	69					
22						8432	38					
23						14809	---					
24						14836	24				2	
25						4573	17					
26						2000						
27					7	1825	30					
28			24		19	1782	64					
29			17		---	2087	33					
30			14		---	2769	94					
31		---	14		---	2980	---		---			---
TOTAL	80	45	69	5	26	59400	57448	719	0	0	2	0
MEAN	3	2	2	0	1	1967	1915	23	0	0	0	0
MAX	31	11	119	0	19	39432	5477	232	0	10	11	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	159	90	136	9	52	117817	113947	1425	0	0	4	0

WTR YR 2023 TOTAL 11779 MEAN 323 MAX 39432 MIN 0 AC_FT 233639

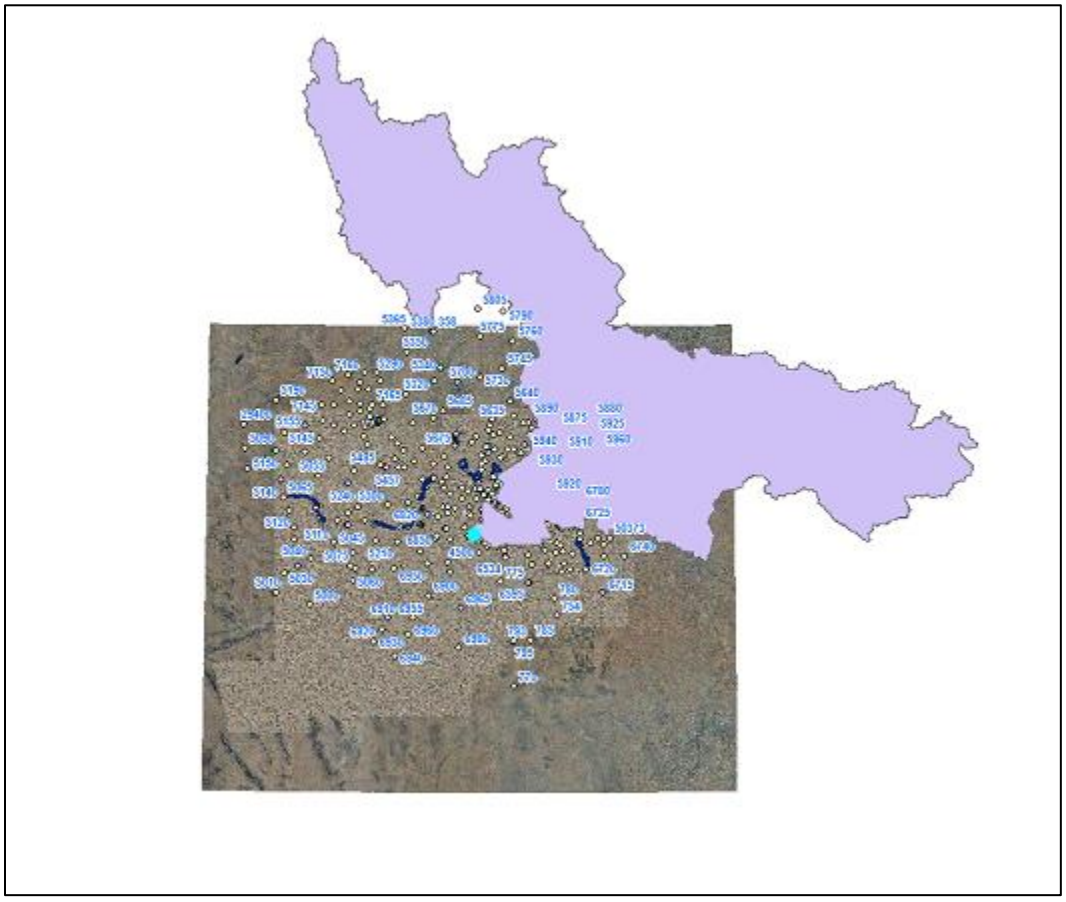
Salt River at 67th Avenue, ID #5807

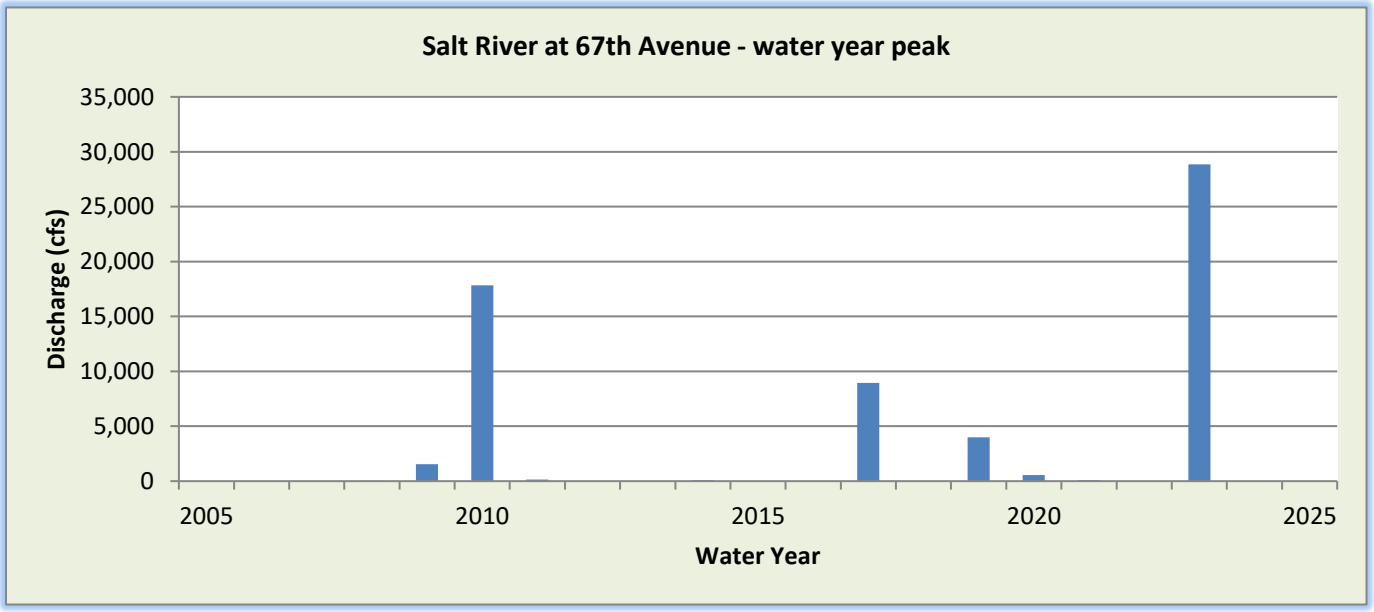


Site Data

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
ARIZONA STATE PLANE	E 612465 | N 872360
USGS QUAD SHEET	Fowler 7.5-Minute
STREAMGAGE INSTALLATION DATE	07/14/2008 - WY 2008
PERIOD OF AVAILABLE DATA RECORD	07/14/2008 - Current
LENGTH OF AVAILABLE DATA RECORD	15.21 Years | 5,557 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	-0.35 feet Gage Height
STAFF GAGES	None
CREST STAGE GAGES	None
ZERO GAGE HEIGHT ELEVATION	975.107 feet NAVD88
POINT OF ZERO FLOW	0.00 feet Gage Height
EXTREME FOR PERIOD OF RECORD	13.00 FEET | 28,848 CFS | 03/23/2023

Watershed Map



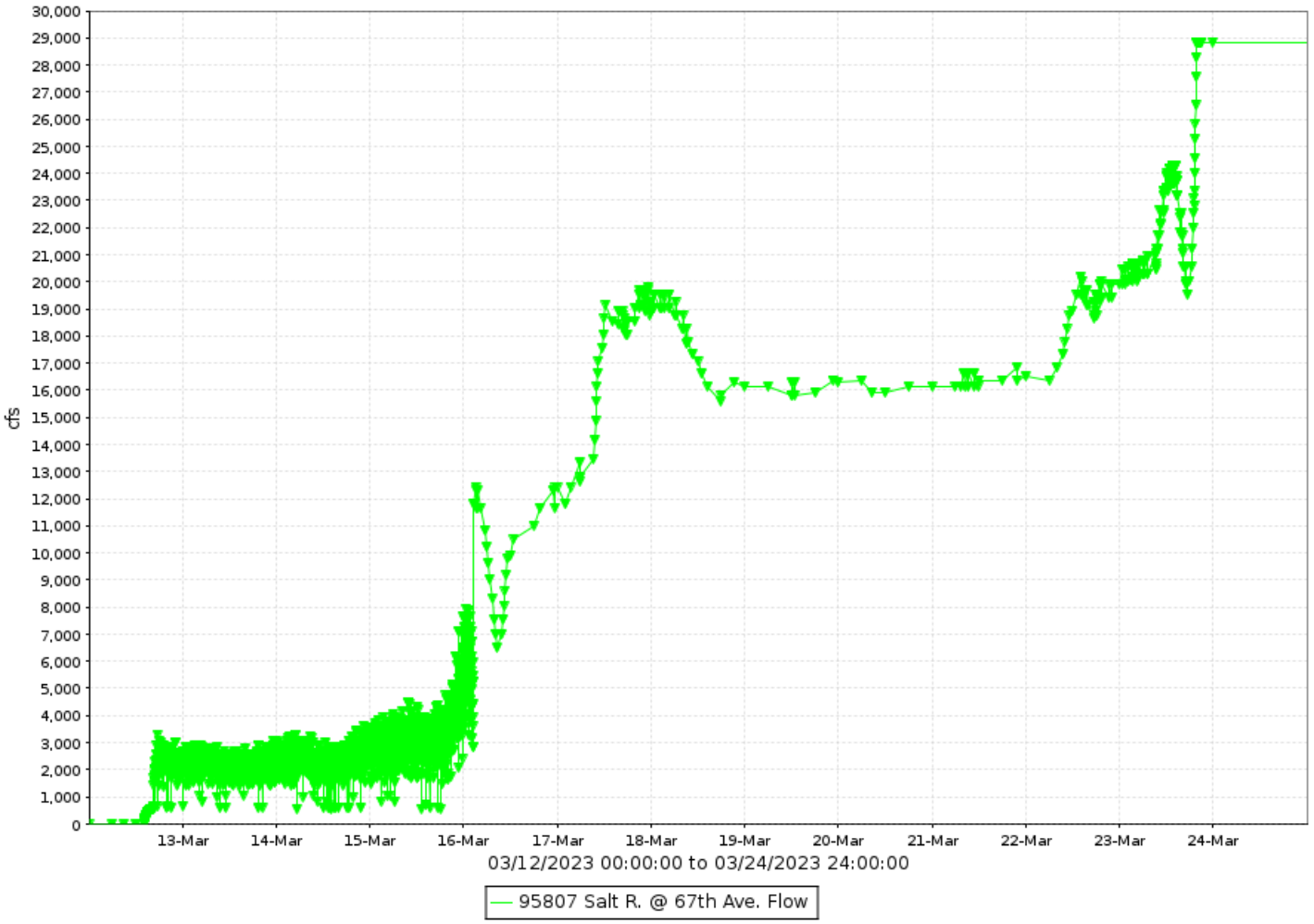


WY2023 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
3/23	13.00*	28848

* Station destroyed by flow event, maximum estimated

Hydrograph of peak WY 2023 flow event, 03/23/2023



*Station destroyed during event.

Salt River at 67th Avenue, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

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	---					729	---	---	---	---	---	---
13	---					2175	---	---	---	---	---	---
14	---					2322	---	---	---	---	---	---
15	---					3228	---	---	---	---	---	---
16	---					9836	---	---	---	---	---	---
17	---					16115	---	---	---	---	---	---
18						17495	---	---	---	---	---	---
19						16028	---	---	---	---	---	---
20	---					16106	---	---	---	---	---	---
21	---					16310	---	---	---	---	---	---
22	---					18211	---	---	---	---	---	---
23	---					22723	---	---	---	---	---	---
24						---	---	---	---	---	---	---
25						---	---	---	---	---	---	---
26						---	---	---	---	---	---	---
27						---	---	---	---	---	---	---
28						---	---	---	---	---	---	---
29					---	---	---	---	---	---	---	---
30					---	---	---	---	---	---	---	---
31		---			---	---	---	---	---	---	---	---
TOTAL	0	0	0	0	0	37206	---	---	---	---	---	---
MEAN	0	0	0	0	0	12002	---	---	---	---	---	---
MAX	0	0	0	0	0	---	---	---	---	---	---	---
MIN	0	0	0	0	0	0	---	---	---	---	---	---
AC_FT	0	0	0	0	0	737974	---	---	---	---	---	---

WTR YR 2023 TOTAL 37206 MEAN 15483 MAX --- MIN 0 AC_FT 737974

*Station was removed after it was destroyed by the Spring Dam release. Unable to measure entire event due to damage. Station was unable to record the entire year. Total Acre Feet likely inaccurate.

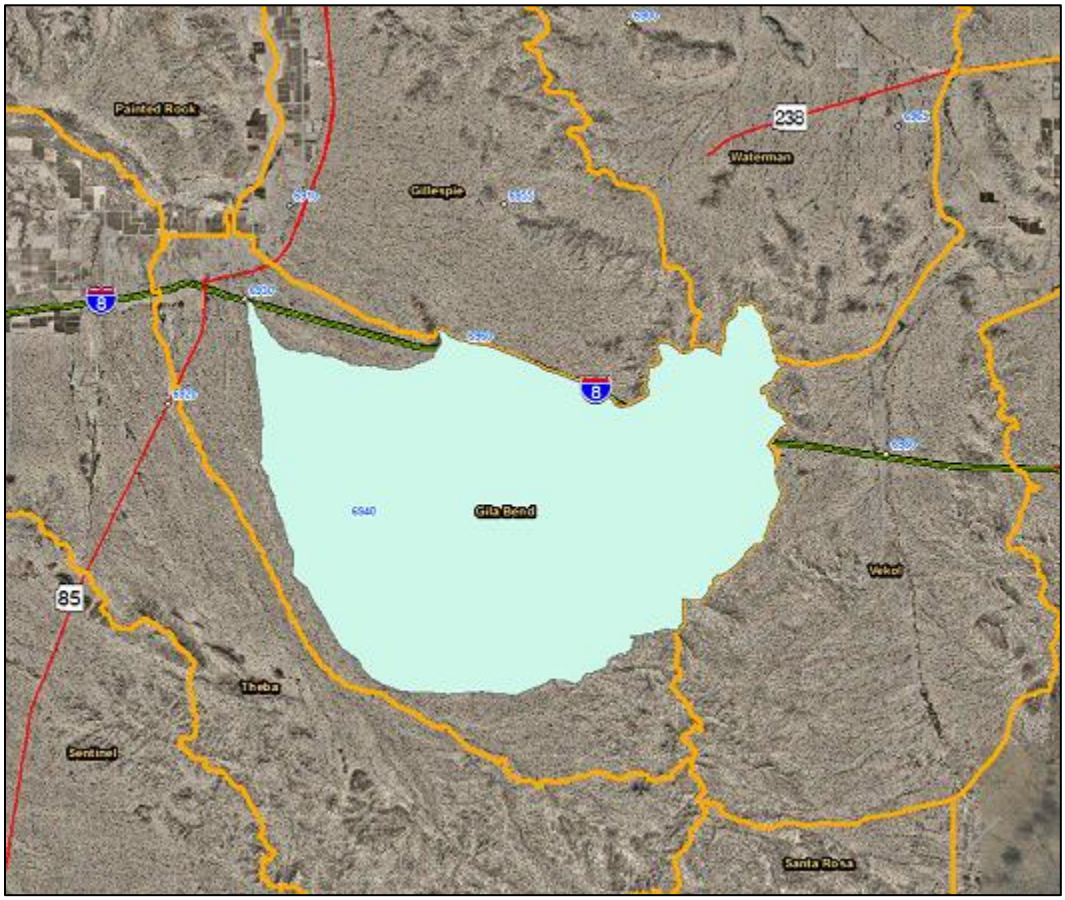
Sand Tank Wash at I-8, ID #40007

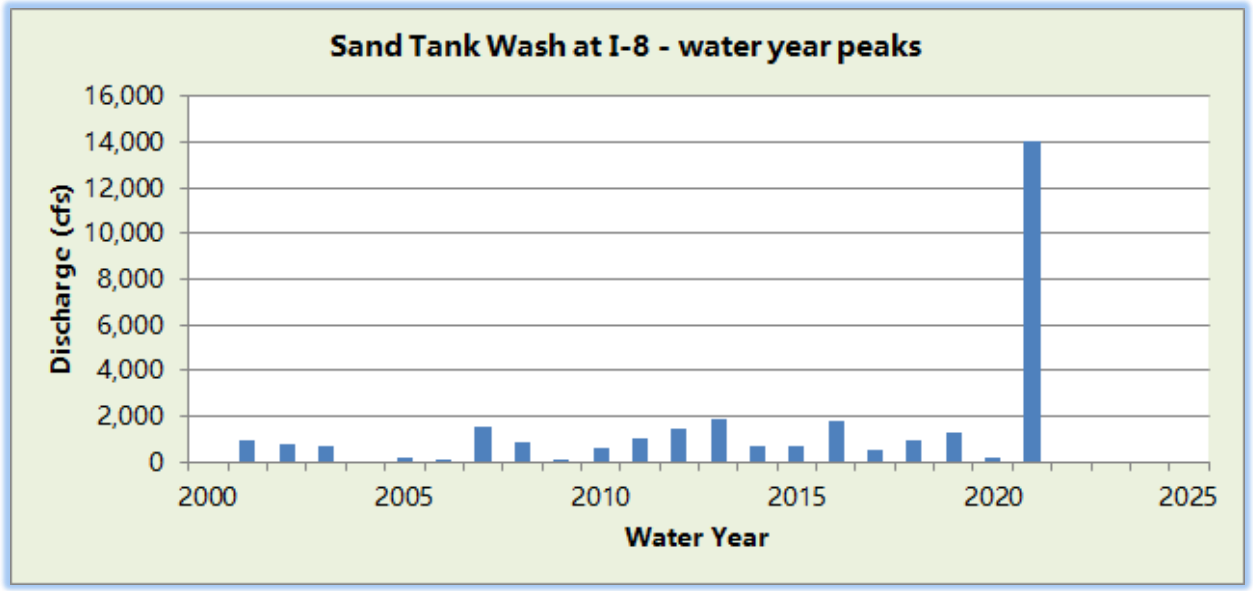


Site Data

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
ARIZONA STATE PLANE	E 457901 | N 704088
USGS QUAD SHEET	Gila Bend 7.5-Minute
STREAMGAGE INSTALLATION DATE	05/31/2001 - WY 2001
PERIOD OF AVAILABLE DATA RECORD	05/31/2001 - Current
LENGTH OF AVAILABLE DATA RECORD	22.34 Years | 8,158 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	3.21 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	760.54 feet NAVD 1988
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	14,000 cfs | 7.69 feet | 08/14/2022

Watershed Map





WY2023 Events

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

Hydrograph of peak WY 2023 flow event,

No flow recorded during Water Year 2023.

Sand Tank Wash at I-8, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

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 2023 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

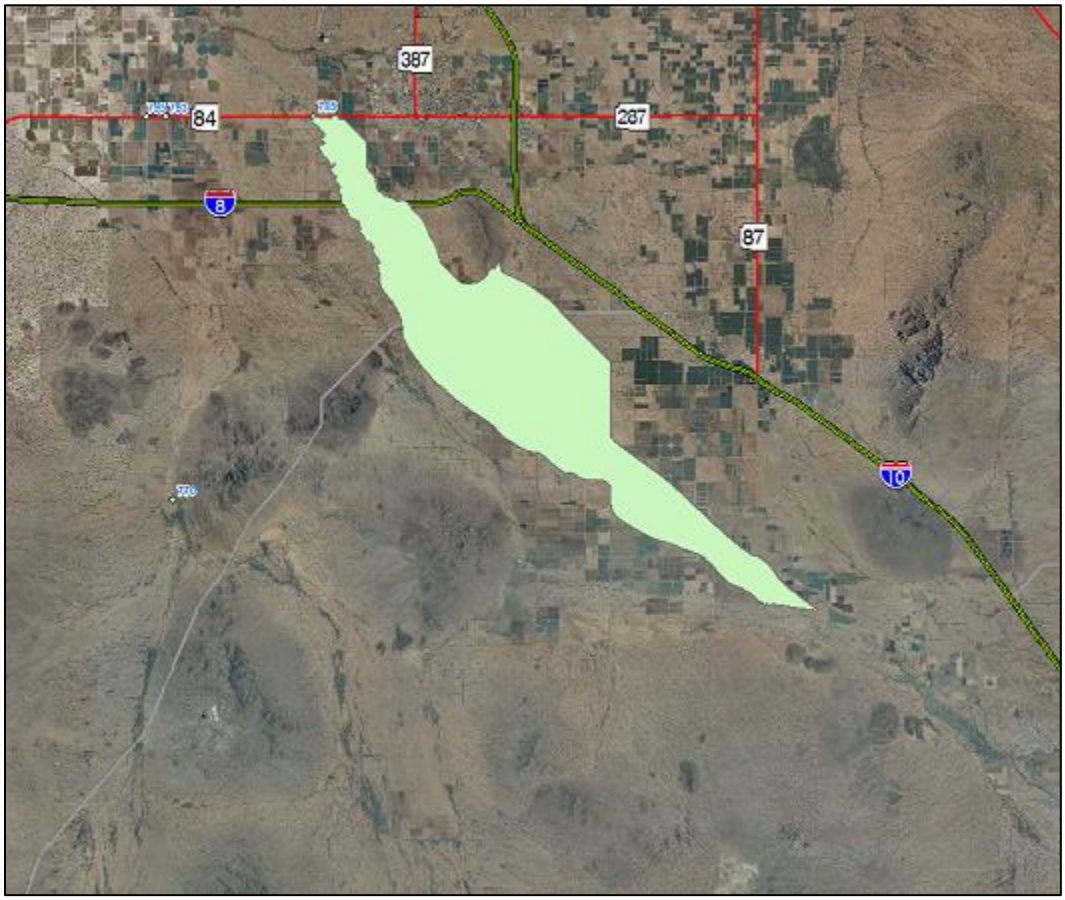
Santa Cruz River at SR84, ID #63807

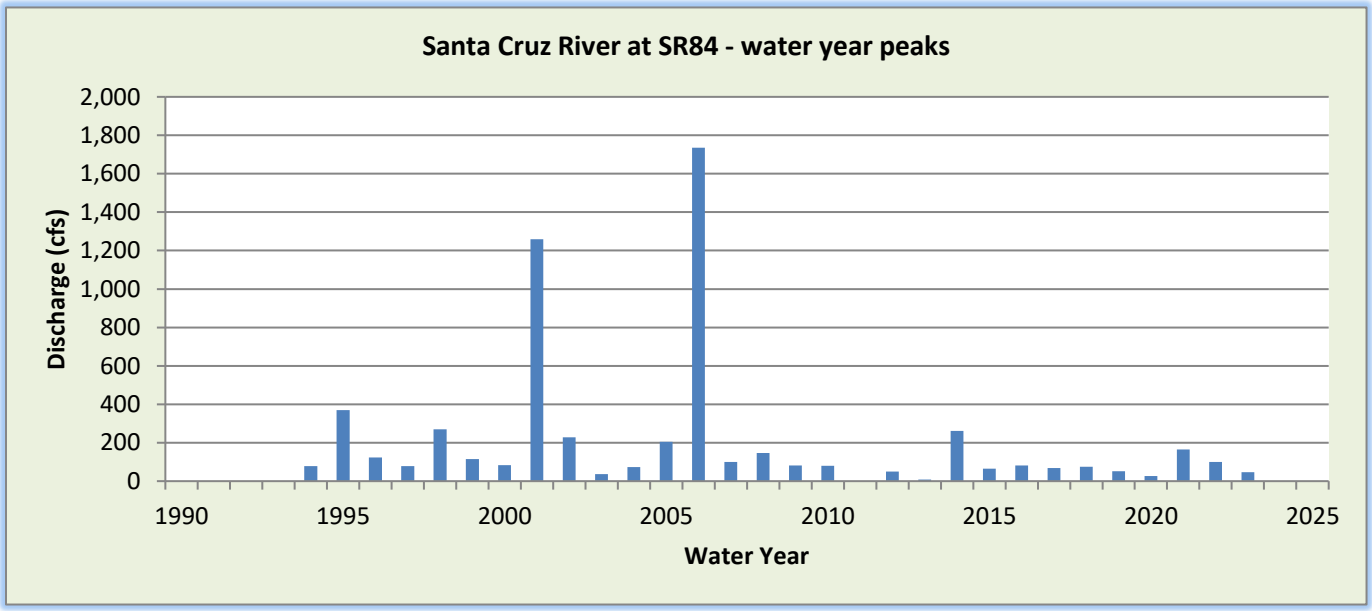


Site Data

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
ARIZONA STATE PLANE	E 726905 | N 683721
USGS QUAD SHEET	Casa Grande West 7.5-Minute
STREAMGAGE INSTALLATION DATE	03/16/1994 - WY 1994
PERIOD OF AVAILABLE DATA RECORD	03/16/1994 - Current
LENGTH OF AVAILABLE DATA RECORD	29.54 Years | 10,791 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.00 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	2
ZERO GAGE HEIGHT ELEVATION	1,346.198 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

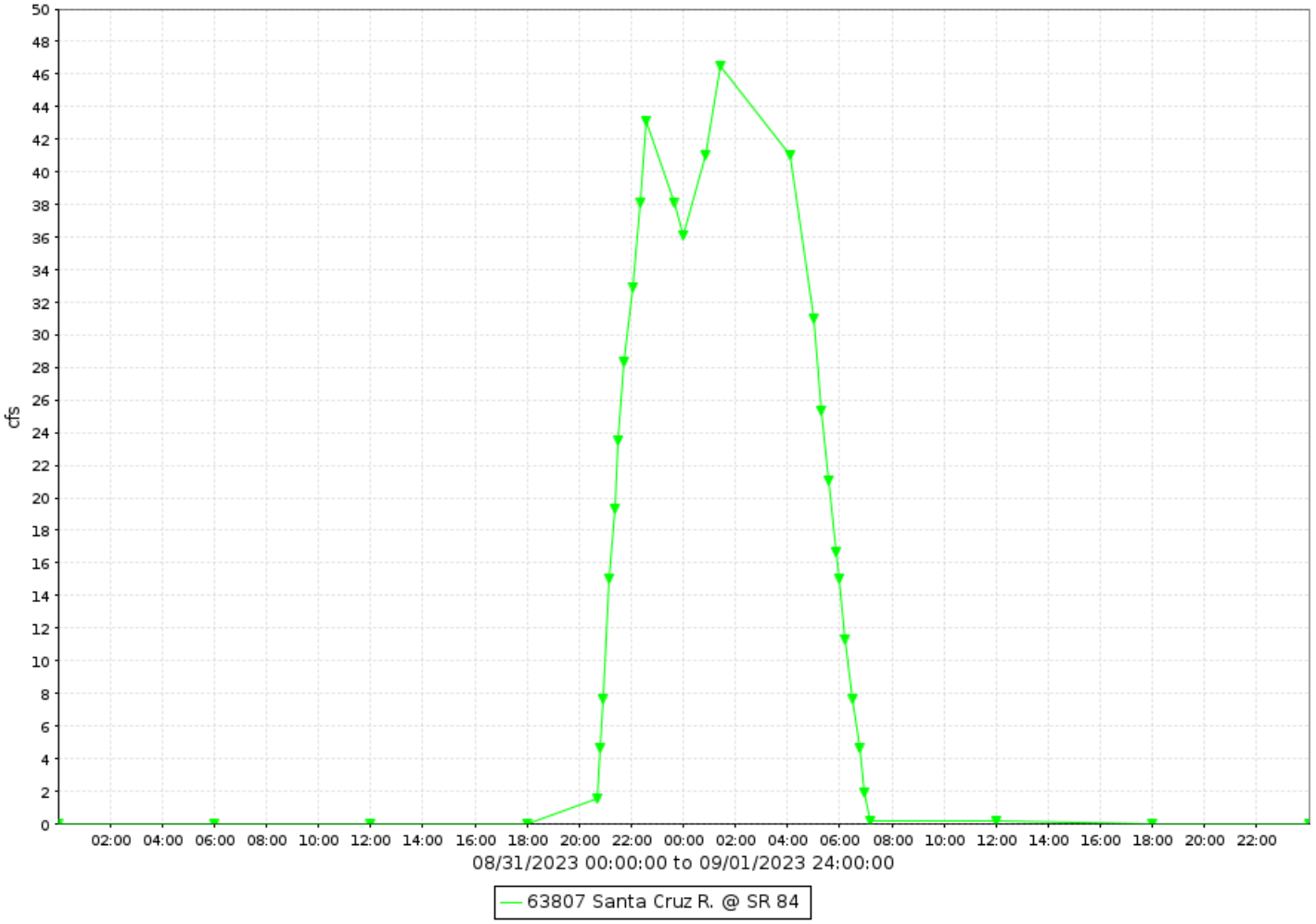




WY2023 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
12/4	1.37	42
9/1	1.47	47

Hydrograph of peak WY 2023 flow event, 09/01/2023



Santa Cruz River at SR84, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												10
2												
3												
4			26									
5			3									
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		---			---		---		---		4	---
TOTAL	0	0	29	0	0	0	0	0	0	0	4	10
MEAN	0	0	1	0	0	0	0	0	0	0	0	0
MAX	0	0	42	0	0	0	0	0	0	0	43	47
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	58	0	0	0	0	0	0	0	8	21

WTR YR 2023 TOTAL 44 MEAN 0 MAX 47 MIN 0 AC_FT 87

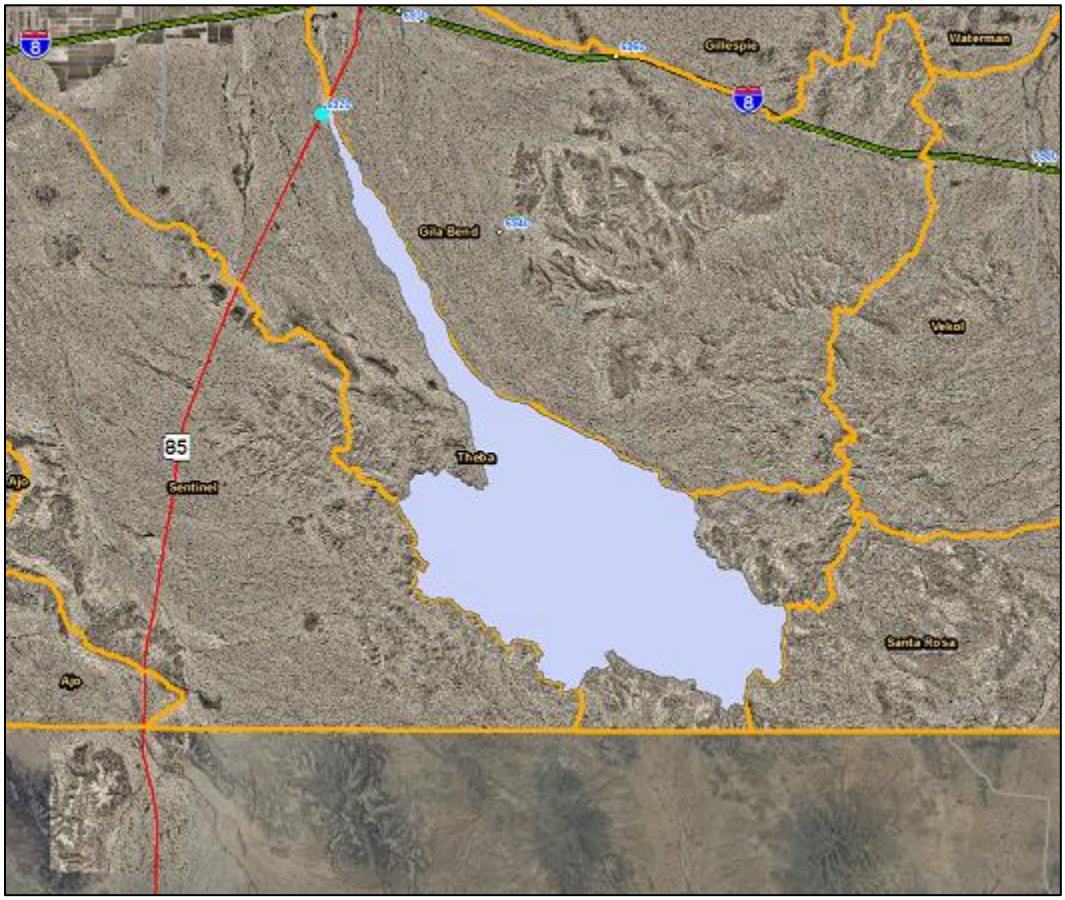
Sauceda Wash, ID #71007

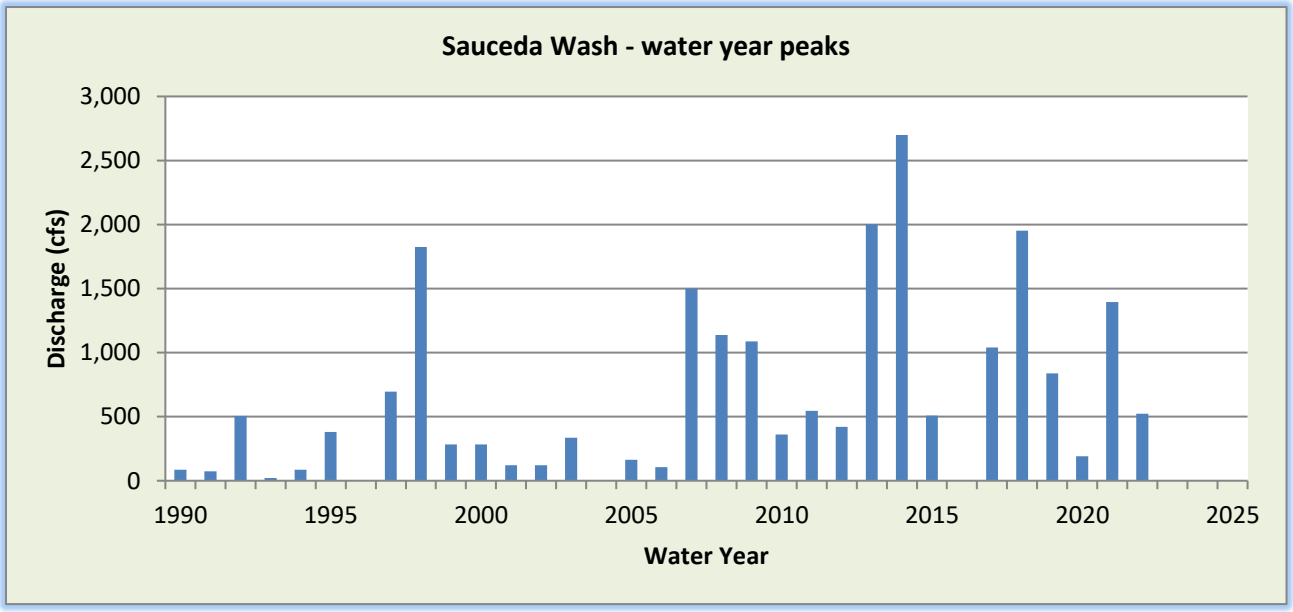


Site Data

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
ARIZONA STATE PLANE	E 442867 | N 685054
USGS QUAD SHEET	Black Gap 7.5-Minute
STREAMGAGE INSTALLATION DATE	02/28/1990 - WY 1990
PERIOD OF AVAILABLE DATA RECORD	02/28/1990 - Current
LENGTH OF AVAILABLE DATA RECORD	33.59 Years | 12,268 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	1.10 feet Gage Height
STAFF GAGES	2
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	841.472 feet NAVD88
POINT OF ZERO FLOW	1.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	2,698 cfs | 5.70 feet | 08/13/2014

Watershed Map





WY2023 Events

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

Hydrograph of peak WY 2023 flow event

No runoff recorded during Water Year 2023.

Sauceda Wash, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

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

WTR YR 2023 TOTAL 1 MEAN 0 MAX 29 MIN 0 AC_FT 2

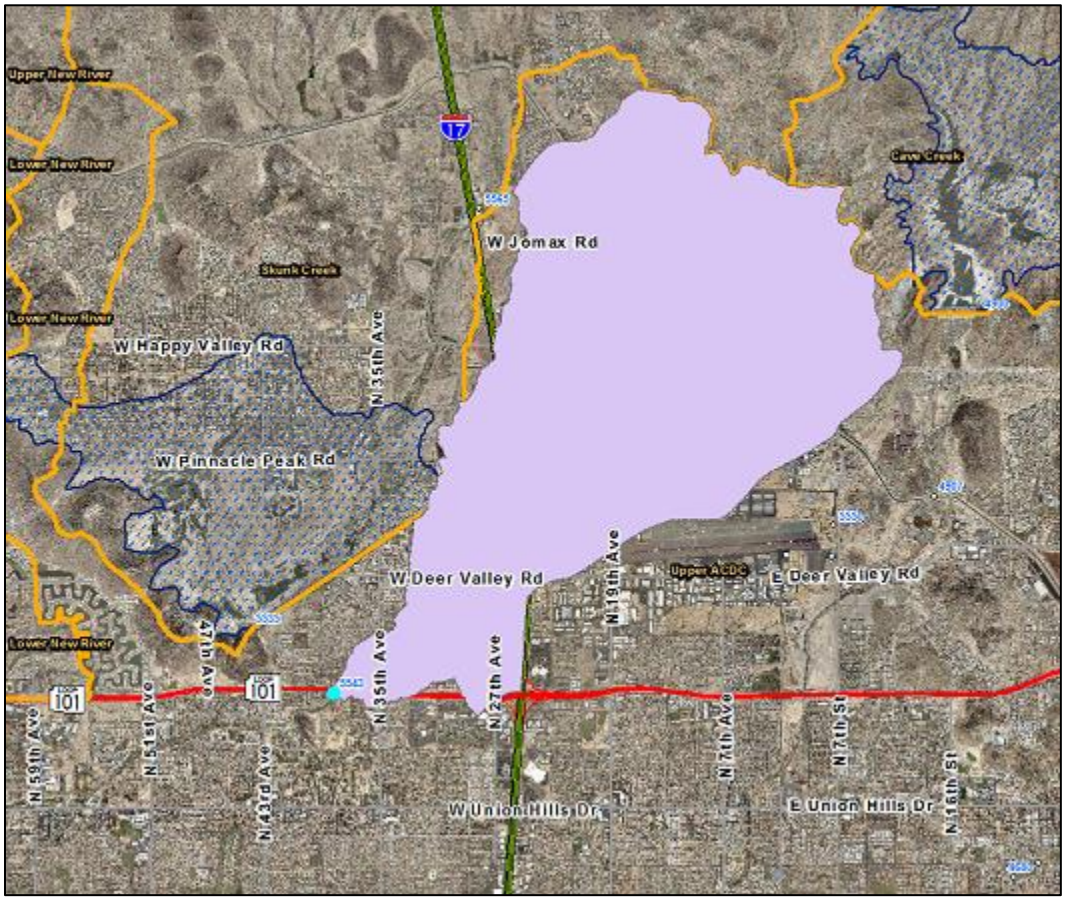
Scatter Wash, ID #14007

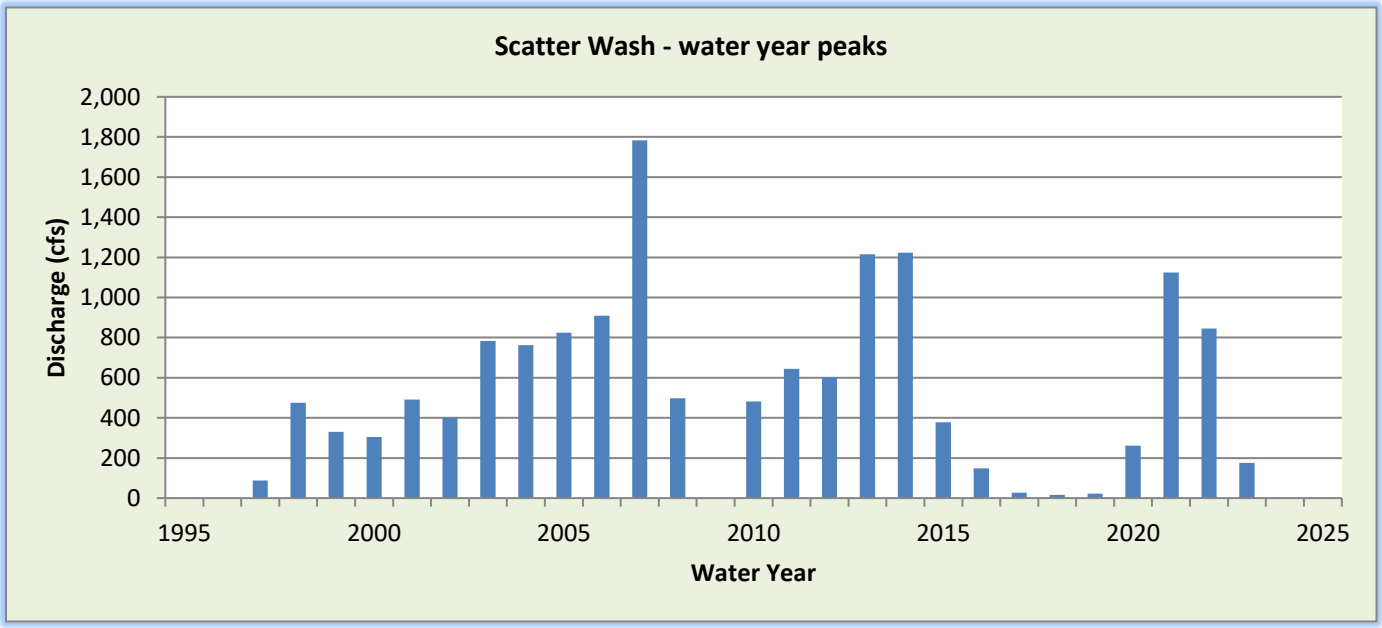


Site Data

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
ARIZONA STATE PLANE	E 631613 | N 971030
USGS QUAD SHEET	Hedgpeth Hills 7.5-Minute
STREAMGAGE INSTALLATION DATE	09/18/1996 - WY 1996
PERIOD OF AVAILABLE DATA RECORD	09/18/1996 - Current
LENGTH OF AVAILABLE DATA RECORD	27.03 Years | 9,874 Days
GAPS IN RECORD	07/23/2008 - 11/18/2008
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.00 feet Gage Height
STAFF GAGES	1
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,332.258 feet NAVD88
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	1,986 cfs | 3.00 feet | 09/08/2014

Watershed Map

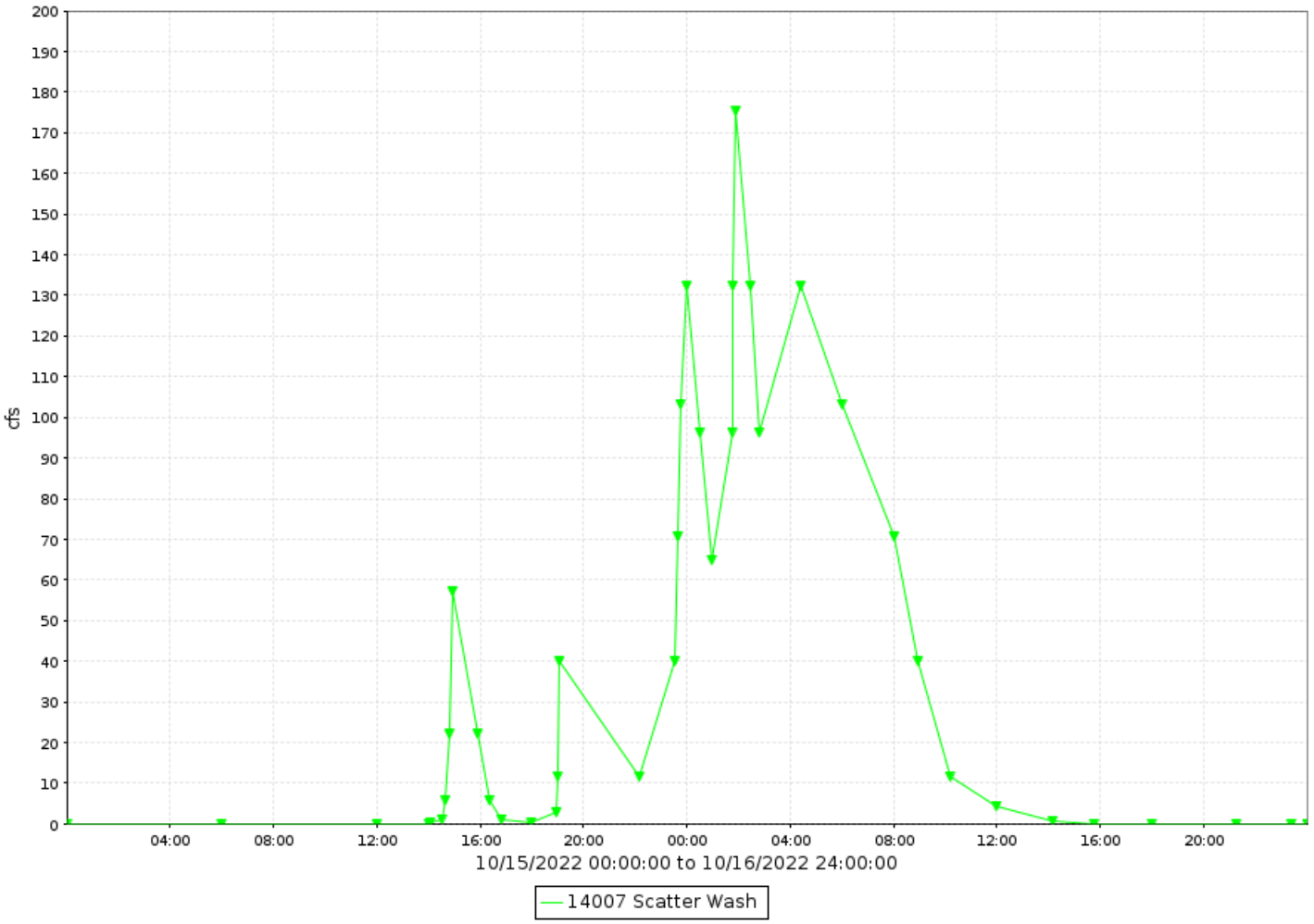




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
10/16	1.10	175
12/28	0.65	17
1/1	0.67	22
1/16	0.90	96
2/14	0.82	71
3/1	1.05	153
3/22	0.52	3

Hydrograph of peak WY 2023 flow event, 10/16/2022



Flood Flow Frequency

Flood Flow Frequency 1995 Flood Insurance Study					
2-year	**5-year**	**10-year**	**20-year**	**50-year**	**100-year**
	220	**590**	**1,320**	**3,500**	**6,100**

Scatter Wash, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				2		17						
2						1						
3												
4												
5												
6												
7												
8												
9												
10										---		
11												
12												
13												
14					3							
15	10											
16	44			4								
17				2								
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28			2									
29					---							
30					---							
31		---			---		---		---			---
TOTAL	54	0	3	7	3	18	0	0	0	0	0	0
MEAN	2	0	0	0	0	1	0	0	0	0	0	0
MAX	175	0	17	96	71	153	0	0	0	0	2	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	107	0	5	15	6	35	0	0	0	0	0	0

WTR YR 2023 TOTAL 85 MEAN 0 MAX 175 MIN 0 AC_FT 168

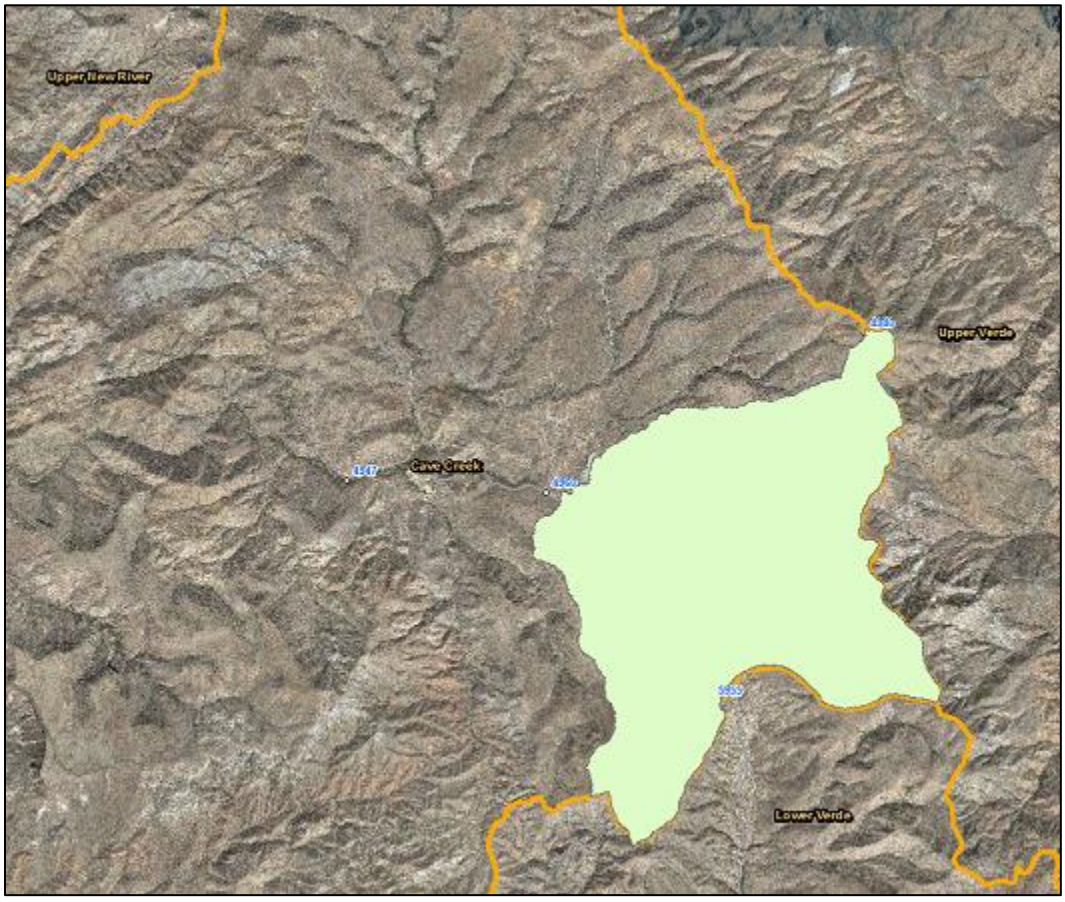
Seven Springs Wash, ID #21807

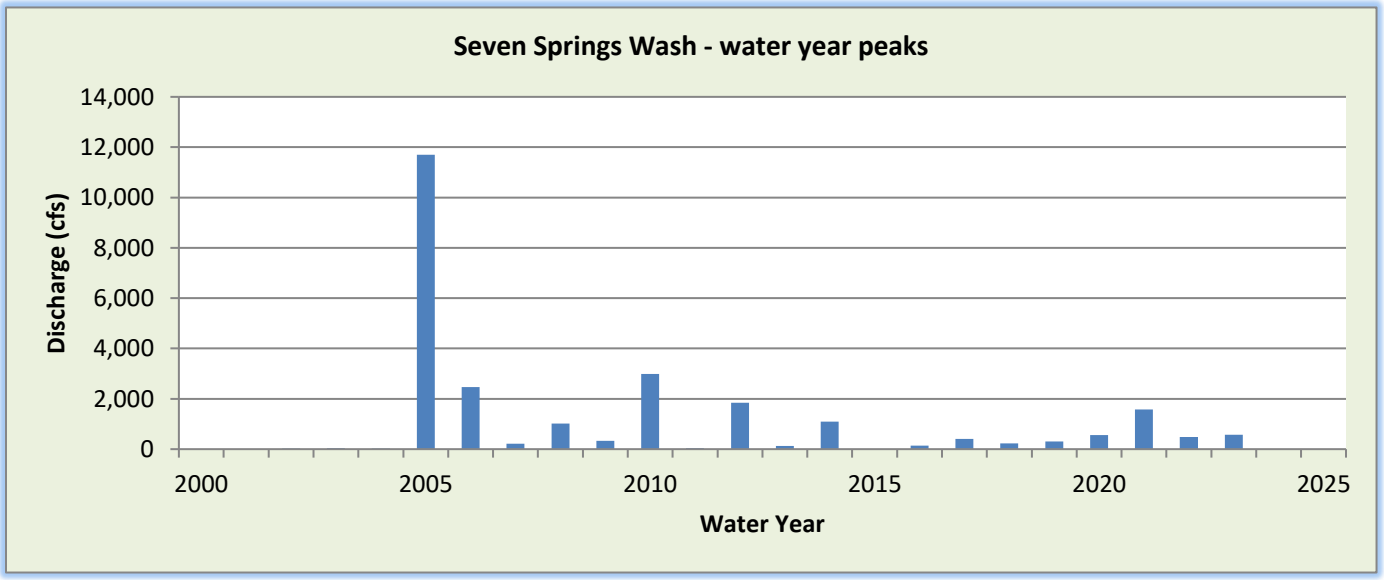


Site Data

LOCATION	On Seven Springs Road near Forest Road 254
DRAINAGE AREA	8.0 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
ARIZONA STATE PLANE	E 721905 | N 1076957
USGS QUAD SHEET	Humboldt Mountain 7.5-Minute
STREAMGAGE INSTALLATION DATE	03/12/2002 - WY 2002
PERIOD OF AVAILABLE DATA RECORD	03/12/2002 - Current
LENGTH OF AVAILABLE DATA RECORD	21.56 Years | 7,873 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.60 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	3,481.673 feet NAVD88
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

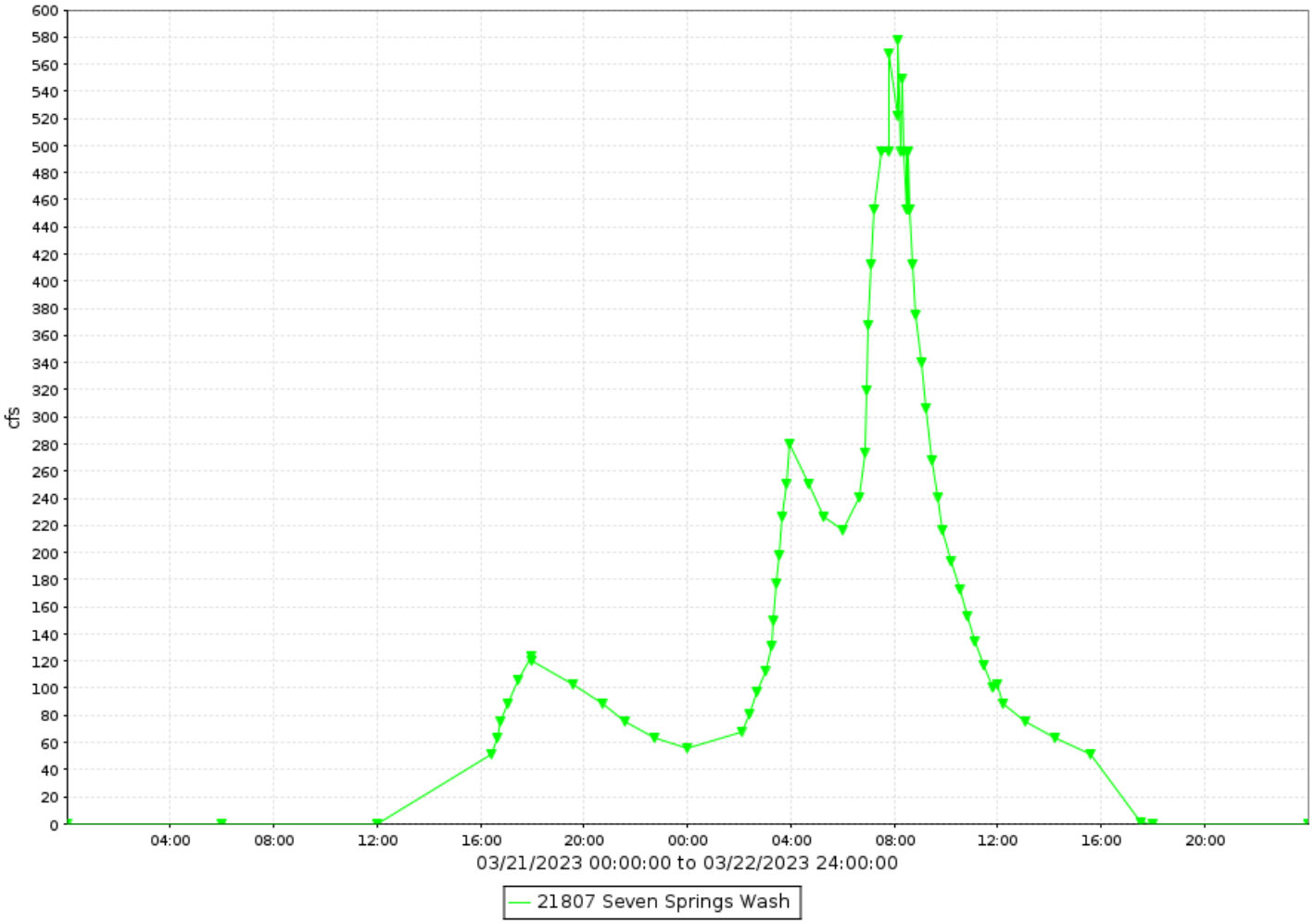




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
1/1	1.07	84
1/17	2.76	420
3/4	1.14	92
3/22	3.21	578

Hydrograph of peak WY 2023 flow event, 03/22/2023



Seven Springs Wash, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				21		16						
2						54						
3						32						
4						16						
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16				13		23						
17				54								
18												
19					1							
20					21							
21						29						
22						126						
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	89	22	297	0	0	0	0	0	0
MEAN	0	0	0	3	1	10	0	0	0	0	0	0
MAX	0	0	0	420	58	578	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	176	44	588	0	0	0	0	0	0

WTR YR 2023 TOTAL 407 MEAN 1 MAX 578 MIN 0 AC_FT 808

Signal Butte FRS, ID #79507

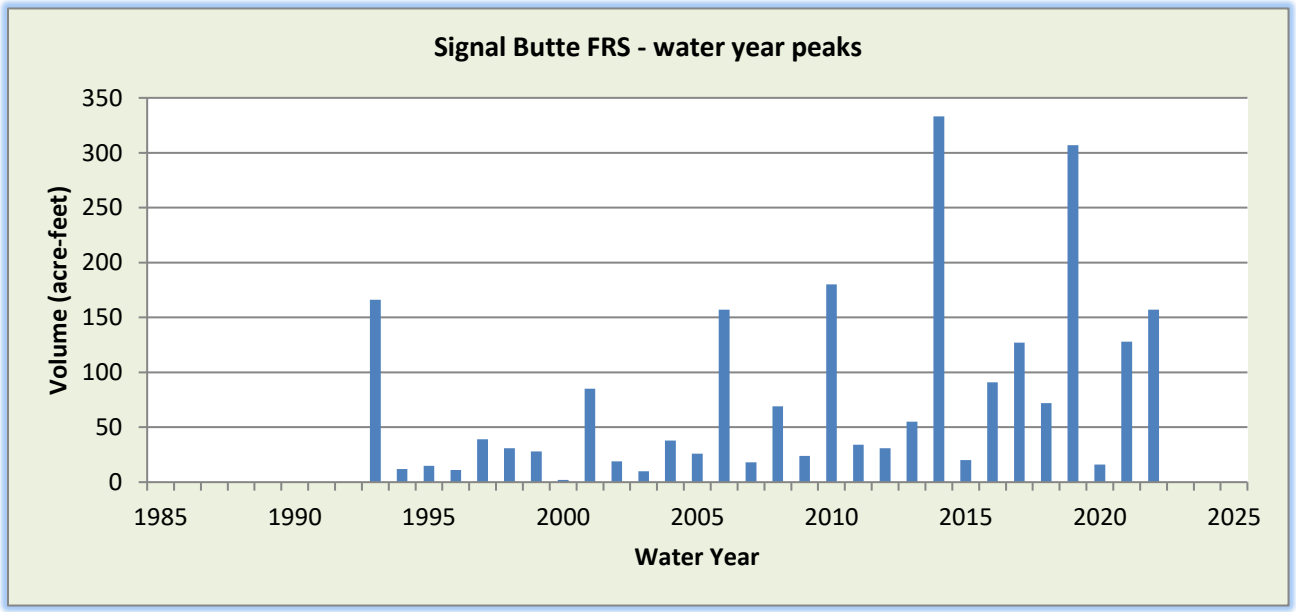


Site Data

LOCATION	Located north of Brown Road between Meridian and Signal Butte Roads
DRAINAGE AREA	16.77 mi^2
IMPOUNDMENT 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
ARIZONA STATE PLANE	E 799545 | N 887780
USGS QUAD SHEET	Apache Junction 7.5-Minute
STREAMGAGE INSTALLATION DATE	11/10/1987 - WY 1988
PERIOD OF AVAILABLE DATA RECORD	11/10/1987 - Current
LENGTH OF AVAILABLE DATA RECORD	35.89 | 13,109 Days Years
GAPS IN RECORD	02/09/2022 - 07/07/2022
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	-0.46 feet Gage Height
STAFF GAGES	11
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,687.539 feet NAVD 1988
POINT OF ZERO FLOW (GATED OUTLET)	0.00 feet Gage Height
POINT OF ZERO FLOW (UNGATED OUTLET)	15.56 feet Gage Height
SPILLWAY ELEVATION	26.9 feet Gage Height
TOP OF DAM ELEVATION	35.86 feet Gage Height

Watershed Map





WY2023 Events

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

Hydrograph of peak WY 2023 impoundment event

No impoundment recorded during Water Year 2023.

Signal Butte FRS, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

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 2023 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

Signal Butte FRS, volume data

Volume, in acre feet, Water Year October 2022 to September 2023

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		---			---		---		---			---
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 2023 MEAN 0 MAX 0 MIN 0

Signal Butte FRS, stage data

Depth, in feet, Water Year October 2022 to September 2023

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	-0.1	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
4	-0.2	-0.2	1.1	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
5	-0.2	-0.2	1.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
6	-0.2	-0.2	0.8	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
7	-0.2	-0.2	0.3	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
8	-0.2	-0.2	-0.0	-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	-0.1	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
MAX	-0.2	-0.2	1.5	-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 2023 MEAN -0.24 MAX 1.48 MIN -0.25

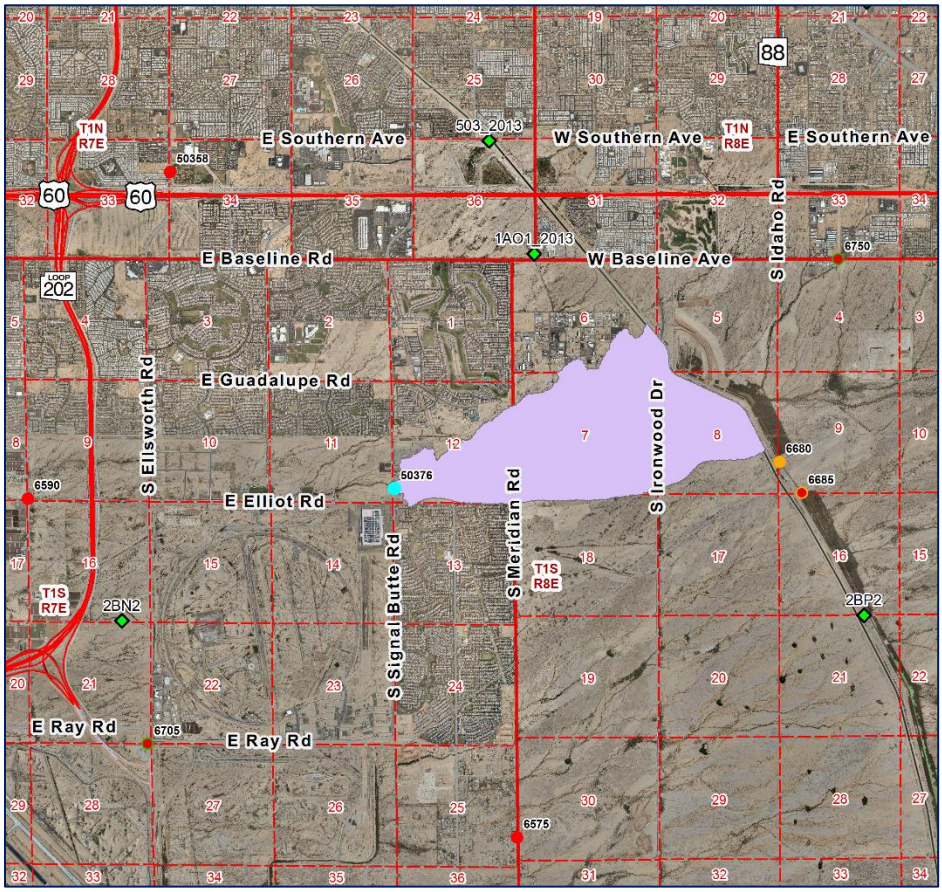
Siphon Draw Wash at Signal Butte Road, ID #37607

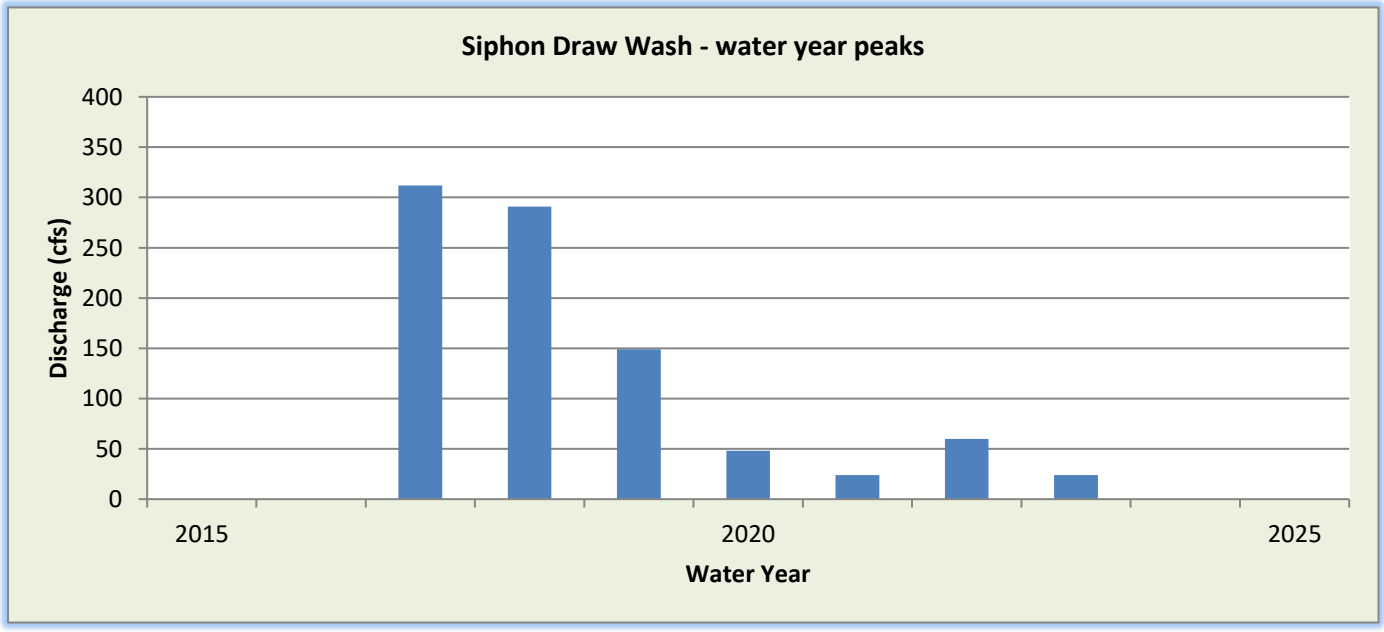


Site Data

LOCATION	Located north of Elliot Road on Signal Butte Road
DRAINAGE AREA	2.37 mi^2
STREAM TYPE	Natural wash flows 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
ARIZONA STATE PLANE	E 796420 | N 855630
USGS QUAD SHEET	Desert Well 7.5-Minute
STREAMGAGE INSTALLATION DATE	12/28/2016 - WY 2016
PERIOD OF AVAILABLE DATA RECORD	12/28/2016 - Current
LENGTH OF AVAILABLE DATA RECORD	6.76 Years | 2,468 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.65 feet Gage Height
STAFF GAGES	None
CREST STAGE GAGES	One
ZERO GAGE HEIGHT ELEVATION	1,460.50 feet NAVD88
POINT OF ZERO FLOW	0.1 feet Gage Height
EXTREME FOR PERIOD OF RECORD	07/24/2017 | 312 cfs | 4.46 feet GH

Watershed Map

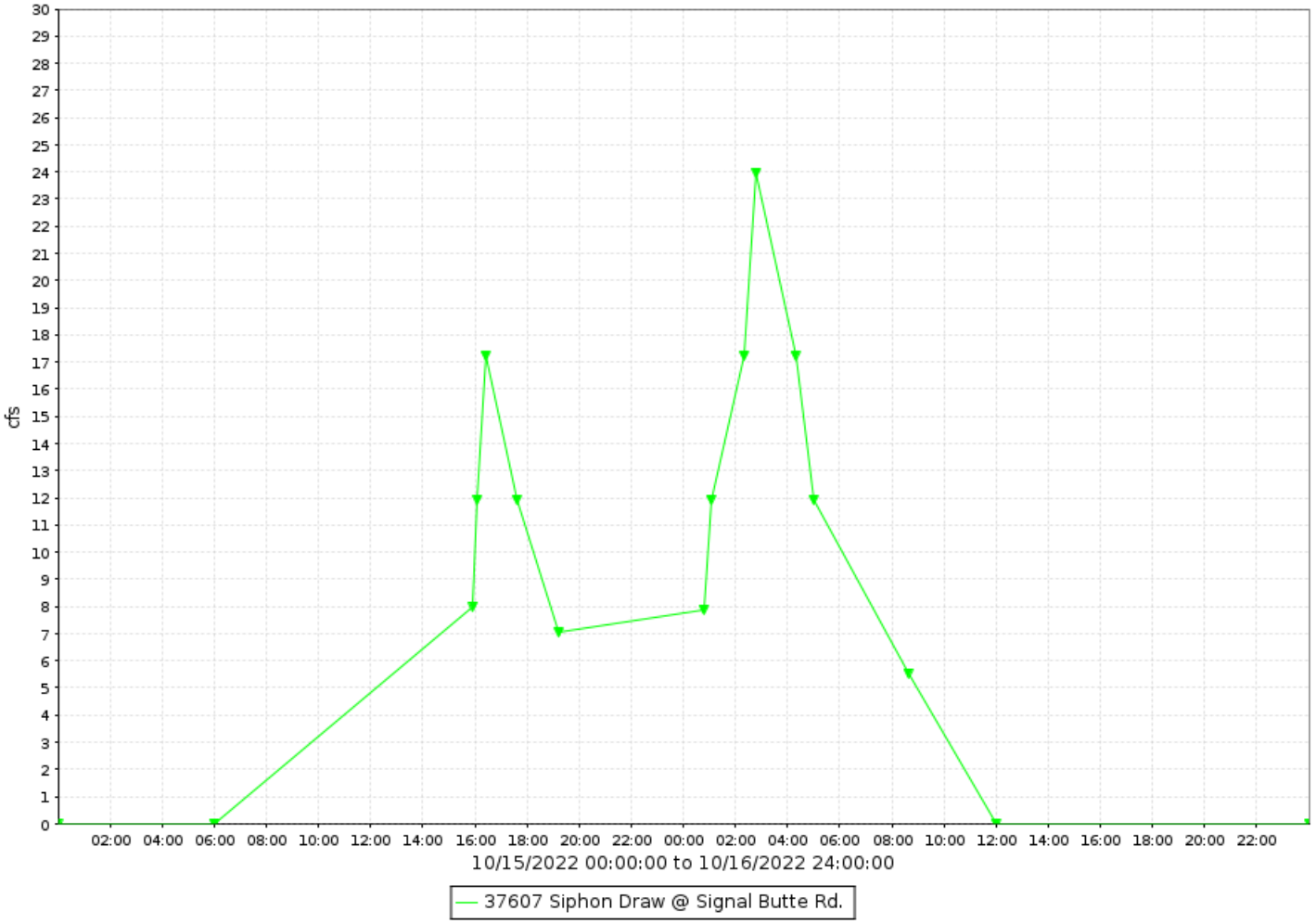




WY2023 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
10/16	1.07	24
3/2	0.97	17

Hydrograph of peak WY 2023 flow event, 10/16/2022



Siphon Draw Wash at Signal Butte Road, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

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

WTR YR 2023 TOTAL 24 MEAN 0 MAX 24 MIN 0 AC_FT 48

Skunk Creek near New River, ID #66207

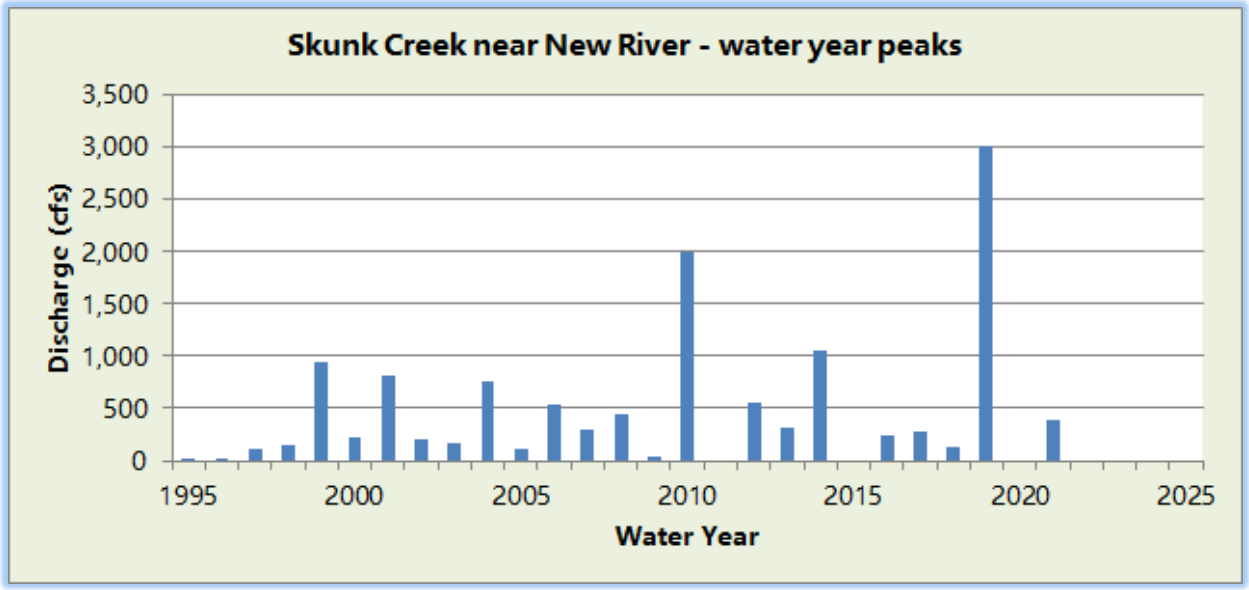


Site Data

LOCATION	Located south of the Fig Spring Road crossing of Skunk Creek
DRAINAGE AREA	3.92 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
ARIZONA STATE PLANE	E 649645 | N 1064553
USGS QUAD SHEET	Daisy Mountain 7.5-Minute
STREAMGAGE INSTALLATION DATE	06/21/1995 - WY 1995
PERIOD OF AVAILABLE DATA RECORD	06/21/1995 - Current
LENGTH OF AVAILABLE DATA RECORD	28.28 Years | 10,329 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	1.45 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	2,188.011 feet NAVD88
POINT OF ZERO FLOW	0.3 feet Gage Height
EXTREME FOR PERIOD OF RECORD	3,021 cfs | 5.01 feet | 09/23/2019

Watershed Map





WY2023 Events

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

Hydrograph of peak WY 2023 flow event,

No runoff recorded during Water Year 2023.

Flood Flow Frequency

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-days, Water Year October 2022 to September 2023

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 2023 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

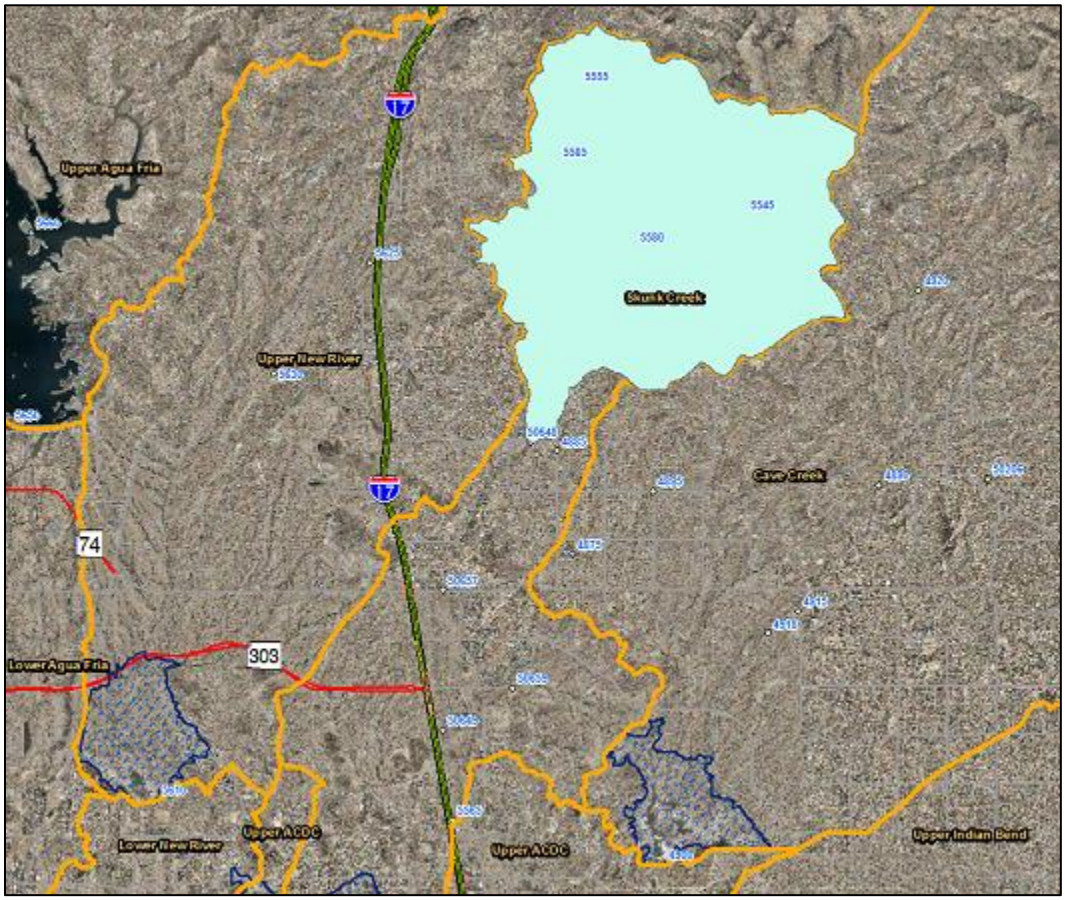
Skunk Creek at Desert Hills Drive, ID #64807

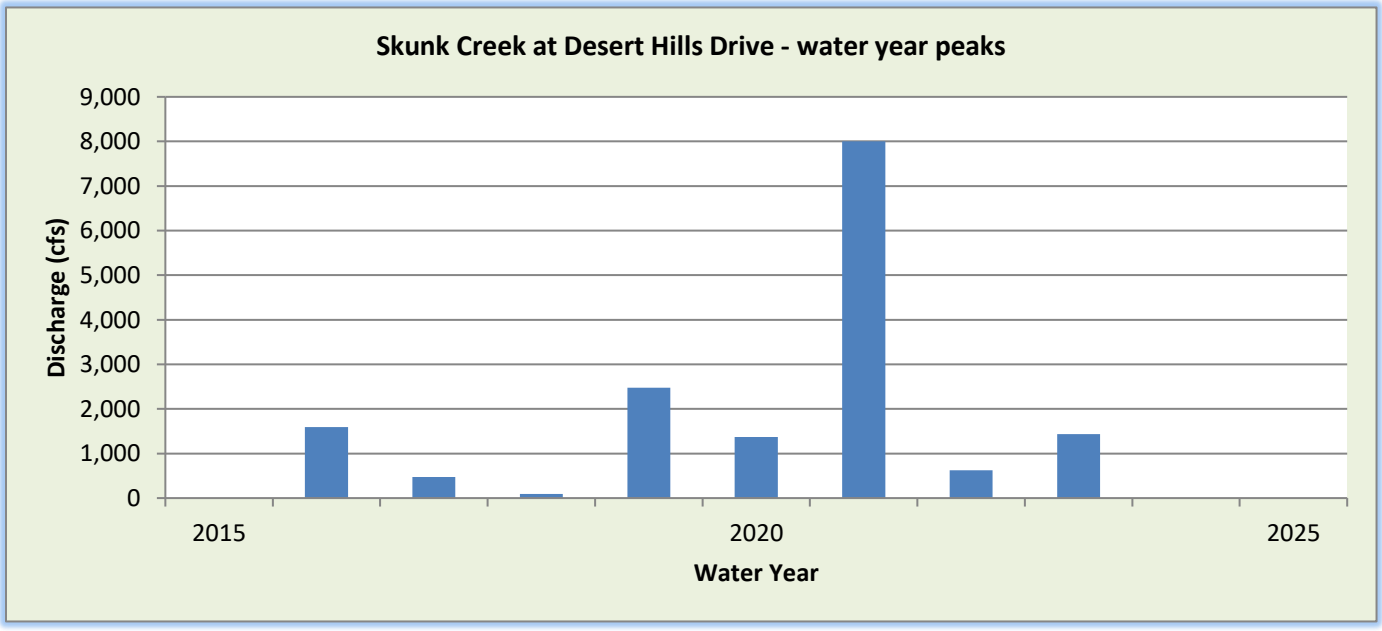


Site Data

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' 31.3" | +33.84308
LONGITUDE	W 112° 05' 31.3" | -112.09204
ARIZONA STATE PLANE	E 646750 | N 1034330
USGS QUAD SHEET	New River SE 7.5-Minute
STREAMGAGE INSTALLATION DATE	07/23/2015 - WY 2015
PERIOD OF AVAILABLE DATA RECORD	07/23/2015 - 11/18/2022
LENGTH OF AVAILABLE DATA RECORD	8.19 Years | 2,992 Days
GAPS IN RECORD	07/23/2022 – 11/18/2023
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.20 feet Gage Height
STAFF GAGES	None
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	1,848.000 feet NAVD88
POINT OF ZERO FLOW	0.50 feet Gage Height
EXTREME FOR PERIOD OF RECORD	07/23/2022 | 8,650 cfs | 9.45 feet GH

Watershed Map

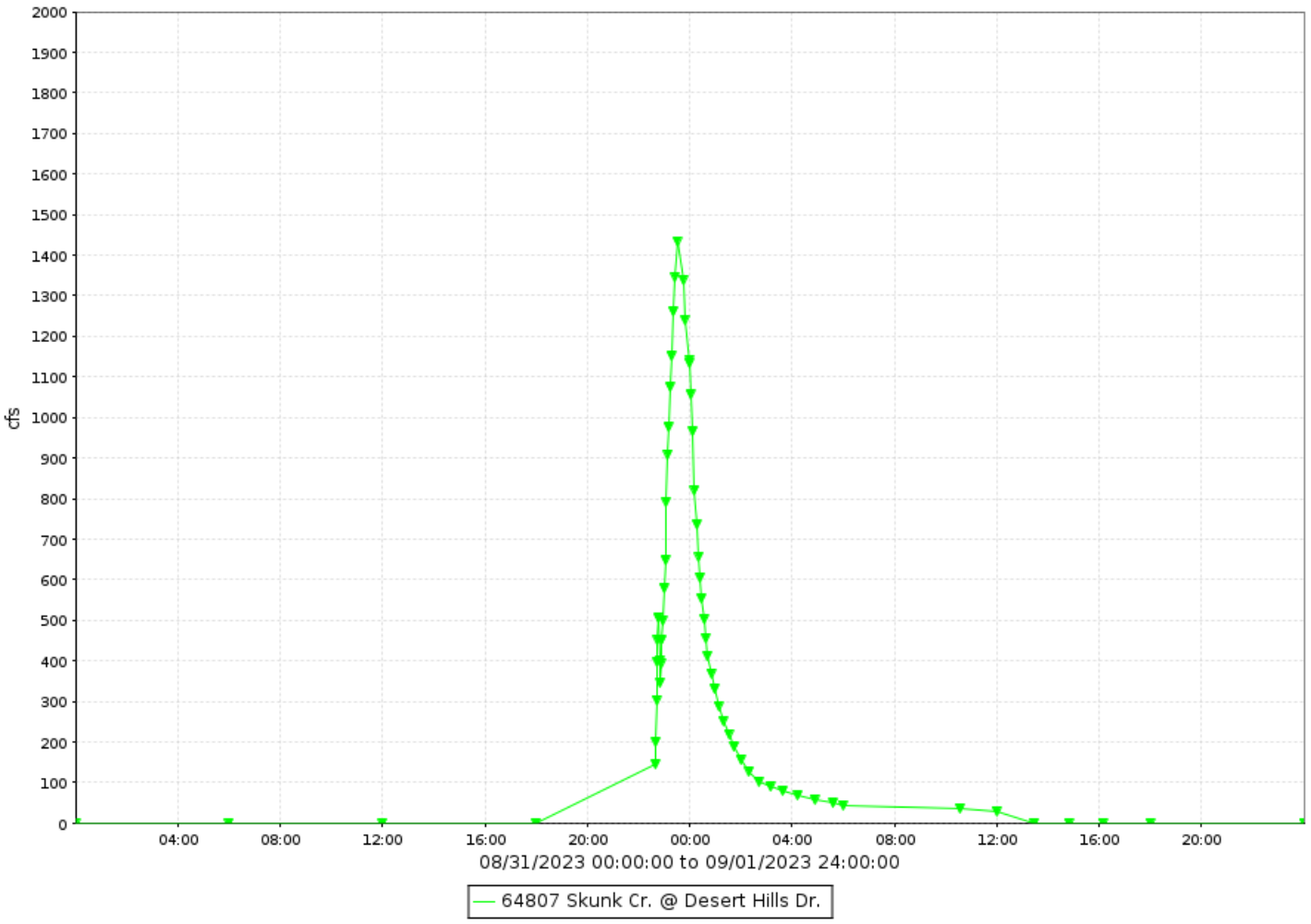




WY2023 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
10/16	1.30	100
1/1	1.68	206
1/17	1.60	181
2/15	1.28	98
3/3	2.23	618
3/11	1.70	212
3/22	2.20	391
8/31	3.94	1435

Hydrograph of peak WY 2023 flow event, 08/31/2023



Skunk Creek at Desert Hills Drive, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				46		16						64
2				55		35						
3												
4												
5												
6												
7												
8												
9												
10												
11						11						
12						2						
13												
14												
15				30	19							
16	19			38		6						
17	8			78								
18				6								
19								3				
20												
21												
22						73						
23						4						
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---		55	---
TOTAL	26	0	0	253	19	145	0	3	0	0	55	64
MEAN	1	0	0	8	1	5	0	0	0	0	2	2
MAX	100	0	0	206	98	391	0	38	0	0	1435	1057
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	52	0	0	502	37	289	0	5	0	0	108	126

WTR YR 2023 TOTAL 564 MEAN 2 MAX 1435 MIN 0 AC_FT 1120

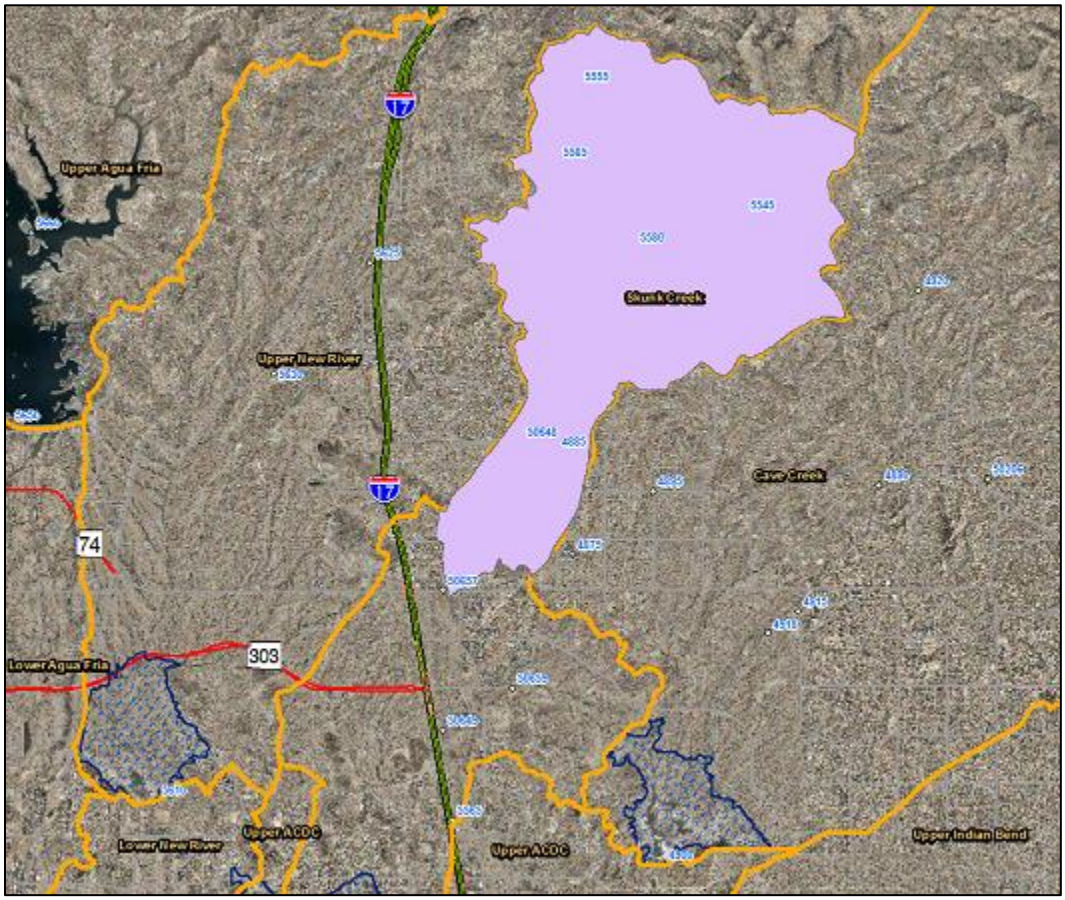
Skunk Creek at Carefree Highway, ID #65707

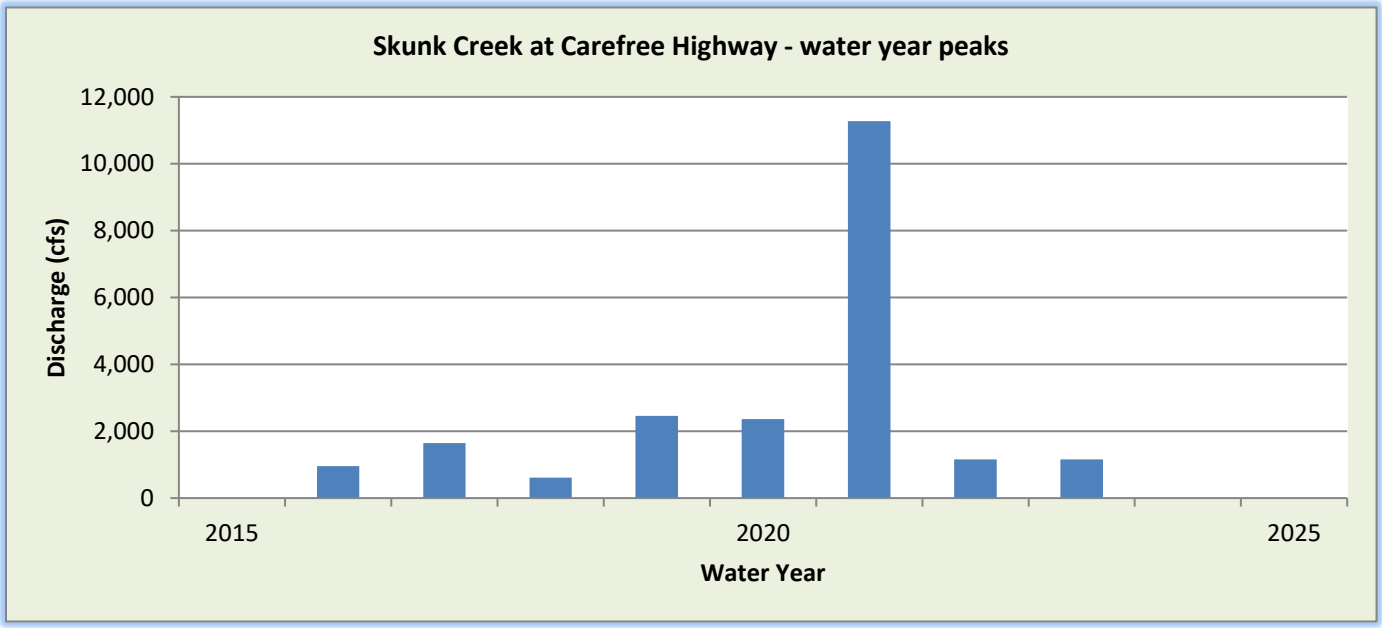


Site Data

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
ARIZONA STATE PLANE	E 637300 | N 1018120
USGS QUAD SHEET	New River SE 7.5-Minute
STREAMGAGE INSTALLATION DATE	08/19/2015 - WY 2015
PERIOD OF AVAILABLE DATA RECORD	08/19/2015 – Current
LENGTH OF AVAILABLE DATA RECORD	8.12 Years | 2,965 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	1.49 feet Gage Height
STAFF GAGES	None
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	1,672.858 feet NAVD88
POINT OF ZERO FLOW	0.2 feet Gage Height
EXTREME FOR PERIOD OF RECORD	11,278 cfs | 6.87 feet | 07/23/2022

Watershed Map

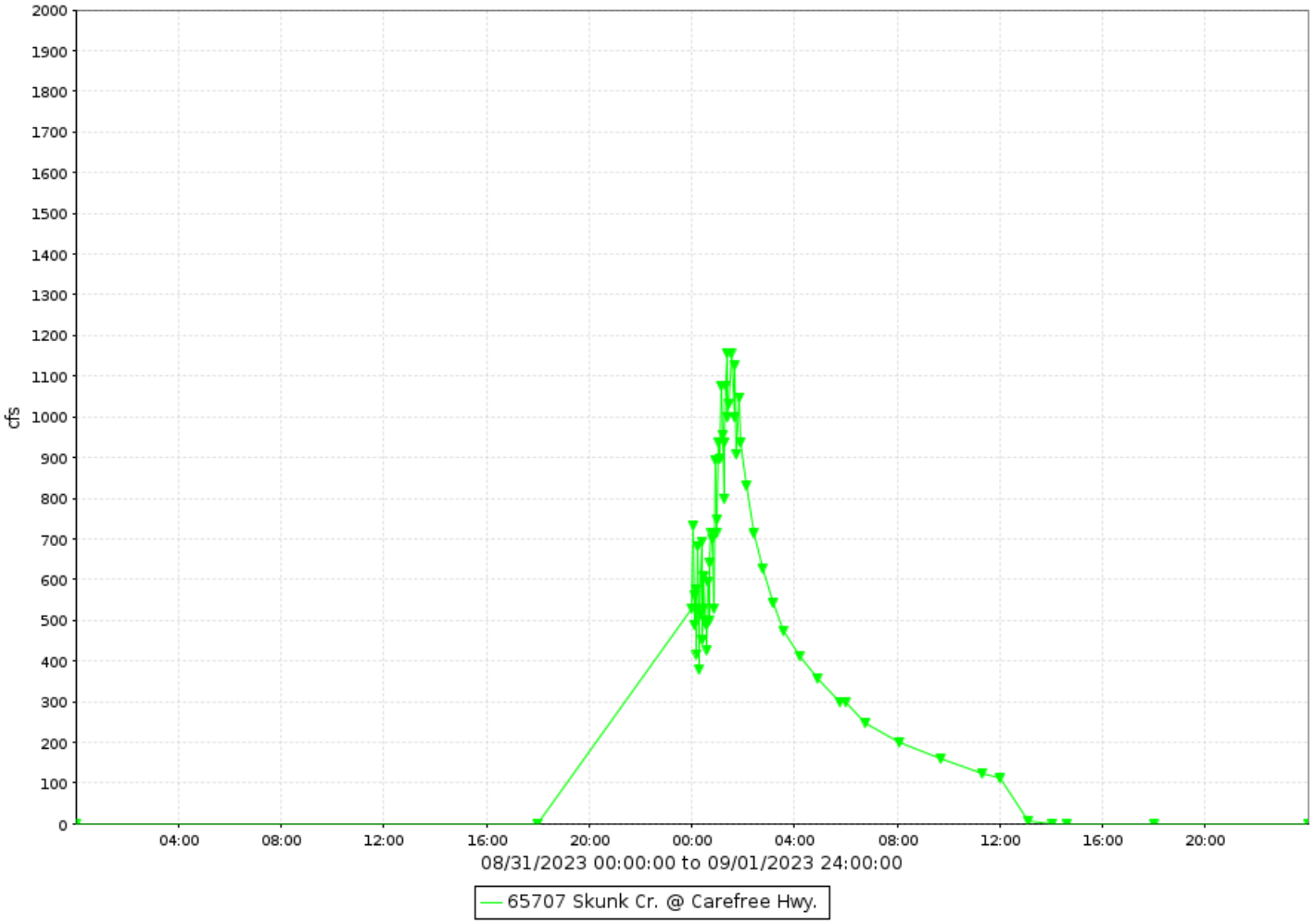




WY2023 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
1/1	2.86	656
1/17	2.01	171
3/2	2.41	356
3/11	2.21	253
3/22	3.11	663
9/1	3.71	1156

Hydrograph of peak WY 2023 flow event, 09/01/2023



Skunk Creek at Carefree Highway, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				83		9						207
2				28		99						
3												
4												
5												
6												
7												
8												
9												
10												
11						16						
12						19						
13												
14												
15												
16												
17				27								
18												
19												
20												
21												
22						159						
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	138	0	302	0	0	0	0	0	207
MEAN	0	0	0	4	0	10	0	0	0	0	0	7
MAX	0	0	0	500	0	663	0	0	0	0	0	1156
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	273	0	600	0	0	0	0	0	410

WTR YR 2023 TOTAL 647 MEAN 2 MAX 1156 MIN 0 AC_FT 1283

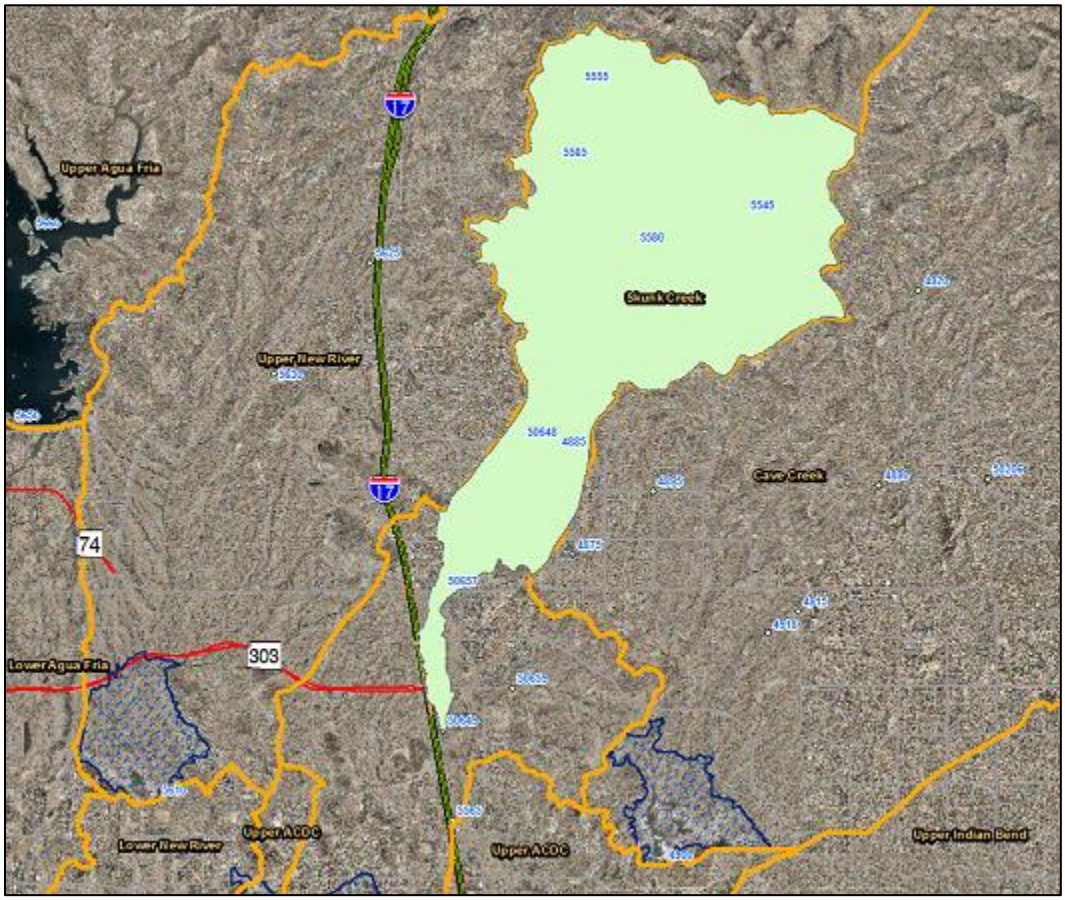
Skunk Creek at Dixileta Drive, ID #64907

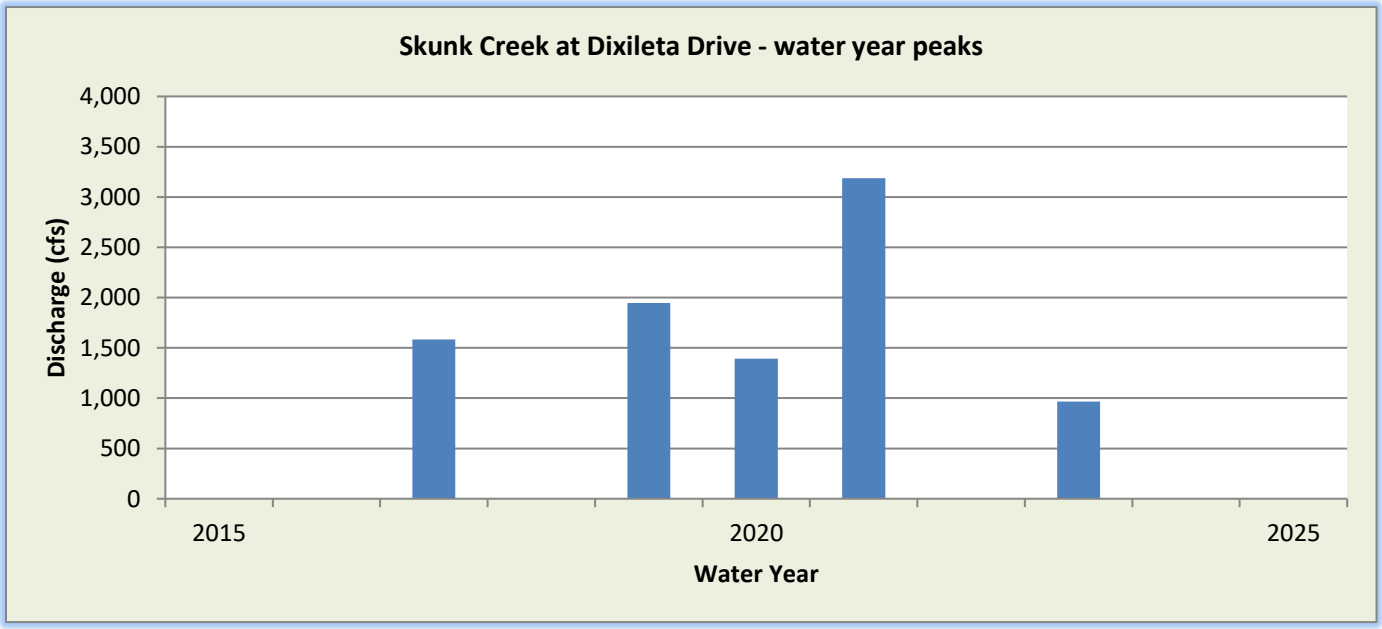


Site Data

LOCATION	Located on Dixileta Drive about 1/4 mile east of I-17
DRAINAGE AREA	50.1 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
ARIZONA STATE PLANE	E 637525 | N 1002940
USGS QUAD SHEET	New River SE 7.5-Minute
STREAMGAGE INSTALLATION DATE	01/11/2016 - WY 2016
PERIOD OF AVAILABLE DATA RECORD	01/11/2016 - Current
LENGTH OF AVAILABLE DATA RECORD	7.72 Years | 2,820 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	2.20 feet Gage Height
STAFF GAGES	None
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	1,543.517 feet NAVD88
POINT OF ZERO FLOW	0.5 feet Gage Height
EXTREME FOR PERIOD OF RECORD	07/23/2022 | 3,186 cfs | 6.78 feet GH

Watershed Map

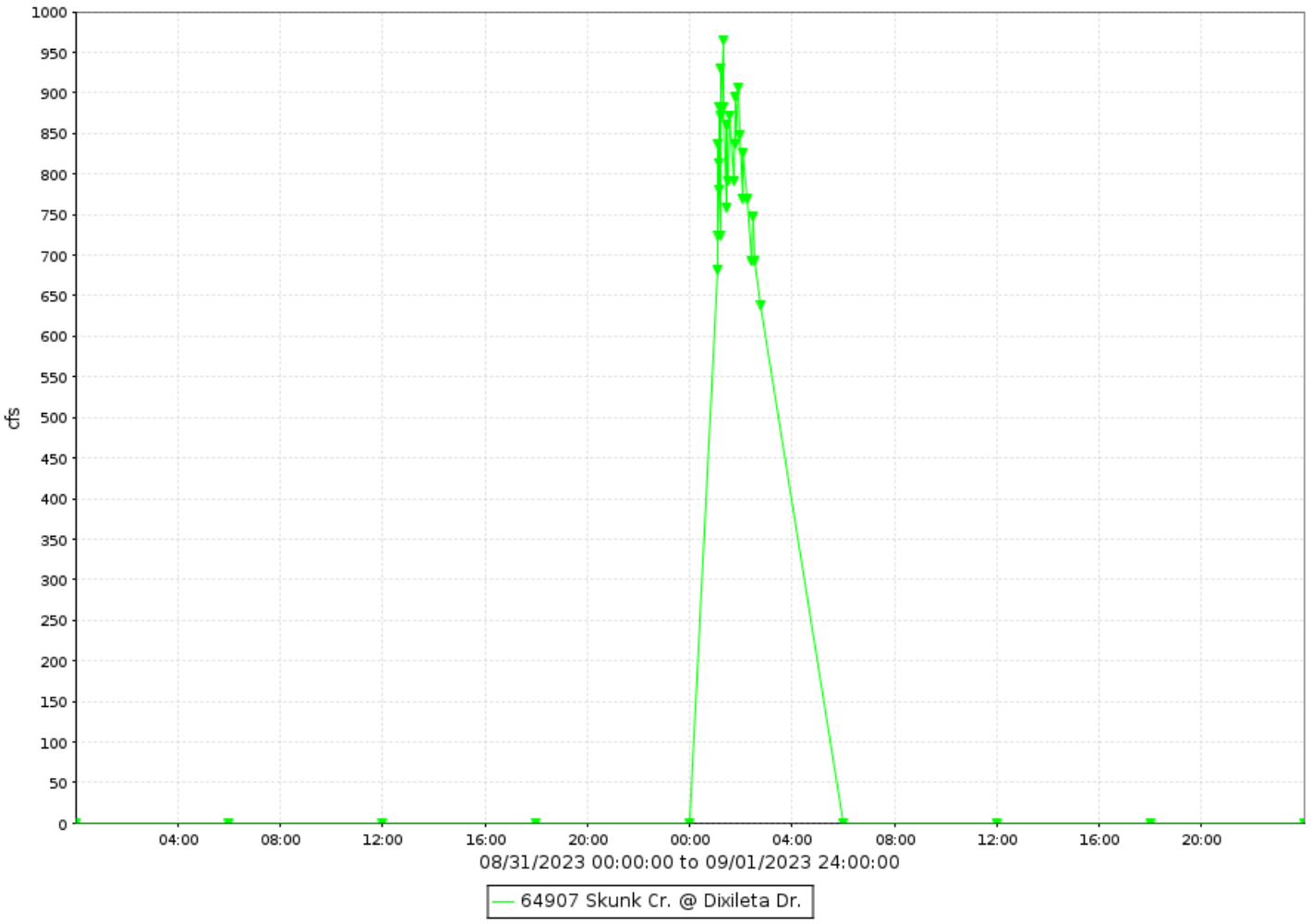




WY2023 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
9/1	3.00	965

Hydrograph of peak WY 2023 flow event, 09/01/2023



Skunk Creek at Dixileta Drive, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												143
2												
3												
4												
5												
6												
7												
8												
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25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	0	0	0	0	0	0	0	0	143
MEAN	0	0	0	0	0	0	0	0	0	0	0	5
MAX	0	0	0	0	0	0	0	0	0	0	0	965
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	283

WTR YR 2023 TOTAL 143 MEAN 0 MAX 965 MIN 0 AC_FT 283

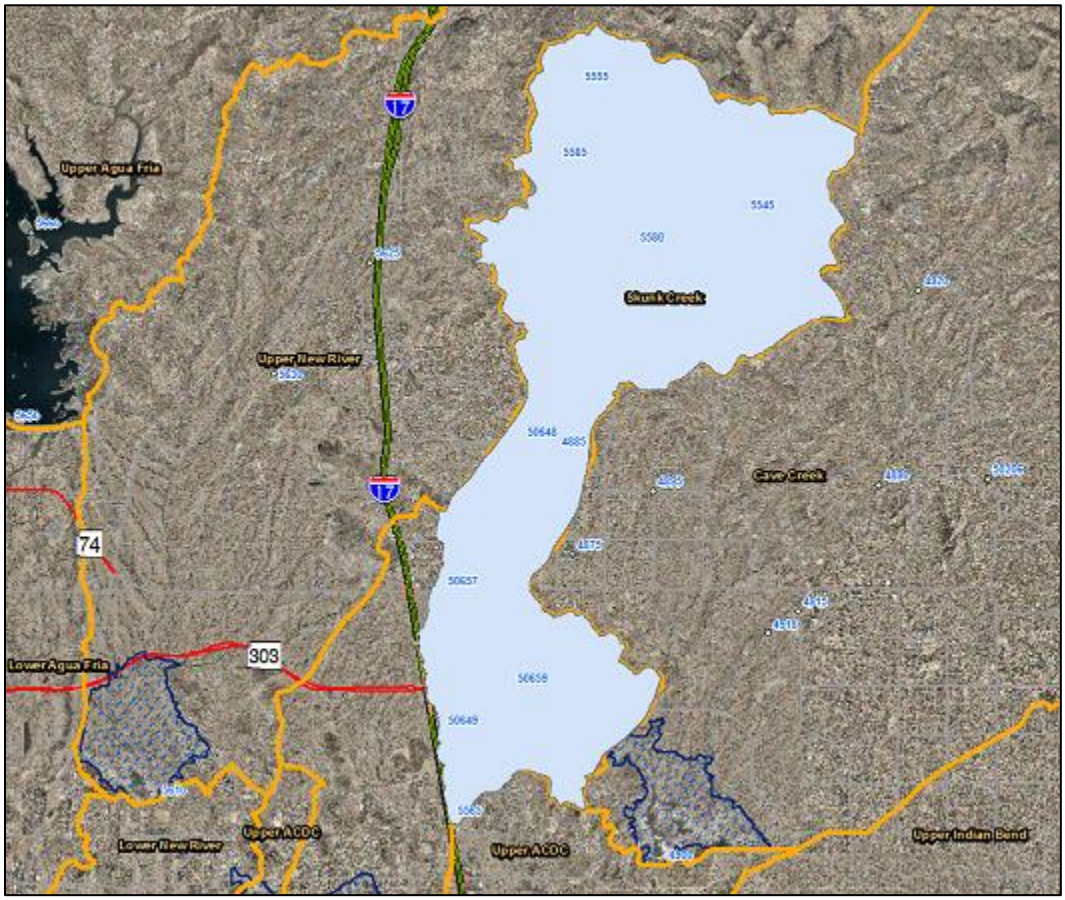
Skunk Creek at I-17, ID #65807

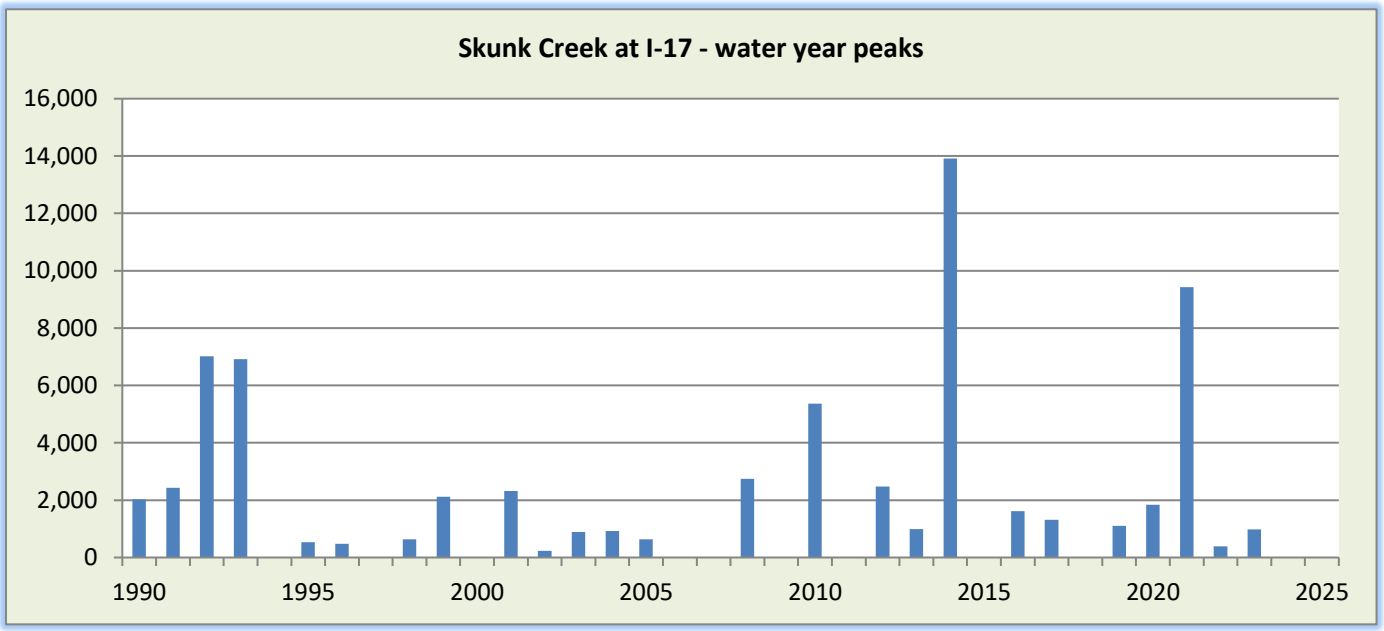


Site Data

LOCATION	Located south of Jomax Road on I-17
DRAINAGE AREA	65.0 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
ARIZONA STATE PLANE	E 638257 | N 993224
USGS QUAD SHEET	Union Hills 7.5-Minute
STREAMGAGE INSTALLATION DATE	10/26/1989 - WY 1990
PERIOD OF AVAILABLE DATA RECORD	08/11/1990 - Current
LENGTH OF AVAILABLE DATA RECORD	33.14 Years | 12,104 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Non-submersible Pressure Transducer
STAGE GAGE ELEVATION	1.23 feet Gage Height
STAFF GAGES	2 USGS Staff Plates at Gage and 2 Painted gages on walls downstream.
CREST STAGE GAGES	4
ZERO GAGE HEIGHT ELEVATION	1,473.965 feet NAVD88
POINT OF ZERO FLOW	0.0 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

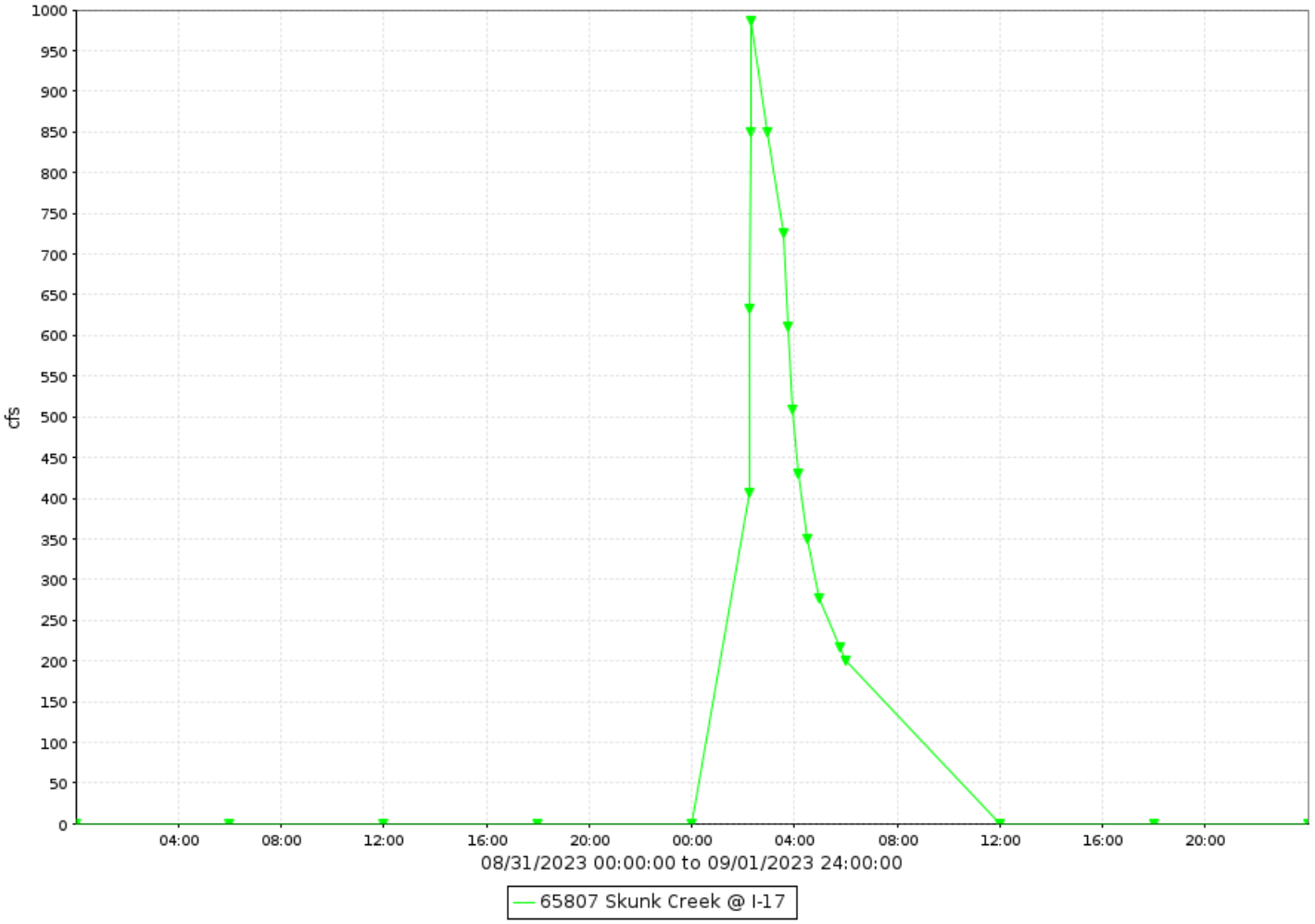




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
9/1	2.13	986

Hydrograph of peak WY 2023 flow event, 09/01/2023



Skunk Creek at I-17, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				9								139
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
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21												
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24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	9	0	0	0	0	0	0	0	139
MEAN	0	0	0	0	0	0	0	0	0	0	0	5
MAX	0	0	444	278	0	0	0	0	0	0	0	986
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	1	17	0	0	0	0	0	0	0	276

WTR YR 2023 TOTAL 148 MEAN 0 MAX 986 MIN 0 AC_FT 294

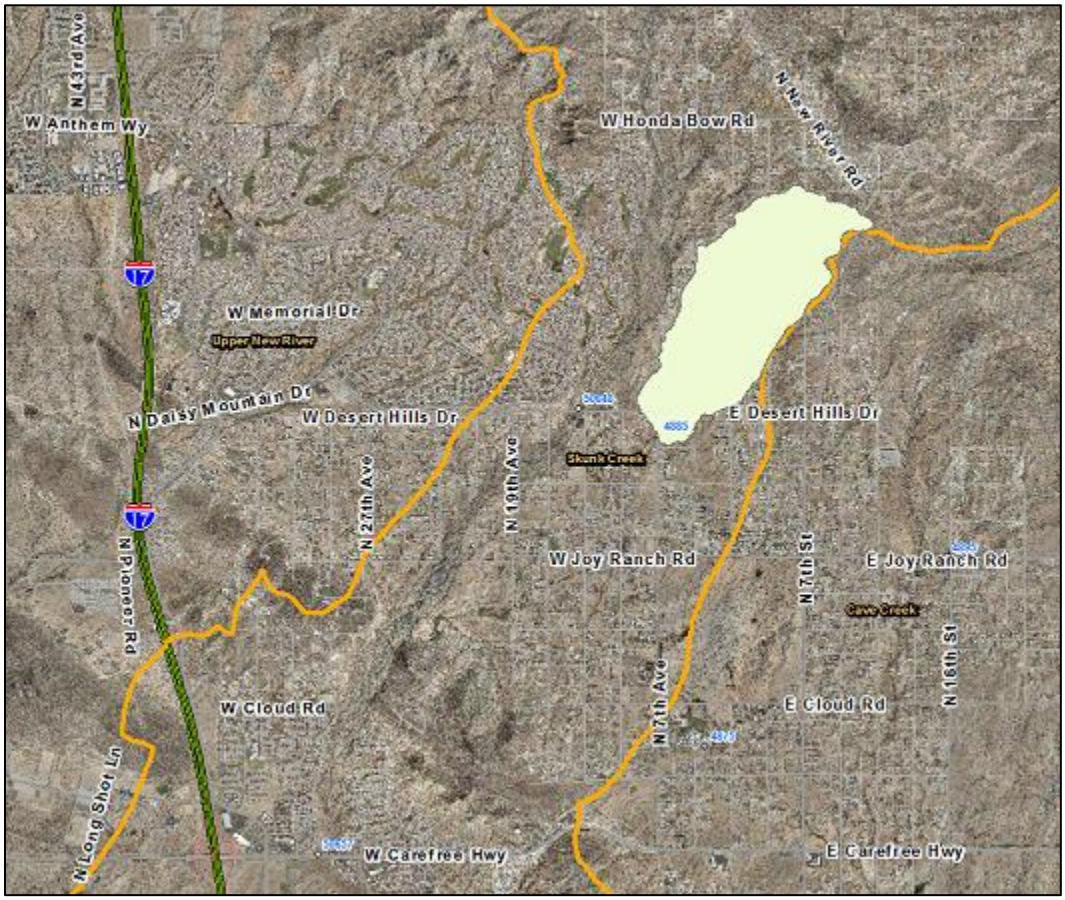
Skunk Tank Wash, ID #64707

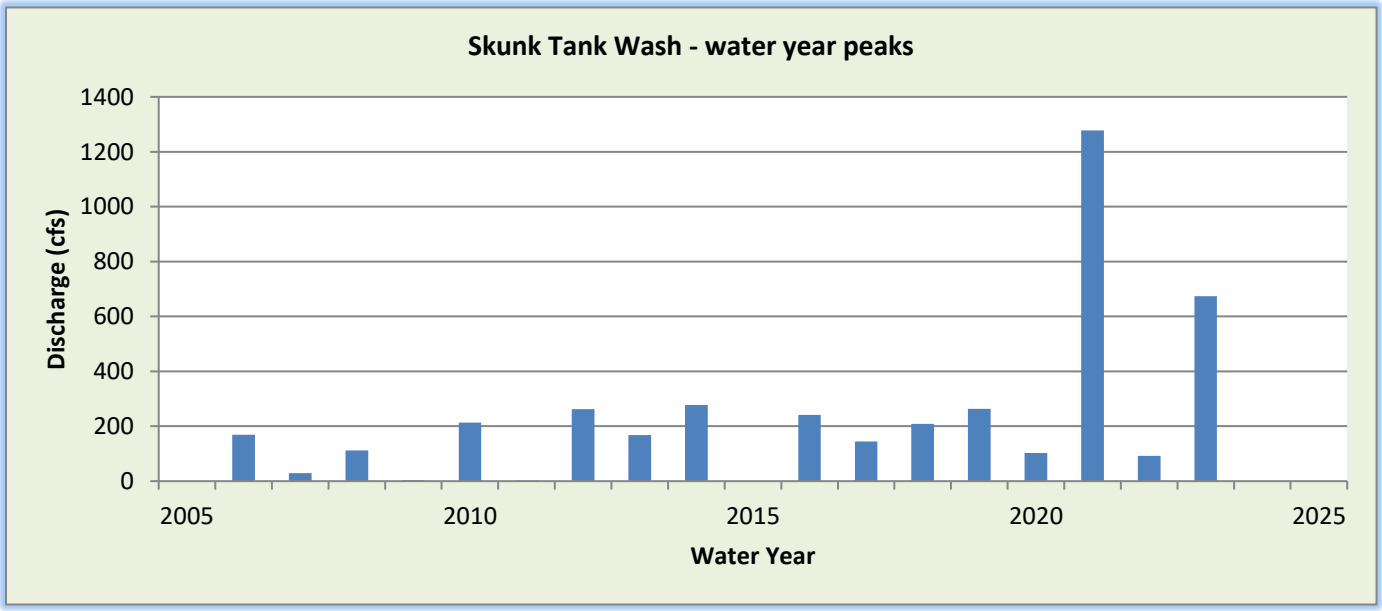


Site Data

LOCATION	Located on 7th Avenue about 1/4 mile south of Desert Hills Drive
DRAINAGE AREA	1.3 mi^2
STREAM TYPE	Culverts 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
ARIZONA STATE PLANE	E 649576 | N 1033251
USGS QUAD SHEET	New River SE 7.5-Minute
STREAMGAGE INSTALLATION DATE	03/02/2006 - WY 2006
PERIOD OF AVAILABLE DATA RECORD	03/02/2006 - Current
LENGTH OF AVAILABLE DATA RECORD	17.58 Years | 6,422 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.50 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,853.960 feet NAVD88
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	1,278 cfs | 7.63 feet | 07/23/2022

Watershed Map

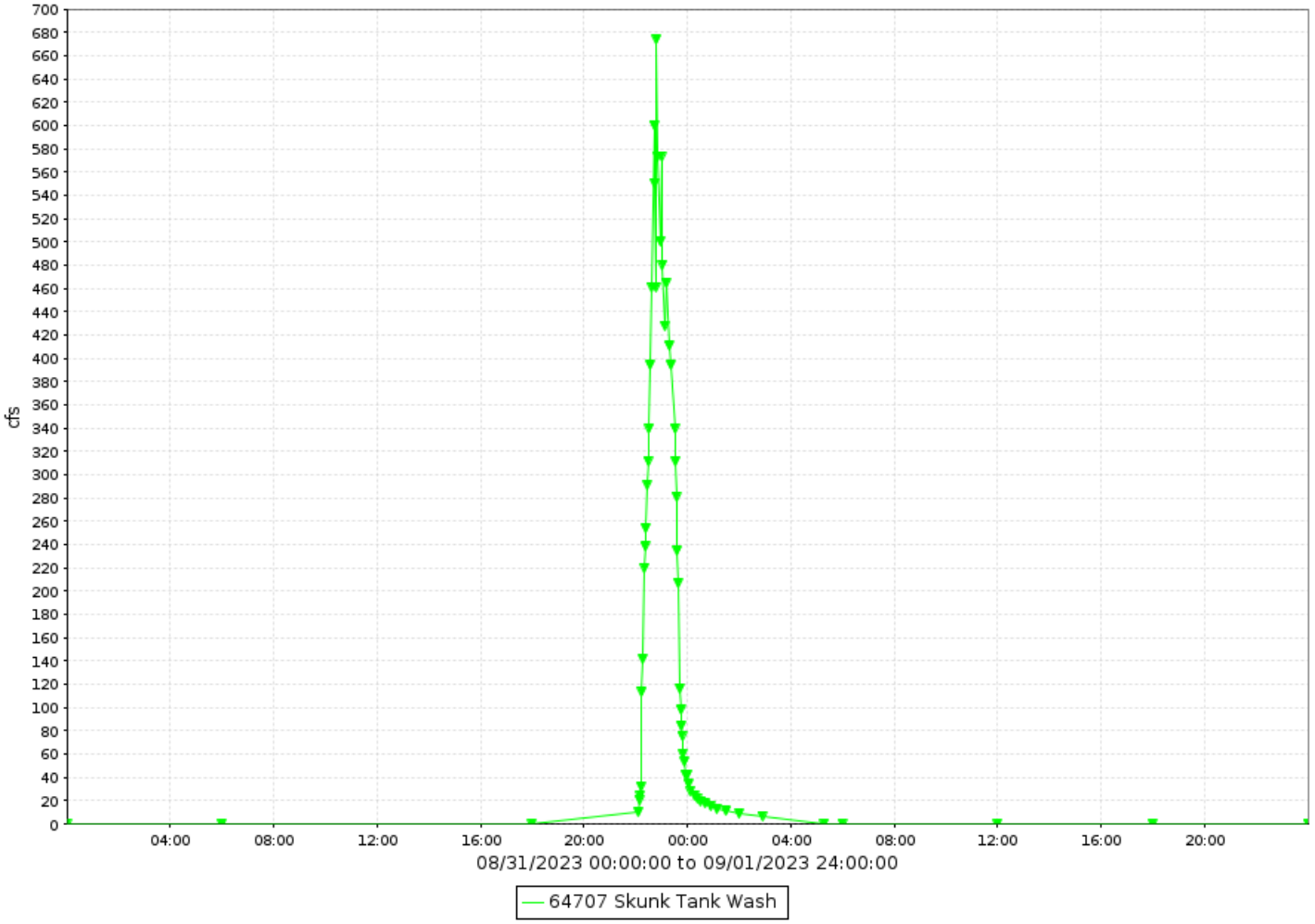




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
1/1	2.94	73
1/17	1.52	19
2/14	1.47	19
3/2	1.82	24
3/22	2.55	53
8/31	7.09	674
9/12	3.14	84

Hydrograph of peak WY 2023 flow event, 08/31/2023



Skunk Tank Wash, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				7		3						2
2						2						
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												2
13												1
14					2							
15												
16												
17				3								
18												
19												
20												
21												
22						5						
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---		25	---
TOTAL	0	0	0	10	2	10	0	0	0	0	25	5
MEAN	0	0	0	0	0	0	0	0	0	0	1	0
MAX	0	0	0	73	19	53	0	0	0	0	674	84
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	20	4	20	0	0	0	0	50	11

WTR YR 2023 TOTAL 53 MEAN 0 MAX 674 MIN 0 AC_FT 105

Sols Wash at SR71, ID #47707

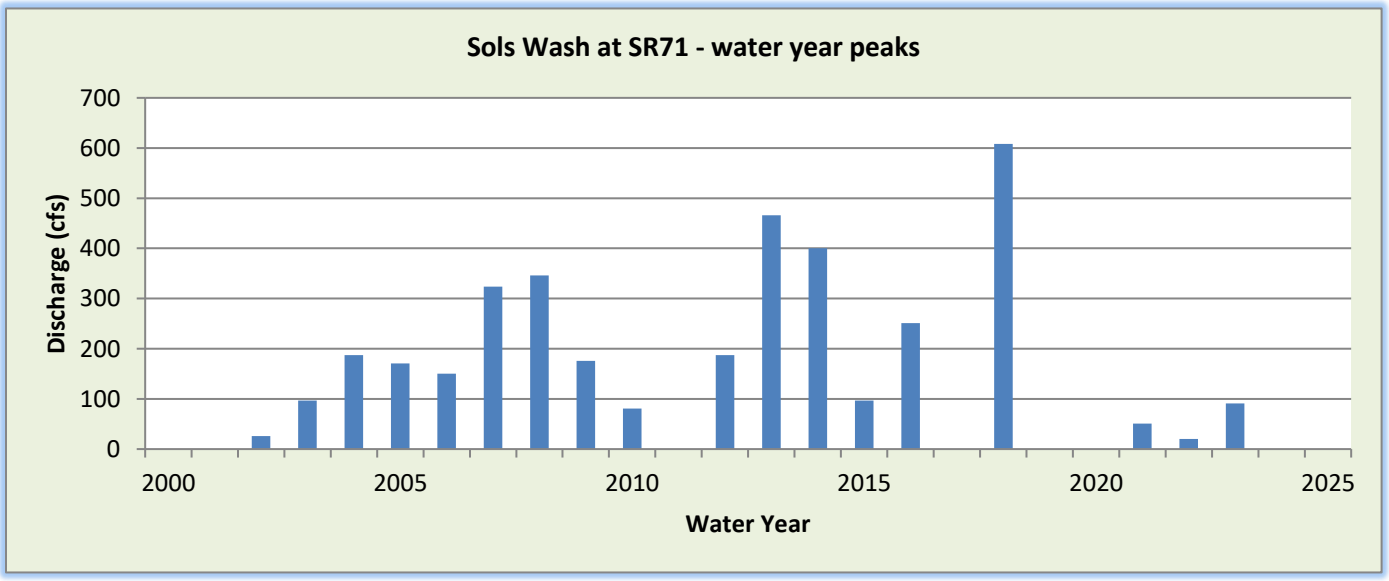


Site Data

LOCATION	Located 1/2 mile west of US93 on SR71
DRAINAGE AREA	0.9 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
ARIZONA STATE PLANE	E 383448 | N 1136141
USGS QUAD SHEET	Congress SW 7.5-Minute
STREAMGAGE INSTALLATION DATE	09/12/2001 - WY 2001
PERIOD OF AVAILABLE DATA RECORD	09/12/2001 - Current
LENGTH OF AVAILABLE DATA RECORD	22.05 Years | 8,054 Days
GAPS IN RECORD	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	2,737.604 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

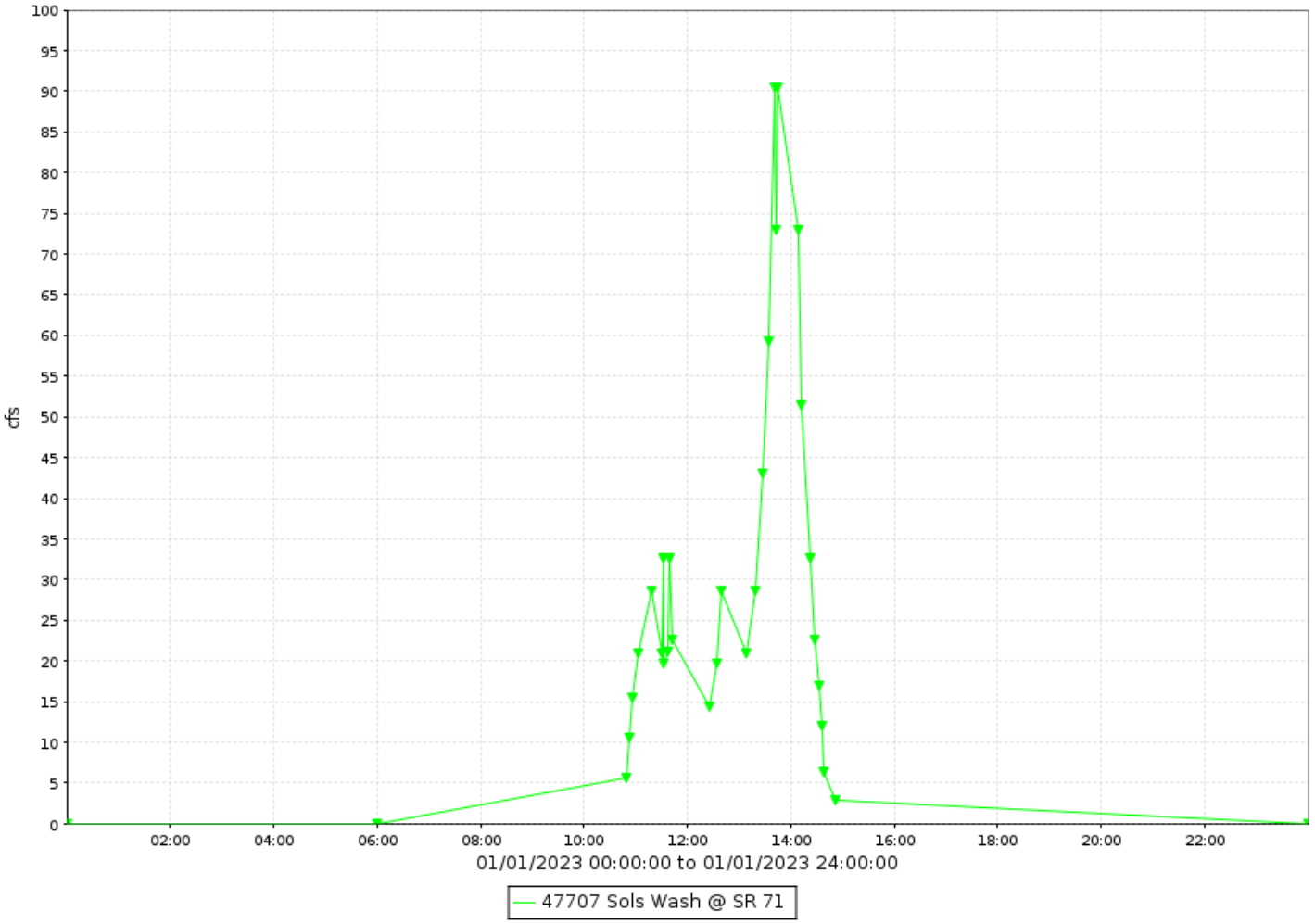




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
11/09	0.32	10
1/1	1.02	91

Hydrograph of peak WY 2023 flow event, 01/01/2023



Sols Wash at SR71, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

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

WTR YR 2023 TOTAL 13 MEAN 0 MAX 91 MIN 0 AC_FT 25

Sols Tributary at US93, ID #50007

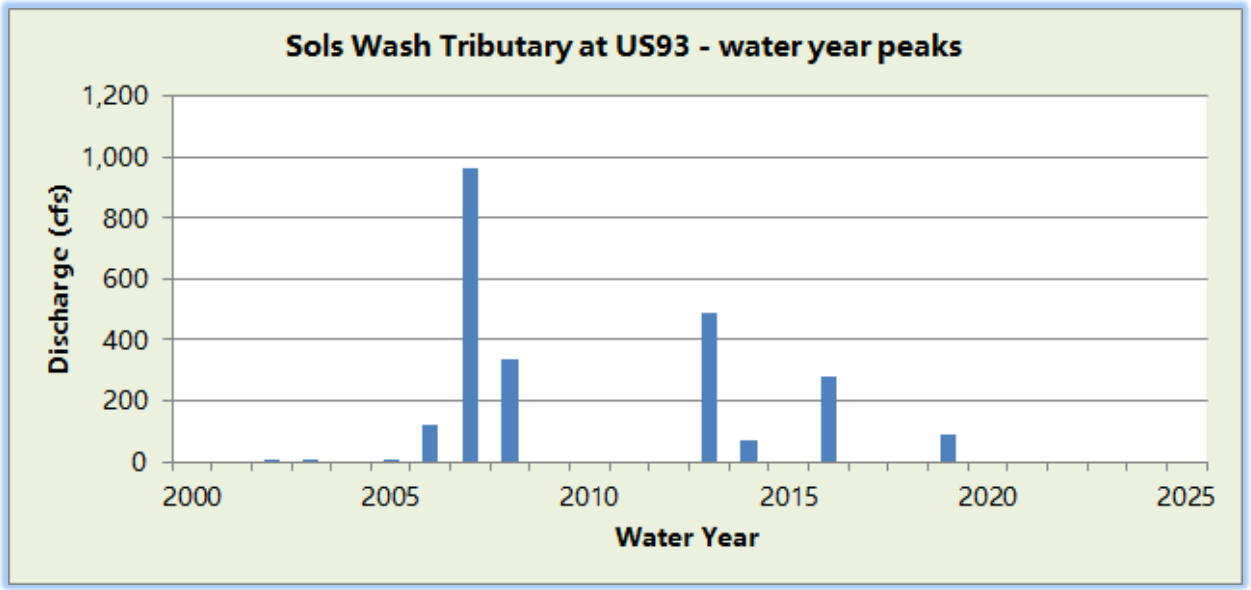


Site Data

LOCATION	Located west of US93 near mile post 191
DRAINAGE AREA	6.5 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
ARIZONA STATE PLANE	E 417158 | N 1111604
USGS QUAD SHEET	Flores 7.5-Minute
STREAMGAGE INSTALLATION DATE	01/30/2002 - WY 2002
PERIOD OF AVAILABLE DATA RECORD	01/30/2002 - Current
LENGTH OF AVAILABLE DATA RECORD	21.67 Years | 7,914 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.07 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	2,576.300 feet NAVD88
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	967 cfs | 3.40 feet | 07/25/2007

Watershed Map





WY2023 Events

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

Hydrograph of peak WY 2023 flow event,

No runoff recorded in Water Year 2023.

Sols Tributary near US93, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

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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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 2023 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

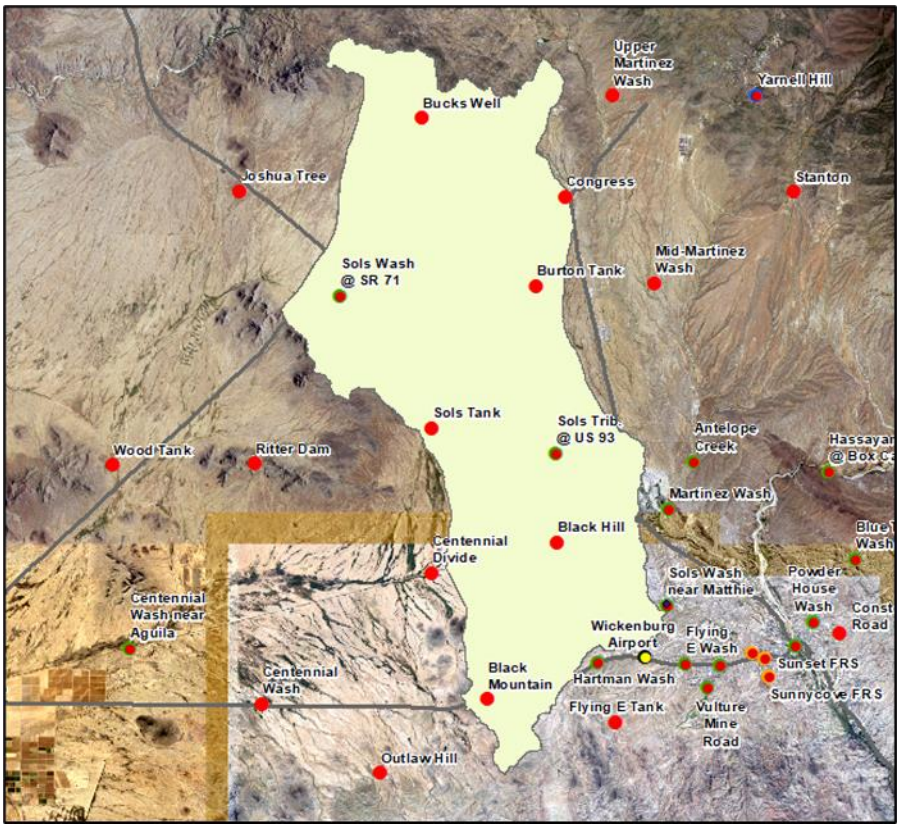
Sols Wash near Matthie, ID #50807

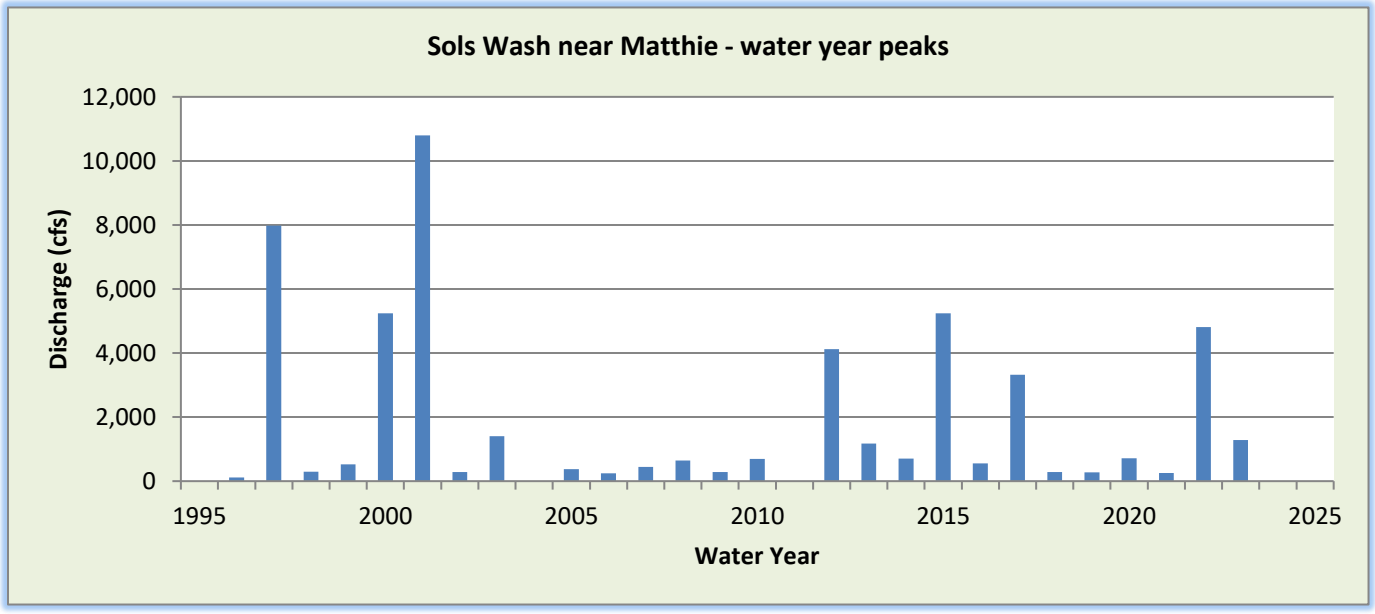


Site Data

LOCATION	Located along the railroad about 1 mile west of Vulture Mine Road
DRAINAGE AREA	118.5 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
ARIZONA STATE PLANE	E 424377 | N 1087949
USGS QUAD SHEET	Vulture Peak 7.5-Minute
STREAMGAGE INSTALLATION DATE	08/04/1995 - WY 1995
PERIOD OF AVAILABLE DATA RECORD	08/04/1995 - Current
LENGTH OF AVAILABLE DATA RECORD	28.16 Years | 10,285 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Non-submersible Pressure Transducer
STAGE GAGE ELEVATION	1.10 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	2,230.537 feet NAVD88
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

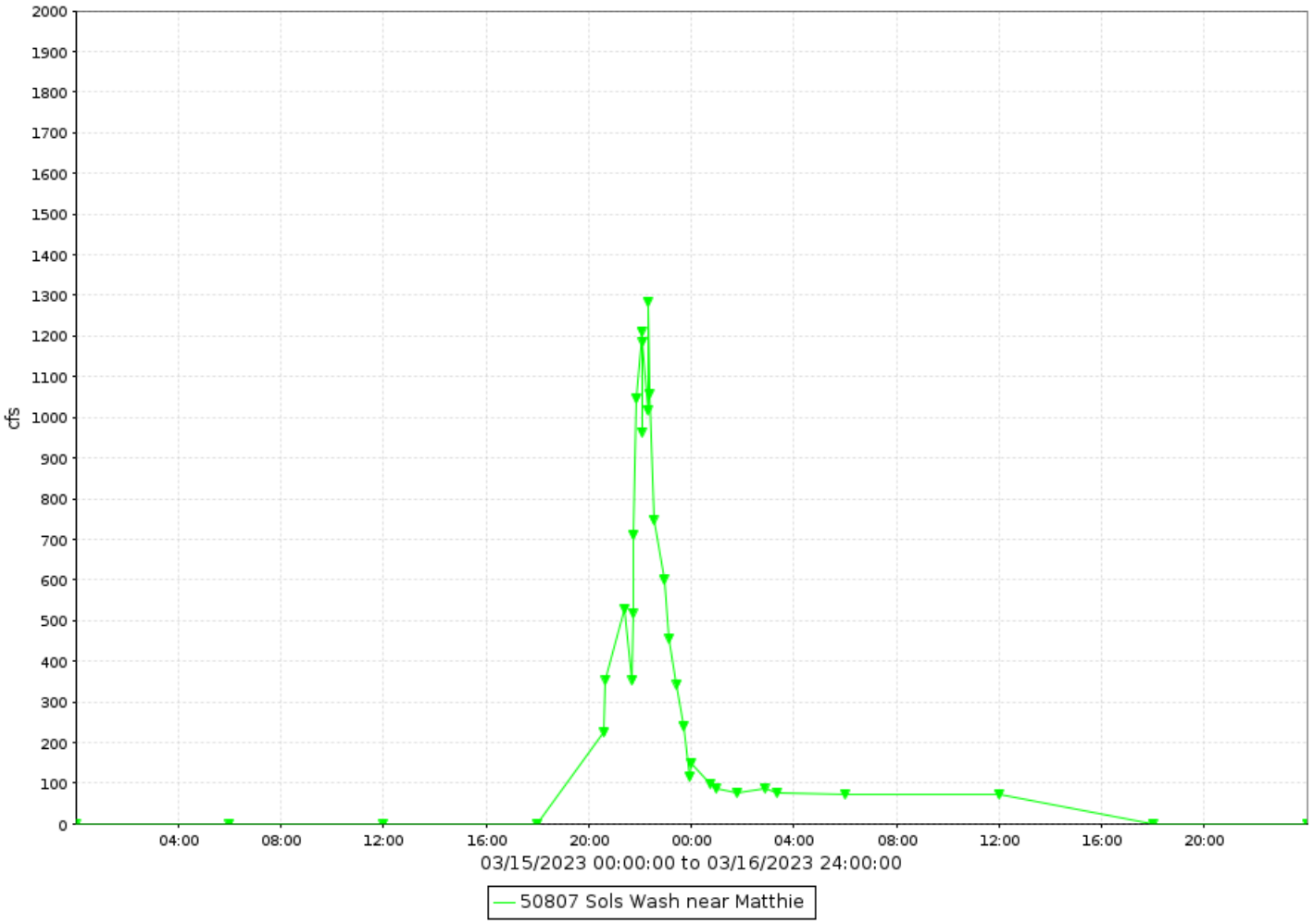




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
3/15	2.34	1284

Hydrograph of peak WY 2023 flow event, 03/15/2023



Sols Wash near Matthie, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

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						83						
16						59						
17												
18												
19												
20								---				
21								---				
22								36				
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	0	0	142	0	18	0	0	0	0
MEAN	0	0	0	0	0	5	0	1	0	0	0	0
MAX	0	0	0	0	0	1284	0	72	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	0	0	0	281	0	36	0	0	0	0

WTR YR 2023 TOTAL 160 MEAN 0 MAX 1284 MIN 0 AC_FT 317

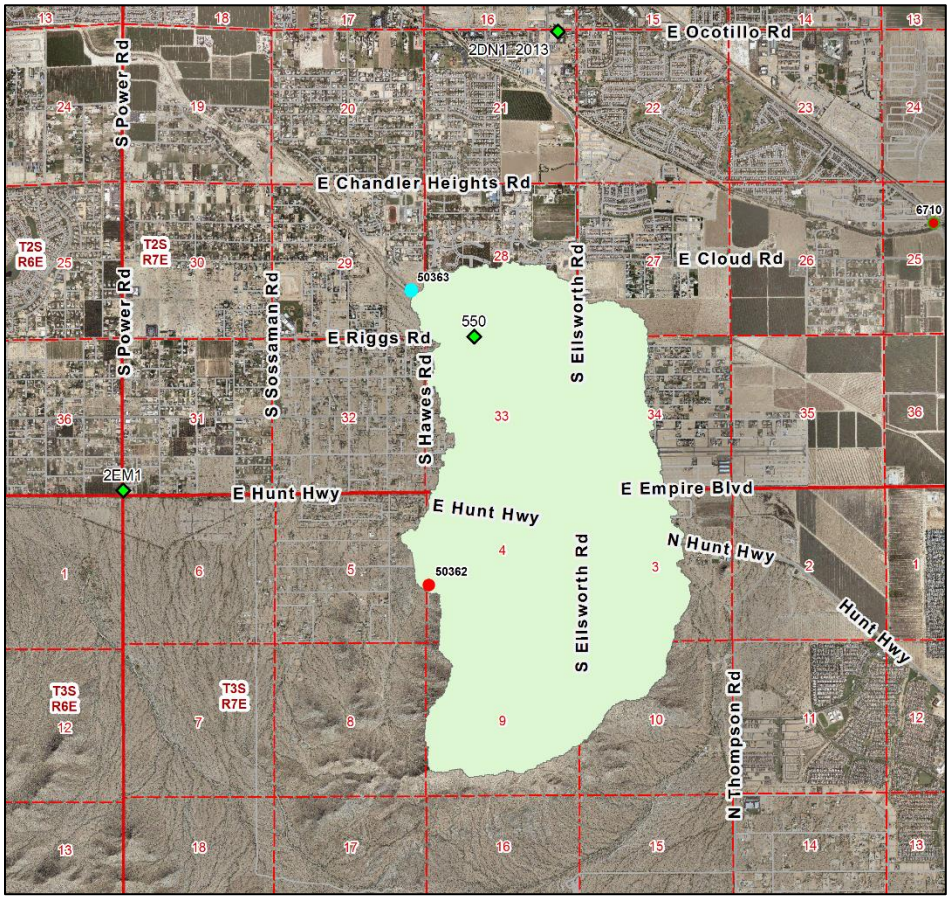
Sonoqui Wash near Hawes Road, ID #36307

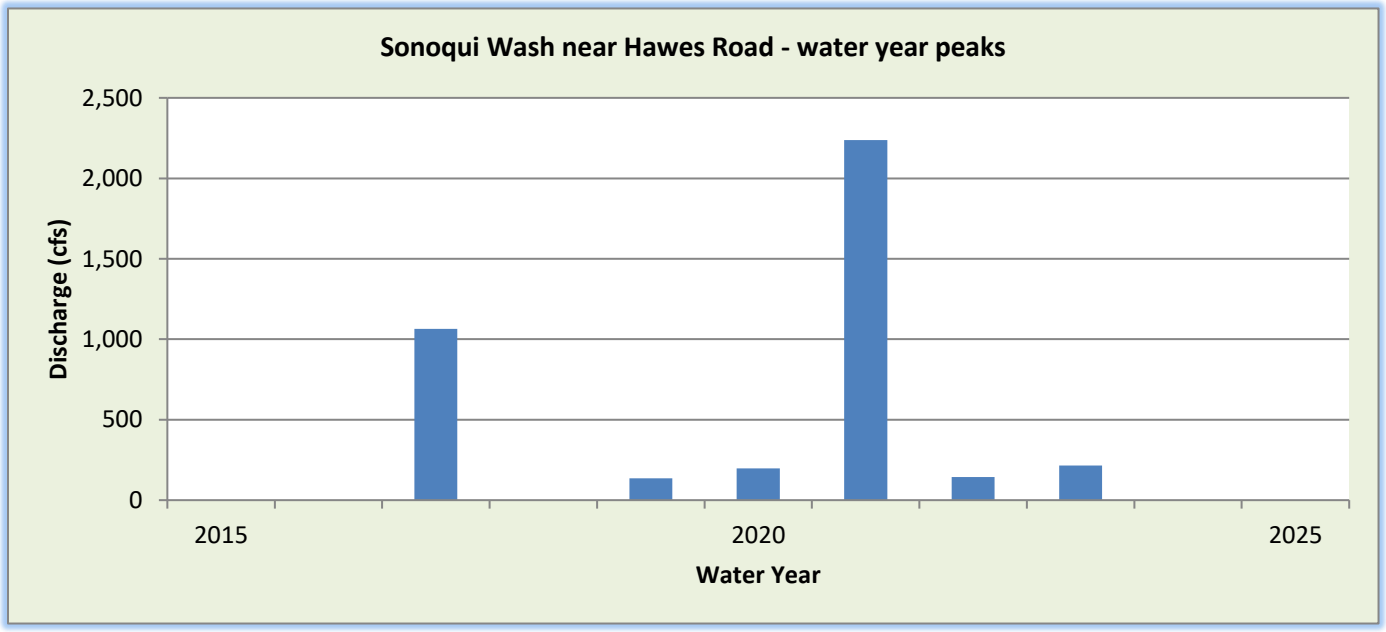


Site Data

LOCATION	Located about 1/4 mile north of Riggs Road, and about 1,000 feet west of Hawes Road
DRAINAGE AREA	15 mi^2
STREAM TYPE	Channelized Natural Stream
JURISDICTION	Queen Creek, Arizona
WATERSHED	Upper EMF
SECTION/TOWNSHIP/RANGE	S29 T2S R7E
LATITUDE	N 33° 13' 26.5" | +33.22402
LONGITUDE	W 111° 39' 11.8" | -111.65327
ARIZONA STATE PLANE	E 780550 | N 809150
USGS QUAD SHEET	Chandler Heights 7.5-Minute
STREAMGAGE INSTALLATION DATE	12/21/2016 - WY 2017
PERIOD OF AVAILABLE DATA RECORD	12/21/2016 - Current
LENGTH OF AVAILABLE DATA RECORD	6.78 Years | 2,475 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	1.40 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	1,373.00 feet NAVD88
POINT OF ZERO FLOW	0.85 feet Gage Height
EXTREME FOR PERIOD OF RECORD	2,237 cfs | 7.10 feet Gage Height | 08/17/2022

Watershed Map

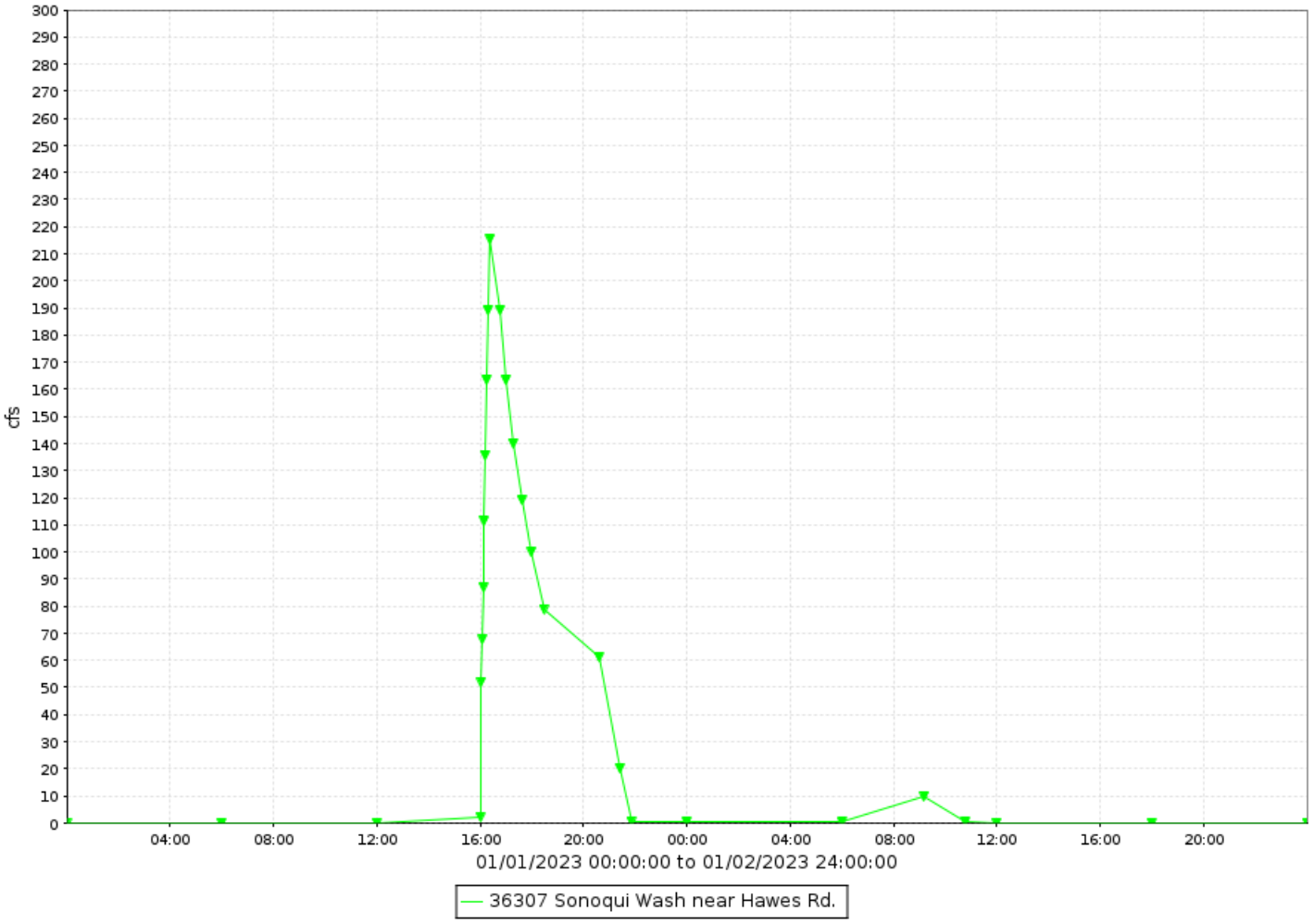




WY2023 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
10/15	2.75	210
1/1	2.78	215
3/1	1.88	58

Hydrograph of peak WY 2023 flow event, 01/01/2023



Sonoqui Wash near Hawes Road, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				24		3						
2				1		1						
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15	16											
16	12											
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	28	0	0	25	0	4	0	0	0	0	0	0
MEAN	1	0	0	1	0	0	0	0	0	0	0	0
MAX	210	0	0	215	0	58	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	56	0	0	50	0	7	0	0	0	0	0	0

WTR YR 2023 TOTAL 57 MEAN 0 MAX 215 MIN 0 AC_FT 113

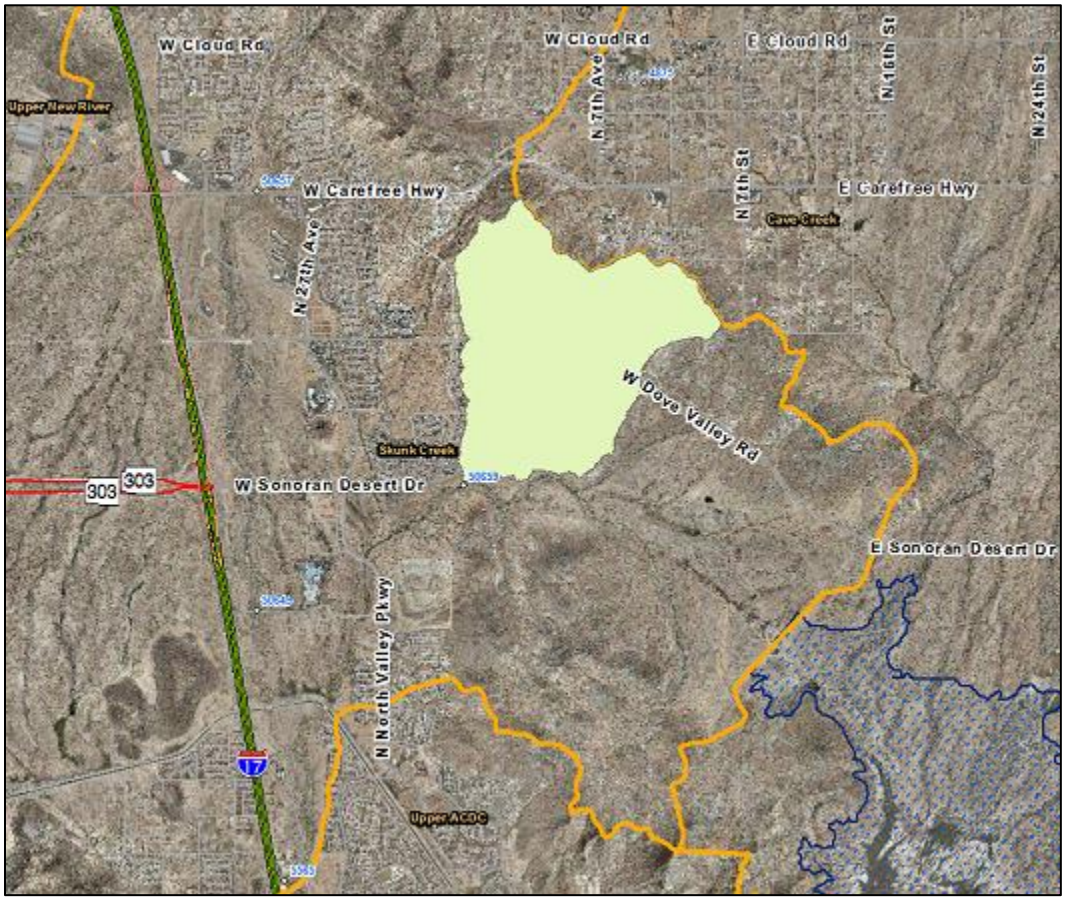
Sonoran Wash, ID #65907

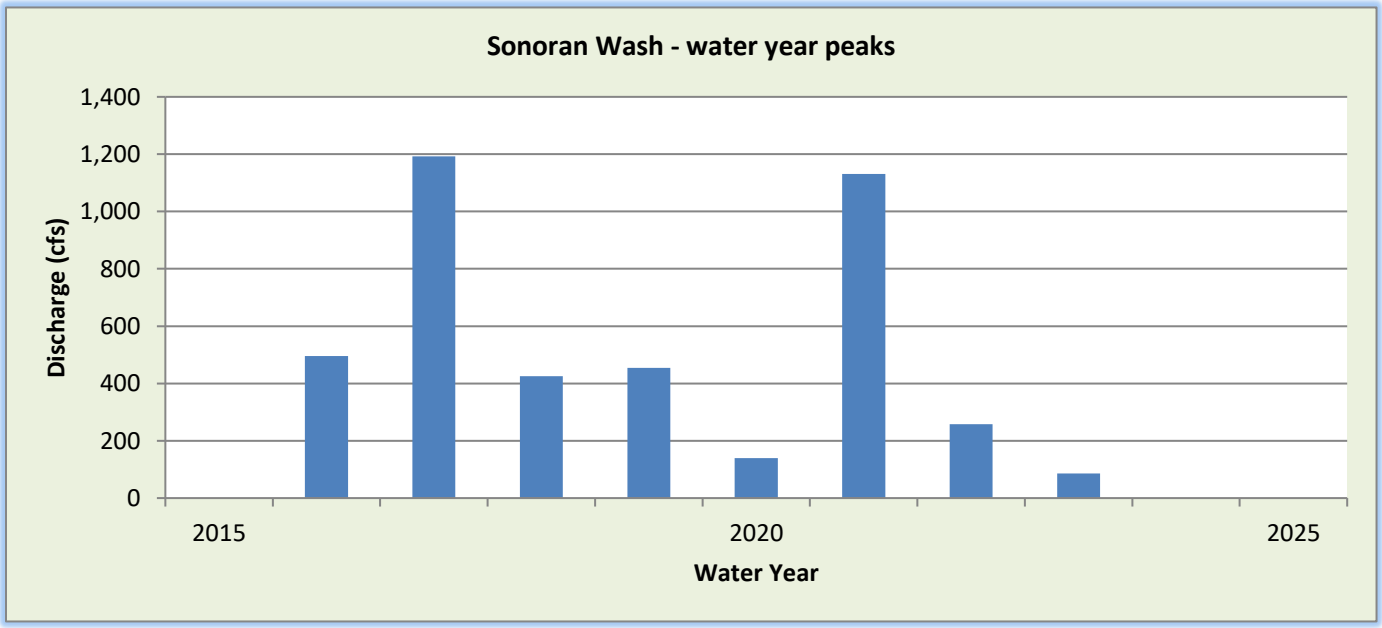


Site Data

LOCATION	Located southeast of Paloma Pkwy and Sonoran Desert Drive
DRAINAGE AREA	7.82 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
ARIZONA STATE PLANE	E 644660 | N 1007470
USGS QUAD SHEET	New River SE 7.5-Minute
STREAMGAGE INSTALLATION DATE	10/13/2015 - WY 2016
PERIOD OF AVAILABLE DATA RECORD	10/13/2015 - Current
LENGTH OF AVAILABLE DATA RECORD	7.97 Years | 2,910 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	1.34 feet Gage Height
STAFF GAGES	None
CREST STAGE GAGES	None
ZERO GAGE HEIGHT ELEVATION	1,574.850 feet NAVD88
POINT OF ZERO FLOW	0.3 feet Gage Height
EXTREME FOR PERIOD OF RECORD	1,131 cfs | 5.72 feet GH | 07/25/2022

Watershed Map

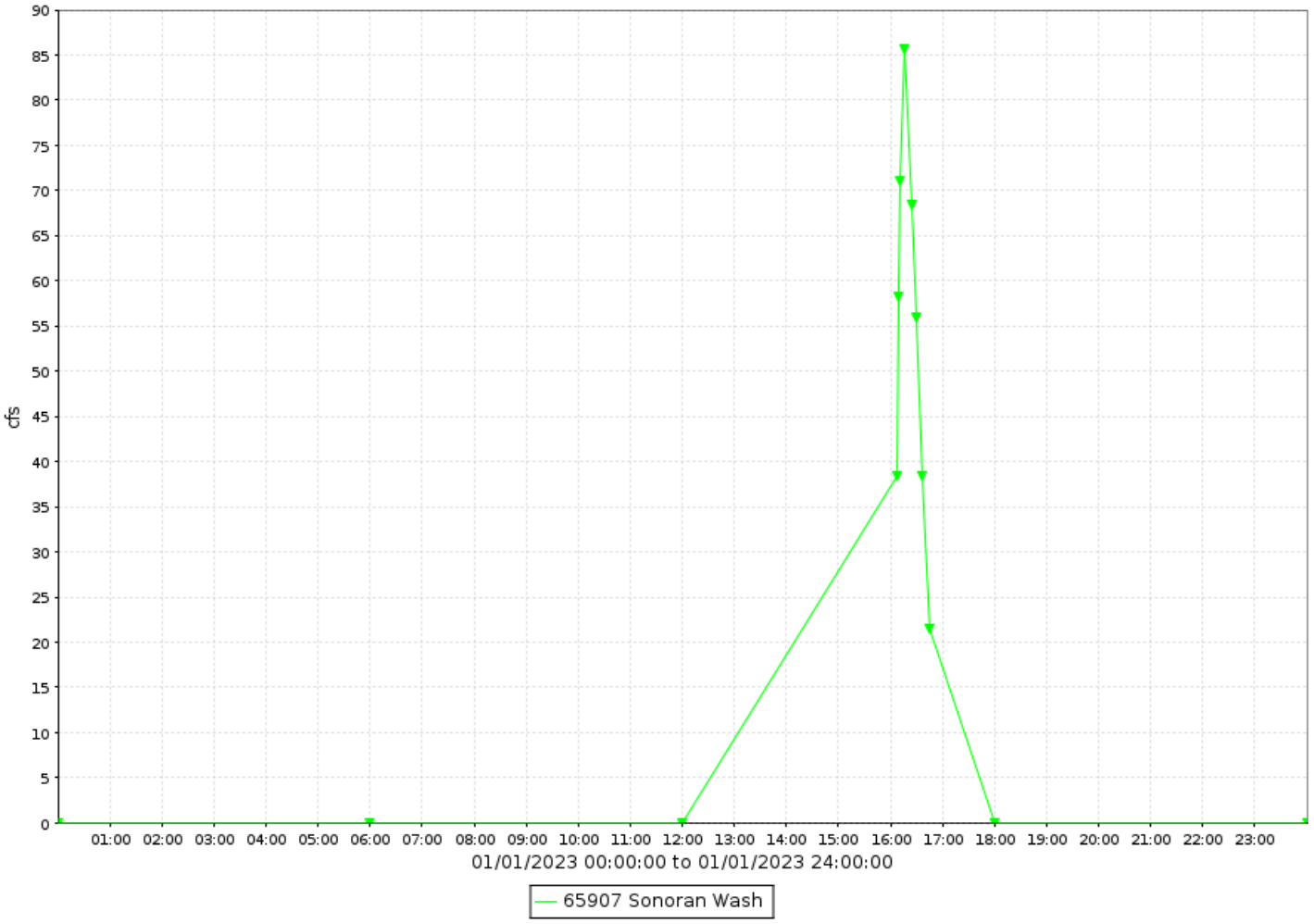




WY2023 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
1/1	1.89	86

Hydrograph of peak WY 2023 flow event, 01/01/2023



Sonoran Wash, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				3								
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	38	0	0	86	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 2023 TOTAL 3 MEAN 0 MAX 86 MIN 0 AC_FT 5

South Mountain Fan, ID #70507

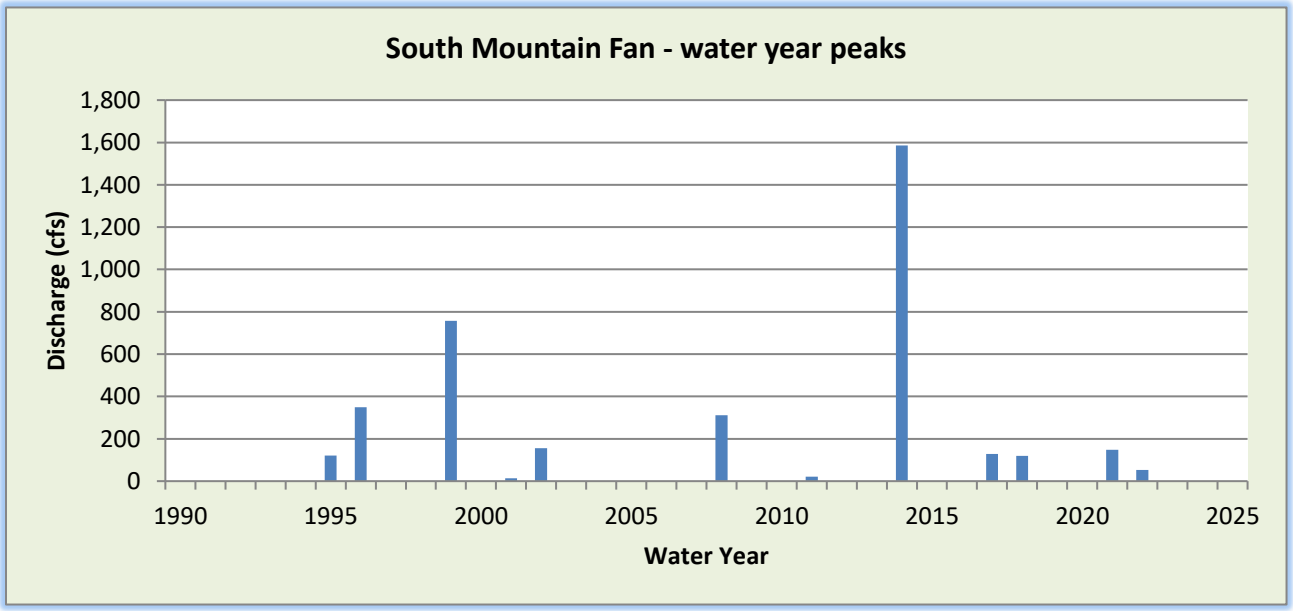


Site Data

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
ARIZONA STATE PLANE	E 633720 | N 842264
USGS QUAD SHEET	Laveen 7.5-Minute
STREAMGAGE INSTALLATION DATE	06/09/1993 - WY 1993
PERIOD OF AVAILABLE DATA RECORD	06/09/1993 - Current
LENGTH OF AVAILABLE DATA RECORD	30.31 Years | 11,071 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	1.05 feet Gage Height
STAFF GAGES	None
CREST STAGE GAGES	None
ZERO GAGE HEIGHT ELEVATION	1,276.61 feet NAVD88
POINT OF ZERO FLOW	0.5 feet Gage Height
EXTREME FOR PERIOD OF RECORD	1,586 cfs | 3.85 feet | 08/12/2014

Watershed Map





WY2023 Events

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

Hydrograph of peak WY 2023 flow event

No runoff recorded during Water Year 2023.

South Mountain Fan, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

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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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 2023 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

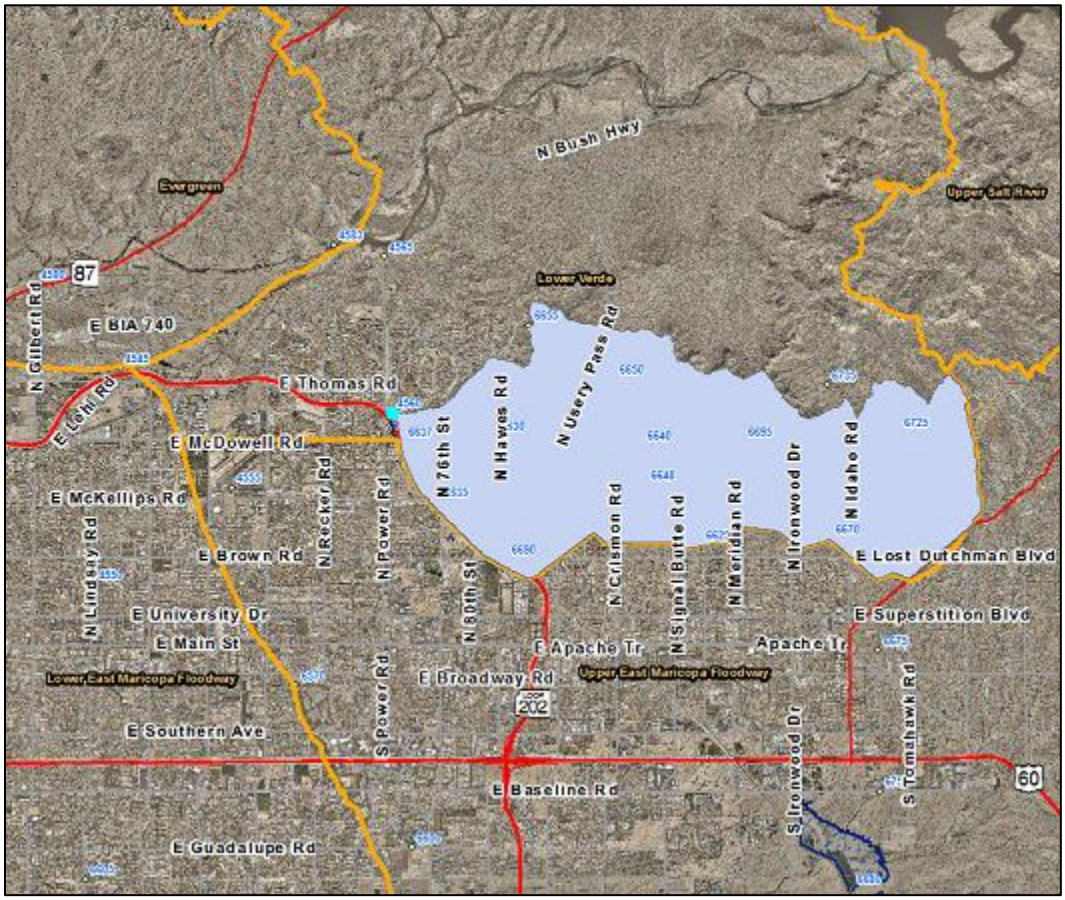
Spookhill FRS, ID #74707

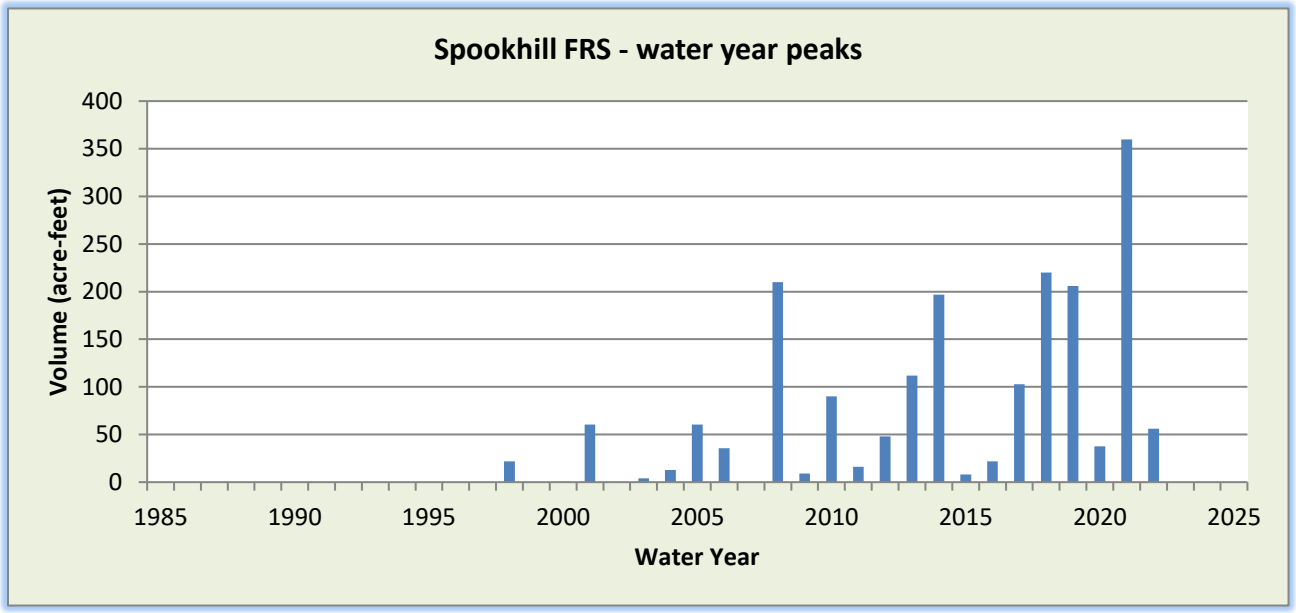


Site Data

LOCATION	Located near Loop 202 and Power Road
DRAINAGE AREA	13.87 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
ARIZONA STATE PLANE	E 771669 | N 899705
USGS QUAD SHEET	Buckhorn 7.5-Minute
STREAMGAGE INSTALLATION DATE	03/13/1984 - WY 1984
PERIOD OF AVAILABLE DATA RECORD	12/30/1987 - Current
LENGTH OF AVAILABLE DATA RECORD	35.75 Years | 13,059 Days
GAPS IN RECORD	05/02/2008 - 06/22/2008
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.28 Feet Gage Height
STAFF GAGES	1
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,568.10 Feet NAVD88
NORMAL DRAWDOWN RATE	-0.12 feet per hour
POINT OF ZERO FLOW (CONTROLLED OUTLET)	0.0 Feet Gage Height
POINT OF ZERO FLOW (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

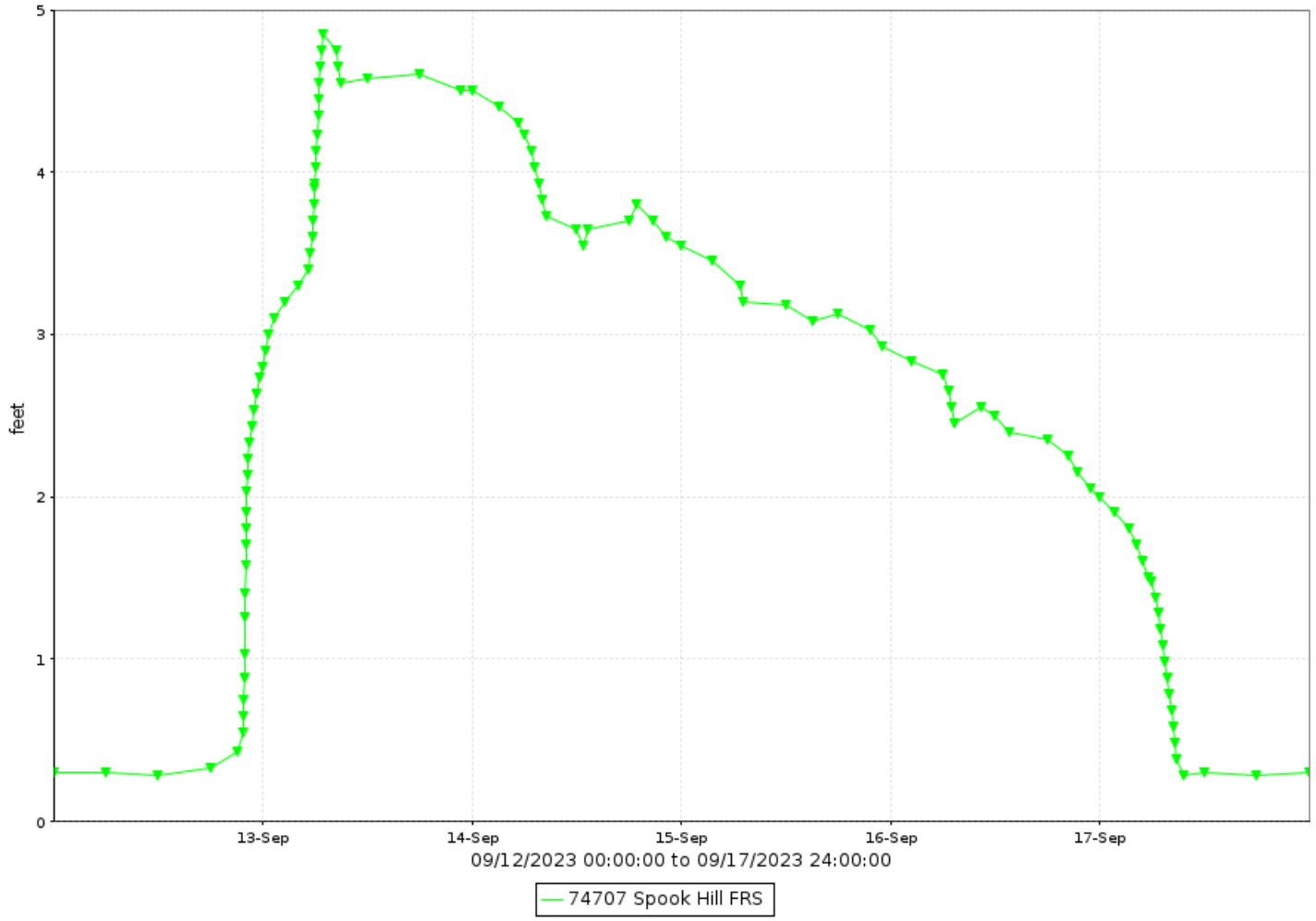




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
10/16	4.31	41.4	1.6
12/4	2.45	3.8	0.2
1/2	2.68	6.2	0.2
1/17	1.43	0.1	0.0
2/15	1.93	1.1	0.0
2/26	1.73	0.5	0.0
3/2	2.40	3.4	0.2
3/16	2.43	3.7	0.2
7/27	1.65	0.4	0.0
9/1	1.53	0.2	0.0
9/12	4.85	61.3	2.24

Hydrograph of peak 2023 impoundment event, 09/12/2023



Spookhill FRS, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				17								18
2				31		29						21
3			3	22		28						8
4			29			26						
5			18			22						
6						5						
7												
8												
9												
10	---											
11												
12			1									3
13			4			---						40
14												38
15	14				15	1						35
16	40			11	25	29						30
17	37			8	24	27						8
18	22				22	25						
19					21	12						
20					20							
21					5							
22												
23												
24												
25												
26					13							
27					7					7		
28			4									
29			21		---							
30			21		---							
31		---	19		---		---		---			---
TOTAL	113	0	120	89	153	205	0	0	0	7	0	201
MEAN	4	0	4	3	5	7	0	0	0	0	0	7
MAX	40	0	30	31	26	30	0	0	0	24	0	43
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	225	0	238	176	303	406	0	0	0	14	0	398

WTR YR 2023 TOTAL 887 MEAN 2 MAX 43 MIN 0 AC_FT 1760

Spookhill FRS, volume data

Volume, in acre-feet, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				1								
2				6		3						
3				2		2						
4			3			1						
5			1									
6												
7												
8												
9												
10	---											
11												
12												
13						---						42
14												30
15	7											15
16	38				1	3						5
17	26					2						
18	4					1						
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
MEAN	2	0	0	0	0	0	0	0	0	0	0	3
MAX	41	0	4	6	1	4	0	0	0	0	0	61
MIN	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 2023 MEAN 1 MAX 61 MIN 0

Spookhill FRS, stage data

Depth, in feet, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.3	0.3	0.3	1.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	1.2
2	0.3	0.3	0.3	2.6	0.3	2.3	0.3	0.3	0.3	0.3	0.3	1.2
3	0.3	0.3	0.4	1.8	0.3	2.1	0.3	0.3	0.3	0.3	0.3	0.9
4	0.3	0.3	2.2	0.3	0.3	1.8	0.3	0.3	0.3	0.3	0.3	0.5
5	0.3	0.3	1.5	0.3	0.3	1.4	0.3	0.3	0.3	0.3	0.3	0.3
6	0.0	0.3	0.3	0.3	0.3	0.5	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
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	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.5
13	0.3	0.3	0.8	0.3	0.3	---	0.3	0.3	0.3	0.3	0.3	4.2
14	0.3	0.3	0.5	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	3.9
15	1.5	0.3	0.4	0.3	1.2	0.3	0.3	0.3	0.3	0.3	0.3	3.2
16	4.2	0.3	0.3	0.8	1.8	2.3	0.3	0.3	0.3	0.3	0.3	2.5
17	3.7	0.3	0.3	0.7	1.6	2.1	0.3	0.3	0.3	0.3	0.3	0.8
18	2.0	0.3	0.0	0.3	1.4	1.7	0.3	0.3	0.3	0.3	0.3	0.3
19	0.3	0.3	0.3	0.3	1.3	0.9	0.3	0.3	0.3	0.3	0.3	0.3
20	0.3	0.3	0.3	0.3	1.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
21	0.0	0.3	0.3	0.3	0.5	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	0.0	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	0.0	0.3	1.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3
27	0.3	0.3	0.3	0.3	0.7	0.3	0.3	0.3	0.3	0.6	0.3	0.3
28	0.3	0.3	0.5	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
29	0.3	0.3	1.3	0.3	---	0.3	0.3	0.3	0.3	0.3	0.3	0.3
30	0.3	0.3	1.2	0.3	---	0.3	0.3	0.3	0.3	0.3	0.3	0.3
31	0.3	---	1.1	0.3	---	0.3	---	0.3	---	0.3	0.3	---
MEAN	0.6	0.3	0.5	0.5	0.6	0.7	0.3	0.3	0.3	0.3	0.3	0.8
MAX	4.3	0.3	2.5	2.7	1.9	2.4	0.3	0.3	0.3	1.6	0.6	4.8
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 2023 MEAN 0.45 MAX 4.85 MIN 0.28

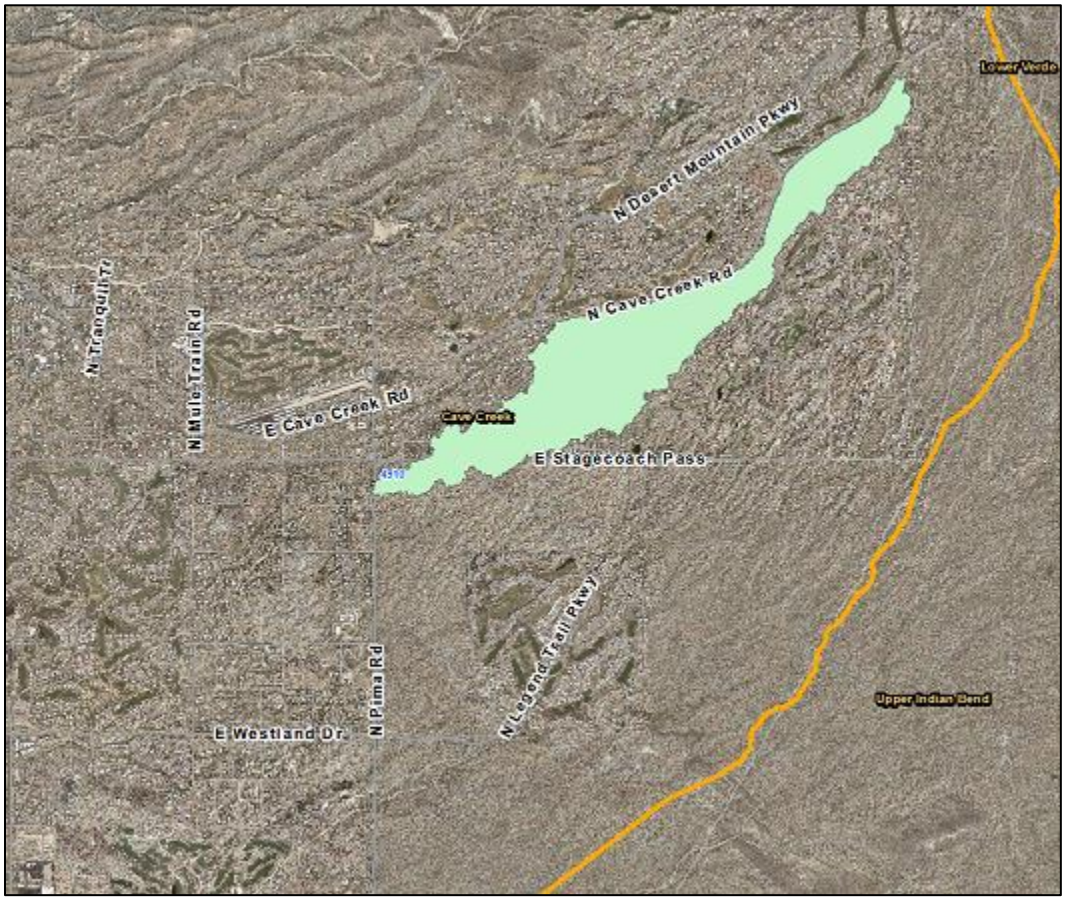
Stagecoach Wash, ID #20007

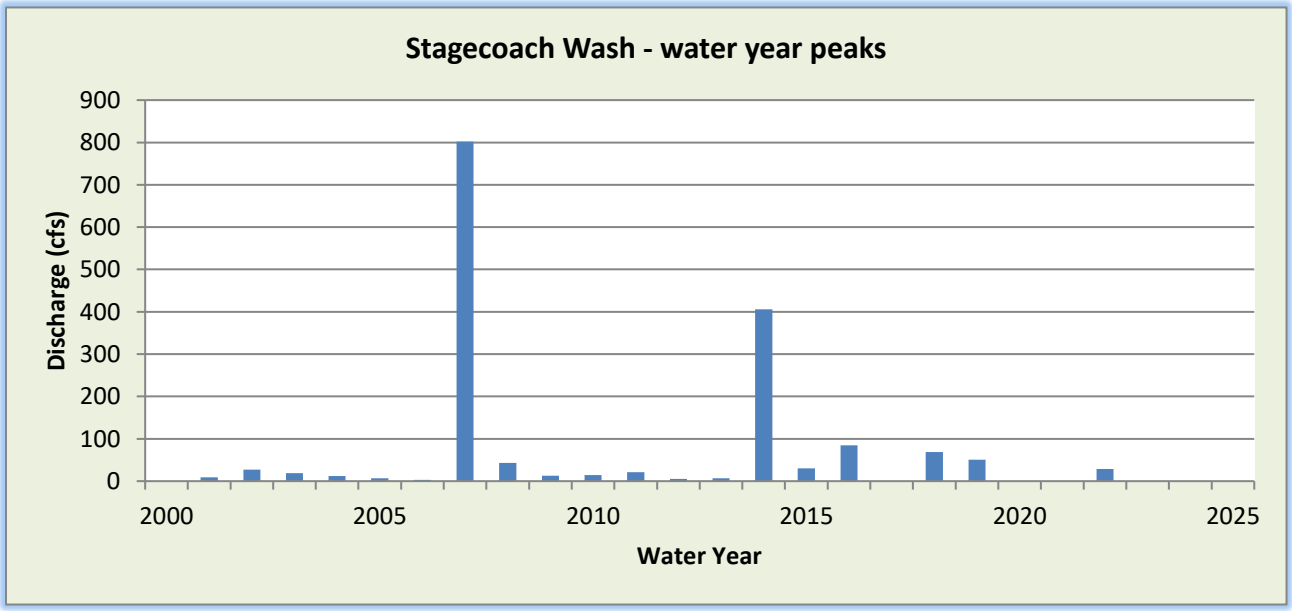


Site Data

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
ARIZONA STATE PLANE	E 707750 | N 1022941
USGS QUAD SHEET	Cave Creek 7.5-Minute
STREAMGAGE INSTALLATION DATE	06/13/2001 - WY 2001
PERIOD OF AVAILABLE DATA RECORD	06/13/2001 - Current
LENGTH OF AVAILABLE DATA RECORD	22.30 Years | 8,145 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.85 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	2,548.696 feet NAVD88
POINT OF ZERO FLOW	0.7 feet Gage Height
EXTREME FOR PERIOD OF RECORD	802 cfs | 5.10 feet | 07/31/2007

Watershed Map





WY2023 Events

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

Hydrograph of peak WY 2023 flow event

No runoff recorded during Water Year 2023.

Stagecoach Wash, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

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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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 2023 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

Stoneridge Dam, ID #77307

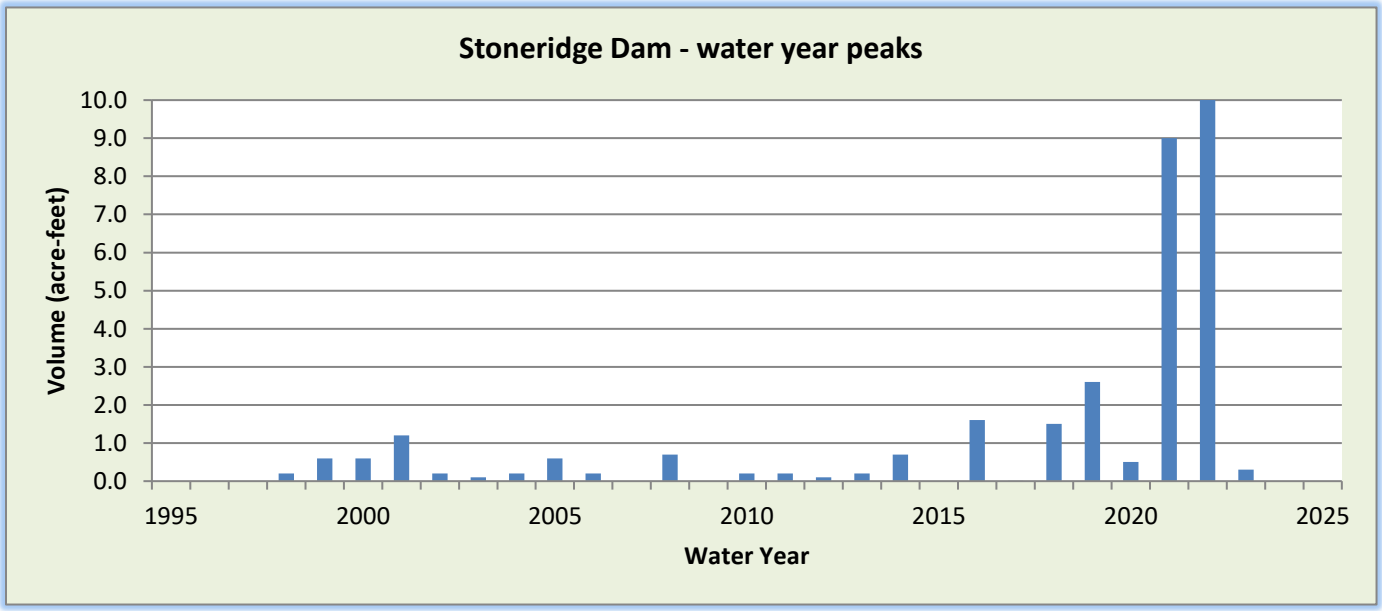


Site Data

LOCATION	About 1/2 mile north of Shea Boulevard, west of Fountain Hills Boulevard
DRAINAGE AREA	0.89 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
ARIZONA STATE PLANE	E 755863 | N 943908
USGS QUAD SHEET	Granite Reef Dam 7.5-Minute
STREAMGAGE INSTALLATION DATE	12/11/1996 - WY 1997
PERIOD OF AVAILABLE DATA RECORD	12/11/1996 – Current
LENGTH OF AVAILABLE DATA RECORD	26.80 Years | 9,790 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	1.30 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,680.935 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

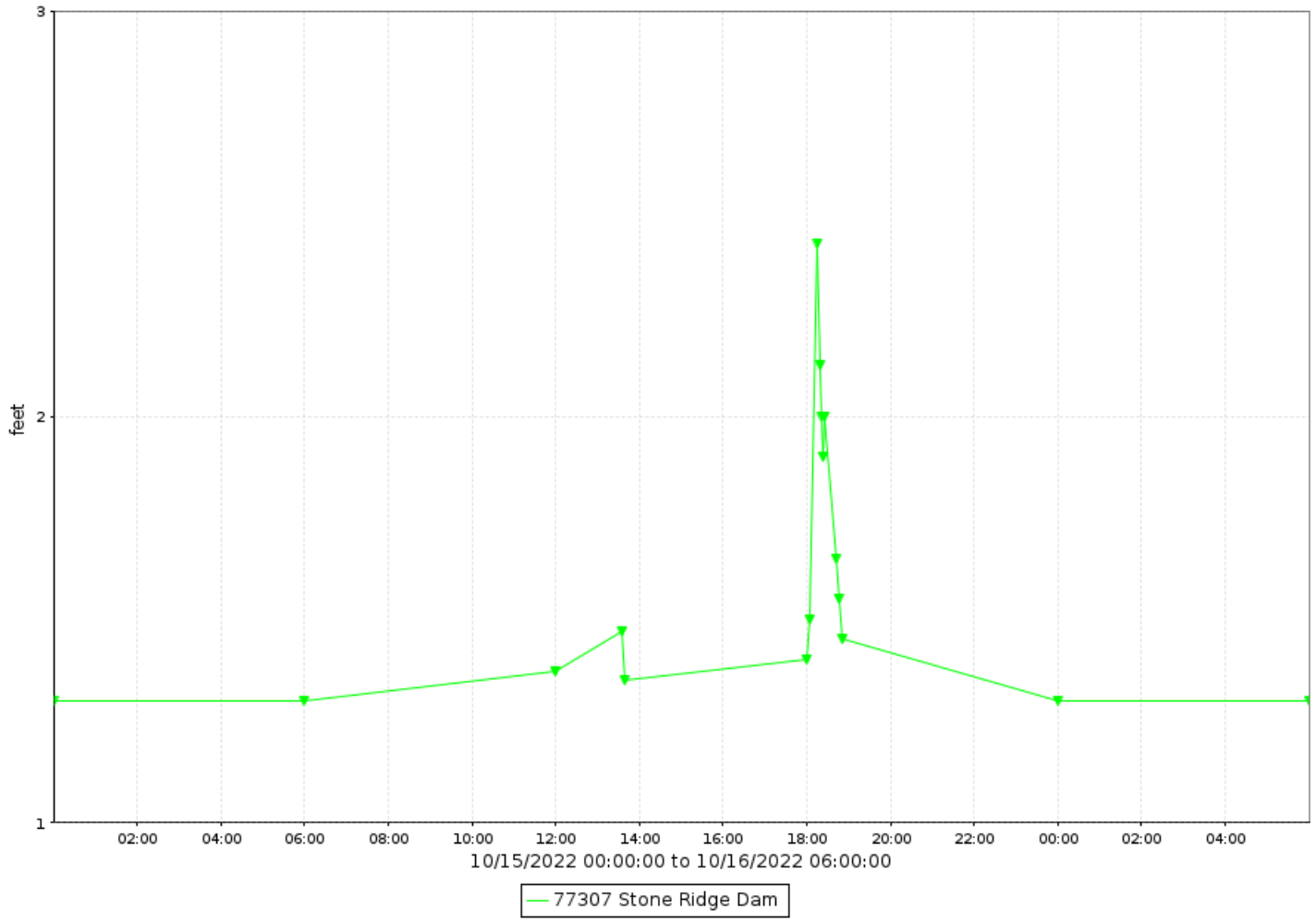




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
10/15	2.43	0.3	0.5

Hydrograph of peak 2023 impoundment event, 10/15/2022



Stoneridge Dam, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

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	4											8
16												8
17												7
18												4
19												4
20												
21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	4	0	0	0	0	0	0	0	0	0	0	38
MEAN	0	0	0	0	0	0	0	0	0	0	0	1
MAX	20	0	0	0	0	0	0	0	0	0	0	8
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	8	0	0	0	0	0	0	0	0	0	0	74

WTR YR 2023 TOTAL 42 MEAN 0 MAX 20 MIN 0 AC_FT 83

Stoneridge Dam, volume data

Volume, in acre feet, Water Year October 2022 to September 2023

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	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 2023 MEAN 0 MAX 0 MIN 0

Stoneridge Dam, stage data

Depth, in feet, Water Year October 2022 to September 2023

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	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.4
16	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.4
17	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.4
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	2.4	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.4
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 2023 MEAN 1.30 MAX 2.43 MIN 1.30

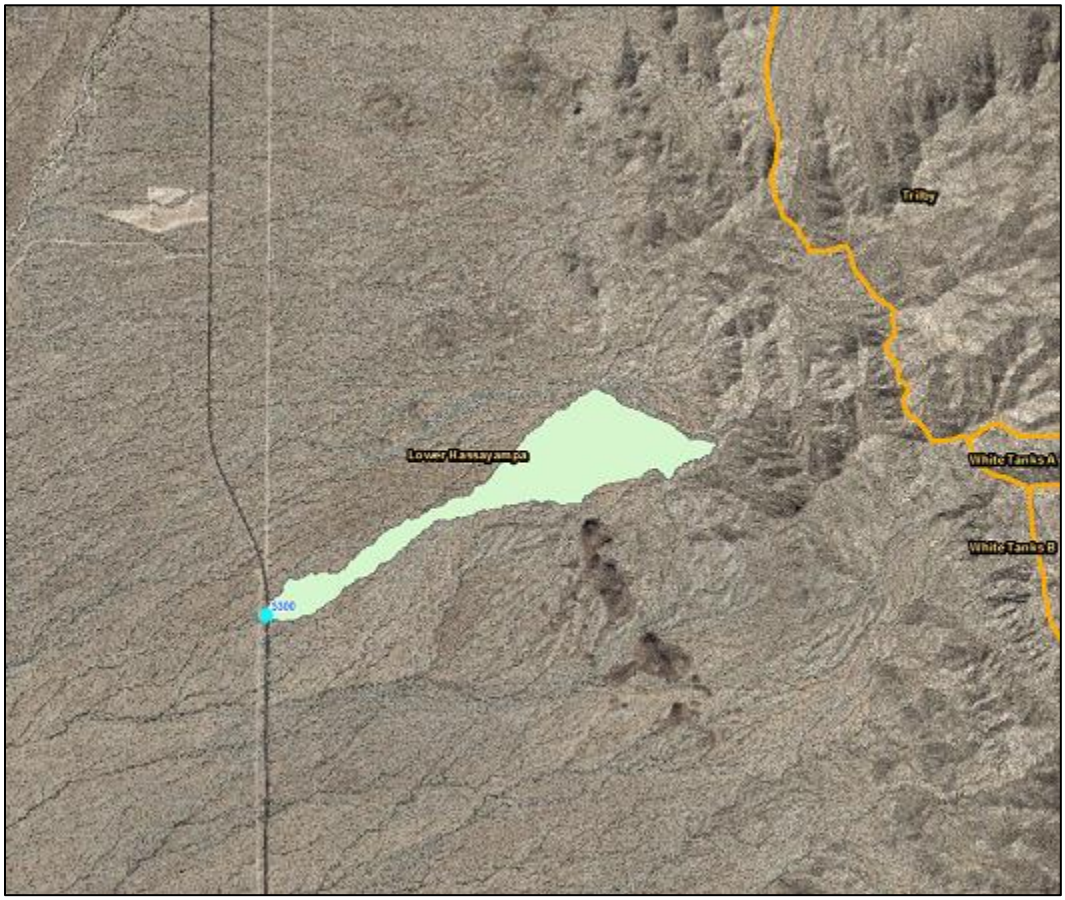
Sun Valley Parkway at Northern Avenue, ID #48307

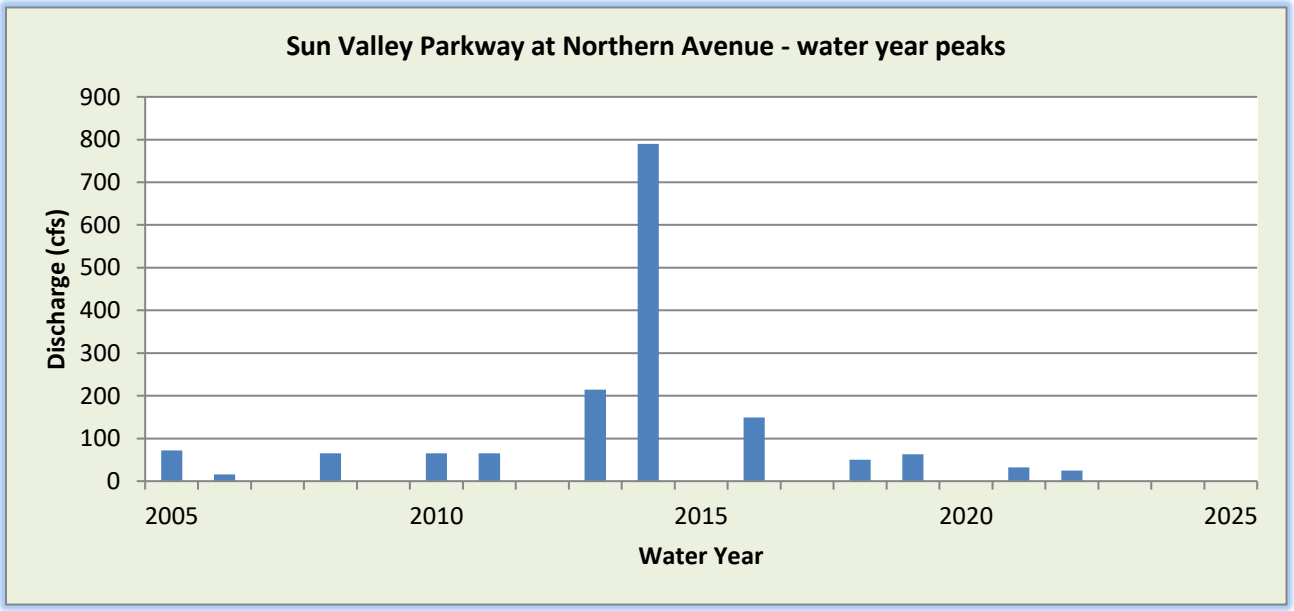


Site Data

LOCATION	On Sun Valley Parkway near the Northern Avenue alignment
DRAINAGE AREA	1.41 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
ARIZONA STATE PLANE	E 468053 | N 929747
USGS QUAD SHEET	Wagner Well Wash 7.5-Minute
STREAMGAGE INSTALLATION DATE	08/02/2005 - WY 2005
PERIOD OF AVAILABLE DATA RECORD	08/02/2005 - Current
LENGTH OF AVAILABLE DATA RECORD	18.16 Years | 6,634 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.10 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	1,394.570 feet NAVD88
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	790 cfs | 1.88 feet | 09/08/2014

Watershed Map





WY2023 Events

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

Hydrograph of peak WY 2023 flow event

No runoff recorded during Water Year 2023.

Sun Valley Parkway at Northern, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

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 2023 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

Sunnycove FRS, ID #46507

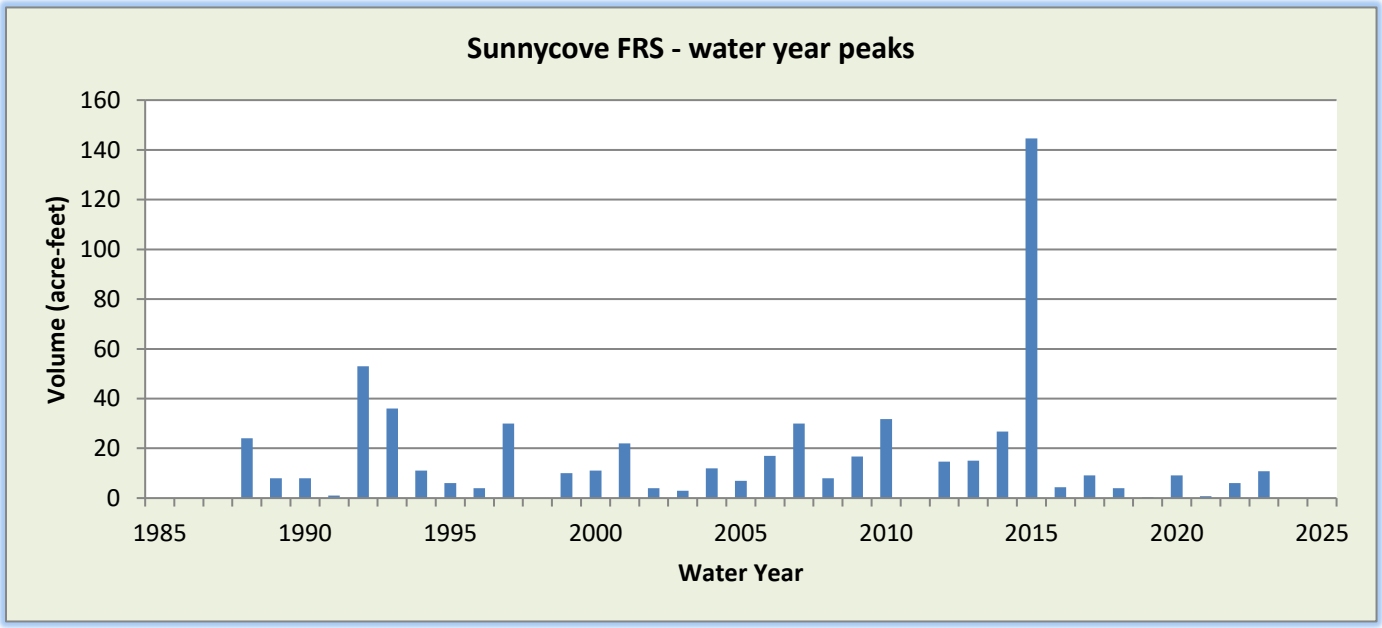


Site Data

LOCATION	In Wickenburg south of US 60 near the cemetery
DRAINAGE AREA	1.39 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
ARIZONA STATE PLANE	E 450401 | N 1076836
USGS QUAD SHEET	Wickenburg 7.5-Minute
STREAMGAGE INSTALLATION DATE	07/01/1986 - WY 1986
PERIOD OF AVAILABLE DATA RECORD	12/16/1988 - Current
LENGTH OF AVAILABLE DATA RECORD	34.79 Years | 12,707 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.00 feet Gage Height
STAFF GAGES	10
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	2,135.10 feet NAVD88
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

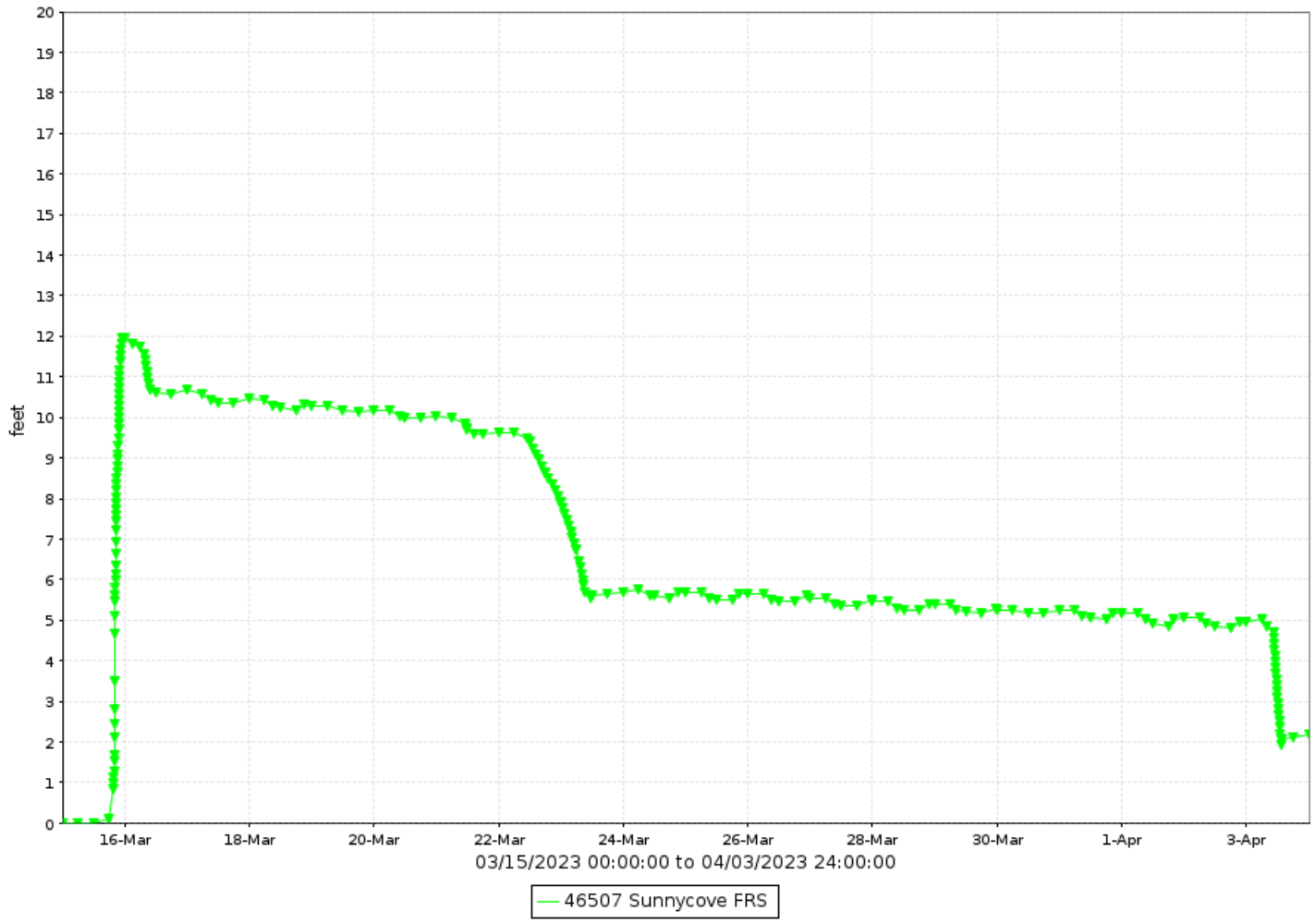




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
1/1	1.96	0.2	0.1
1/17	2.70	0.4	0.2
3/1	1.22	0.1	0.0
3/16	11.95	10.8	5.0
8/18	1.02	0.1	0.0
9/1	1.61	0.2	0.1

Hydrograph of peak WY 2023 impoundment event, 03/16/2023



Sunnycove FRS, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

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 2023 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

Sunnycove FRS, volume data

Volume, in acre-feet, Water Year October 2022 to September 2023

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												
7												
8												
9												
10												
11												
12												
13												
14												
15						1						
16						9						
17						8						
18						8						
19						7						
20						7		---				
21						7		---				
22						6						
23						2						
24						2						
25						2						
26						2						
27						2						
28						2						
29					---	2						
30					---	2						
31		---			---	1	---		---			---
MEAN	0	0	0	0	0	2	0	0	0	0	0	0
MAX	0	0	0	0	0	11	1	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 2023 MEAN 0 MAX 11 MIN 0

Sunnycove FRS, stage data

Depth, in feet, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.0	0.0	0.0	1.3	1.2	0.3	5.0	0.0	0.0	0.0	0.0	1.5
2	0.0	0.0	0.0	1.8	1.1	1.2	4.9	0.0	0.0	0.0	0.0	1.5
3	0.0	0.0	0.0	1.8	1.1	1.0	3.5	0.0	0.0	0.0	0.0	1.4
4	0.0	0.0	0.0	1.7	1.0	1.0	2.1	0.0	0.0	0.0	0.0	1.4
5	0.0	0.0	0.0	1.6	0.9	0.8	1.9	0.0	0.0	0.0	0.0	1.3
6	0.0	0.0	0.0	1.5	0.8	0.7	1.7	0.0	0.0	0.0	0.0	1.2
7	0.0	0.0	0.0	1.4	0.6	0.2	1.4	0.0	0.0	0.0	0.0	1.1
8	0.0	0.0	0.0	1.3	0.1	0.0	1.2	0.0	0.0	0.0	0.0	1.0
9	0.0	0.0	0.0	1.1	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.8
10	0.0	0.0	0.0	1.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.6
11	0.0	0.0	0.0	0.9	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.3
12	0.0	0.0	0.0	0.8	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1
13	0.0	0.0	0.0	0.3	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	0.2	0.0	0.0	0.9	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0
16	1.0	0.0	0.0	1.1	0.0	11.1	0.0	0.0	0.0	0.0	0.0	0.0
17	1.0	0.0	0.0	2.6	0.0	10.5	0.0	0.0	0.0	0.0	0.0	0.0
18	0.9	0.0	0.0	2.5	0.0	10.3	0.0	0.0	0.0	0.0	0.5	0.0
19	0.8	0.0	0.0	2.4	0.0	10.2	0.0	0.3	0.0	0.0	0.2	0.0
20	0.8	0.0	0.0	2.4	0.0	10.1	0.0	---	0.0	0.0	0.2	0.0
21	0.7	0.0	0.0	2.2	0.0	9.8	0.0	---	0.0	0.0	0.2	0.0
22	0.7	0.0	0.0	2.2	0.0	9.2	0.0	0.8	0.0	0.0	0.2	0.0
23	0.7	0.0	0.0	2.1	0.0	6.2	0.0	0.8	0.0	0.0	0.0	0.0
24	0.6	0.0	0.0	2.0	0.0	5.7	0.0	0.5	0.0	0.0	0.0	0.0
25	0.5	0.0	0.0	1.9	0.0	5.6	0.0	0.0	0.0	0.0	0.0	0.0
26	0.3	0.0	0.0	1.7	0.0	5.5	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	1.6	0.0	5.4	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.9	1.5	0.0	5.4	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	1.1	1.4	---	5.3	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	1.0	1.3	---	5.2	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	---	0.9	1.3	---	5.1	---	0.0	---	0.0	0.0	---
MEAN	0.3	0.0	0.1	1.5	0.2	4.1	0.8	0.1	0.0	0.0	0.0	0.4
MAX	1.1	0.0	1.2	2.7	1.3	11.9	5.2	1.1	0.0	0.0	1.1	1.6
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 2023 MEAN 0.65 MAX 11.95 MIN 0.00

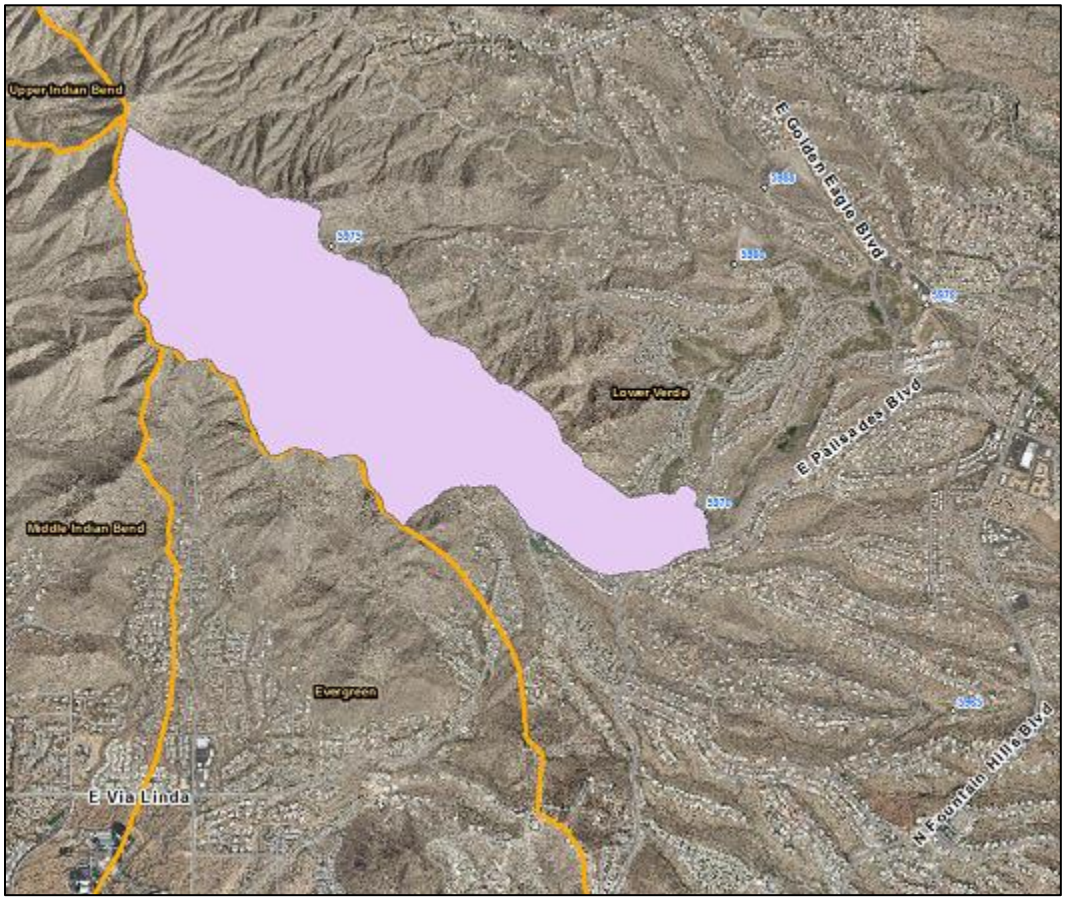
Sunridge Canyon Dam, ID #77507

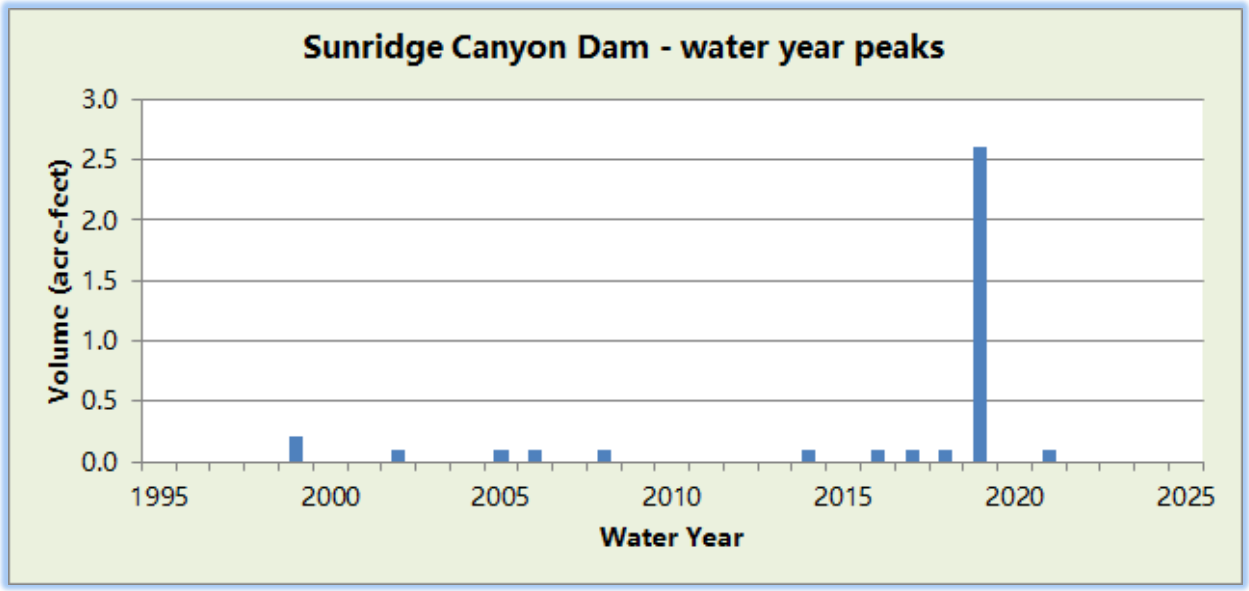


Site Data

LOCATION	Near the Sunridge Canyon Golf Course
DRAINAGE AREA	1.58 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
ARIZONA STATE PLANE	E 750419 | N 948212
USGS QUAD SHEET	Sawik Mountain Dam 7.5-Minute
STREAMGAGE INSTALLATION DATE	02/04/1997 - WY 1997
PERIOD OF AVAILABLE DATA RECORD	02/04/1997 - Current
LENGTH OF AVAILABLE DATA RECORD	26.65 Years | 9,735 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	1.20 feet Gage Height
STAFF GAGES	0
CREST STAGE 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

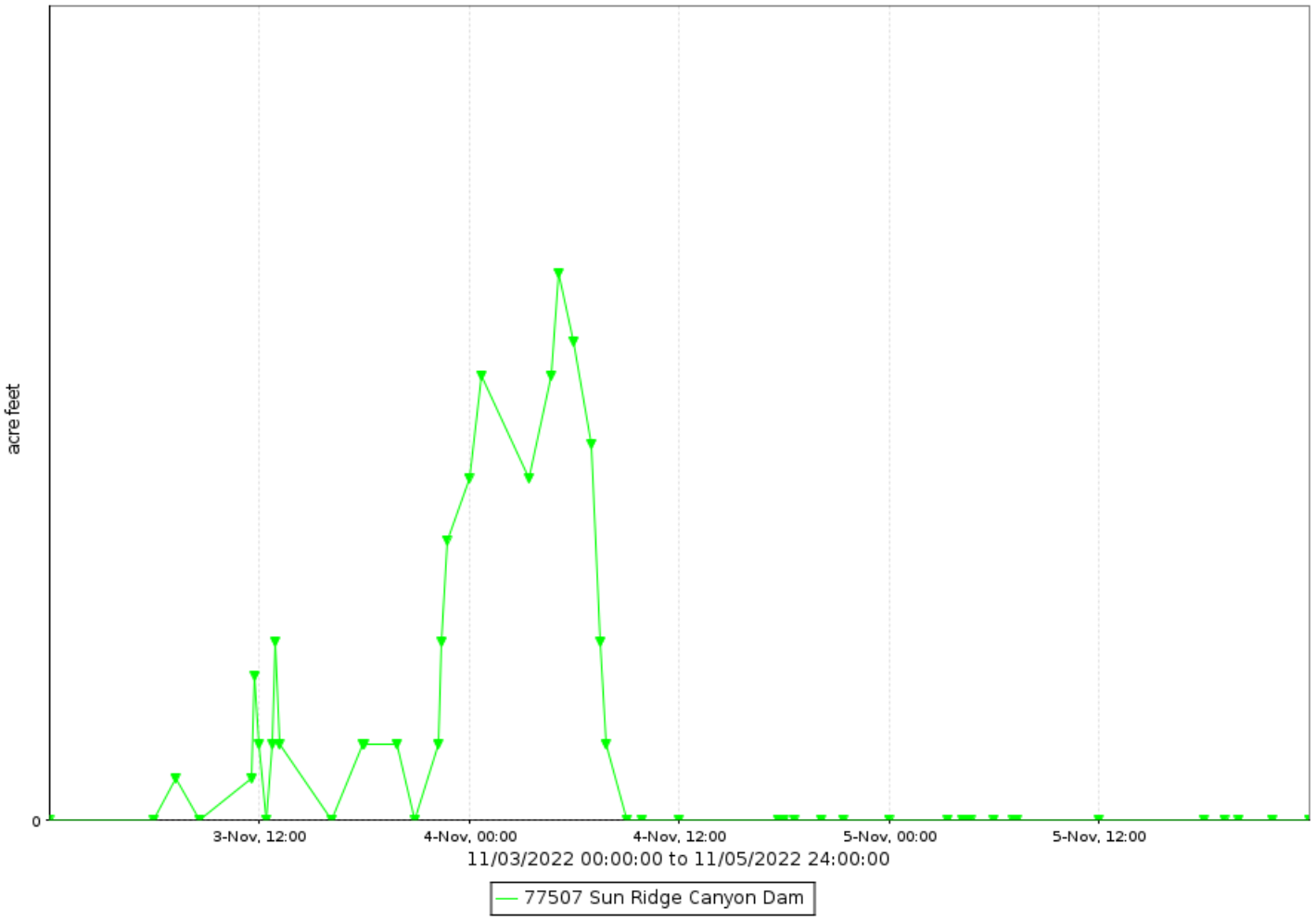




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
11/4	2.17	0.0	0.0
11/27	2.07	0.0	0.0
12/14	1.97	0.0	0.0

Hydrograph of peak WY 2023 impoundment event, 11/04/2022



Sunridge Canyon Dam, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3		9		5								
4		10		6								
5												
6												
7												
8												
9												
10												
11												
12												
13												
14			6									
15			13									
16			1									
17												
18												
19								---				
20								---				
21								---				
22								---				
23												
24	14											
25	17											
26	14	5										
27	12	9										
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	57	34	20	11	0	0	0	0	0	0	0	0
MEAN	2	1	1	0	0	0	0	0	0	0	0	0
MAX	37	32	28	24	0	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	113	67	40	22	0	0	0	0	0	0	0	0

WTR YR 2023 TOTAL 122 MEAN 0 MAX 37 MIN 0 AC_FT 242

Sunridge Canyon Dam, volume data

Volume, in acre feet, Water Year October 2022 to September 2023

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 2023 MEAN 0 MAX 0 MIN 0

Sunridge Canyon Dam, stage data

Depth, in feet, Water Year October 2022 to September 2023

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	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	1.2
3	1.2	1.4	1.2	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
4	1.2	1.5	1.2	1.3	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	1.2	1.2
9	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
10	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
11	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	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	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
15	1.2	1.2	1.5	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
20	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
22	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	1.3	1.2	1.2	1.2	1.2
24	1.5	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
25	1.7	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
26	1.6	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
27	1.5	1.5	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	1.2	1.2	1.2
31	1.2	---	1.2	1.2	---	1.2	---	1.2	---	1.2	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	2.5	2.2	2.0	1.7	1.2	1.2	1.2	1.3	1.2	1.2	1.2	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 2023 MEAN 1.21 MAX 2.46 MIN 1.20

Sunset FRS, ID #46007

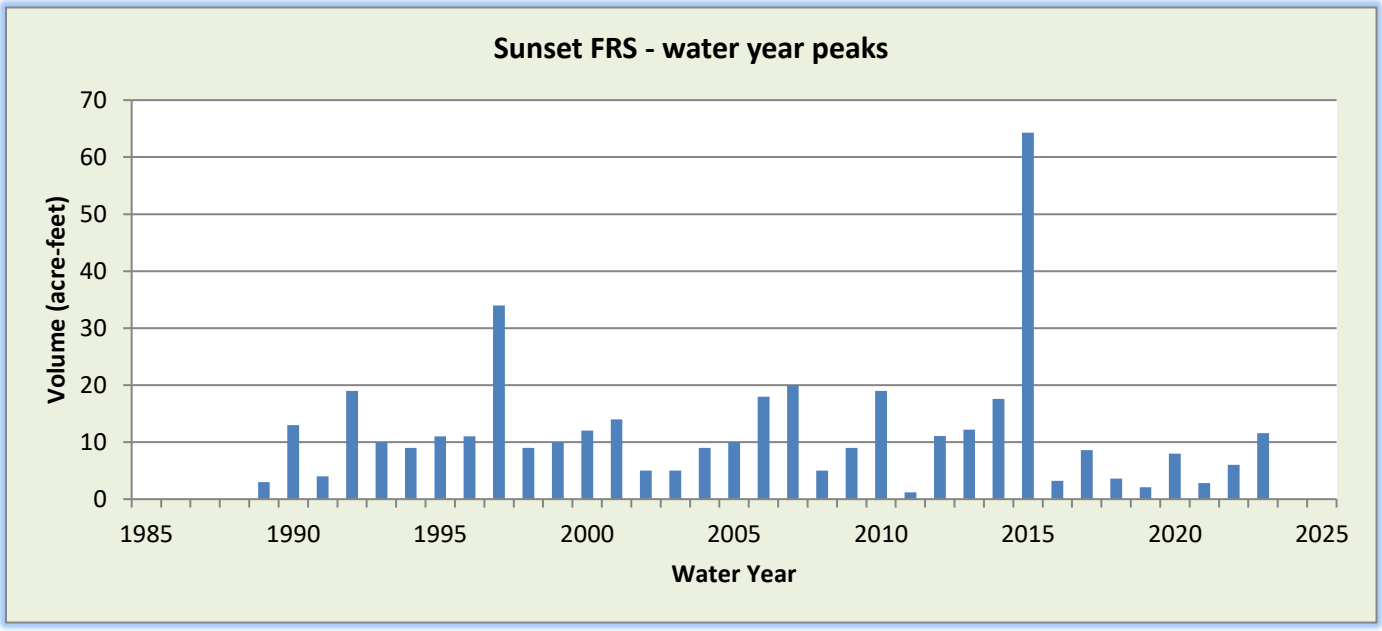


Site Data

LOCATION	In Wickenburg near US 60 and Mariposa Drive
DRAINAGE AREA	0.63 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
ARIZONA STATE PLANE	E 449756 | N 1079633
USGS QUAD SHEET	Wickenburg 7.5-Minute
STREAMGAGE INSTALLATION DATE	02/12/1989 - WY 1989
PERIOD OF AVAILABLE DATA RECORD	02/12/1989 - Current
LENGTH OF AVAILABLE DATA RECORD	34.63 Years | 12,649 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.10 feet Gage Height
STAFF GAGES	7
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	2,114.01 feet NAVD88
POINT OF ZERO FLOW (GATED 18-INCH ORIFICE)	0.0 feet Gage Height
POINT OF ZERO FLOW (UNGATED 9-INCH ORIFICE)	8.75 feet Gage Height
POINT OF ZERO FLOW (WEIR AT TOP OF TOWER)	19.75 feet Gage Height
SPILLWAY ELEVATION	18.85 feet Gage Height
TOP OF DAM ELEVATION	30.0 feet Gage Height

Watershed Map

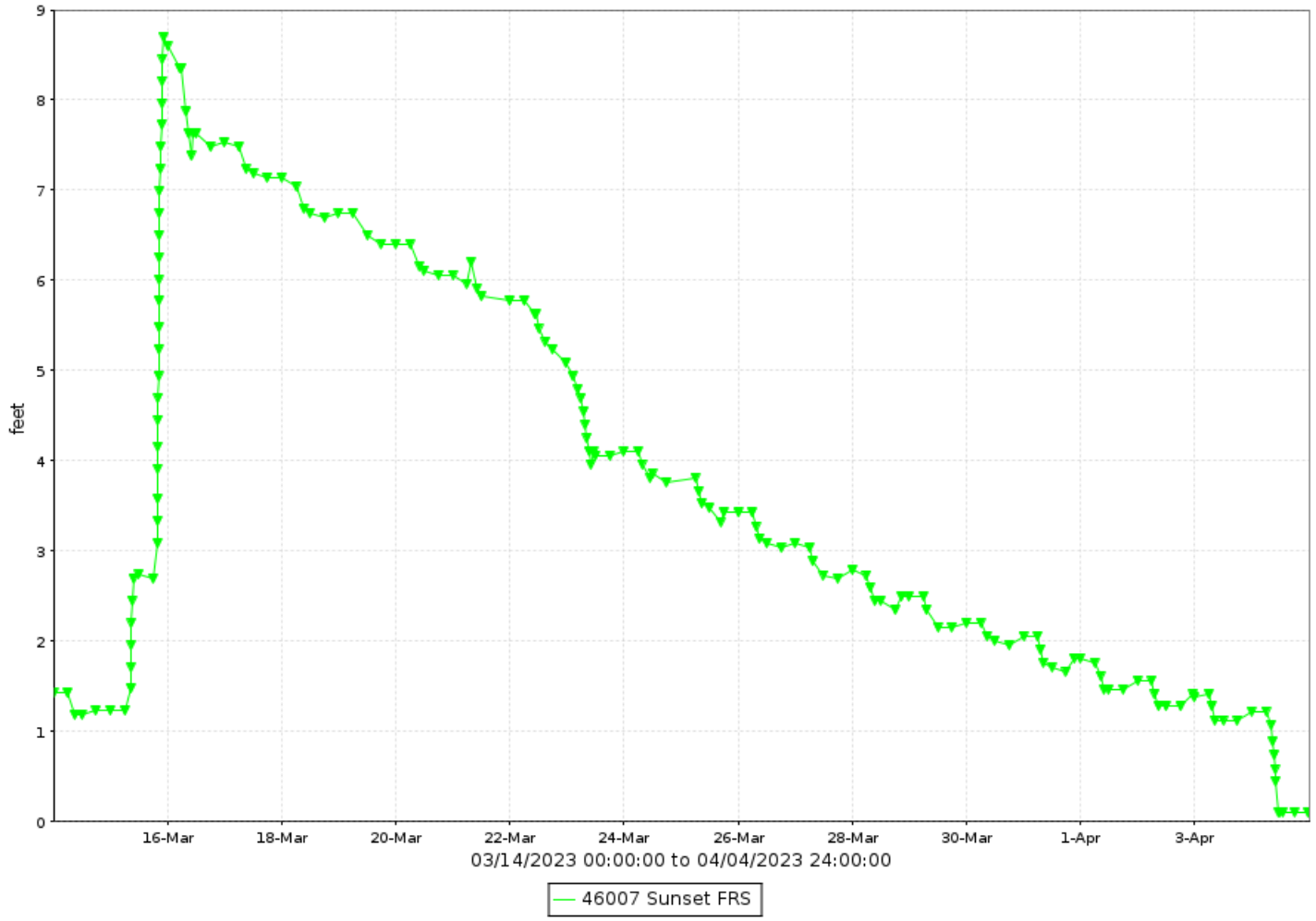




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
10/16	4.20	1.3	1.7
1/3	4.69	2.0	2.8
1/17	4.40	1.5	2.1
2/15	2.00	0.0	0.0
2/26	2.05	0.0	0.0
3/2	4.25	1.3	1.8
3/15	8.70	11.6	16.5
5/19	4.54	1.5	2.4
5/31	4.15	1.1	1.6
8/18	3.99	0.3	0.4
9/1	5.01	1.1	1.4

Hydrograph of peak 2023 impoundment event, 03/15/2023



Sunset FRS, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				16		10		---		---		
2				18		17		---		---		
3			1	10		17		---		---		
4			5	3		16		---		---		
5			3			15	---	---		---		
6			2			14	---	---		---		
7			1			14	---	---		---		
8			1			13	---	---		---		
9						12	---	---		---		
10						10	---	---		---		
11						7	---	---		---		
12						5	---	---				
13						3	---	---				
14				1	3		---	---	---			
15	6			16	10		---	---	---			
16	17			17	7		---	---	---			
17	9			18	5		---	---	---			
18	2			16	4		---	---	---			
19	1			6	3		---		---			
20					2		---	---	---			
21					1		---	---	---			---
22					1		---		---			---
23							---		---			---
24							---		---			---
25							---		---			---
26					9		---		---			---
27					8		---	---	---			---
28			15		6		---	---	---			---
29			17		---		---	---	---			---
30			16		---		---	---	---			---
31		---	15		---		---		---			---
TOTAL	35	0	75	121	59	154	0	0	0	0	0	0
MEAN	1	0	2	4	2	5	0	0	0	0	0	0
MAX	17	0	18	18	12	18	0	0	0	0	0	0
MIN	0	0	0	0	0	0	---	0	---	---	0	---
AC_FT	69	0	148	240	117	306	0	0	0	0	0	0

WTR YR 2023 TOTAL 443 MEAN 1 MAX 18 MIN --- AC_FT 880

Sunset FRS, volume data

Volume, in acre-feet, Water Year October 2022 to September 2023

Daily Mean Values

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

WTR YR 2023 MEAN 0 MAX 12 MIN 0

Sunset FRS, stage data

Depth, in feet, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.7	0.1	0.1	3.6	0.1	2.5	1.6	0.1	3.6	0.1	0.9	4.6
2	0.5	0.1	0.1	4.4	0.1	4.2	1.4	0.1	3.0	0.1	0.9	4.2
3	0.4	0.1	0.5	2.6	0.1	3.8	1.2	0.1	2.5	0.3	0.9	4.1
4	0.2	0.1	1.6	1.3	0.1	3.5	0.6	0.1	2.1	0.9	0.9	3.7
5	0.1	0.1	1.4	0.3	0.1	3.1	0.1	0.1	1.8	0.9	0.9	3.3
6	0.1	0.1	1.2	0.1	0.1	2.8	0.1	0.1	1.6	0.9	0.9	3.0
7	0.1	0.1	1.1	0.1	0.1	2.6	0.1	0.1	1.4	0.9	0.9	2.8
8	0.1	0.1	0.9	0.1	0.1	2.3	0.1	0.1	1.2	0.9	0.9	2.5
9	0.1	0.1	0.6	0.1	0.1	2.2	0.1	0.1	1.0	0.9	0.9	2.2
10	0.1	0.1	0.3	0.1	0.1	2.0	0.1	0.1	0.8	0.9	0.9	2.0
11	0.1	0.1	0.1	0.1	0.1	1.8	0.1	0.1	0.6	0.9	0.9	1.8
12	0.1	0.1	0.1	0.1	0.1	1.6	0.1	0.1	0.4	0.5	0.9	1.7
13	0.1	0.1	0.1	0.1	0.3	1.4	0.1	0.1	0.2	0.5	1.7	2.0
14	0.1	0.1	0.1	0.3	1.0	1.3	0.1	0.1	0.1	0.9	3.1	1.8
15	1.5	0.1	0.1	3.7	1.9	3.0	0.1	0.1	0.1	0.9	2.7	1.6
16	4.0	0.1	0.1	4.0	1.7	7.9	0.1	0.1	0.1	0.9	2.5	1.4
17	2.4	0.1	0.1	4.3	1.6	7.3	0.1	0.1	0.1	0.9	2.2	1.3
18	1.2	0.1	0.1	3.5	1.5	6.9	0.1	0.1	0.1	0.9	3.5	1.2
19	0.9	0.1	0.1	1.6	1.3	6.6	0.1	1.4	0.1	0.9	3.2	1.1
20	0.7	0.1	0.1	0.3	1.2	6.2	0.1	---	0.1	0.9	3.0	1.0
21	0.2	0.1	0.1	0.1	1.1	5.9	0.1	---	0.1	0.9	2.8	0.9
22	0.1	0.1	0.1	0.1	1.0	5.5	0.1	3.7	0.1	0.9	2.7	0.9
23	0.1	0.1	0.1	0.1	0.8	4.3	0.1	3.5	0.1	0.9	2.5	0.9
24	0.1	0.1	0.1	0.1	0.5	3.9	0.1	1.8	0.1	0.9	2.3	0.9
25	0.1	0.1	0.1	0.1	0.3	3.6	0.1	1.0	0.1	0.9	2.1	0.9
26	0.1	0.1	0.1	0.1	1.7	3.2	0.1	0.2	0.1	0.9	1.9	0.9
27	0.1	0.1	0.1	0.1	1.8	2.9	0.1	0.1	0.1	0.9	1.7	0.9
28	0.1	0.1	3.6	0.1	1.7	2.6	0.1	0.1	0.1	0.9	1.4	0.9
29	0.1	0.1	3.8	0.1	---	2.3	0.1	0.1	0.1	0.9	1.2	0.9
30	0.1	0.1	3.4	0.1	---	2.1	0.1	0.1	0.1	0.9	1.0	0.9
31	0.1	---	3.0	0.1	---	1.8	---	2.2	---	0.9	0.9	---
MEAN	0.5	0.1	0.8	1.0	0.7	3.6	0.2	0.8	0.7	0.8	1.7	1.9
MAX	4.2	0.1	4.3	4.7	2.0	8.7	1.8	4.5	3.8	0.9	4.0	5.0
MIN	0.1	0.1	0.1	0.1	0.1	1.2	0.1	0.1	0.1	0.1	0.9	0.9

WTR YR 2023 MEAN 1.07 MAX 8.70 MIN 0.10

Sycamore Creek Fire, ID #81807(transducer), 81813(radar)

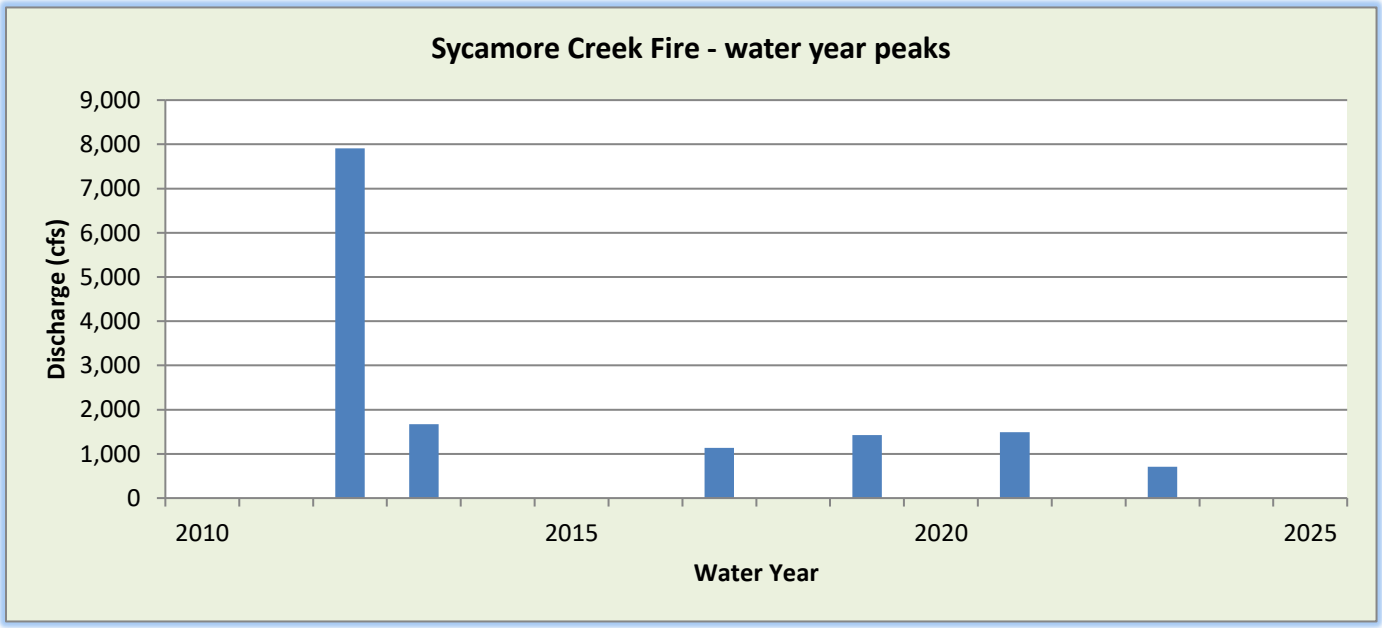


Site Data

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
ARIZONA STATE PLANE	E 832620 | N 1064920
USGS QUAD SHEET	Reno Pass 7.5-Minute
STREAMGAGE INSTALLATION DATE	06/26/2012 - WY 2012
PERIOD OF AVAILABLE DATA RECORD	06/26/2012 - Current
LENGTH OF AVAILABLE DATA RECORD	11.26 Years | 4,114 Days
GAPS IN RECORD	12/26/2021 – 01/17/2022
STAGE GAGE TYPE	Status Sensor, RADAR Sensor, Pressure Transducer
STATUS SENSOR (81809) ELEVATION	2.60 feet Gage Height
RADAR GAGE (81813) GROUND ELEVATION BELOW SENSOR	2.5 feet Gage Height
TRANSDUCER GAGE (81807) ELEVATION	3.10 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	3,783.674 feet NAVD88
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





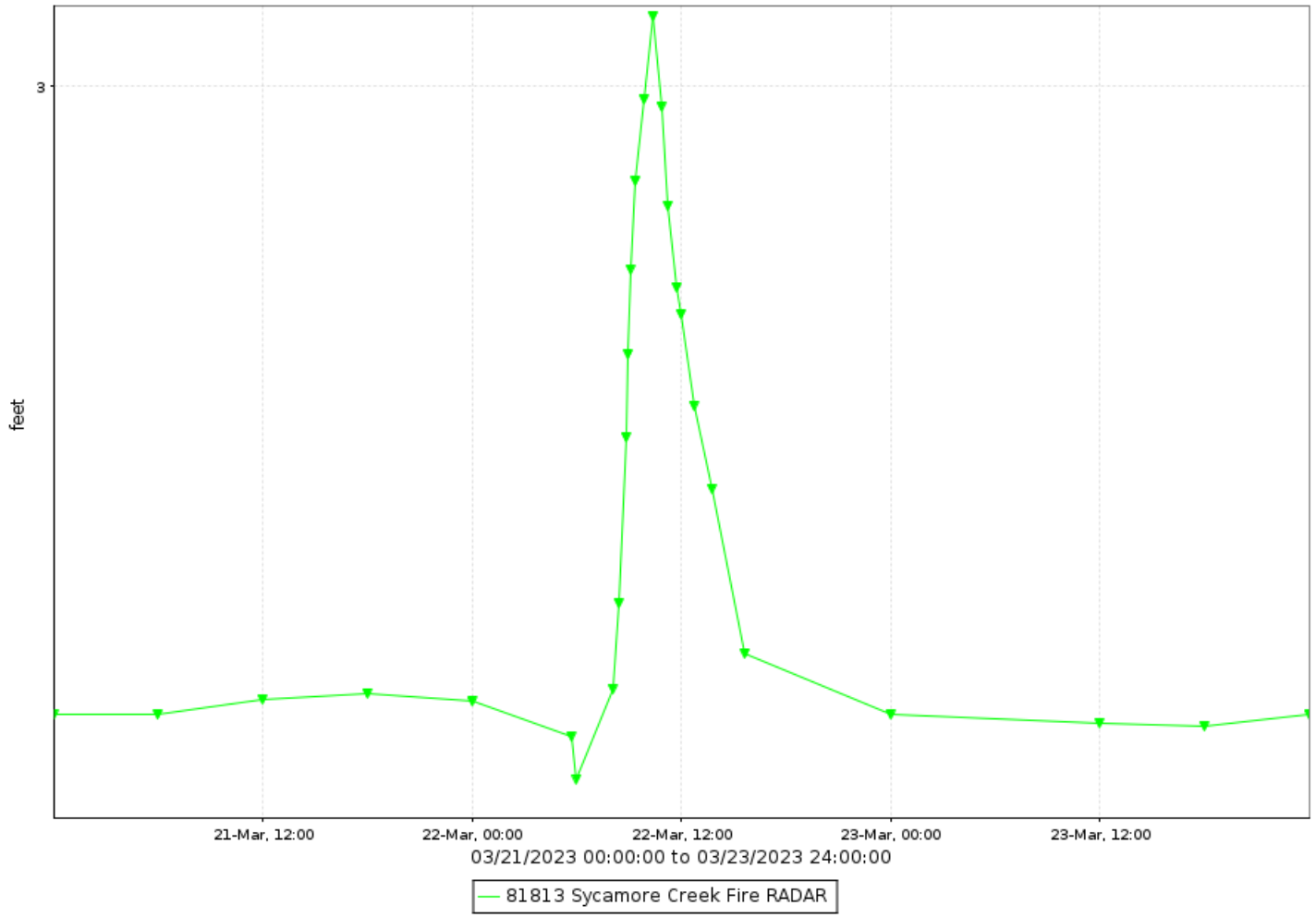
WY2023 Events Pressure Transducer

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
n*one*		

WY2023 Events Radar

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
3/1	2.92	629
3/22	3.09	706

Hydrograph of peak WY 2023 flow event, 03/22/2023



Sycamore Creek Fire (Transducer Gage), runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

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 2023 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

Sycamore Creek Fire (RADAR Gage), runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1								---				
2						44		---				
3								---				
4								---				
5								---				
6								---				
7								---				
8								---				
9								---				
10								---				
11								---				
12								---				
13								---				
14								---				
15								---				
16								---				
17								---				
18								---				
19								---				
20								---				
21								---				
22						93		---				
23												
24												
25												
26												
27												
28							---					
29					---		---					
30					---		---					
31		---			---		---		---			---
TOTAL	0	0	0	0	0	137	0	0	0	0	0	0
MEAN	0	0	0	0	0	4	0	0	0	0	0	0
MAX	0	0	0	0	0	706	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	272	0	0	0	0	0	0

WTR YR 2023 TOTAL 137 MEAN 0 MAX 706 MIN 0 AC_FT 272

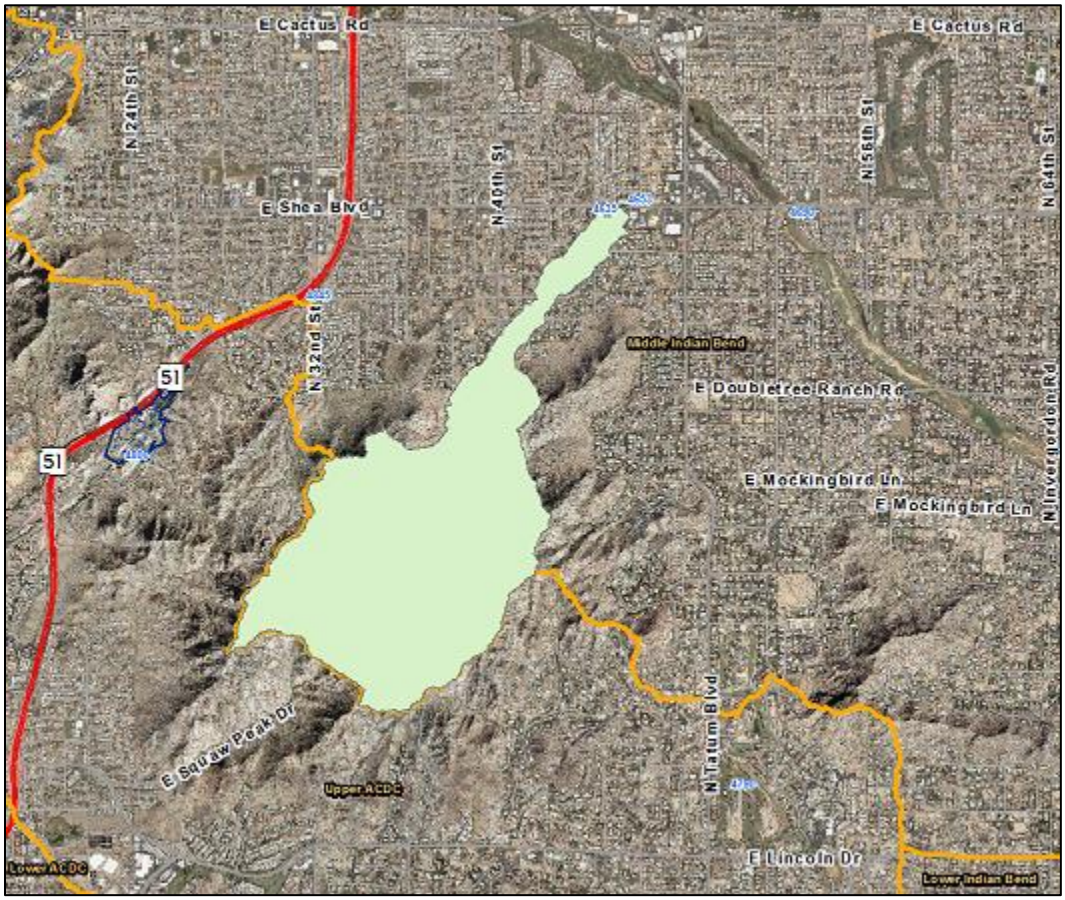
Tatum Wash Basin Inflow, ID #58007

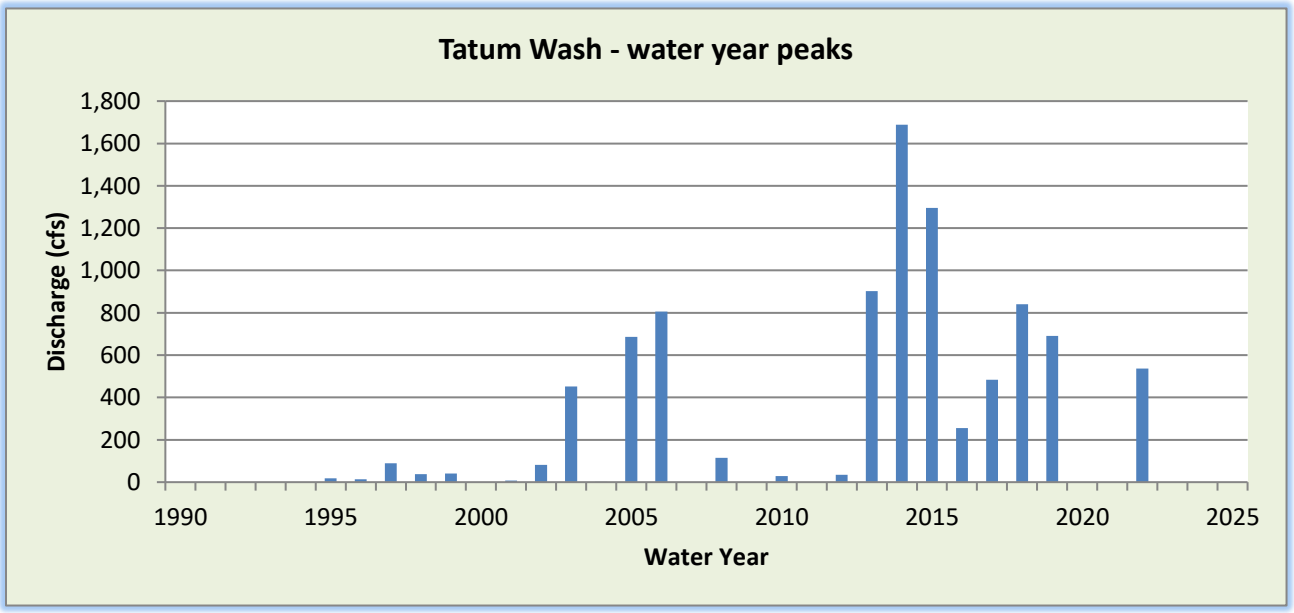


Site Data

LOCATION	Located near Shea Boulevard and 44th Street
DRAINAGE AREA	2.0 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
ARIZONA STATE PLANE	E 679334 | N 939188
USGS QUAD SHEET	Paradise Valley 7.5-Minute
STREAMGAGE INSTALLATION DATE	06/03/1994 - WY 1994
PERIOD OF AVAILABLE DATA RECORD	06/03/1994 - Current
LENGTH OF AVAILABLE DATA RECORD	29.33 Years | 10,712 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.10 feet Gage Height
STAFF GAGES	1
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,400.203 feet NAVD88
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





WY2023 Events

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

Hydrograph of peak WY 2023 flow event

No runoff recorded during Water Year 2023.

Tatum Basin Inflow, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

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 2023 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

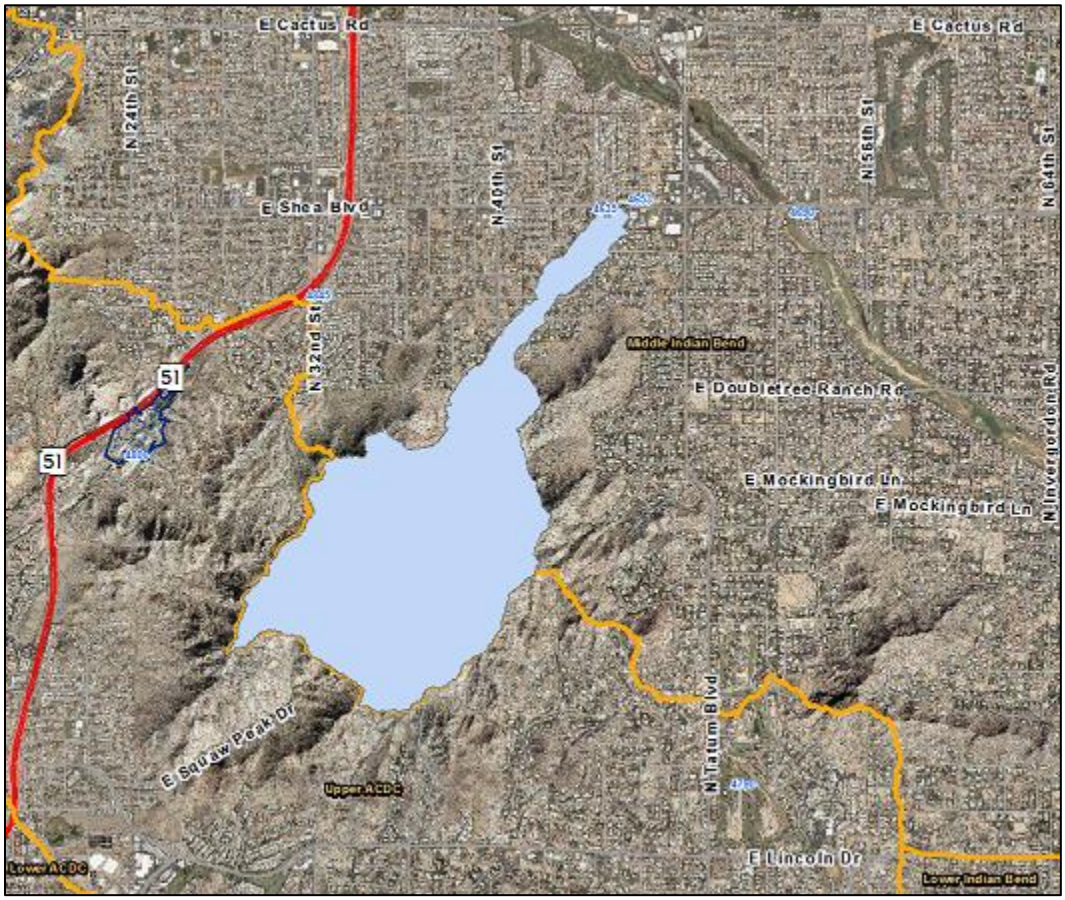
Tatum Wash Basin, ID #58507

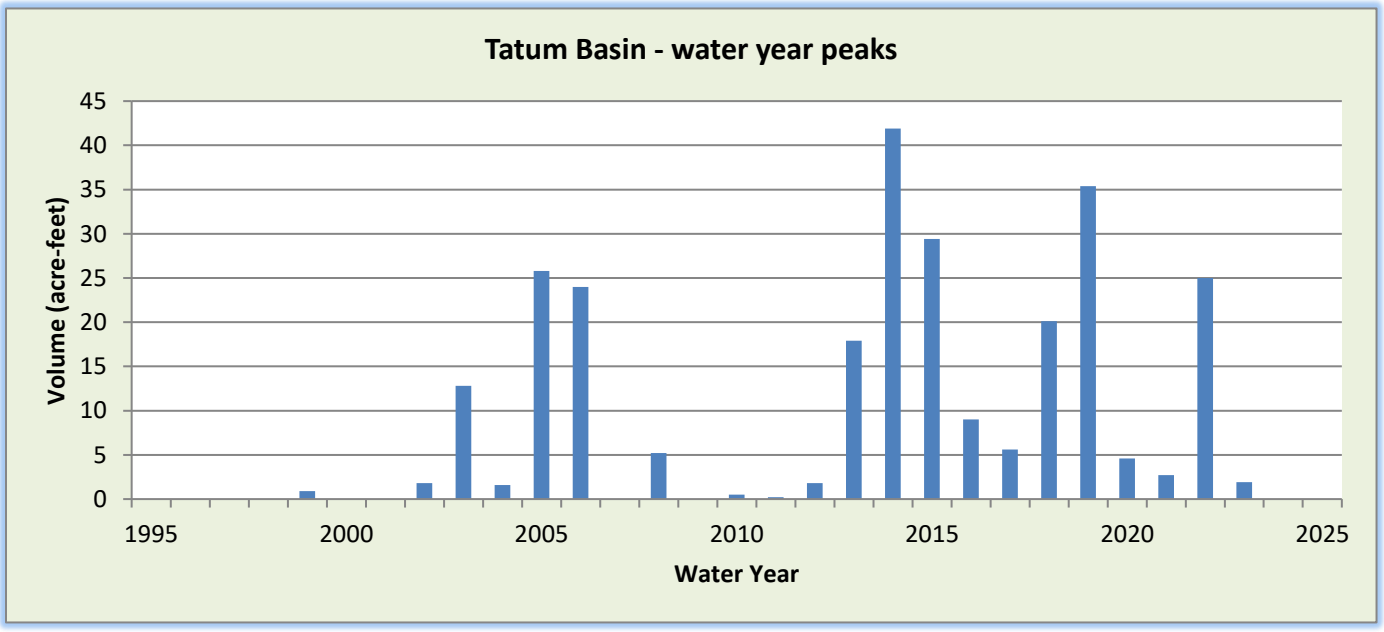


Site Data

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
ARIZONA STATE PLANE	E 679555 | N 939459
USGS QUAD SHEET	Paradise Valley 7.5-Minute
STREAMGAGE INSTALLATION DATE	05/08/1998 - WY 1998
PERIOD OF AVAILABLE DATA RECORD	05/08/1998 - Current
LENGTH OF AVAILABLE DATA RECORD	25.40 Years | 9,277 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.05 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,383.266 feet NAVD88
POINT OF ZERO FLOW (LOWER FLAP-GATE)	0.50 feet Gage Height
POINT OF ZERO FLOW (UPPER FLAP-GATE)	4.50 feet Gage Height
POINT OF ZERO FLOW (UNCONTROLLED INLET TOWER)	11.60 feet Gage Height
SPILLWAY CREST ELEVATION	12.60 feet Gage Height
TOP OF BASIN ELEVATION	13.60 feet Gage Height

Watershed Map

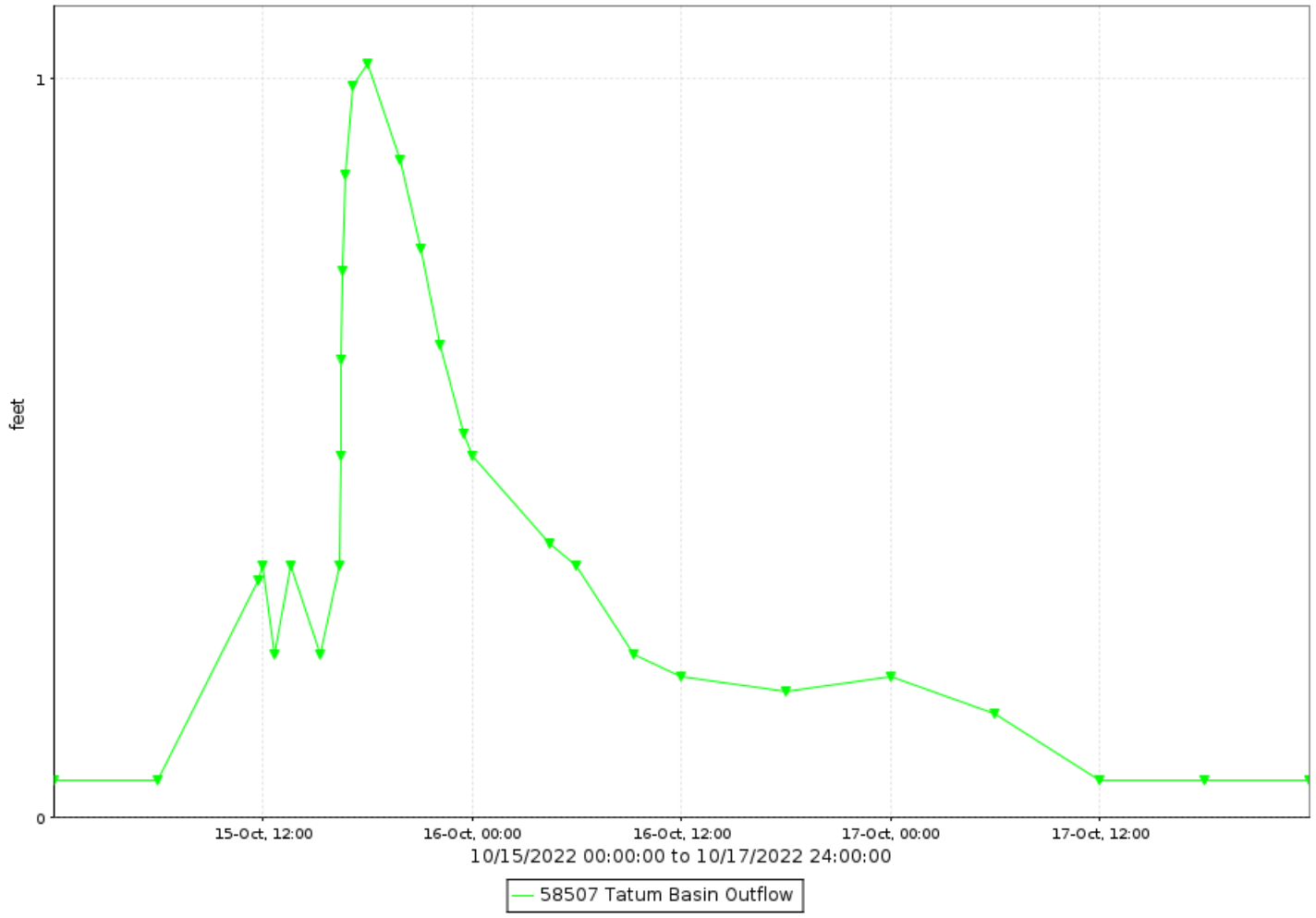




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
10/15	1.02	1.9	5.6
12/4	0.47	0.7	2.2
12/12	0.54	0.9	2.6
12/28	0.74	1.3	3.9

Hydrograph of peak 2023 impoundment event, 10/15/2022



Tatum Wash Basin, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

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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18												
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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 2023 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

Tatum Wash Basin, volume data

Volume, in acre feet, Water Year October 2022 to September 2023

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												
10												
11												
12			1									
13			1									
14												
15	1											
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28			1									
29			1		---							
30					---							
31		---			---		---		---			---
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	2	0	1	0	0	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 2023 MEAN 0 MAX 2 MIN 0

Tatum Wash Basin, stage data

Depth, in feet, Water Year October 2022 to September 2023

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	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
4	0.1	0.1	0.4	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
5	0.1	0.1	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
6	0.1	0.1	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
7	0.1	0.1	0.3	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	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
12	0.1	0.1	0.4	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
13	0.1	0.1	0.4	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
14	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
15	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
16	0.3	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	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
29	0.1	0.1	0.3	0.1	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1
30	0.1	0.1	0.1	0.1	---	0.1	0.1	0.1	0.1	0.1	0.1	0.1
31	0.1	---	0.1	0.1	---	0.1	---	0.1	---	0.1	0.1	---
MEAN	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
MAX	1.0	0.1	0.7	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
MIN	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

WTR YR 2023 MEAN 0.06 MAX 1.02 MIN 0.05

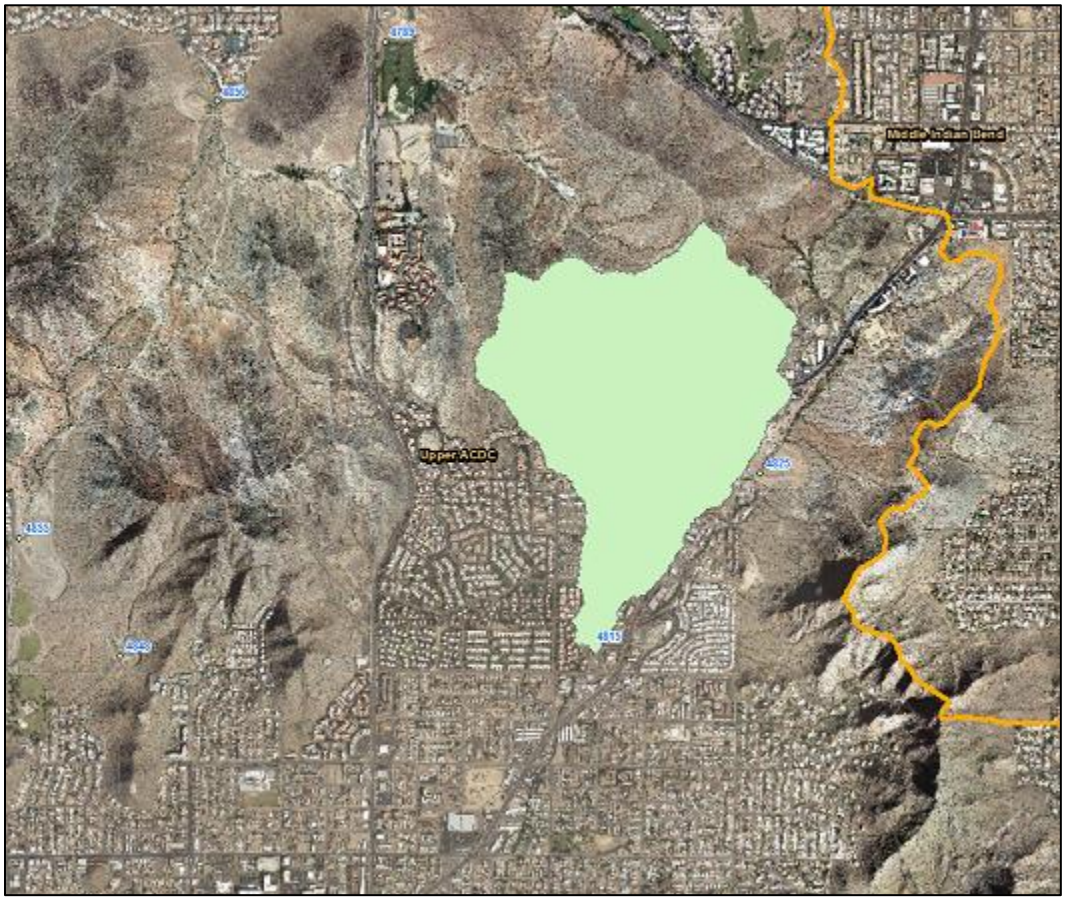
Tenth Street Wash Basin #1, ID #11007

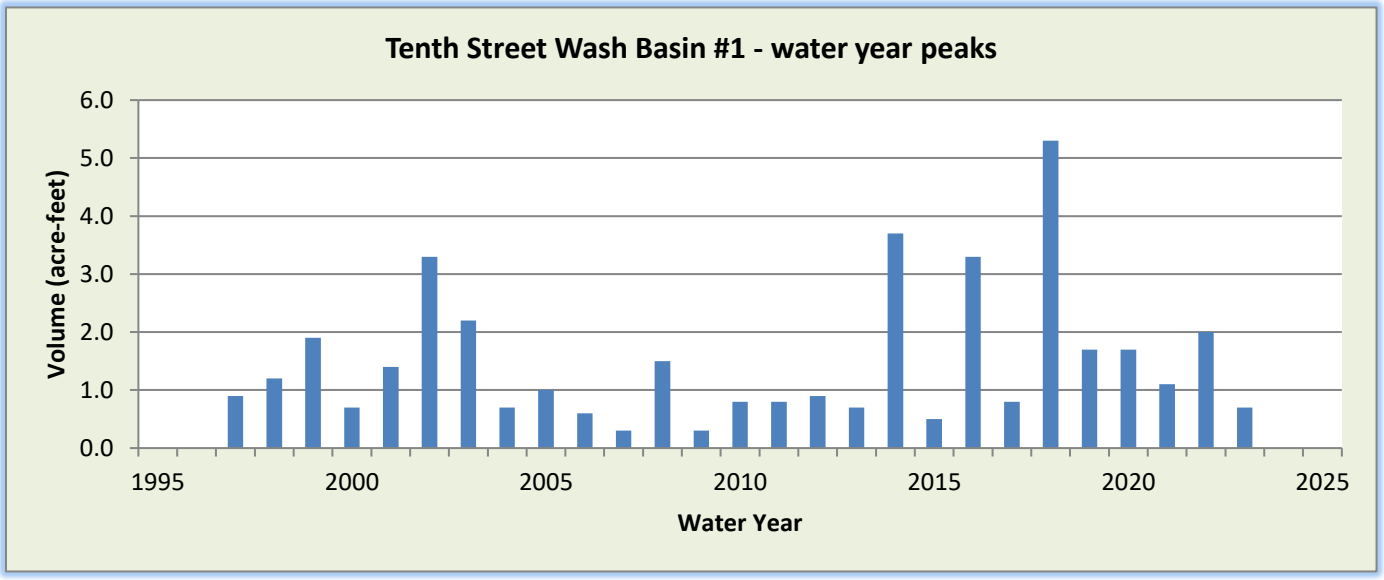


Site Data

LOCATION	Near Cave Creek Road and Peoria Avenue
DRAINAGE AREA	0.55 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
ARIZONA STATE PLANE	E 657933 | N 938469
USGS QUAD SHEET	Sunnyslope 7.5-Minute
STREAMGAGE INSTALLATION DATE	11/26/1996 - WY 1997
PERIOD OF AVAILABLE DATA RECORD	11/26/1996 - Current
LENGTH OF AVAILABLE DATA RECORD	26.84 Years | 9,805 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.33 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,308.78 feet NAVD88
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

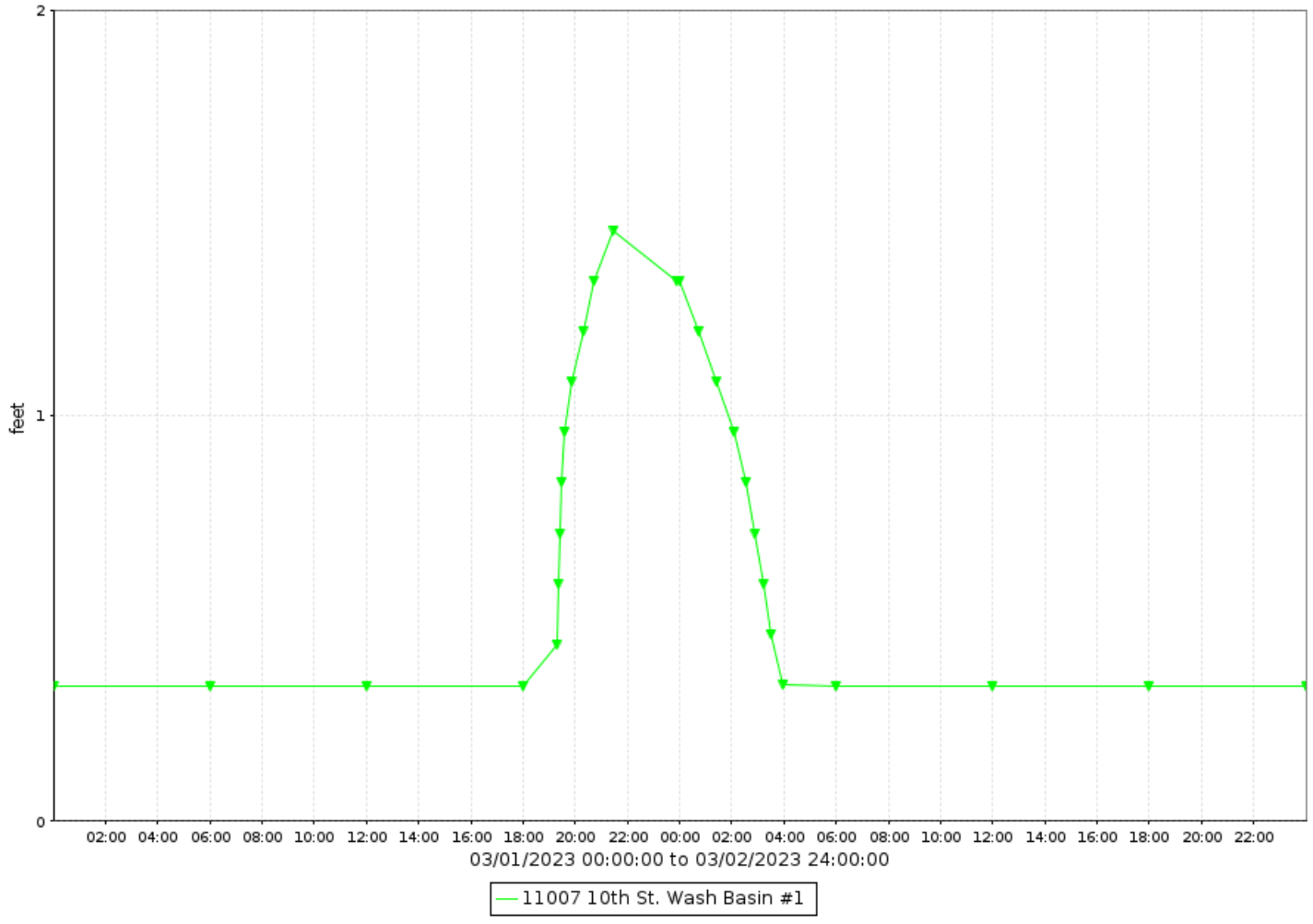




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
10/15	0.68	0.2	1.1
12/28	1.18	0.5	2.4
1/1	1.18	0.5	2.4
3/1	1.46	0.7	3.4
8/31	1.08	0.4	1.9

Hydrograph of peak 2023 impoundment event, 03/01/2023



Tenth Street Wash Basin #1, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

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

WTR YR 2023 TOTAL 5 MEAN 0 MAX 9 MIN 0 AC_FT 9

Tenth Street Wash Basin #1, volume data

Volume, in acre-feet, Water Year October 2022 to September 2023

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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28												
29					---							
30					---							
31		---			---		---		---			---
MEAN	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
MIN	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 2023 MEAN 0 MAX 1 MIN 0

Tenth Street Wash Basin #1, stage data

Depth, in feet, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.3	0.3	0.3	0.5	0.3	0.5	0.3	0.3	0.3	0.3	0.3	0.4
2	0.3	0.3	0.3	0.3	0.3	0.4	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	0.4	0.3	0.3	0.3	0.3	0.4	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	0.5	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	0.4	---
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	0.7	0.3	1.2	1.2	0.3	1.5	0.3	0.3	0.3	0.3	1.1	0.8
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 2023 MEAN 0.33 MAX 1.46 MIN 0.33

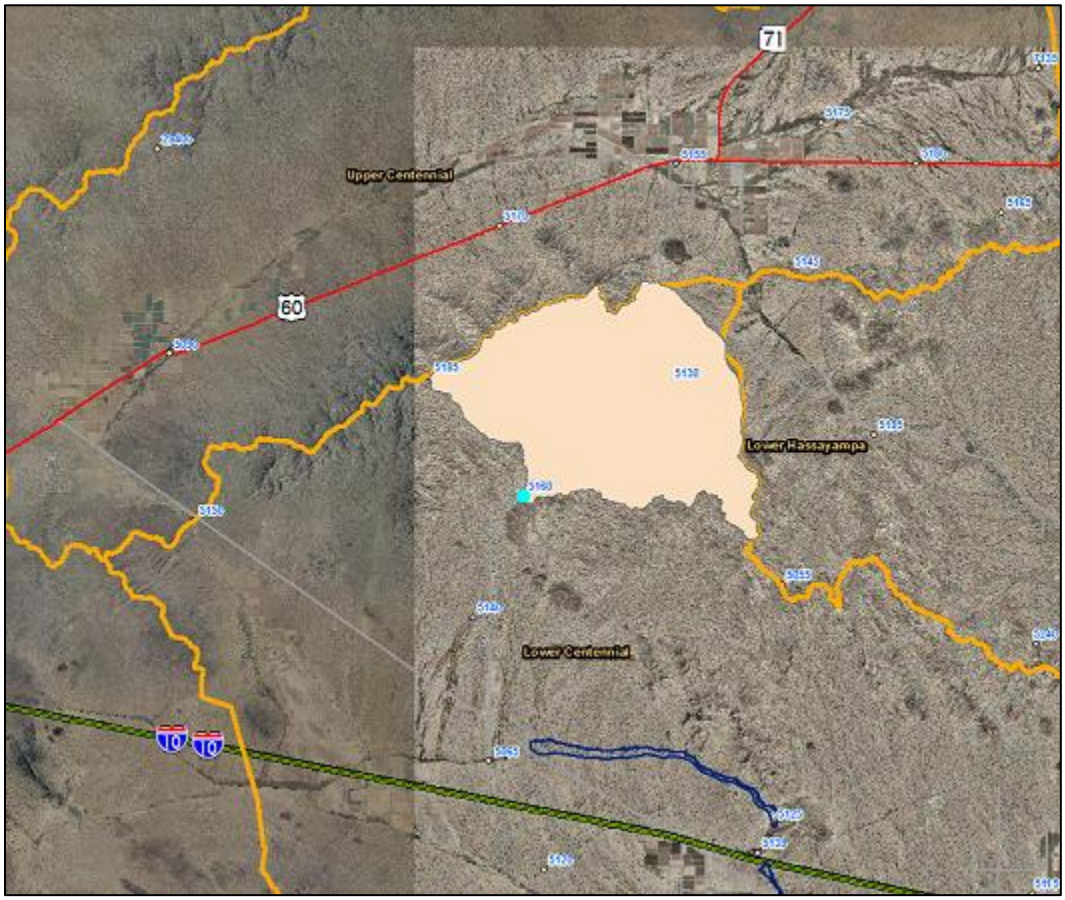
Tiger Wash, ID #27007

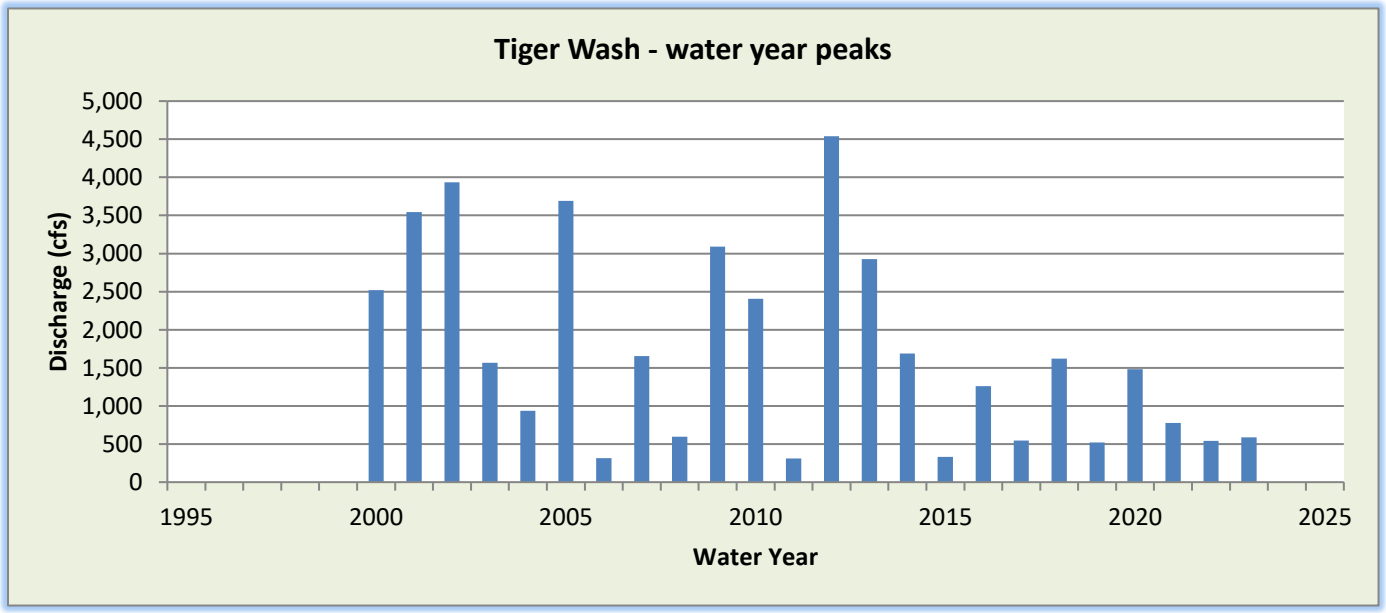


Site Data

LOCATION	Near Eagle Eye Road about 10 miles north of Salome Road
DRAINAGE AREA	84.7 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
ARIZONA STATE PLANE	E 285979 | N 1000163
USGS QUAD SHEET	Weldon Hill 7.5-Minute
STREAMGAGE INSTALLATION DATE	09/15/1999 - WY 1999
PERIOD OF AVAILABLE DATA RECORD	09/15/1999 - Current
LENGTH OF AVAILABLE DATA RECORD	24.04 Years | 8,782 Days
GAPS IN RECORD	05/11/2023 - 09/07/2023
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	4.73 feet Gage Height
STAFF GAGES	None
CREST STAGE GAGES	6 (Continuous Slope Area type)
ZERO GAGE HEIGHT ELEVATION	1,866.15 feet NAVD88
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

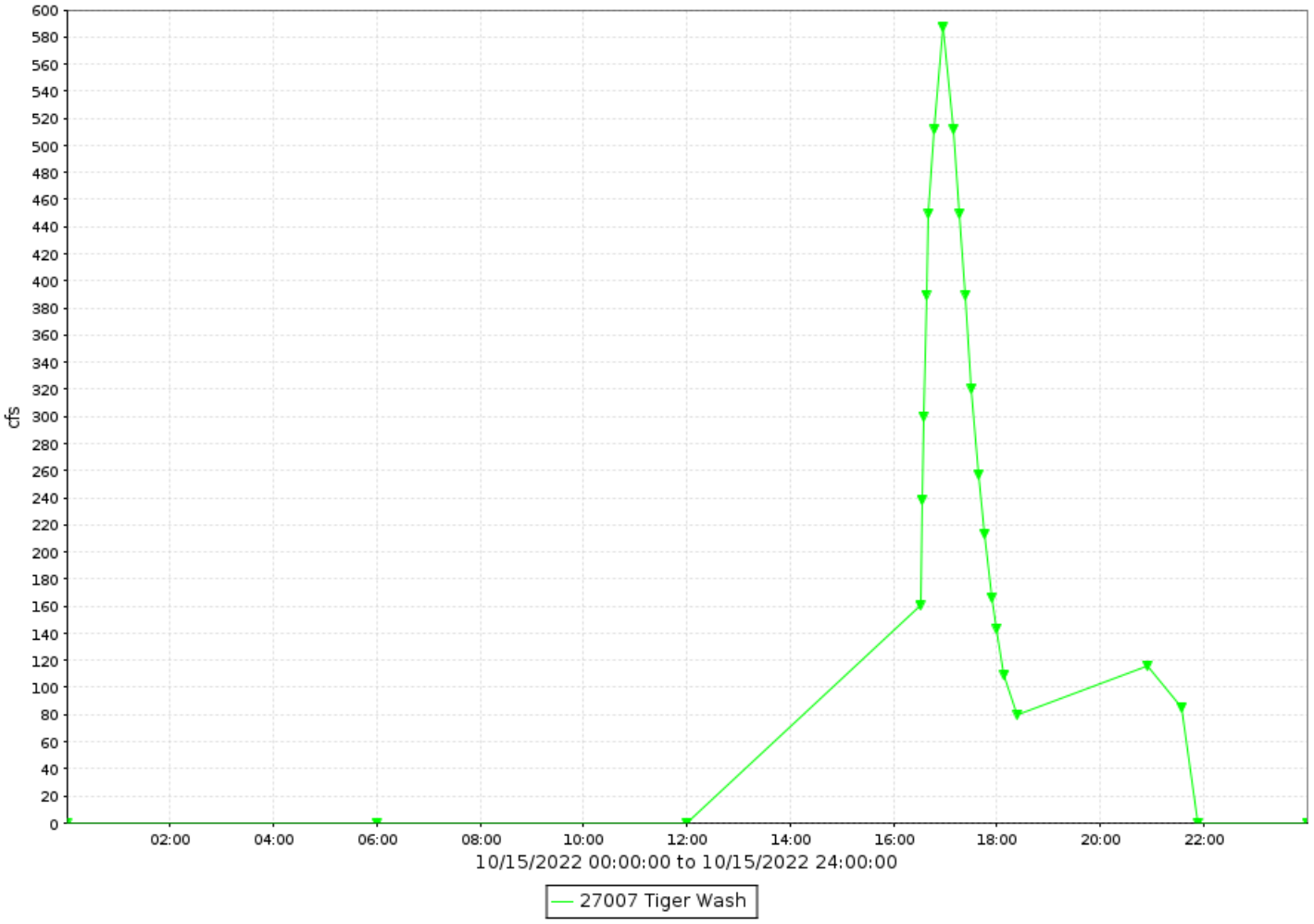




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
10/15	6.06	587

Hydrograph of peak WY 2023 flow event, 10/15/2022



Tiger Wash, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

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	39							---	---	---	---	
16					---			---	---	---	---	
17					---			---	---	---	---	
18					---			---	---	---	---	
19					---			---	---	---	---	
20					---			---	---	---	---	
21								---	---	---	---	
22								---	---	---	---	
23								---	---	---	---	
24								---	---	---	---	
25								---	---	---	---	
26						---		---	---	---	---	
27						---		---	---	---	---	
28						---		---	---	---	---	
29					---	---		---	---	---	---	
30					---	---		---	---	---	---	
31		---			---	---	---	---	---	---	---	---
TOTAL	39	0	0	0	0	0	0	0	---	---	---	0
MEAN	1	0	0	0	0	0	0	0	---	---	---	0
MAX	587	0	0	0	0	0	0	0	---	---	---	0
MIN	0	0	0	0	0	0	0	0	---	---	---	0
AC_FT	77	0	0	0	0	0	0	0	---	---	---	0

WTR YR 2023 TOTAL 39 MEAN 0 MAX 587 MIN 0 AC_FT 77

*The gage was down from May 11th to September 7th due to Vandalism. No runoff event occurred during that time.

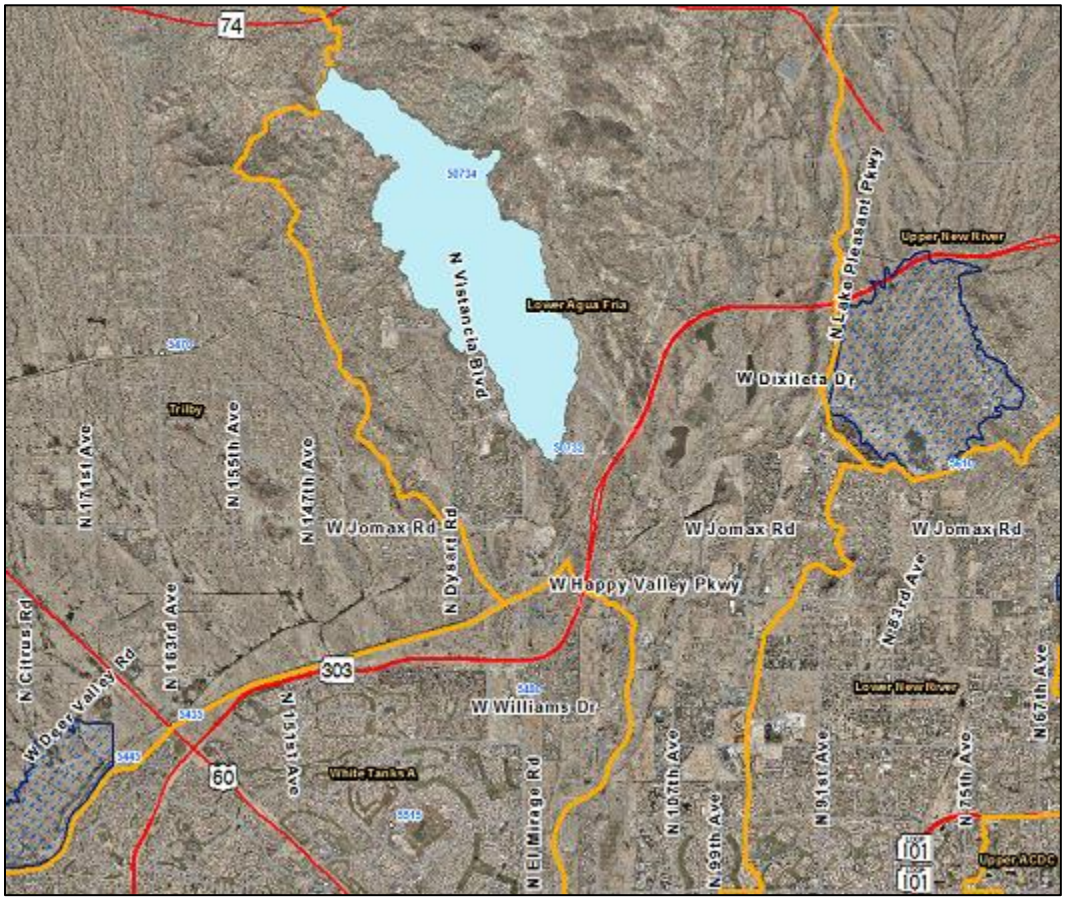
Twin Buttes Wash, ID #73207

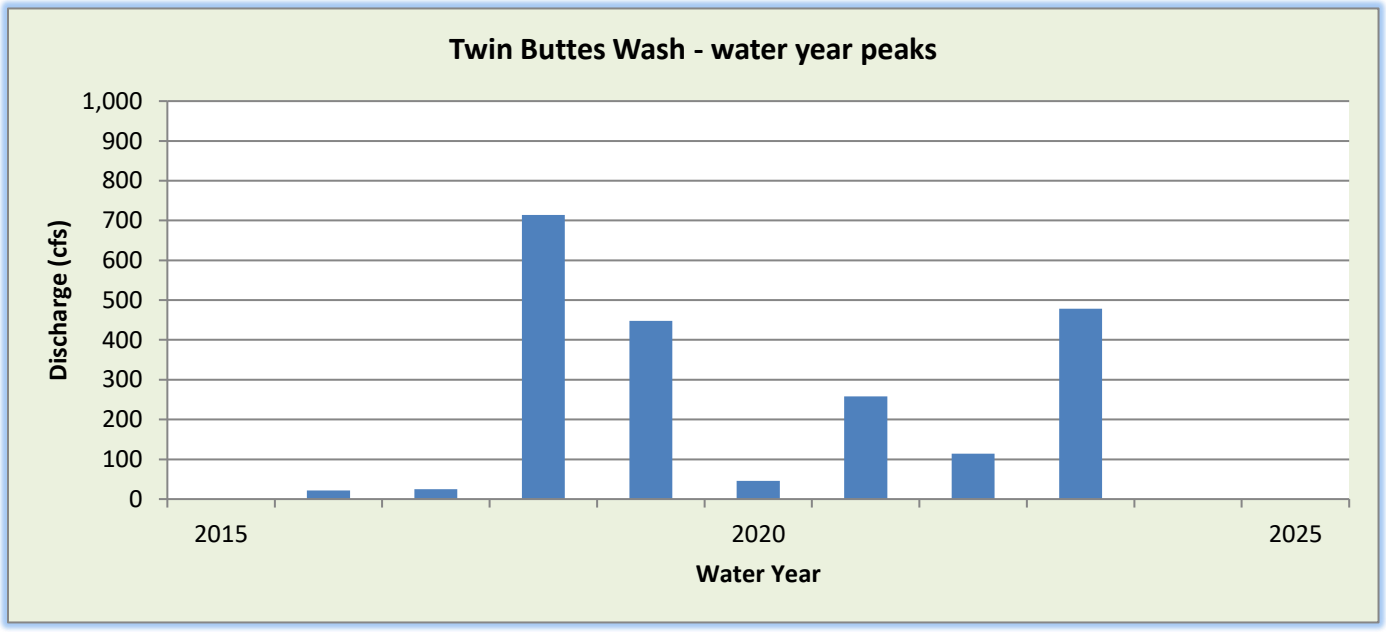


Site Data

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
ARIZONA STATE PLANE	E 577520 | N 996450
USGS QUAD SHEET	Calderwood Butte 7.5-Minute
STREAMGAGE INSTALLATION DATE	10/29/2015 - WY 2016
PERIOD OF AVAILABLE DATA RECORD	12/09/2015 - Current
LENGTH OF AVAILABLE DATA RECORD	7.81 Years | 2,853 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.75 feet Gage Height
STAFF GAGES	None
CREST STAGE GAGES	None
ZERO GAGE HEIGHT ELEVATION	1,346.359 feet NAVD88
POINT OF ZERO FLOW	0.2 feet Gage Height
EXTREME FOR PERIOD OF RECORD	714 CFS | 3.93 FEET GH | 08/12/2018

Watershed Map

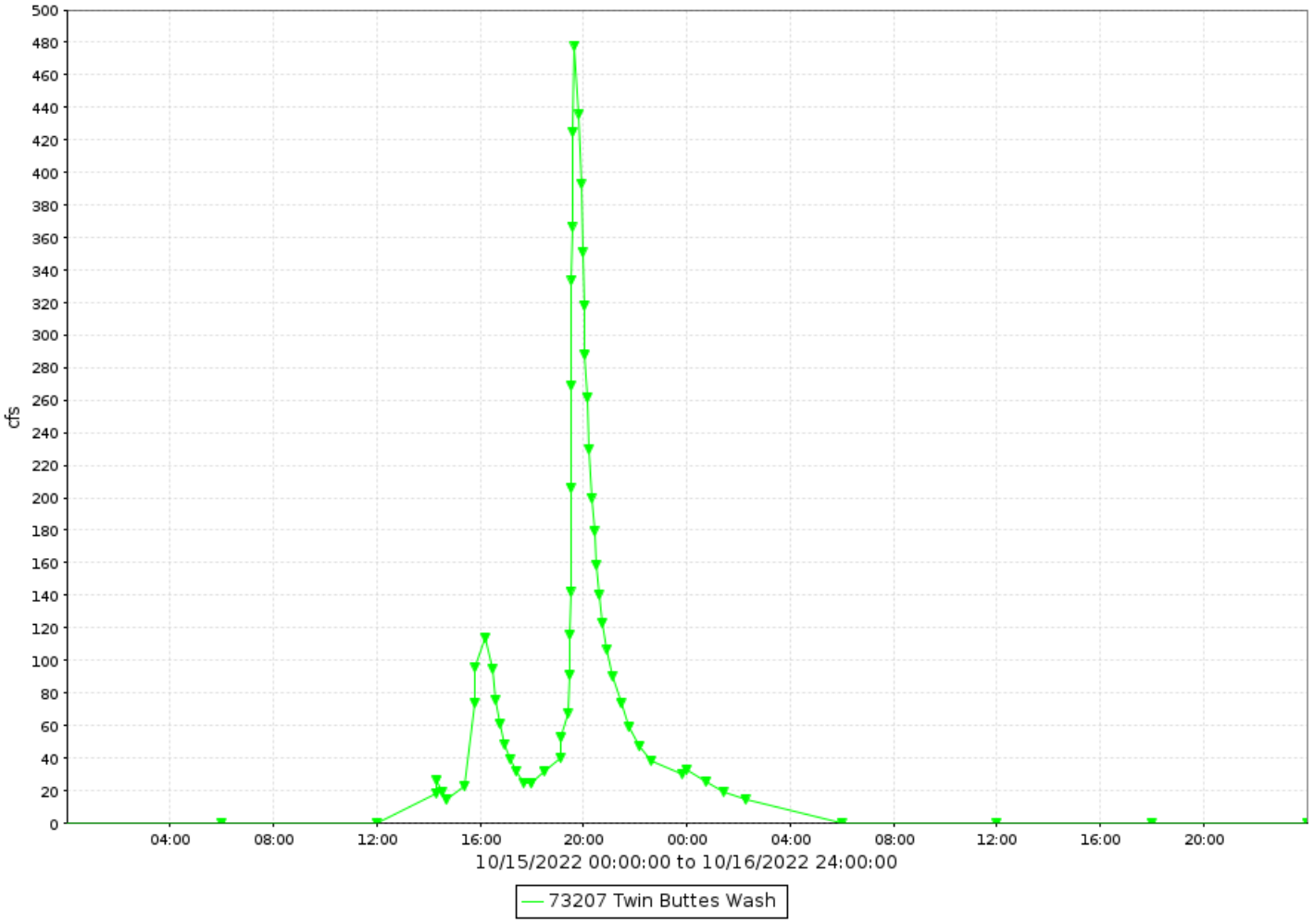




WY2023 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
10/15	3.27	478
3/22	1.07	29

Hydrograph of peak WY 2023 flow event, 10/15/2022



Twin Buttes Wash, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

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	32											
16	5											
17												
18												
19												
20												
21												
22						4						
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	37	0	0	0	0	4	0	0	0	0	0	0
MEAN	1	0	0	0	0	0	0	0	0	0	0	0
MAX	478	0	0	0	0	29	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	73	0	0	0	0	8	0	0	0	0	0	0

WTR YR 2023 TOTAL 41 MEAN 0 MAX 478 MIN 0 AC_FT 81

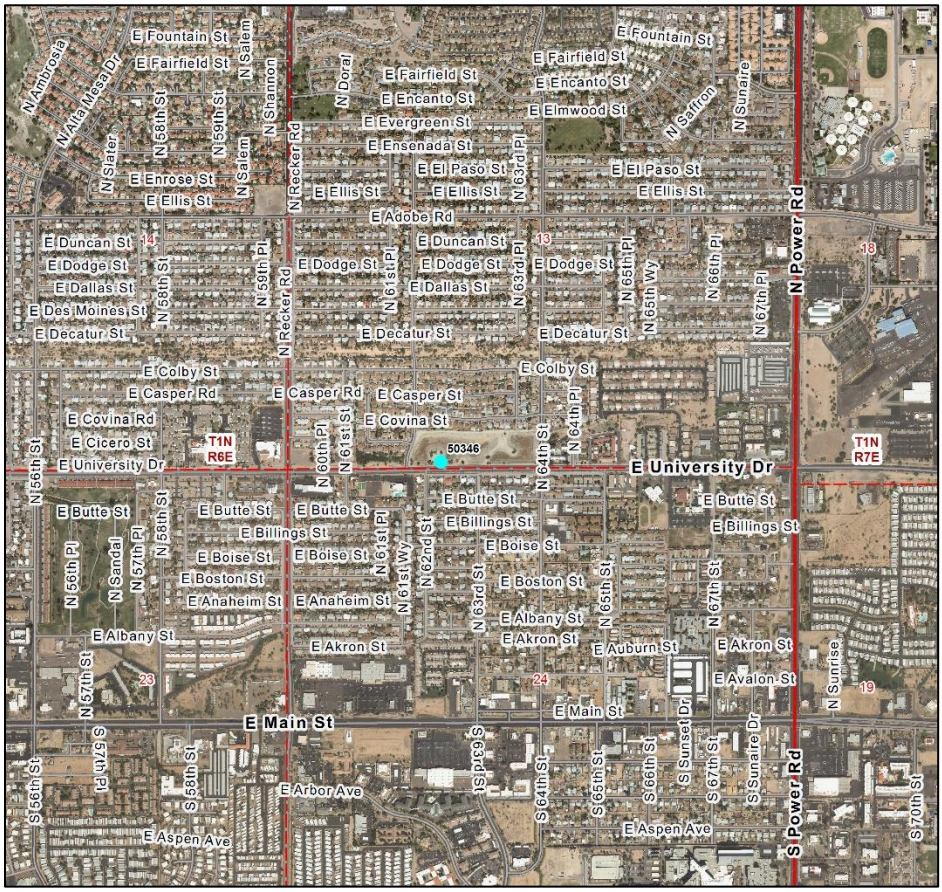
University Drive at 62nd Street Basin, ID #34607

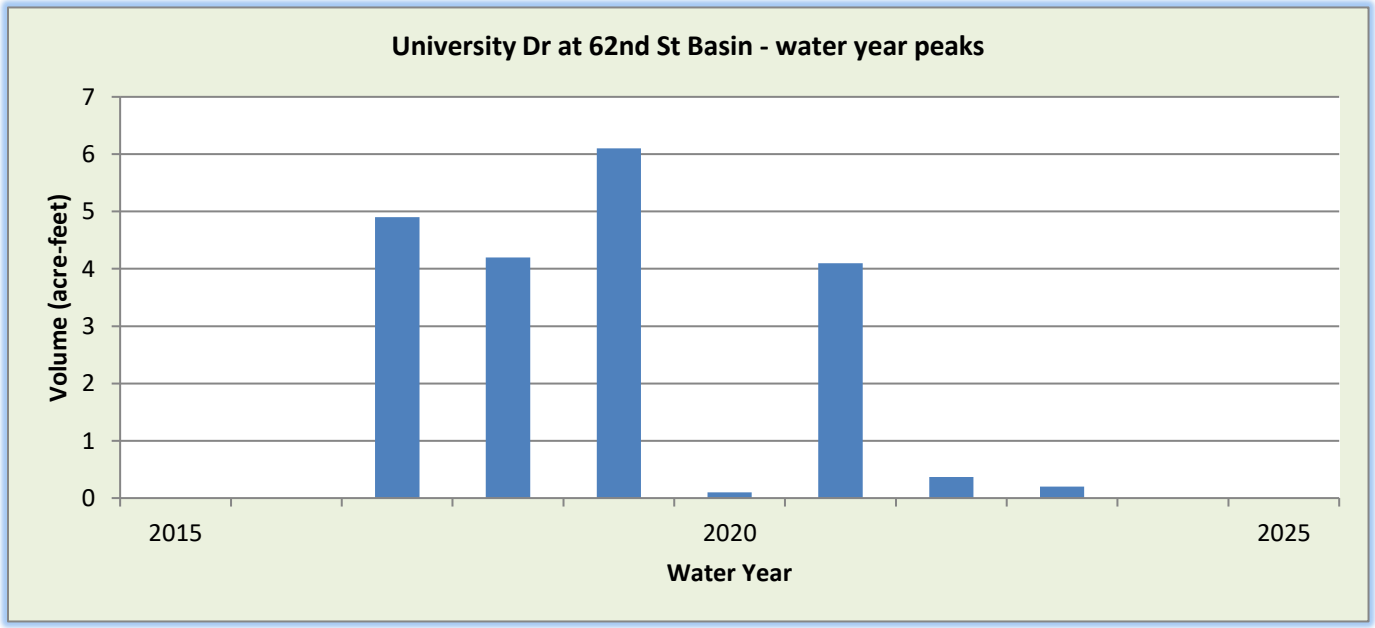


Site Data

LOCATION	Located on the northeast corner of University Drive and 62nd Street
DRAINAGE AREA	Undetermined
STREAM TYPE	Flood control basin
JURISDICTION	Maricopa County, Arizona
WATERSHED	Upper EMF
SECTION/TOWNSHIP/RANGE	S13 T1N R6E
LATITUDE	N 33° 25' 23.6" | +33.42321
LONGITUDE	W 111° 41' 47.3" | -111.69647
ARIZONA STATE PLANE	E 767185 | N 881575
USGS QUAD SHEET	Buckhorn 7.5-Minute
STREAMGAGE INSTALLATION DATE	12/22/2016 - WY 2017
PERIOD OF AVAILABLE DATA RECORD	12/22/2016 - Current
LENGTH OF AVAILABLE DATA RECORD	6.77 Years | 2,474 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.25 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,392.00 feet NAVD88
POINT OF ZERO FLOW	0.20 feet Gage Height
SPILLWAY CREST ELEVATION	12.0
TOP OF BASIN ELEVATION	12.5 feet Gage Height

Location Map

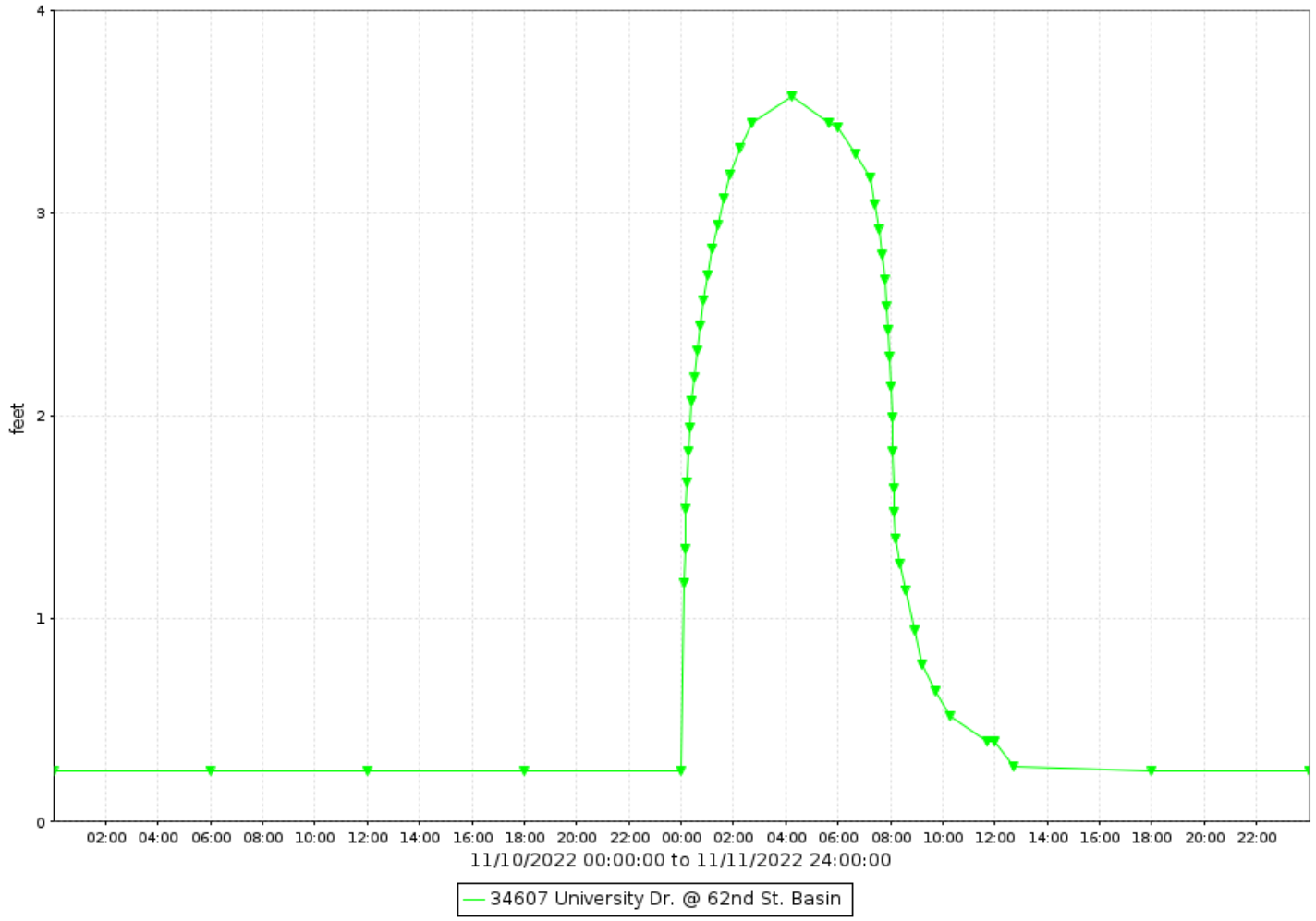




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
10/15	3.37	0.1	0.6
11/11	3.57	0.2	0.7
1/1	2.82	0.1	0.3
1/16	0.97	0.0	0.0
2/14	2.47	0.0	0.2
2/22	1.10	0.0	0.0
3/2	2.57	0.1	0.3
3/15	3.56	0.2	0.7
5/10	1.99	0.0	0.1
8/17	1.15	0.0	0.0
9/1	1.31	0.0	0.0

Hydrograph of peak 2023 impoundment event, 11/11/2022



University Drive at 62nd Street Basin, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

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

WTR YR 2023 TOTAL 9 MEAN 0 MAX 4 MIN 0 AC_FT 18

University Drive at 62nd Street Basin, volume data

Volume, in acre-feet, Water Year October 2022 to September 2023

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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19												
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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 2023 MEAN 0 MAX 0 MIN 0

University Drive at 62nd Street Basin, stage data

Depth, in feet, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.2	0.2	0.2	1.0	0.2	0.5	0.2	0.2	0.2	0.2	0.2	0.3
2	0.2	0.2	0.2	0.3	0.2	0.6	0.2	0.2	0.2	0.2	0.2	0.2
3	0.2	0.2	0.6	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
4	0.2	0.2	0.9	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	0.5	0.2	0.2	0.2	0.2
11	0.2	1.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
12	0.2	0.2	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	0.4
14	0.2	0.2	0.2	0.2	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.2
15	1.0	0.2	0.2	0.2	0.4	0.5	0.2	0.2	0.2	0.2	0.2	0.2
16	0.3	0.2	0.2	0.4	0.2	1.4	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	0.3	0.2
18	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	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	0.4	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	0.4	0.2	0.2	0.2	0.2	0.3	0.2	0.2
27	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.3	0.2	0.2
28	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
29	0.2	0.2	0.2	0.2	---	0.2	0.2	0.2	0.2	0.2	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	0.3	---
MEAN	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.3	0.2	0.3	0.3	0.3
MAX	3.4	3.6	2.6	2.8	2.5	3.6	0.2	2.0	0.2	0.7	1.1	1.2
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 2023 MEAN 0.27 MAX 3.57 MIN 0.25

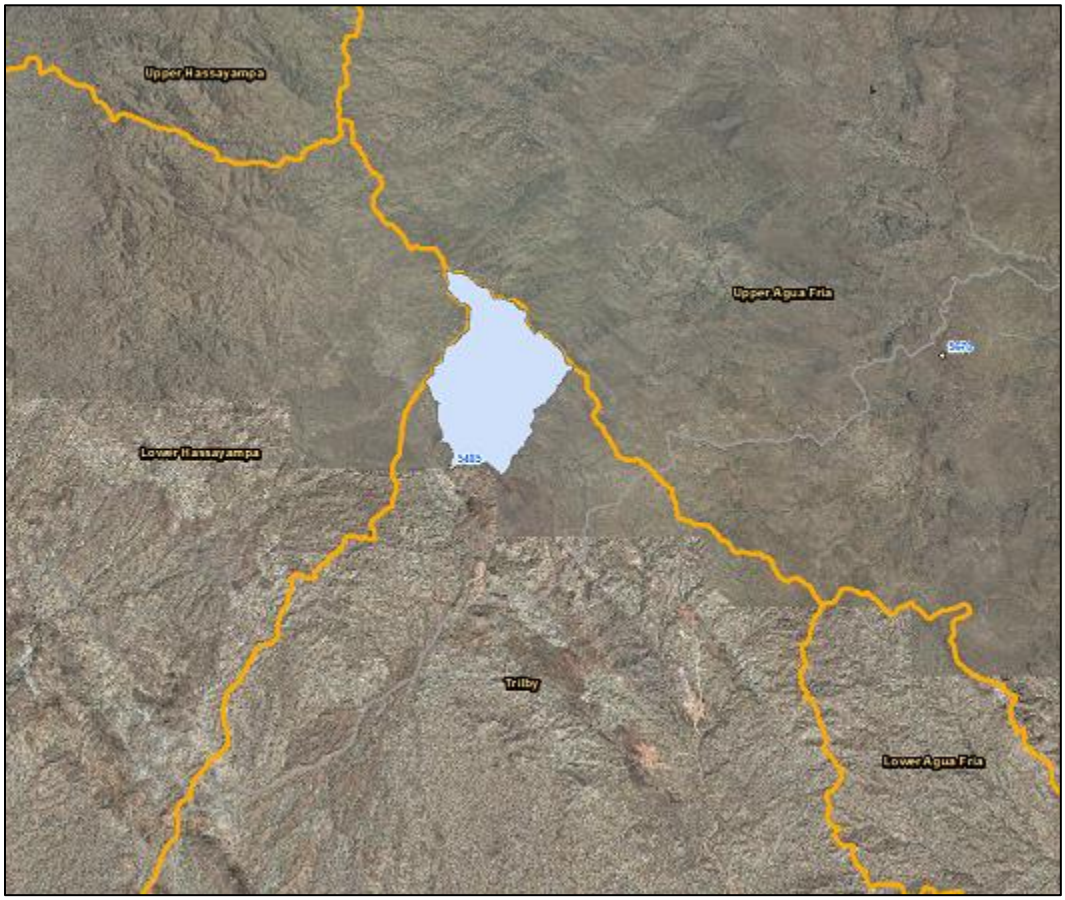
Upper Trilby Wash, ID #73807

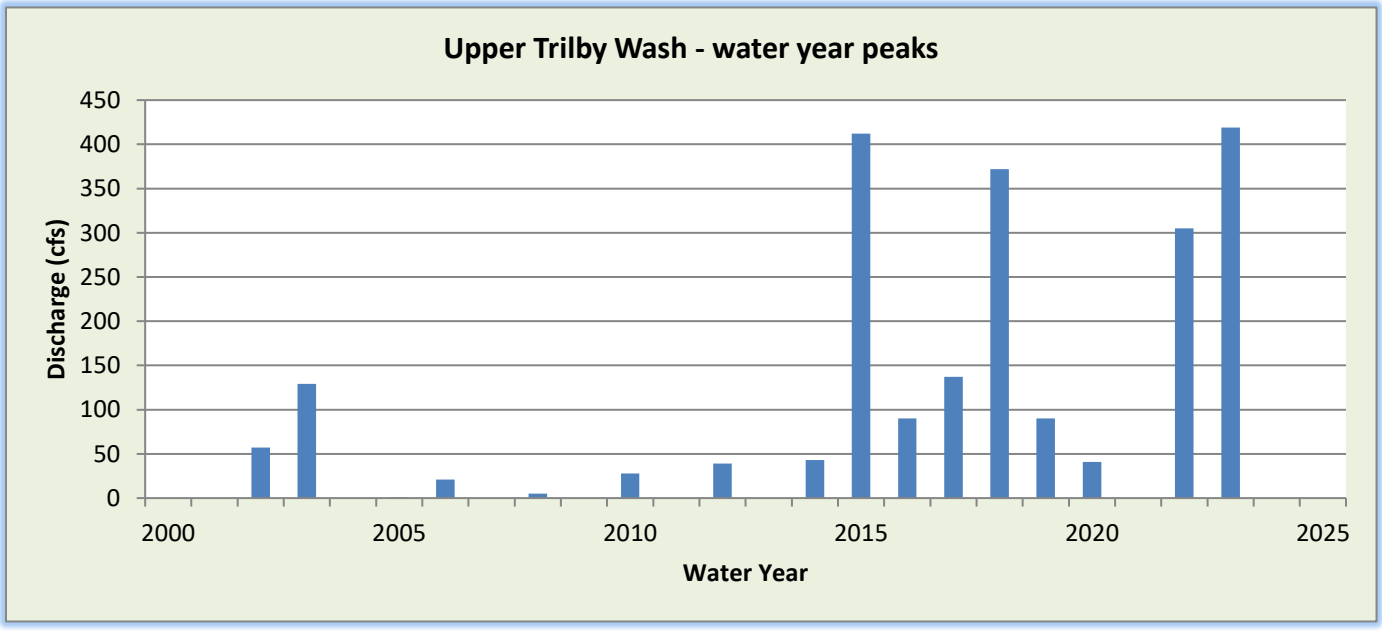


Site Data

LOCATION	Located about 3 miles north of Castle Hot Springs Road
DRAINAGE AREA	3.1 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
ARIZONA STATE PLANE	E 514261 | N 1077534
USGS QUAD SHEET	Red Picacho 7.5-Minute
STREAMGAGE INSTALLATION DATE	09/26/2001 - WY 2001
PERIOD OF AVAILABLE DATA RECORD	09/26/2001 - Current
LENGTH OF AVAILABLE DATA RECORD	22.01 Years | 8,040 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.90 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	3,030.533 feet NAVD 1988
POINT OF ZERO FLOW	1.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	412 cfs | 2.40 feet | 07/18/2015

Watershed Map

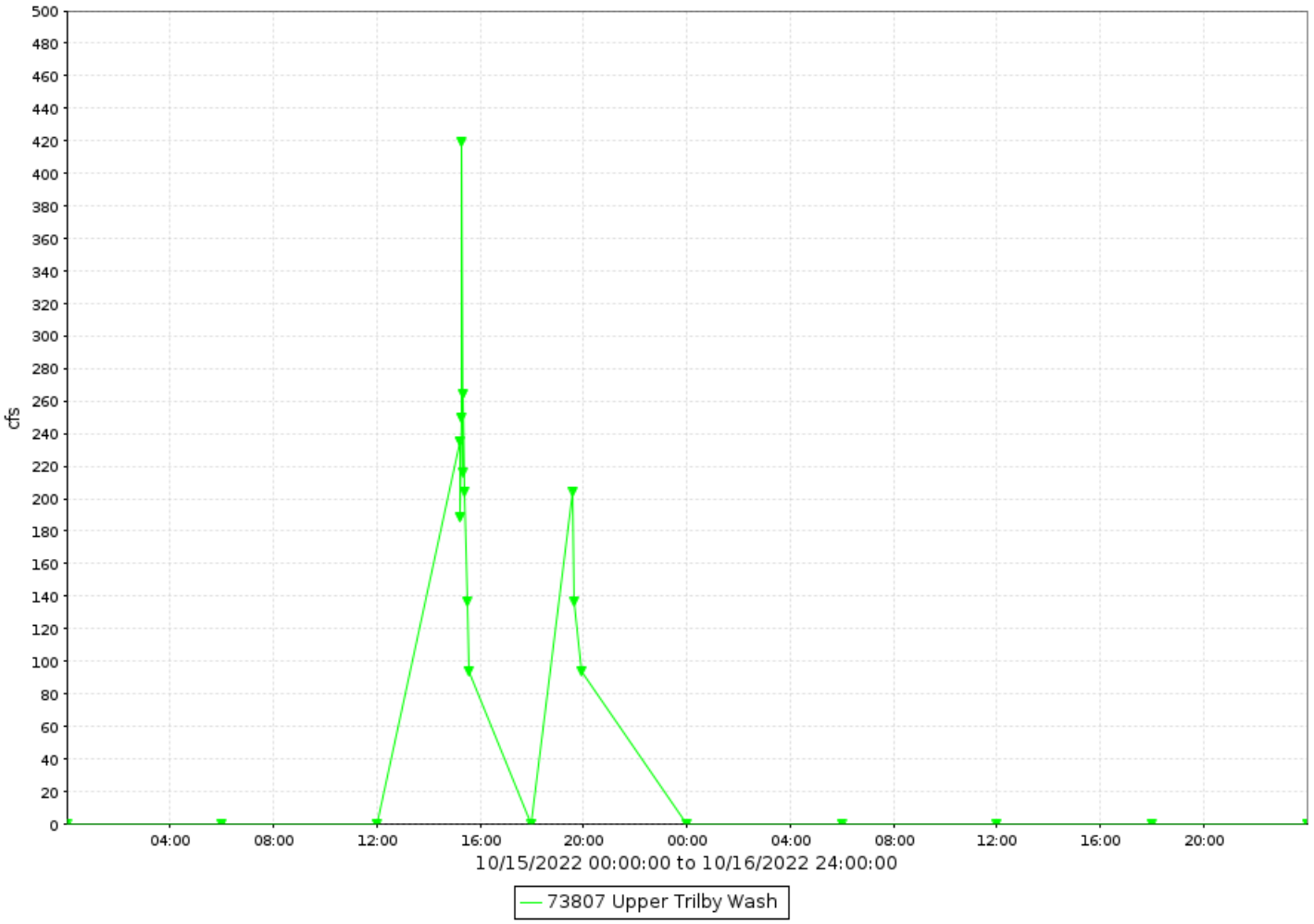




WY2023 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
10/5	1.34	264
10/15	1.62	419

Hydrograph of peak 2023 impoundment event, 10/15/2022



Upper Trilby Wash, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5	9											
6												
7												
8												
9												
10												
11												
12												
13												
14												
15	31											
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	40	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	419	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	79	0	0	0	0	0	0	0	0	0	0	0

WTR YR 2023 TOTAL 40 MEAN 0 MAX 419 MIN 0 AC_FT 79

UPRR Underpass at First Avenue, ID #3107

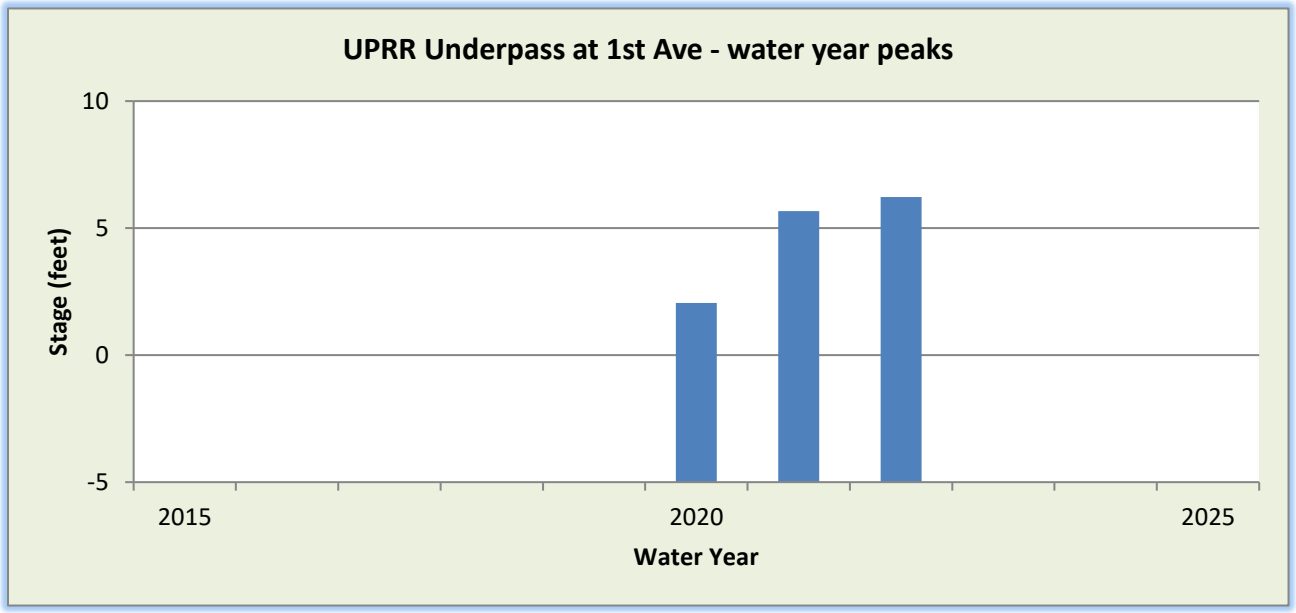


Site Data

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 – 07/01/2023
LENGTH OF AVAILABLE POR DATA	6.09 Years | 2,223 Days
GAPS IN RECORD	03/15/2023 – 05/18/2023
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





WY2023 Events

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

Hydrograph of peak WY 2023 impoundment event

No impoundment recorded during Water Year 2023.

UPRR Underpass at First Avenue, stage data

Depth, in feet, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	-7.5	---	-9.8	-6.3	-8.4	-9.8	-8.7	-8.7	-8.6	---	---	---
2	-7.5	---	-9.8	-6.1	-8.5	-9.6	-8.7	-8.6	-8.6	---	---	---
3	-7.5	---	-9.8	-6.2	-8.5	-9.6	-8.7	-8.6	-8.6	---	---	---
4	-7.5	---	-8.3	-6.3	-8.6	-9.6	-8.7	-8.6	-8.6	---	---	---
5	-7.5	---	-8.0	-6.4	-8.6	-9.6	-8.7	-8.6	-8.6	---	---	---
6	-6.4	---	-8.0	-6.6	-8.6	-9.6	-8.7	-8.6	-8.6	---	---	---
7	---	---	-8.0	-6.8	-8.7	-9.6	-8.7	-8.6	-8.6	---	---	---
8	---	---	-8.0	-6.9	-8.7	-9.6	-8.7	-8.6	-8.6	---	---	---
9	---	---	-8.0	-7.0	-8.7	-9.6	-8.7	-8.6	-8.6	---	---	---
10	---	---	-8.0	-7.1	-8.8	-9.6	-8.7	-8.6	-8.6	---	---	---
11	---	---	-8.0	-7.2	-8.8	-9.6	-8.7	-8.6	-8.6	---	---	---
12	---	---	-7.9	-7.3	-8.8	---	-8.7	-8.6	-8.6	---	---	---
13	---	---	-7.9	-7.4	-8.9	---	-8.7	-8.6	-8.6	---	---	---
14	---	-9.8	-7.9	-7.5	-8.9	---	-8.7	-8.6	-8.6	---	---	---
15	---	-9.8	-7.9	-7.5	-8.9	---	-8.7	-8.6	-8.6	---	---	---
16	---	-9.8	-7.9	-7.6	-8.9	---	-8.7	-8.6	-8.6	---	---	---
17	---	---	-7.9	-7.6	-9.0	---	-8.7	-8.6	-8.6	---	---	---
18	---	-9.8	-7.9	-7.7	-9.0	---	-8.7	-8.6	-8.6	---	---	---
19	---	---	-7.9	-7.8	-9.0	---	-8.7	-8.6	-8.6	---	---	---
20	---	---	-7.9	-7.8	-9.0	---	-8.7	-8.6	-8.6	---	---	---
21	---	---	-7.9	-7.9	-9.0	---	-8.7	-8.6	-8.6	---	---	---
22	---	---	-7.9	-8.0	-9.0	---	-8.7	-8.6	-8.6	---	---	---
23	---	---	-7.9	-8.0	-9.1	---	-8.7	-8.6	---	---	---	---
24	---	---	-7.9	-8.1	-9.1	---	-8.7	-8.6	---	---	---	---
25	---	---	-7.9	-8.1	-9.1	---	-8.7	-8.6	---	---	---	---
26	---	---	-7.9	-8.2	-9.1	---	-8.7	-8.6	---	---	---	---
27	---	---	-7.9	-8.2	-9.1	---	-8.7	-8.6	---	---	---	---
28	---	-9.8	-6.7	-8.2	-9.6	-8.7	-8.7	-8.6	---	---	---	---
29	---	-9.8	-6.2	-8.3	---	-8.7	-8.7	-8.6	---	---	---	---
30	---	-9.8	-6.3	-8.3	---	-8.7	-8.7	-8.6	---	---	---	---
31	---	---	-6.4	-8.4	---	-8.7	---	-8.6	---	---	---	---
MEAN	-6.7	-9.8	-7.9	-7.4	-8.9	-9.5	-8.7	-8.6	-8.6	---	---	---
MAX	-6.1	-9.8	-6.0	-6.0	-8.4	-8.7	-8.7	-8.6	-8.6	---	---	---
MIN	-7.5	-9.8	-9.8	-8.4	-9.8	-9.8	-8.7	-8.7	-8.6	---	---	---

WTR YR 2023 MEAN -8.35 MAX -5.97 MIN -9.83

*The gage was down from January 7th to February 13th as well as March 12 to the 27th then removed after June 23rd. No runoff event occurred during that time.

UPRR Underpass at Central Avenue, ID #3207

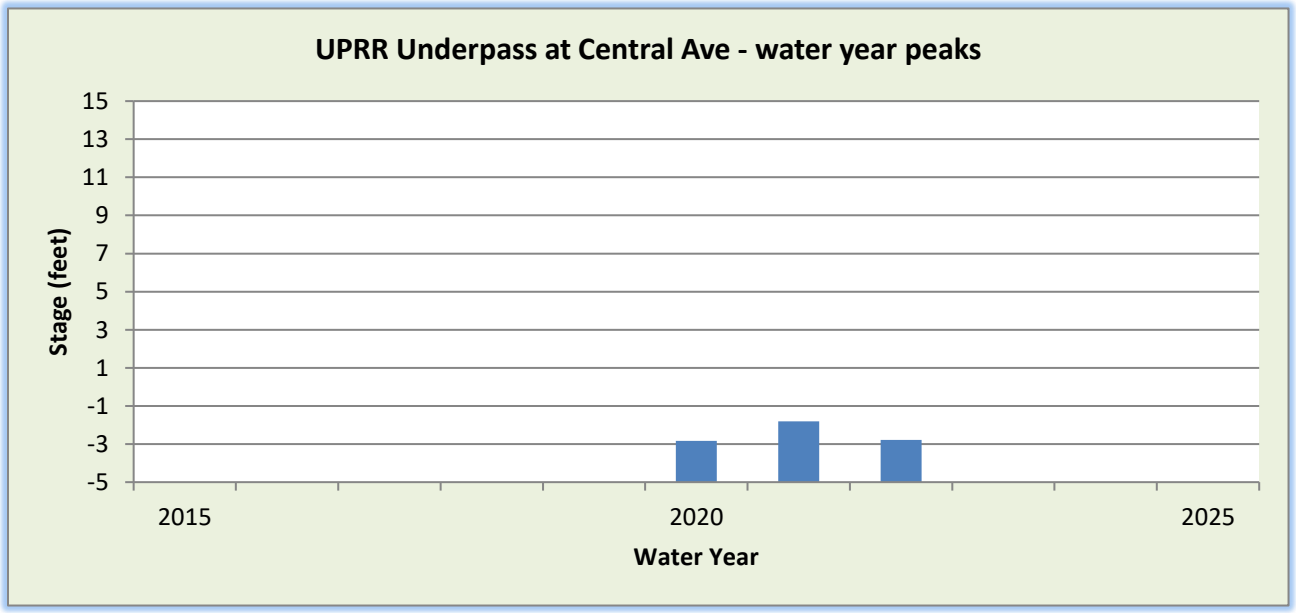


Site Data

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 – 07/01/2023
LENGTH OF AVAILABLE POR DATA	6.09 Years | 2,223 Days
GAPS IN RECORD	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

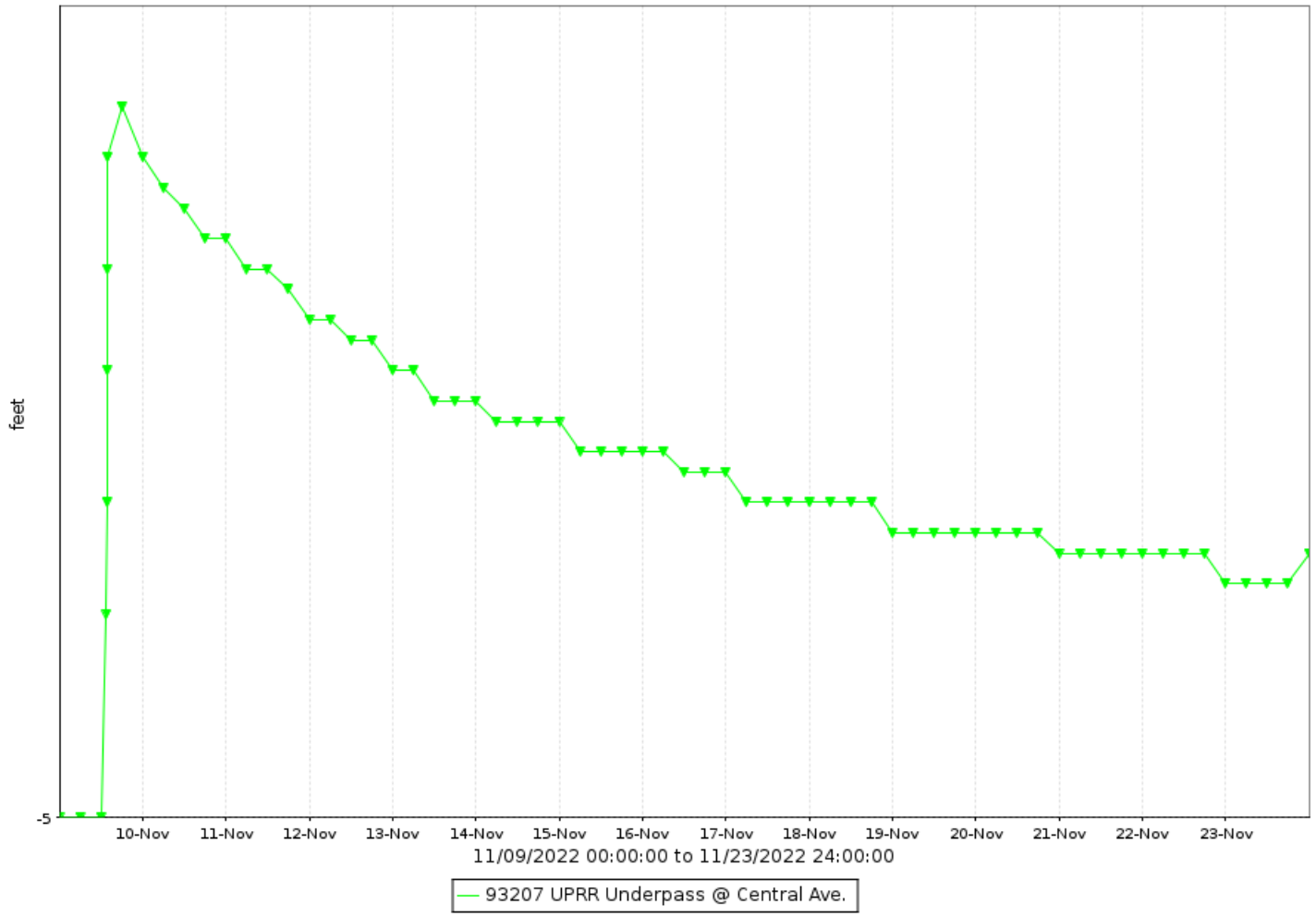




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
11/9	0.70	0.0	0.0

Hydrograph of peak WY 2023 impoundment event, 11/09/2022



UPRR Underpass at Central Avenue, stage data

Depth, in feet, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	-4.4	-5.0	-5.0	-2.8	-4.0	-3.4	---	---	---	---	---	---
2	-4.5	-5.0	-5.0	-2.1	-4.0	-4.0	---	---	---	---	---	---
3	-4.5	-5.0	-4.2	-3.2	-4.0	-4.0	---	---	---	---	---	---
4	-4.5	-5.0	-3.5	-4.1	-4.1	-4.0	---	---	---	---	---	---
5	-4.5	-5.0	-3.6	-4.1	-4.1	-4.0	---	---	---	---	---	---
6	-3.8	-5.0	-3.8	-4.1	-4.1	-4.1	---	---	---	---	---	---
7	-3.8	-5.0	-3.9	-4.2	-4.1	-4.1	---	---	---	---	---	---
8	-3.9	-5.0	-4.0	-4.2	-4.1	-4.1	---	---	---	---	---	---
9	-3.9	-4.7	-4.1	-4.2	-4.1	-4.8	---	---	---	---	---	---
10	-4.0	-4.4	-4.2	-4.2	-4.1	-5.0	---	---	---	---	---	---
11	-4.0	-4.5	-4.3	-4.3	-4.1	-5.0	---	---	---	---	---	---
12	-4.1	-4.5	-4.1	-4.3	-4.1	-5.0	---	---	---	---	---	---
13	-4.1	-4.6	-4.0	-4.3	-4.1	-5.0	---	---	---	---	---	---
14	-4.5	-4.6	-4.2	-4.4	-4.0	-5.0	---	---	---	---	---	---
15	-4.1	-4.6	-4.2	-4.0	-3.4	---	---	---	---	---	---	---
16	-2.9	-4.7	-4.3	-3.2	-3.5	---	---	---	---	---	---	---
17	-3.0	-4.7	-4.4	-2.6	-3.6	---	---	---	---	---	---	---
18	-3.2	-4.7	-4.5	-2.9	-3.7	---	---	---	---	---	---	---
19	-3.3	-4.7	-4.8	-3.2	-3.8	---	---	---	---	---	---	---
20	-3.5	-4.7	-5.0	-3.4	-3.9	---	---	---	---	---	---	---
21	-3.6	-4.7	-5.0	-3.5	-3.9	---	---	---	---	---	---	---
22	-3.7	-4.7	-5.0	-3.7	-3.6	---	---	---	---	---	---	---
23	-3.8	-4.8	-5.0	-3.8	-3.5	---	---	---	---	---	---	---
24	-3.9	-4.8	-5.0	-3.9	-3.4	---	---	---	---	---	---	---
25	-4.0	-4.8	-5.0	-3.9	-3.5	---	---	---	---	---	---	---
26	-4.0	-4.8	-5.0	---	-3.2	---	---	---	---	---	---	---
27	-4.1	-4.8	-5.0	---	-3.3	---	---	---	---	---	---	---
28	-4.2	-4.8	-3.0	---	-3.3	---	---	---	---	---	---	---
29	-4.3	-4.8	-2.6	---	---	---	---	---	---	---	---	---
30	-4.7	-4.8	-2.8	---	---	---	---	---	---	---	---	---
31	-5.0	---	-3.0	-3.9	---	---	---	---	---	---	---	---
MEAN	-4.0	-4.8	-4.2	-3.7	-3.8	-4.7	---	---	---	---	---	---
MAX	-2.8	-4.3	-1.4	-1.9	-3.1	-2.5	---	---	---	---	---	---
MIN	-5.0	-5.0	-5.0	-4.4	-4.1	-5.0	---	---	---	---	---	---

WTR YR 2023 MEAN -4.61 MAX -1.45 MIN -5.00

*station removed March 15th

US60 at Gold Canyon, ID #36907

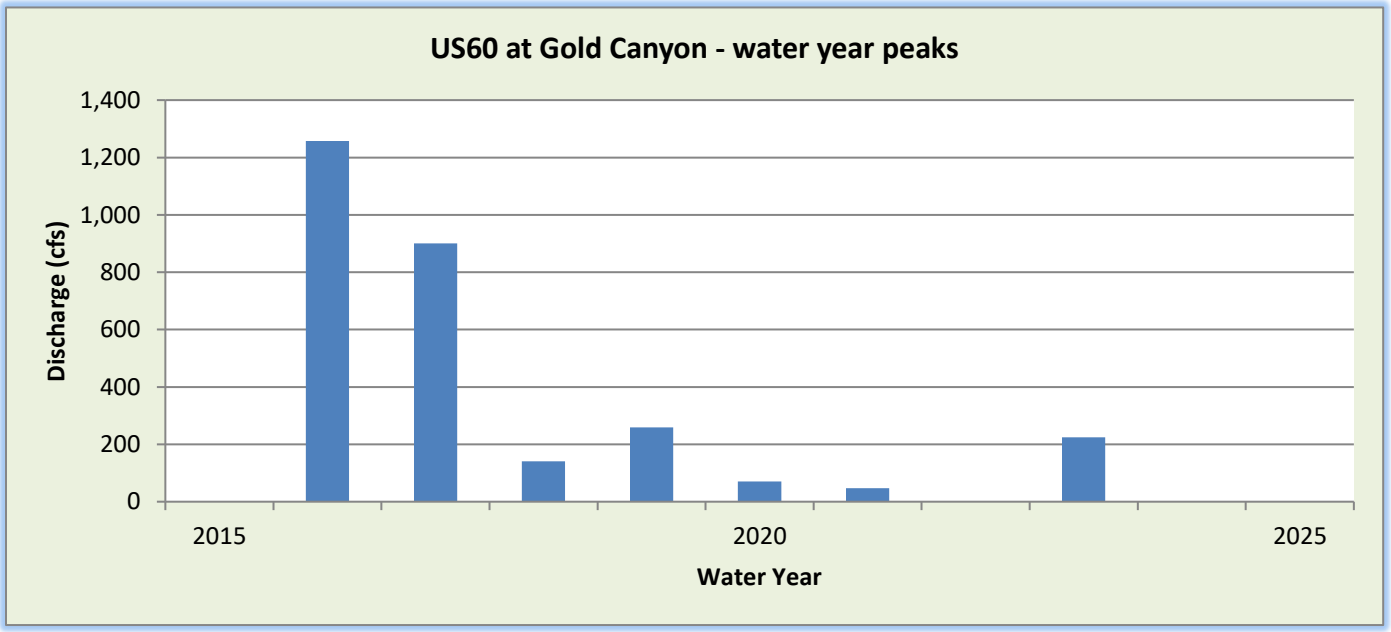


Site Data

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
ARIZONA STATE PLANE	E 834600 | N 860550
USGS QUAD SHEET	Superstition Mountain SW 7.5-Minute
STREAMGAGE INSTALLATION DATE	05/11/2016 - WY 2016
PERIOD OF AVAILABLE DATA RECORD	05/11/2016 - Current
LENGTH OF AVAILABLE DATA RECORD	7.39 Years | 2,699 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.10 feet Gage Height
STAFF GAGES	None
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	0.00 feet Gage Height
POINT OF ZERO FLOW	0.25 feet Gage Height
EXTREME FOR PERIOD OF RECORD	1,258 cfs | 4.06 feet GH | 08/09/2016

Watershed Map

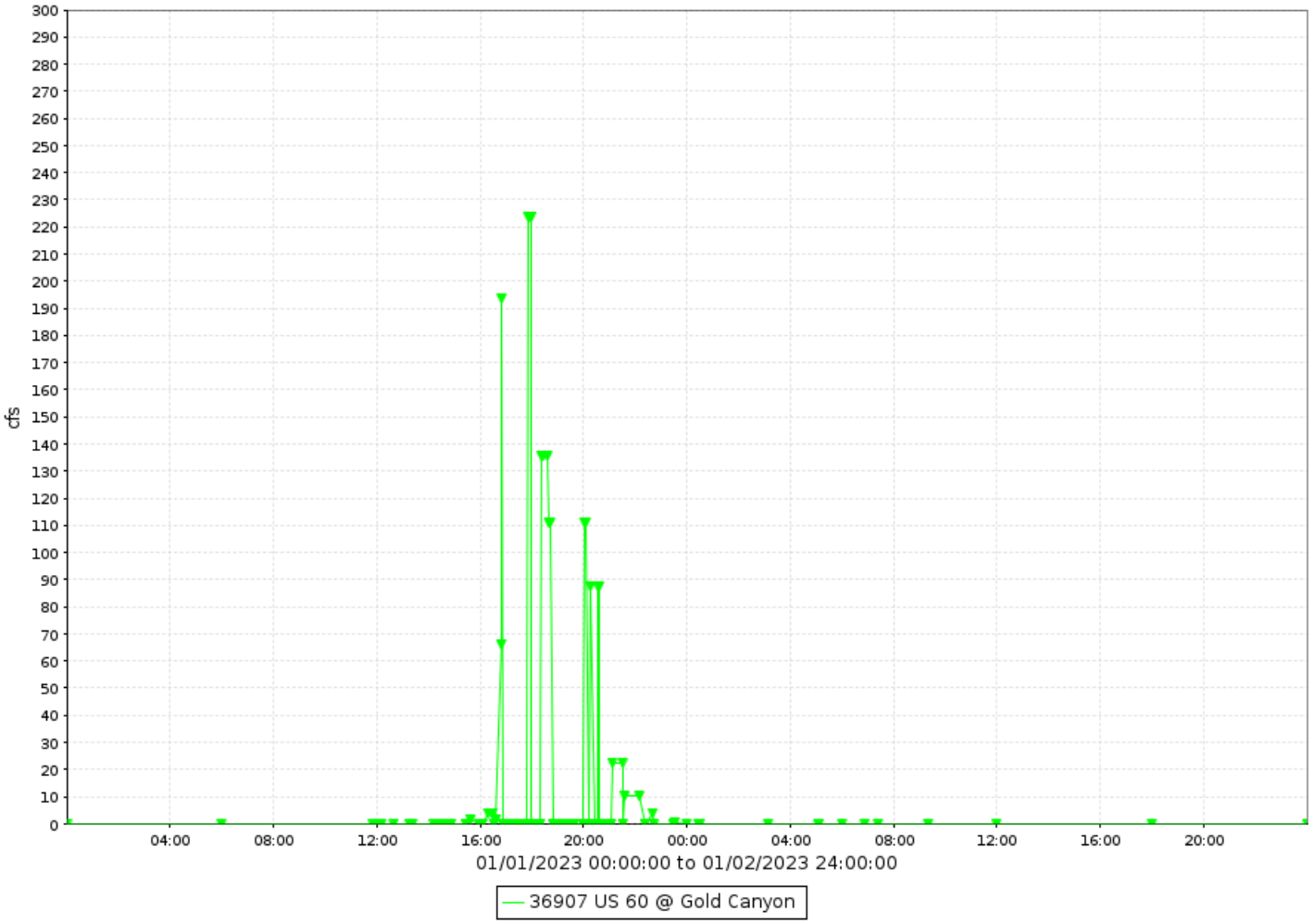




WY2023 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
10/3	1.20	88
10/15	1.10	66
1/1	1.70	224

Hydrograph of peak WY 2023 flow event, 01/01/2023



US60 at Gold Canyon, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				6								
2												
3	1											
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	2	0	0	6	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	193	0	0	224	0	0	0	0	0	1	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	3	0	0	12	0	0	0	0	0	0	0	0

WTR YR 2023 TOTAL 8 MEAN 0 MAX 224 MIN 0 AC_FT 15

Vekol Wash, ID #74507

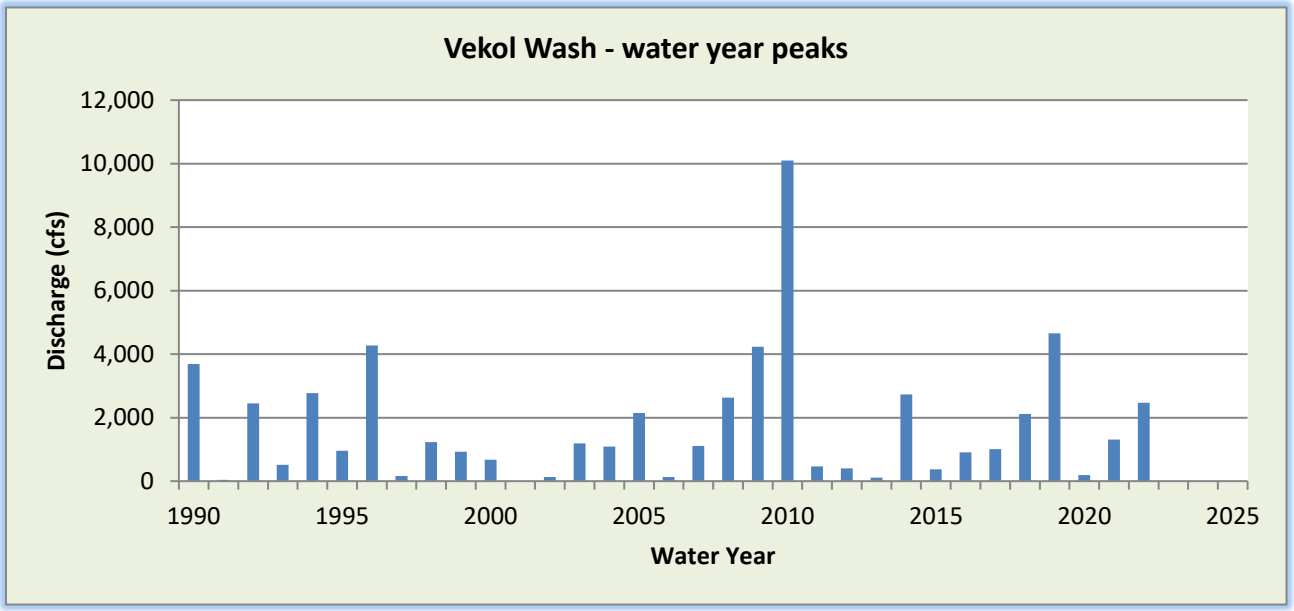


Site Data

LOCATION	Near I-8 and Vekol Valley Road
DRAINAGE AREA	147.7 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
ARIZONA STATE PLANE	E 597012 | N 670657
USGS QUAD SHEET	Lost Horse Peak 7.5-Minute
STREAMGAGE INSTALLATION DATE	03/07/1990 - WY 1990
PERIOD OF AVAILABLE DATA RECORD	03/07/1990 - Current
LENGTH OF AVAILABLE DATA RECORD	33.57 Years | 12,261 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	4.95 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	2 (at gage cross section)
ZERO GAGE HEIGHT ELEVATION	1,719.891 feet NAVD88
POINT OF ZERO FLOW	4.0 feet Gage Height (January 2019)
EXTREME FOR PERIOD OF RECORD	10,100 cfs | 10.10 feet | 08/27/2010

Watershed Map





WY2023 Events

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

Hydrograph of peak WY 2023 flow event

No runoff recorded during Water Year 2023.

Vekol Wash, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

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 2023 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

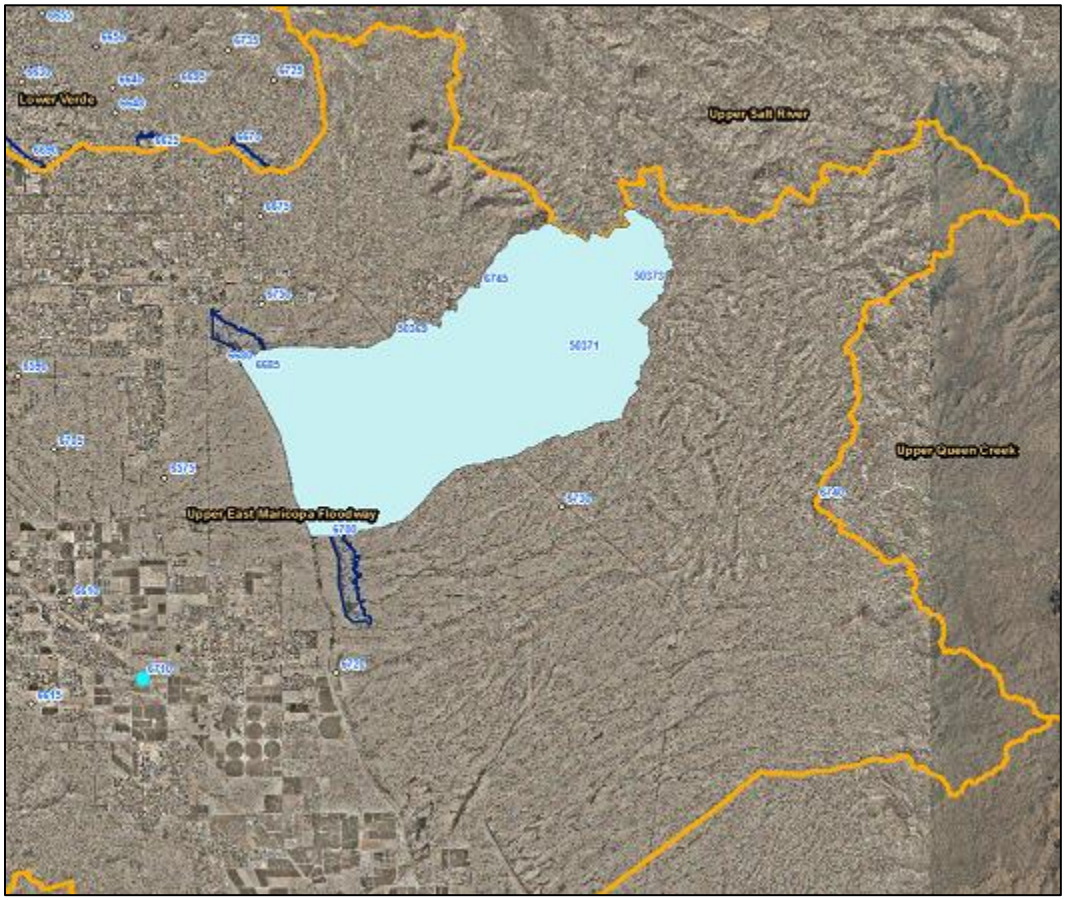
Vineyard FRS, ID #37007

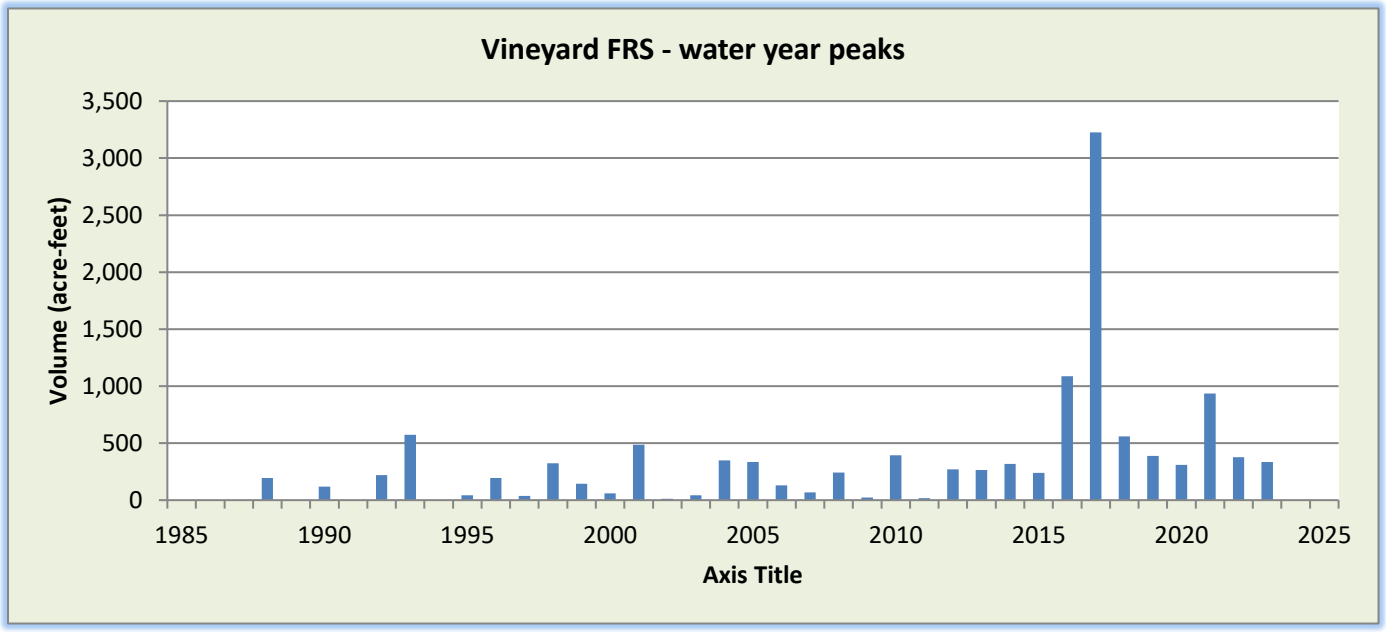


Site Data

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
ARIZONA STATE PLANE	E 814148 | N 855416
USGS QUAD SHEET	Desert Well 7.5-Minute
STREAMGAGE INSTALLATION DATE	11/02/1983 - WY 1984
PERIOD OF AVAILABLE DATA RECORD	11/09/1987 - Current
LENGTH OF AVAILABLE DATA RECORD	35.89 Years | 13,110 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.20 feet Gage Height
STAFF GAGES	3
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,564.139 feet NAVD88
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

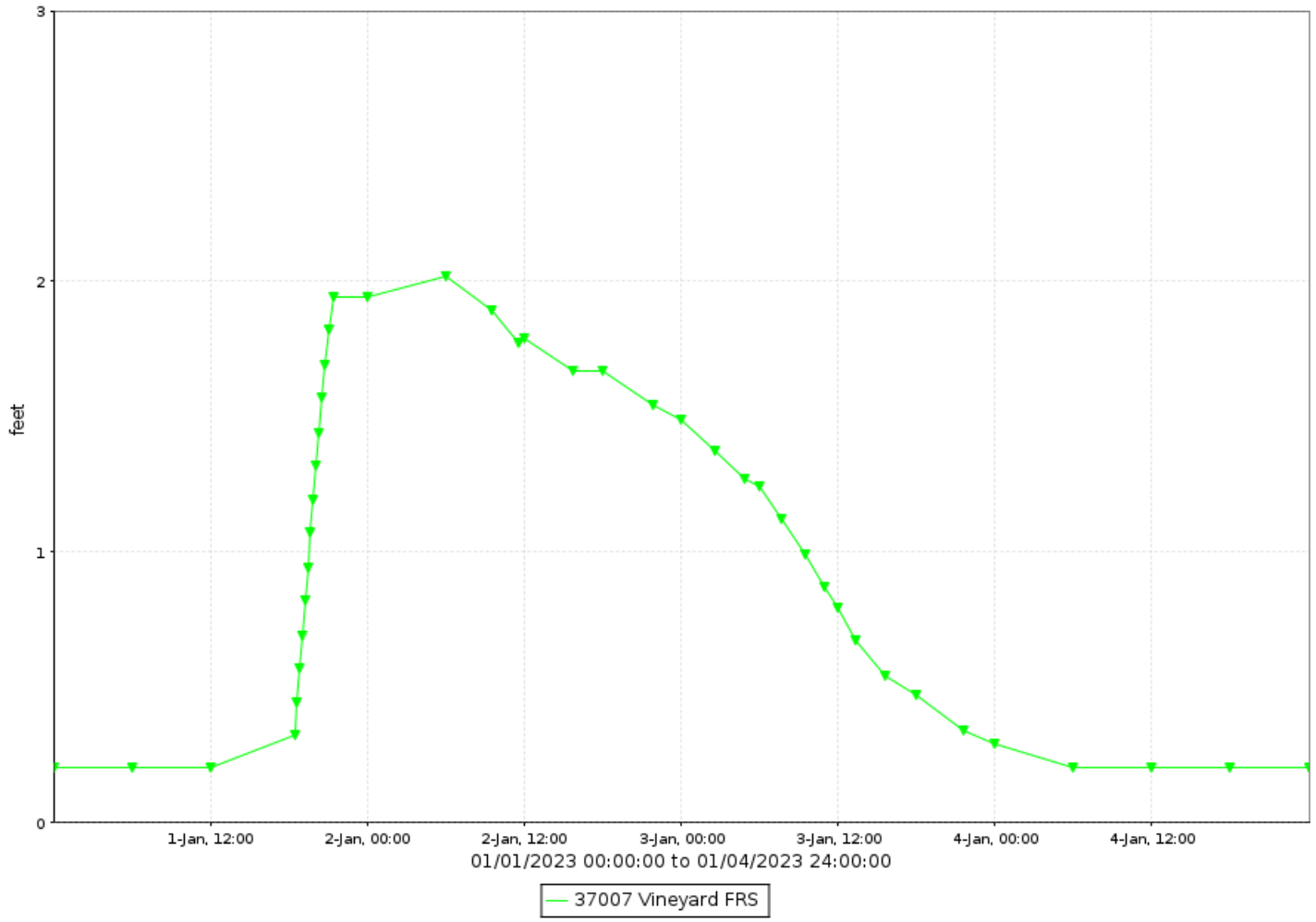




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
1/2	2.02	335.5	7.4

Hydrograph of peak 2023 impoundment event, 01/02/2023



Vineyard FRS, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				4								
2				22								
3				8								
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	34	0	0	0	0	0	0	0	0
MEAN	0	0	0	1	0	0	0	0	0	0	0	0
MAX	0	0	0	25	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	67	0	0	0	0	0	0	0	0

WTR YR 2023 TOTAL 34 MEAN 0 MAX 25 MIN 0 AC_FT 67

Vineyard FRS, volume data

Volume, in acre-feet, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				55								
2				294								
3				126								
4				13								
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
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21												
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24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
MEAN	0	0	0	16	0	0	0	0	0	0	0	0
MAX	0	0	0	335	0	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 2023 MEAN 1 MAX 335 MIN 0

Vineyard FRS, stage data

Depth, in feet, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.2	0.2	0.2	0.5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
2	0.2	0.2	0.2	1.8	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
3	0.2	0.2	0.2	0.9	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	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
MAX	0.2	0.2	0.2	2.0	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 2023 MEAN 0.21 MAX 2.02 MIN 0.20

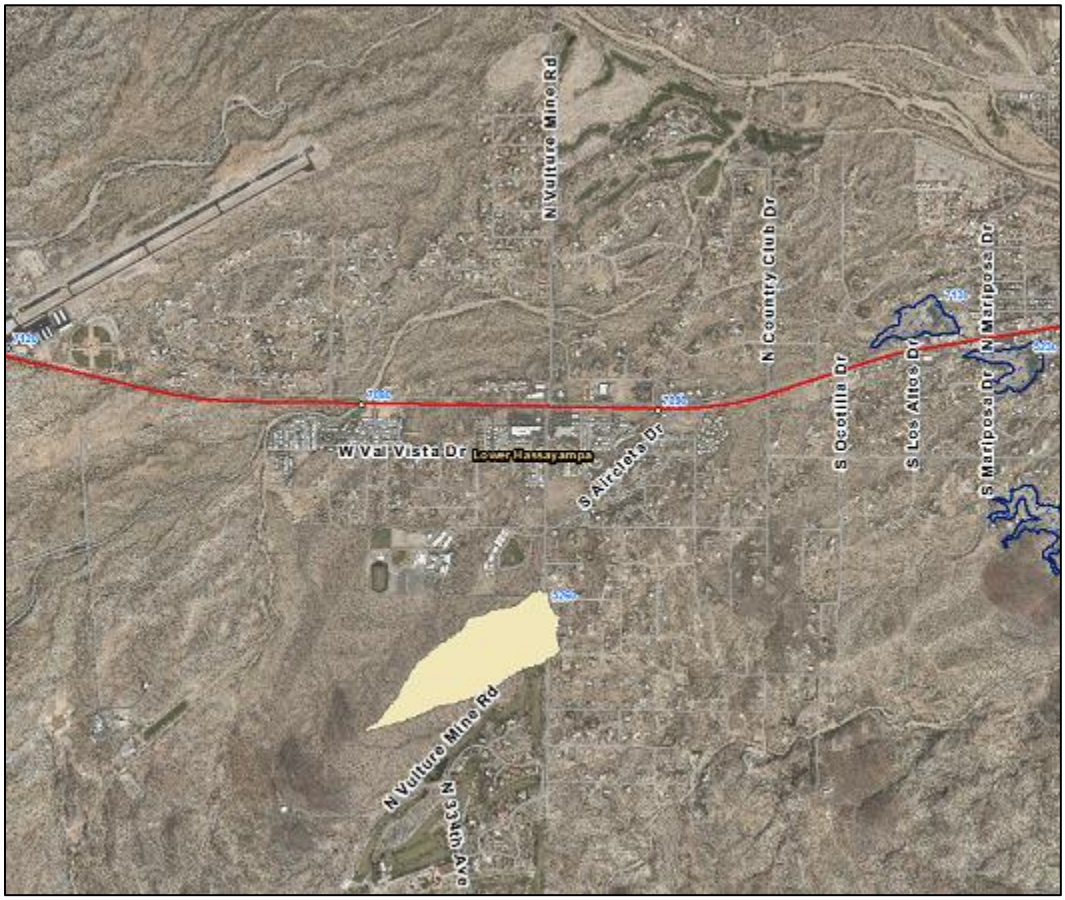
Vulture Mine Road, ID #47007

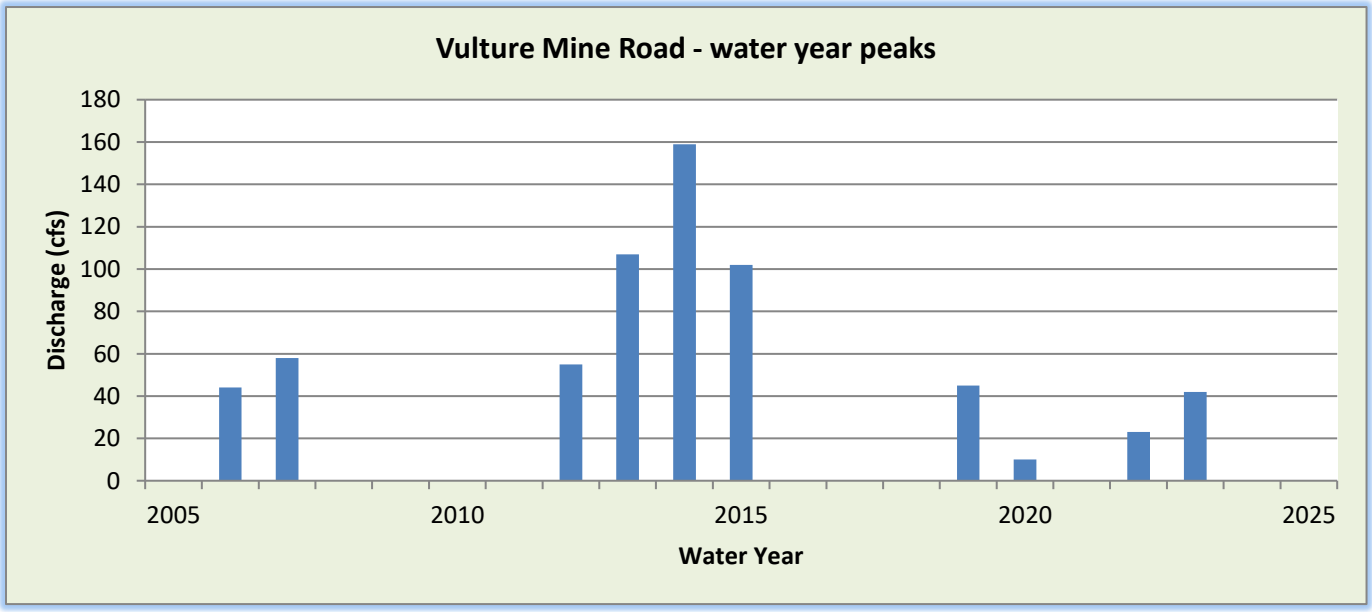


Site Data

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
ARIZONA STATE PLANE	E 440699 | N 1075128
USGS QUAD SHEET	Vulture Peak 7.5-Minute
STREAMGAGE INSTALLATION DATE	10/26/2005 - WY 2006
PERIOD OF AVAILABLE DATA RECORD	10/26/2005 - Current
LENGTH OF AVAILABLE DATA RECORD	17.93 Years | 6,549 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	1.60 feet Gage Height
STAFF GAGES	One
CREST STAGE GAGES	One
ZERO GAGE HEIGHT ELEVATION	2,311.449 feet NAVD88
POINT OF ZERO FLOW	1.1 feet Gage Height
EXTREME FOR PERIOD OF RECORD	159 cfs | 3.58 feet | 08/03/2014

Watershed Map

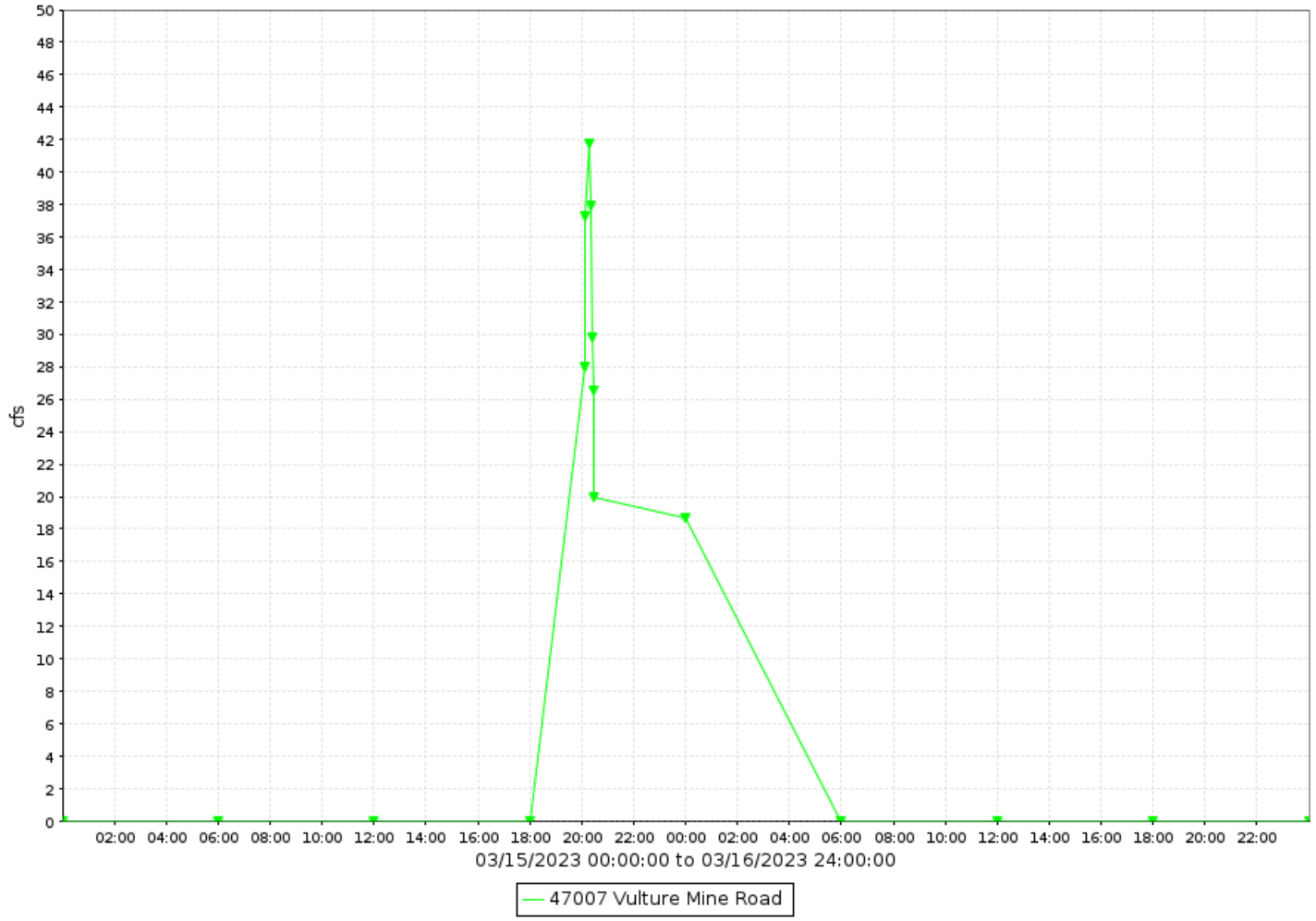




WY2023 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
3/15	2.49	42

Hydrograph of peak WY 2023 flow event, 03/15/2023



Vulture Mine Road, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

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						3						
16						5						
17												
18												
19												
20								---				
21								---				
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	0	0	8	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	42	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	16	0	0	0	0	0	0

WTR YR 2023 TOTAL 8 MEAN 0 MAX 42 MIN 0 AC_FT 16

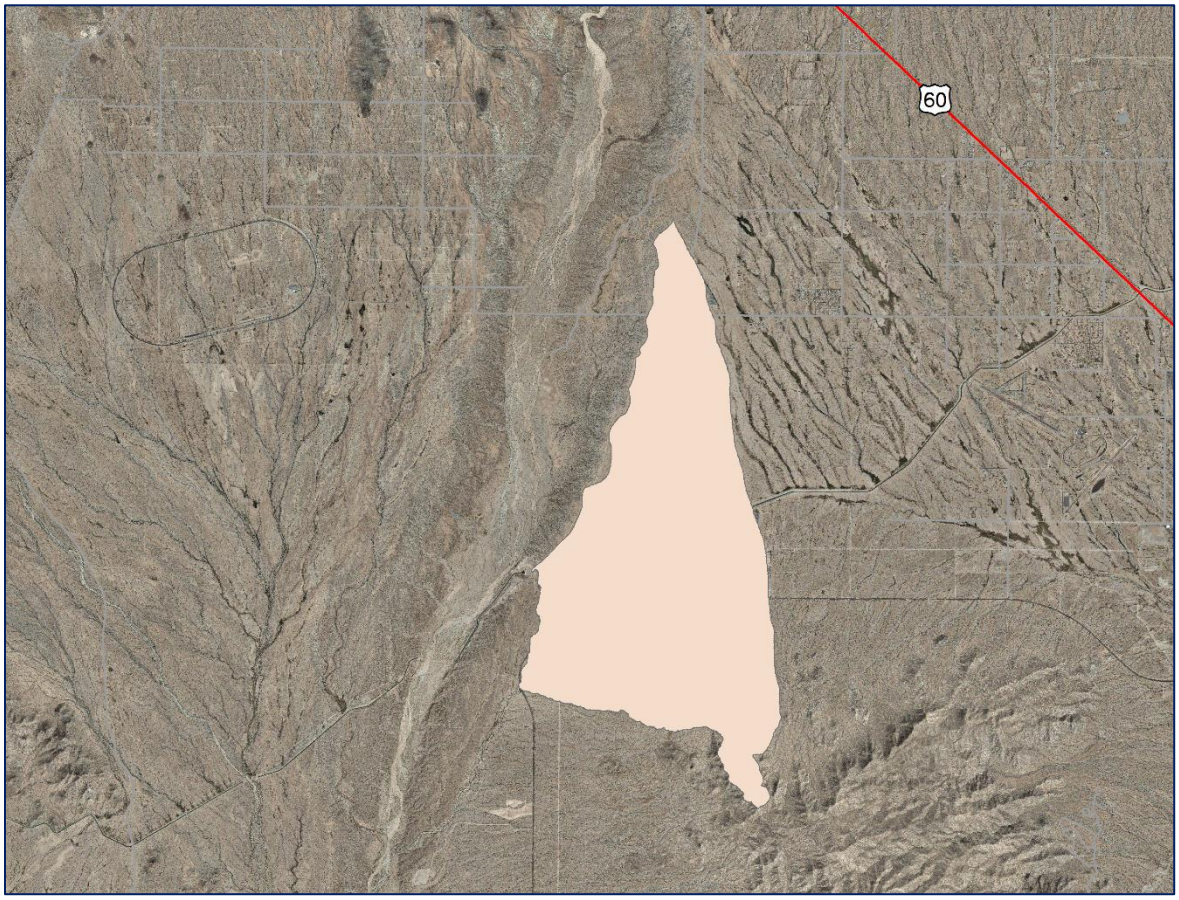
Wagner Wash at Sun Valley Parkway, ID #44707

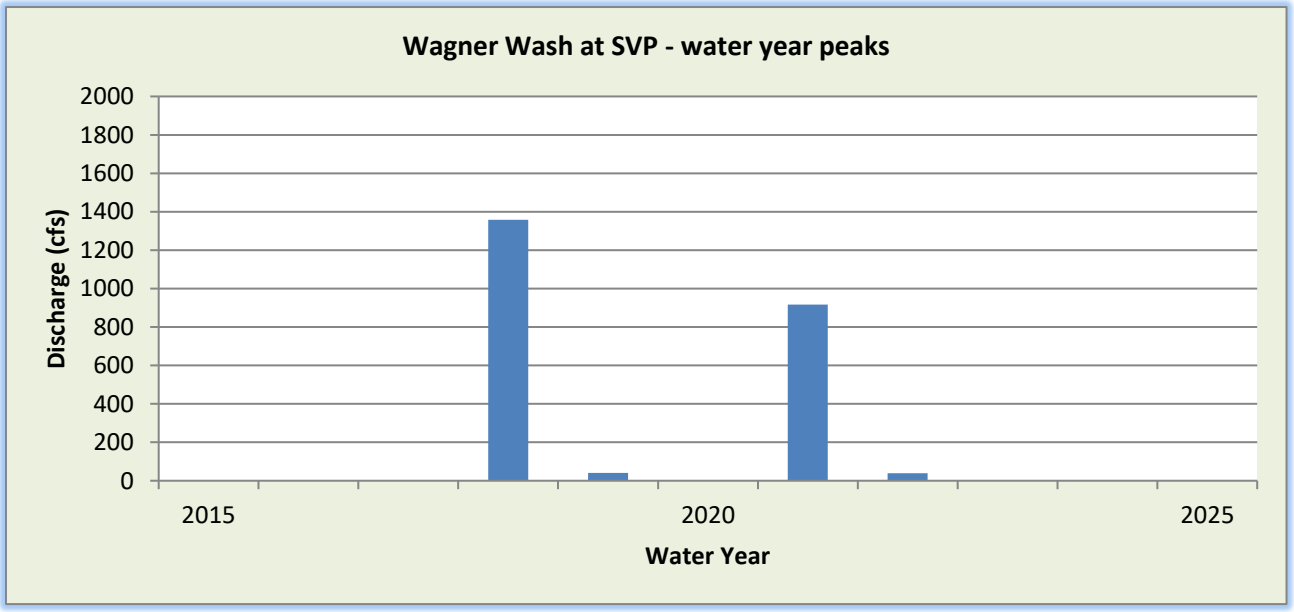


Site Data

LOCATION	Located on Sun Valley Parkway at about Bell Road alignment
DRAINAGE AREA	27.7 mi^2
STREAM TYPE	Natural wash flows at a culvert
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
ARIZONA STATE PLANE	E 464460 | N 959550
USGS QUAD SHEET	Daggs Tank 7.5-Minute
STREAMGAGE INSTALLATION DATE	02/16/2017 - WY 2017
PERIOD OF AVAILABLE DATA RECORD	02/16/2017 - Current
LENGTH OF AVAILABLE DATA RECORD	6.62 Years | 2,418 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.05 feet Gage Height
STAFF GAGES	None
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	1,434.800 feet NAVD88
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	1,358 CFS | 2.97 feet GH | 08/16/2018

Watershed Map





WY2023 Events

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

Hydrograph of peak WY 2023 flow event

No runoff recorded during Water Year 2023.

Wagner Wash at Sun Valley Parkway, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

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 2023 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

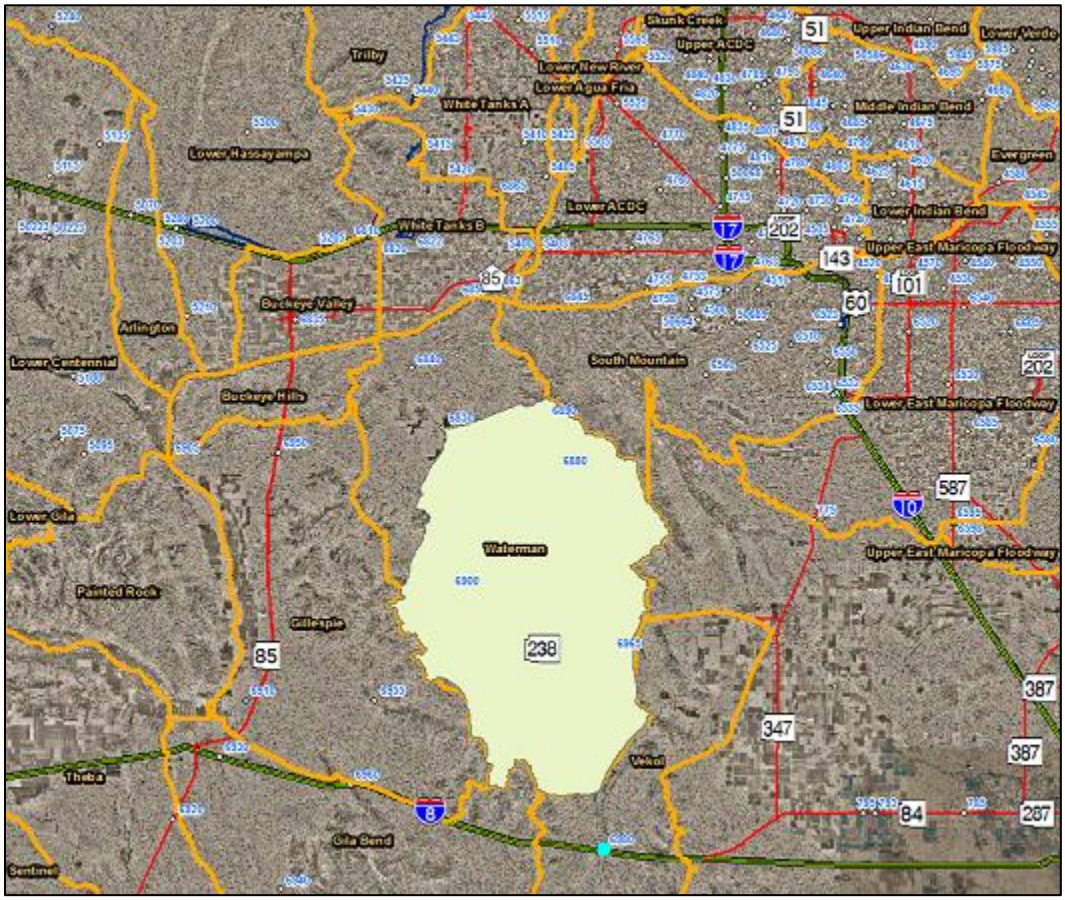
Waterman Wash at Rainbow Valley Road, ID #83307

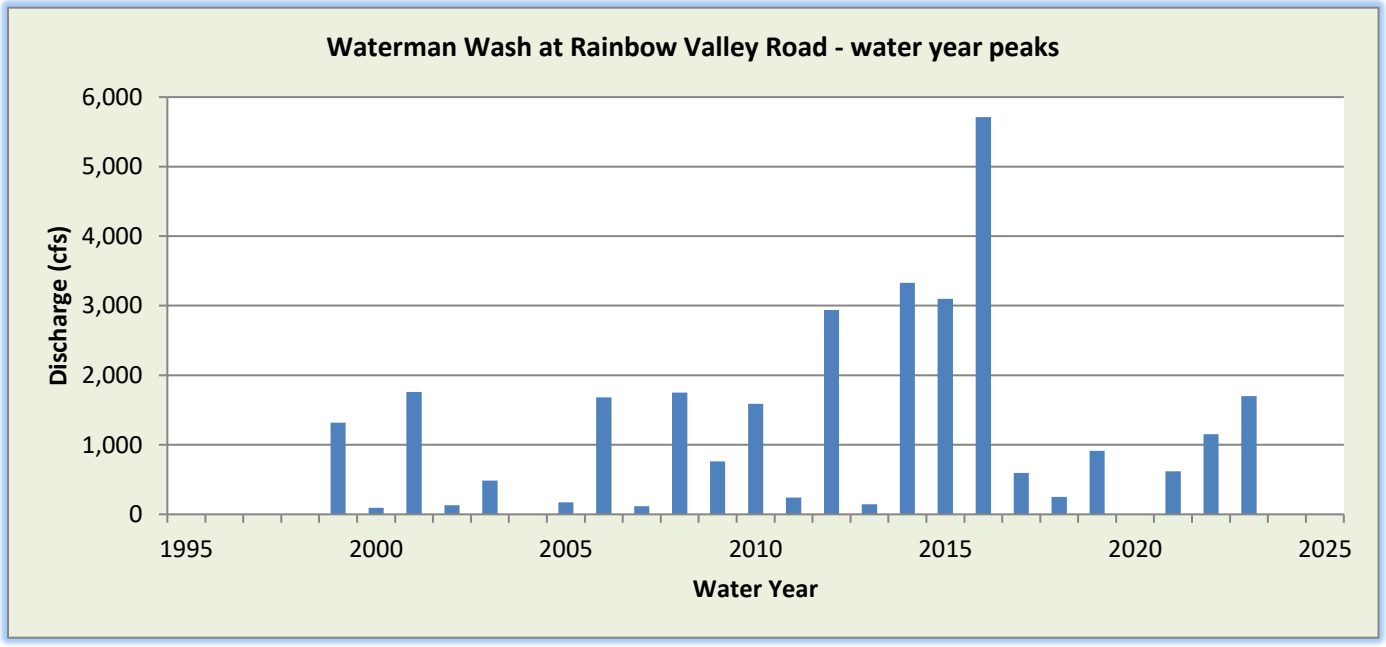


Site Data

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
ARIZONA STATE PLANE	E 538802 | N 823165
USGS QUAD SHEET	Avondale SW 7.5-Minute
STREAMGAGE INSTALLATION DATE	03/18/1999 - WY 1999
PERIOD OF AVAILABLE DATA RECORD	03/18/1999 - Current
LENGTH OF AVAILABLE DATA RECORD	24.54 Years | 8,963 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	1.00 feet Gage Height
STAFF GAGES	1
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	1,009.854 feet NAVD88
POINT OF ZERO FLOW	0.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	5,713 cfs | 10.82 feet | 07/30/2016

Watershed Map

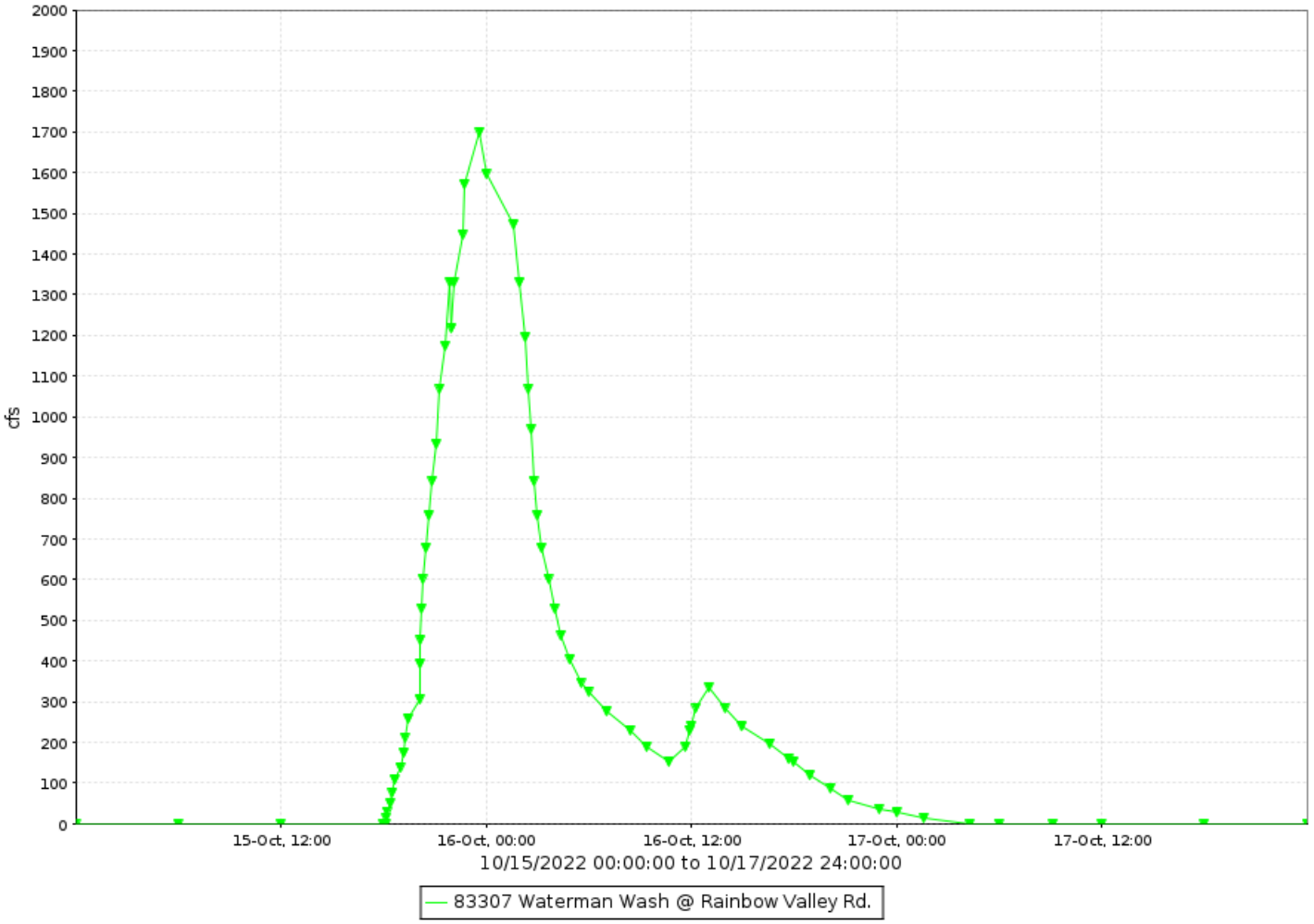




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
10/15	7.25	1700

Hydrograph of peak WY 2023 flow event, 10/15/2022



Waterman Wash, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

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	207											
16	385											
17	3											
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	596	0	0	0	0	0	0	0	0	0	0	0
MEAN	19	0	0	0	0	0	0	0	0	0	0	0
MAX	1700	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	1182	0	0	0	0	0	0	0	0	0	0	0

WTR YR 2023 TOTAL 596 MEAN 2 MAX 1700 MIN 0 AC_FT 1182

Weekes Wash at Baseline Road, ID #39207

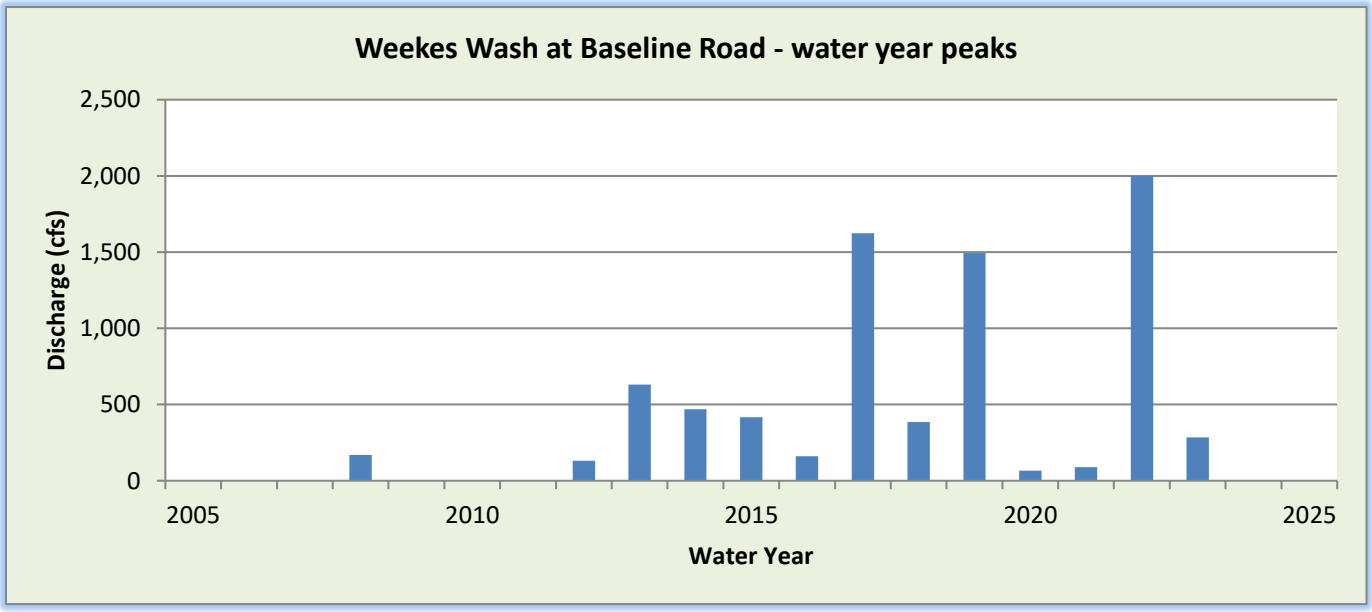


Site Data

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
ARIZONA STATE PLANE	N 865565 | E 815734
USGS QUAD SHEET	Apache Junction 7.5-Minute
STREAMGAGE INSTALLATION DATE	05/27/2008 - WY 2008
PERIOD OF AVAILABLE DATA RECORD	05/27/2008 - Current
LENGTH OF AVAILABLE DATA RECORD	15.35 Years | 5,605 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.20 feet Gage Height
STAFF GAGES	None
CREST STAGE GAGES	None
ZERO GAGE HEIGHT ELEVATION	1,620.356 feet NAVD88
POINT OF ZERO FLOW	0.00 feet Gage Height
EXTREME FOR PERIOD OF RECORD	2,000 CFS | 6.47 feet GH | 07/28/2022

Watershed Map

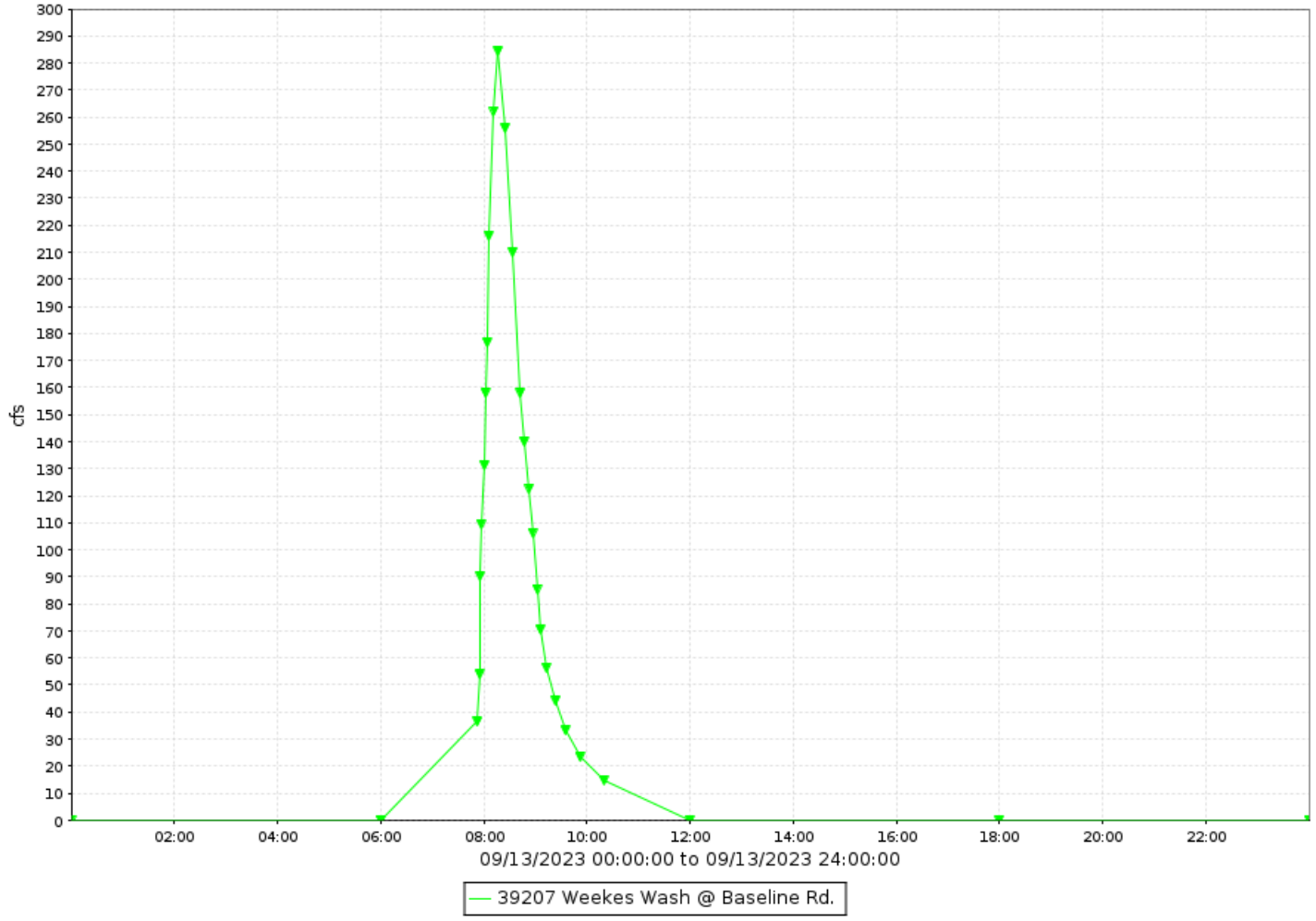




WY2023 Events

Date of Peak	Peak Gage Height	Peak Discharge (cfs)
12/4	0.63	49
1/1	0.53	37
2/10	0.51	35
2/12	0.61	46
2/26	0.56	41
3/15	0.63	49
3/2	0.73	62
9/13	1.94	284

Hydrograph of peak WY 2023 flow event, 09/13/2023



Weekes Wash at Baseline Road, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				13		5						
2			4	3		10						
3			10									
4			15									
5	3											
6	3											
7												
8												
9												
10					7							
11												
12					5							
13												12
14	4											
15	3					3						
16	6					3						
17												
18												
19												
20												
21												
22												
23												
24												
25												
26					8					1		
27												
28												
29					---							
30					---			---				
31		---			---		---		---			---
TOTAL	19	0	29	17	20	21	0	0	0	1	0	12
MEAN	1	0	1	1	1	1	0	0	0	0	0	0
MAX	21	0	49	37	46	62	0	0	0	17	0	284
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	38	0	58	33	41	42	0	0	0	1	0	24

WTR YR 2023 TOTAL 119 MEAN 0 MAX 284 MIN 0 AC_FT 236

White Tanks FRS #3, ID #87307

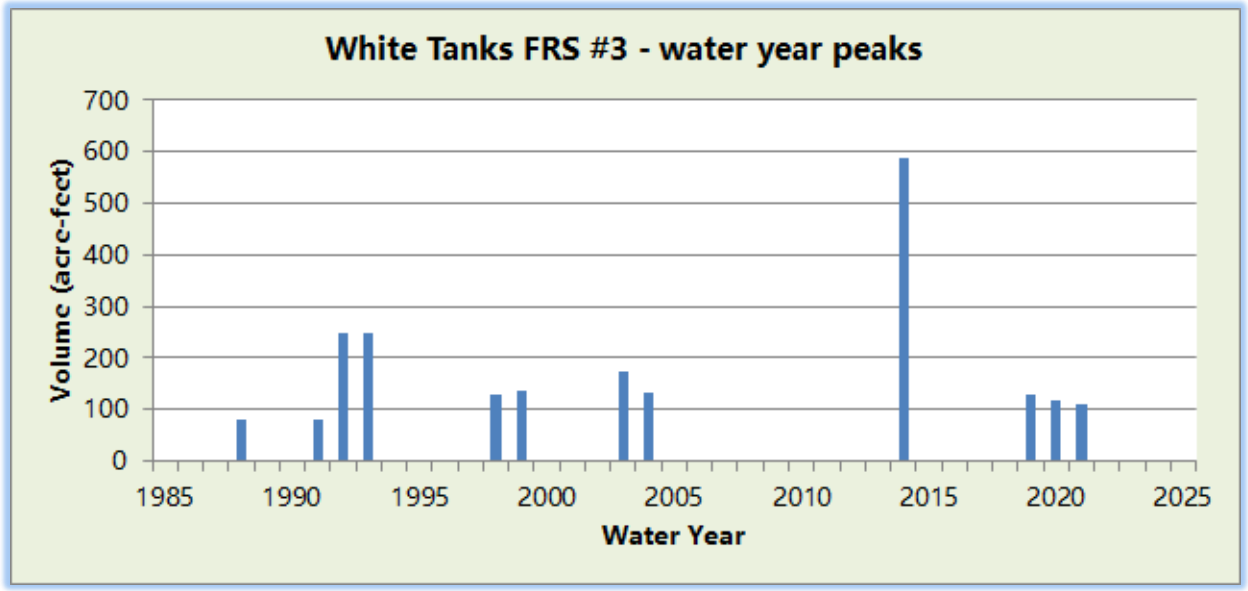


Site Data

LOCATION	Located on the eastern foothills of the White Tank Mountains, south 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
ARIZONA STATE PLANE	E 531079 | N 922261
USGS QUAD SHEET	Waddell 7.5-Minute
STREAMGAGE INSTALLATION DATE	03/12/1986 - WY 1986
PERIOD OF AVAILABLE DATA RECORD	01/01/1988 - Current
LENGTH OF AVAILABLE DATA RECORD	35.75 Years | 13,057 Days
GAPS IN RECORD	12/14/2005 - 06/18/2008
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.15 feet Gage Height
STAFF GAGES	5
CREST STAGE 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 OUTLETS)	6.0 feet Gage Height
POINT OF ZERO FLOW (UNCONTROLLED)	9.0 feet Gage Height
SPILLWAY ELEVATION	21.0 feet Gage Height
TOP OF DAM ELEVATION	27.0 feet Gage Height

Watershed Map





WY2023 Events

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

Hydrograph of peak WY 2023 impoundment event,

No impoundment recorded during Water Year 2023.

White Tanks FRS #3, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

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 2023 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

White Tanks FRS #3, volume data

Volume, in acre-feet, Water Year October 2022 to September 2023

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 2023 MEAN 0 MAX 0 MIN 0

White Tanks FRS #3, stage data

Depth, in feet, Water Year October 2022 to September 2023

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	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
16	0.4	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	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
MAX	1.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
MIN	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

WTR YR 2023 MEAN 0.15 MAX 1.31 MIN 0.15

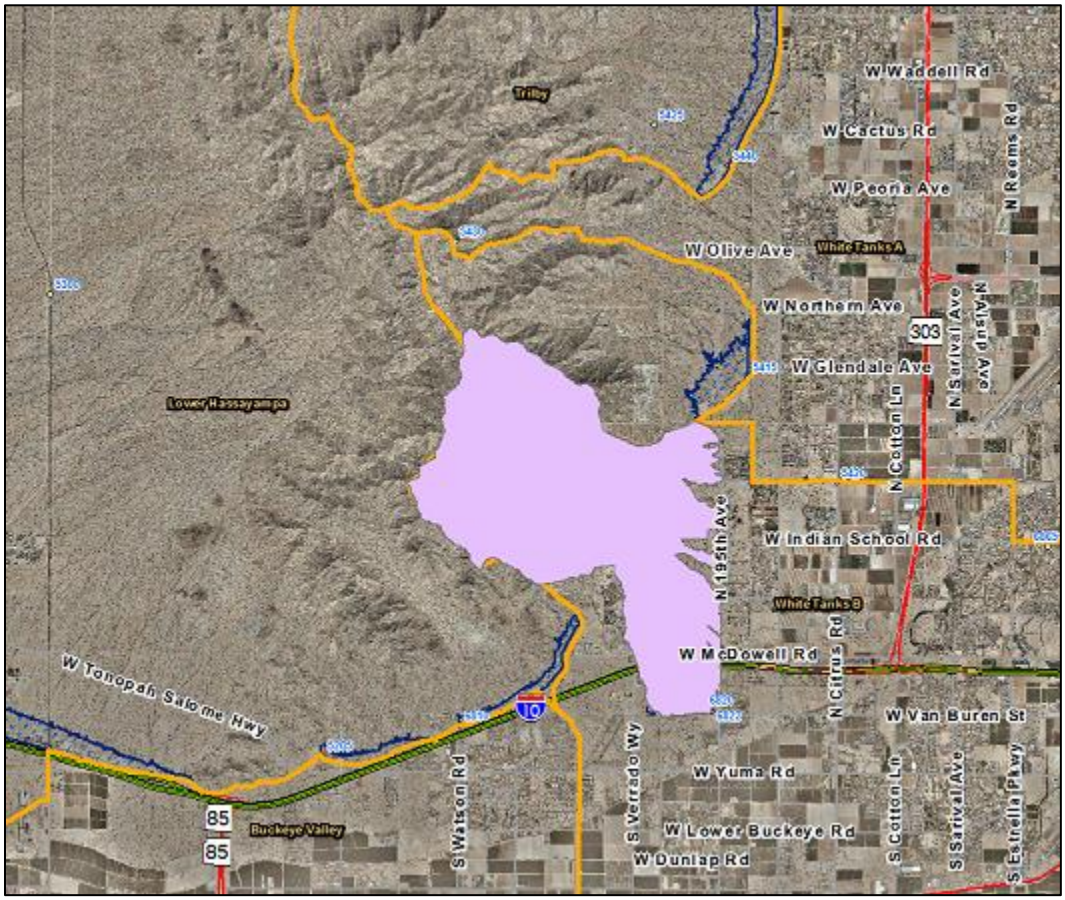
White Tanks FRS #4, ID #87807

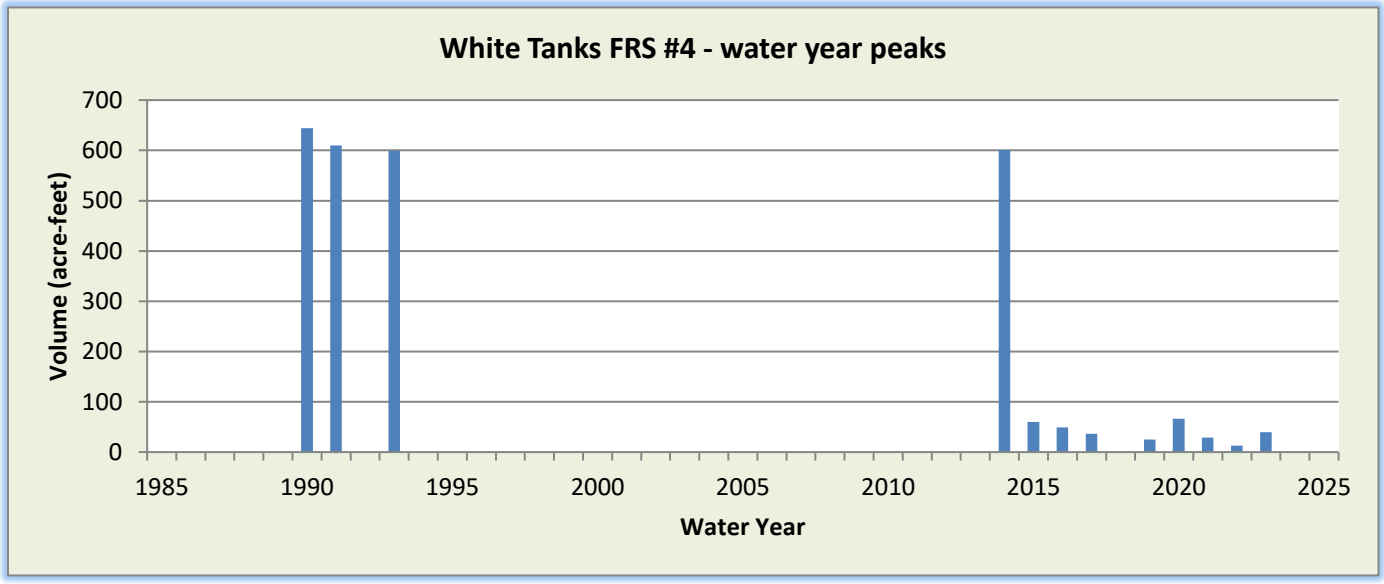


Site Data

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
ARIZONA STATE PLANE	E 523795 | N 891981
USGS QUAD SHEET	Perryville 7.5-Minute
STREAMGAGE INSTALLATION DATE	01/09/1986 - WY 1986
PERIOD OF AVAILABLE DATA RECORD	10/01/1987 - Current
LENGTH OF AVAILABLE DATA RECORD	36.00 Years | 13,149 Days
GAPS IN RECORD	06/01/2011 - 11/16/2011 | 12/13/2016 - 06/27/2017
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	-0.60 feet Gage Height
STAFF GAGES	6
CREST STAGE GAGES	0
ZERO GAGE HEIGHT ELEVATION	1,030.00 FEET NAVD88
SPILLWAY ELEVATION	23.0 FEET GAGE HEIGHT
TOP OF DAM ELEVATION	29.1 FEET GAGE HEIGT

Watershed Map

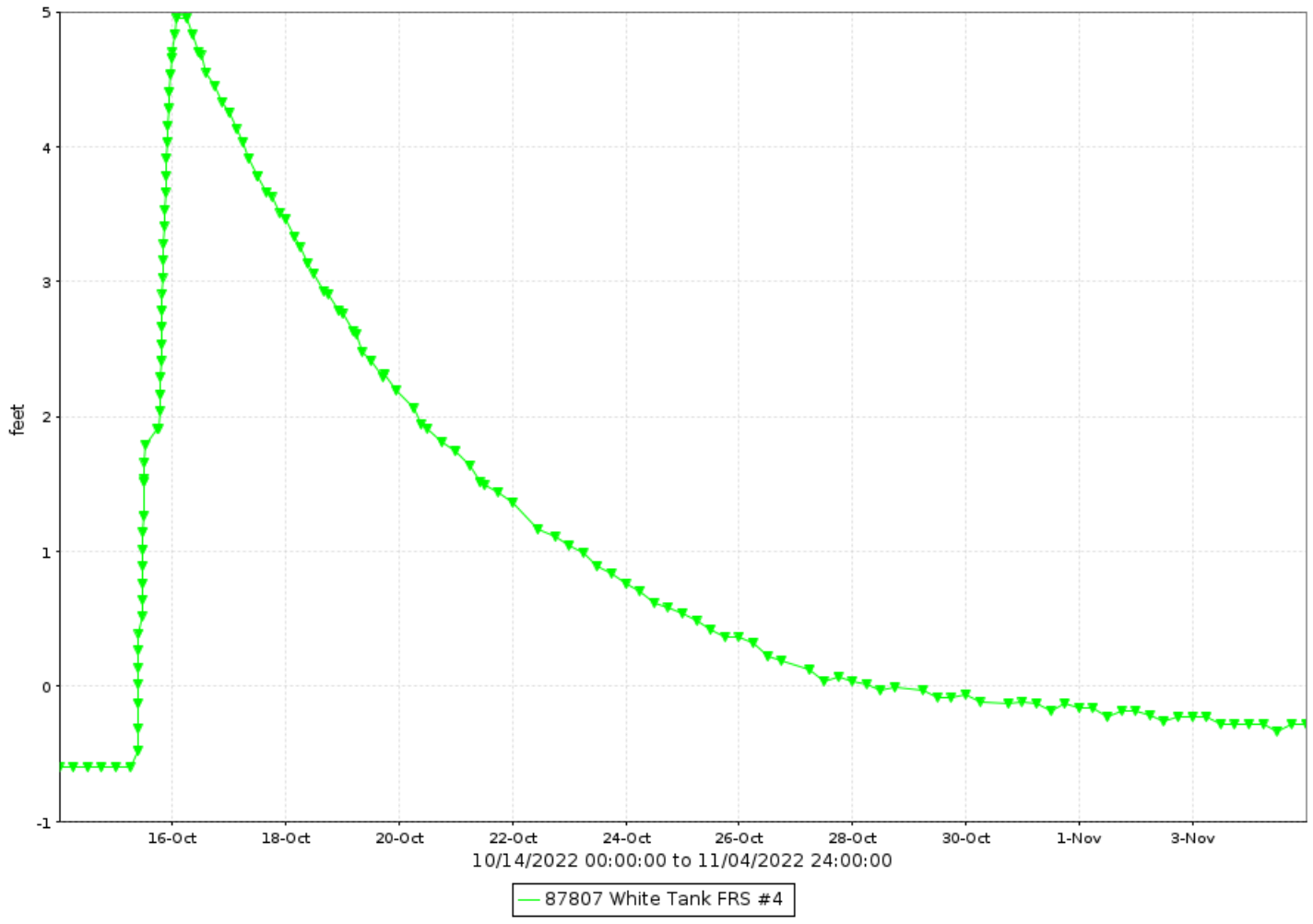




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
10/16	4.95	39.7	2.7
1/1	0.29	0.0	0.0
1/17	0.24	0.0	0.0
2/15	0.12	0.0	0.0
3/1	0.44	0.0	0.0
3/22	1.04	1.9	0.1
9/13	0.45	0.0	0.0

Hydrograph of peak WY 2023 flow event, 10/16/2022



White Tanks FRS #4, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

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 2023 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC_FT 0

White Tanks FRS #4, volume data

Volume, in acre-feet, Water Year October 2022 to September 2023

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	7											
16	36											
17	25											
18	17											
19	11											
20	7											
21	4											
22	3					1						
23	1											
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
MEAN	4	0	0	0	0	0	0	0	0	0	0	0
MAX	40	0	0	0	0	2	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 2023 MEAN 0 MAX 40 MIN 0

White Tanks FRS #4, stage data

Depth, in feet, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	-0.2	-0.2	-0.6	-0.3	-0.4	-0.2	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6
2	-0.3	-0.2	-0.6	0.2	-0.4	0.3	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6
3	-0.4	-0.3	-0.6	0.1	-0.5	0.2	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6
4	-0.4	-0.3	---	-0.0	-0.5	0.1	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6
5	-0.5	-0.3	-0.6	-0.1	-0.5	0.0	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6
6	-0.5	-0.3	-0.6	-0.1	-0.5	-0.0	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6
7	-0.5	-0.4	-0.6	-0.2	-0.6	-0.1	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6
8	-0.5	-0.4	-0.6	-0.2	-0.6	-0.1	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6
9	-0.5	-0.4	-0.6	-0.2	-0.6	-0.3	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6
10	-0.6	-0.4	-0.6	-0.3	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6
11	-0.6	-0.4	-0.6	-0.3	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6
12	-0.6	-0.4	-0.6	-0.3	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6
13	-0.6	-0.5	-0.6	-0.4	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	0.4
14	-0.6	-0.5	-0.6	-0.4	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.5
15	1.1	-0.5	-0.6	-0.4	0.1	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6
16	4.7	-0.5	-0.6	-0.3	0.0	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6
17	3.9	-0.5	-0.6	0.2	-0.0	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6
18	3.1	-0.5	-0.6	0.1	-0.1	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6
19	2.5	-0.6	-0.6	0.0	-0.1	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6
20	2.0	-0.6	-0.6	-0.0	-0.1	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6
21	1.6	-0.6	-0.6	-0.1	-0.1	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6
22	1.2	-0.6	-0.6	-0.1	-0.2	0.5	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6
23	0.9	-0.6	-0.6	-0.2	-0.2	0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6
24	0.7	-0.6	-0.6	-0.2	-0.2	0.2	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6
25	0.5	-0.6	-0.6	-0.2	-0.3	-0.3	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6
26	0.3	-0.6	-0.6	-0.3	-0.3	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6
27	0.1	-0.6	-0.6	-0.3	-0.3	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6
28	0.0	-0.6	-0.6	-0.3	-0.3	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6
29	-0.0	-0.6	-0.6	-0.4	---	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6
30	-0.1	-0.6	-0.6	-0.4	---	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6
31	-0.1	---	-0.6	-0.4	---	-0.6	---	-0.6	---	-0.6	-0.6	---
MEAN	0.5	-0.5	-0.6	-0.2	-0.4	-0.3	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6
MAX	5.0	-0.2	-0.6	0.3	0.1	1.0	-0.6	-0.6	-0.6	-0.6	-0.6	0.7
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 2023 MEAN -0.42 MAX 4.95 MIN -0.60

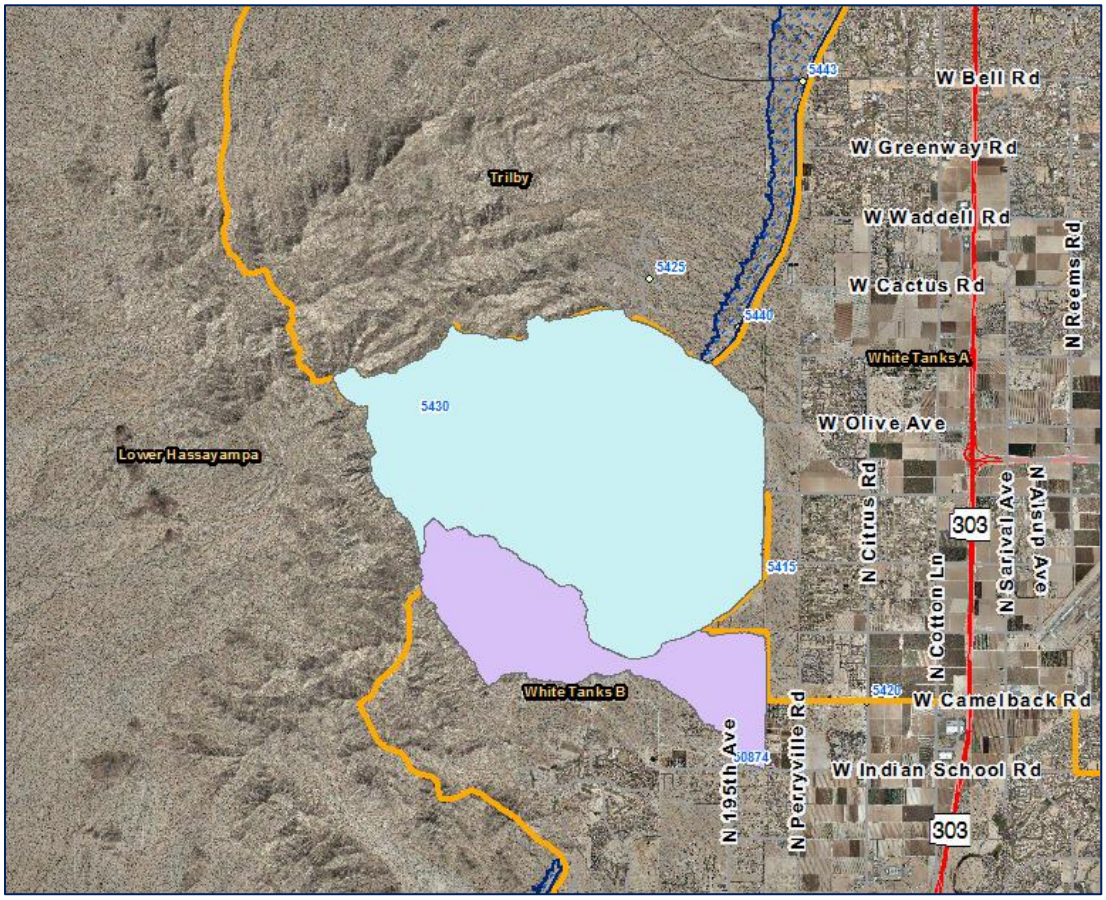
White Tank Outlet Channel, ID #87407

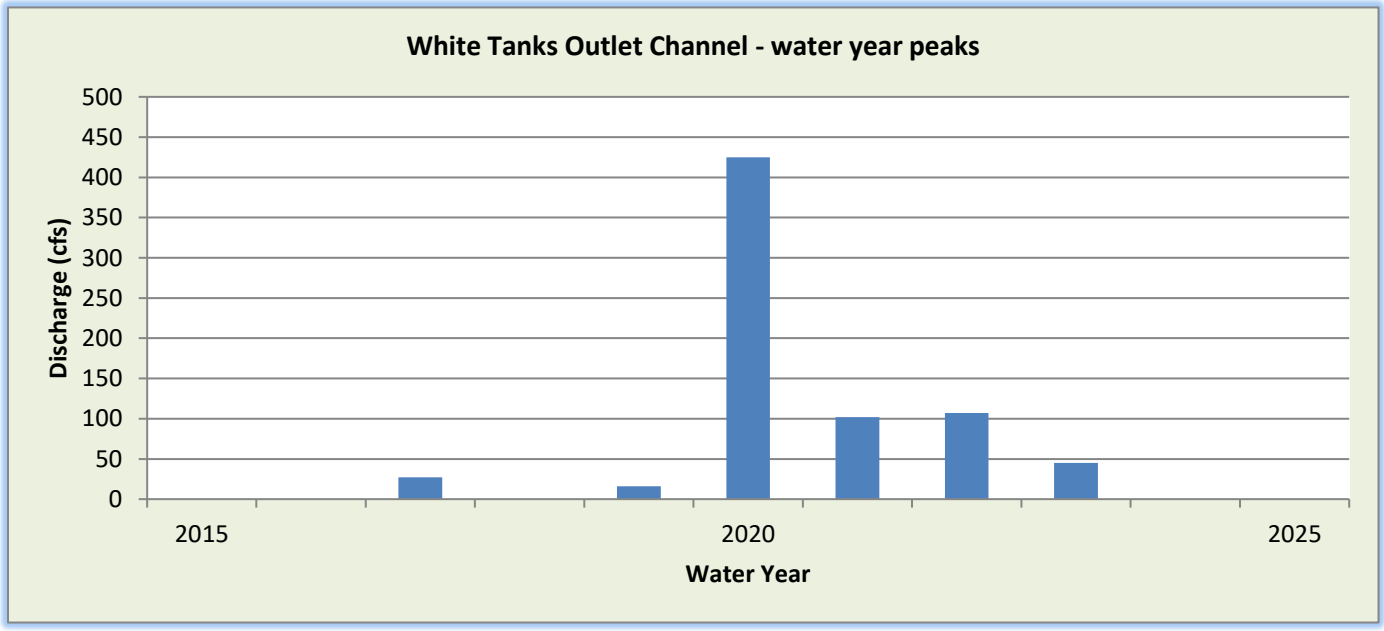


Site Data

LOCATION	Located at the northwest corner of Indian School Road and Jackrabbit Trail
DRAINAGE AREA	26.8 mi^2 (includes White Tanks #3)
STREAM TYPE	Natural
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
ARIZONA STATE PLANE	E 528480 | N 907700
USGS QUAD SHEET	Perryville 7.5-Minute
STREAMGAGE INSTALLATION DATE	12/07/2016 - WY 2017
PERIOD OF AVAILABLE DATA RECORD	12/07/2016 – Current
LENGTH OF AVAILABLE DATA RECORD	6.81 Years | 2,489 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.55 feet Gage Height
STAFF GAGES	1
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	1,153.400 feet NAVD88
POINT OF ZERO FLOW	0.00 feet Gage Height
EXTREME FOR PERIOD OF RECORD	425 cfs | 2.06 feet GH | 07/23/2020

Watershed Map

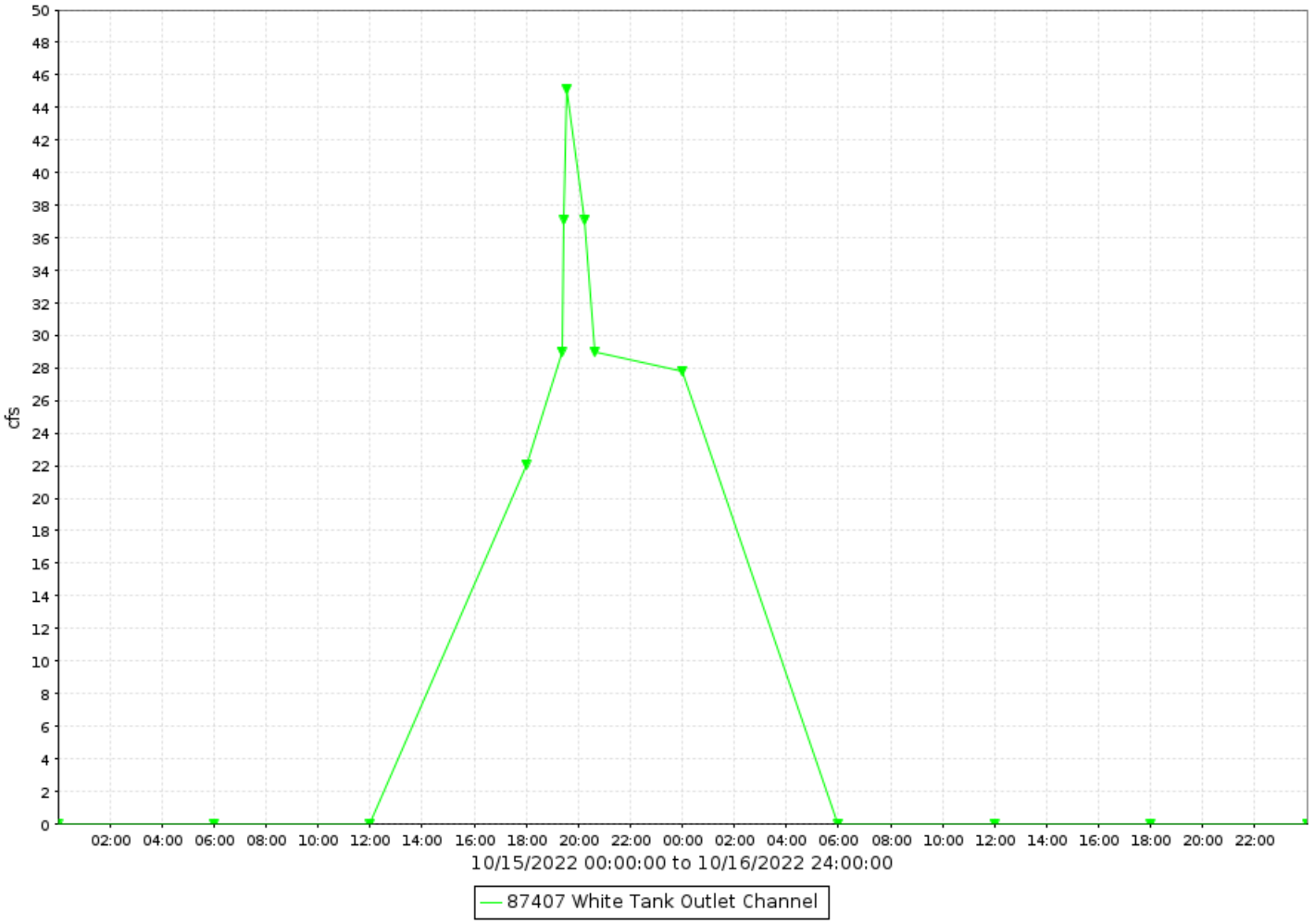




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
10/15	0.95	45
9/12	0.68	28

Hydrograph of peak WY 2023 flow event, 10/15/2022



White Tank Outfall Channel, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

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												24
14												12
15	7											
16	7											
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	14	0	0	0	0	0	0	0	0	0	0	41
MEAN	0	0	0	0	0	0	0	0	0	0	0	1
MAX	45	0	0	0	0	0	0	0	0	0	0	28
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	29	0	0	0	0	0	0	0	0	0	0	82

WTR YR 2023 TOTAL 56 MEAN 0 MAX 45 MIN 0 AC_FT 110

Whitlow Ranch Dam, ID #63307

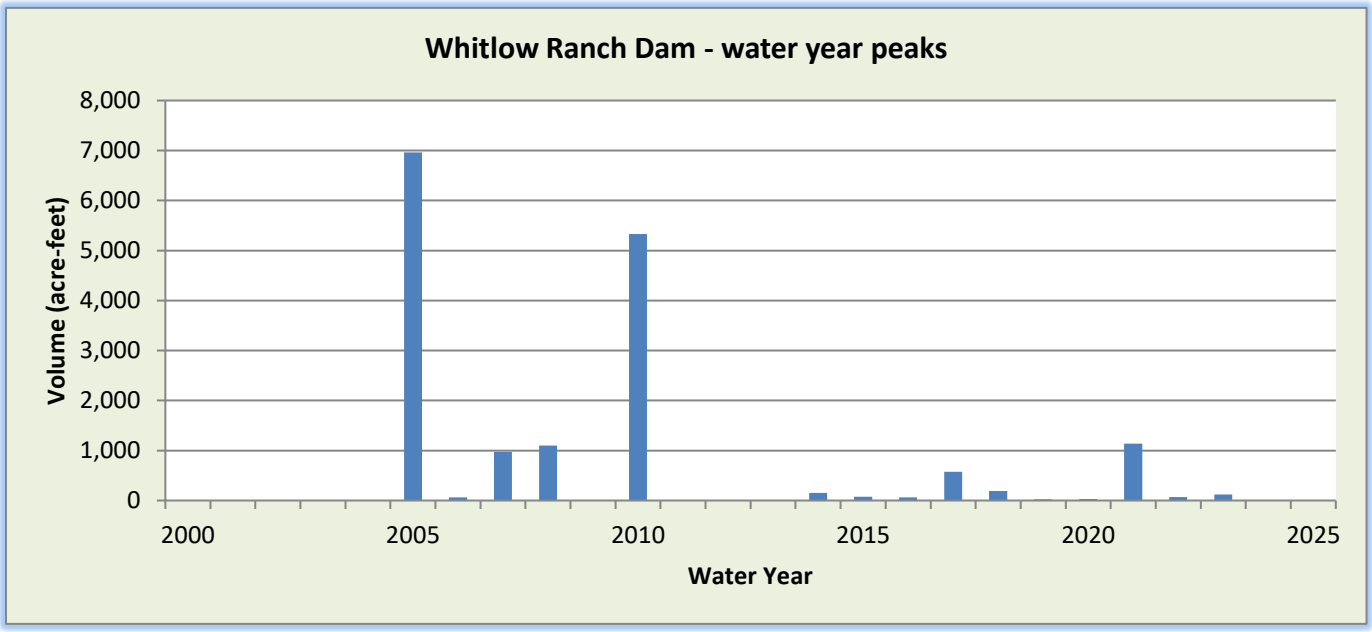


Site Data

LOCATION	East of Apache Junction near Queen Valley
DRAINAGE AREA	143.5 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
ARIZONA STATE PLANE	E 895771 | N 836925
USGS QUAD SHEET	Florence Junction 7.5-Minute
STREAMGAGE INSTALLATION DATE	01/08/1998 - WY 1998
PERIOD OF AVAILABLE DATA RECORD	08/02/2000 - Current
LENGTH OF AVAILABLE DATA RECORD	23.16 Years | 8,460 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Non-submersible Pressure Transducer
STAGE GAGE ELEVATION	11.70 feet Gage Height
STAFF GAGES	25
CREST STAGE GAGES	None
ZERO GAGE HEIGHT ELEVATION	2,057.750 feet NAVD88
POINT OF ZERO FLOW	0.00 feet Gage Height
SPILLWAY ELEVATION	110.4 feet Gage Height
TOP OF DAM ELEVATION	143.0 feet Gage Height
EXTREME FOR PERIOD OF RECORD	58.20 feet GH | 6,965 Acre-Feet (19.6% full) | 02/12/2005
EXTREME OUTSIDE PERIOD OF RECORD	71.3 feet GH | 11,939 Acre-Feet (33.5% full) | 01/11/1993

Watershed Map

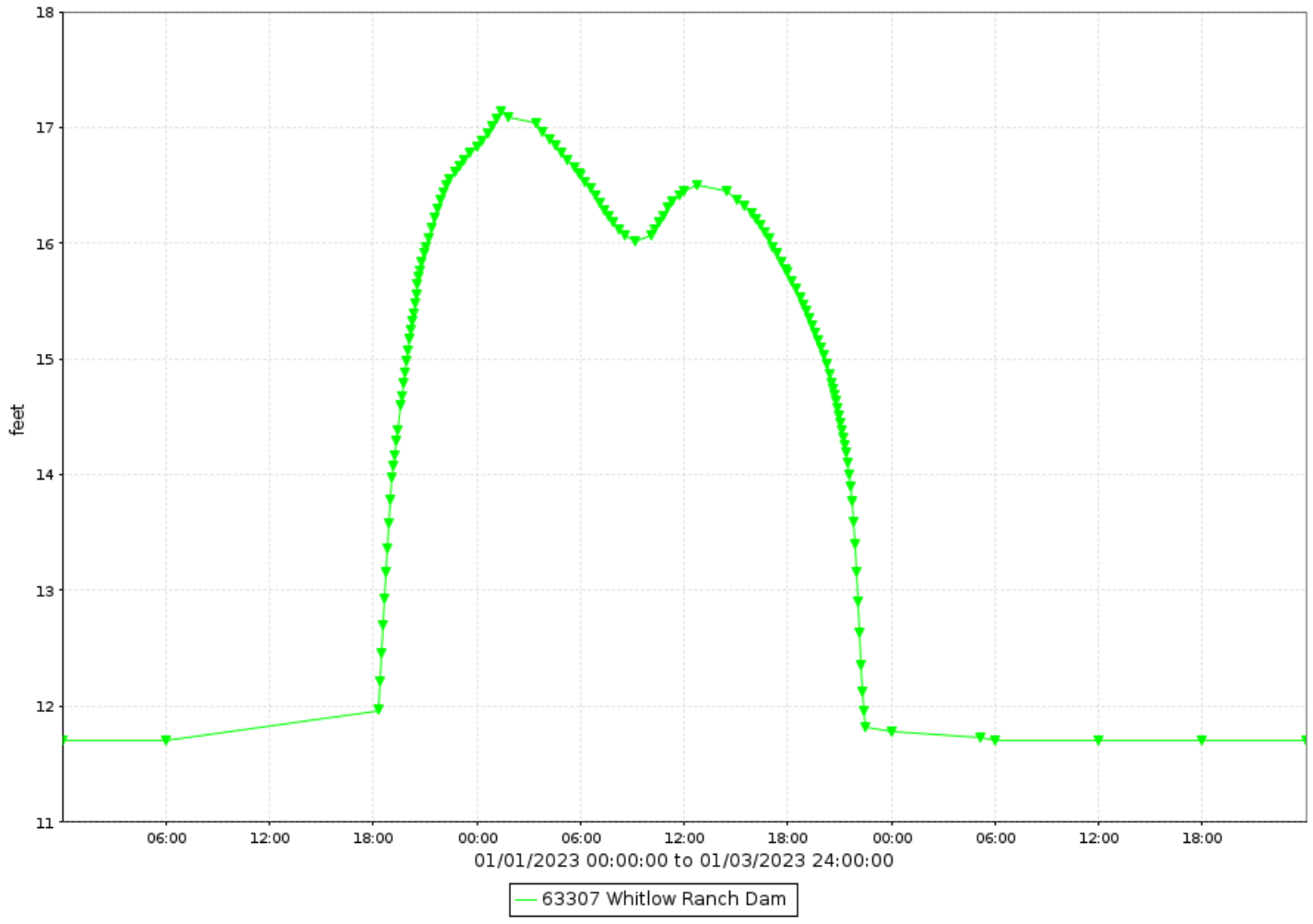




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Volume (ac-ft)	Percent Spillway Capacity
12/4	12.05	17.8	0.0
1/2	17.14	118.7	1.3
1/17	16.81	109.4	1.2
3/2	12.77	22.0	0.0
3/16	12.22	18.7	0.0
3/22	12.79	22.1	0.0
9/1	17.76	21.9	0.0

Hydrograph of peak 2023 impoundment event, 01/02/2023



Whitlow Ranch Dam, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				86				---				19
2				371		97		---				136
3				58		285		---				
4			36			210		---				
5				---				---				
6				---				---				
7				---				---				
8				---				---				---
9								---				---
10								---				---
11								---				---
12								---				---
13								---				
14								---				
15				35				---				
16				261		82		---				
17				373				---				
18				280				---				
19								---				
20								---				
21								---				
22						101		---				
23						57		---				
24								---				
25								---				
26							---	---				
27							---	---				
28							---	---				
29					---		---	---				
30					---		---	---				
31		---			---		---		---			---
TOTAL	0	0	36	1464	0	832	0	0	0	0	0	154
MEAN	0	0	1	47	0	27	0	0	0	0	0	5
MAX	0	0	278	393	0	303	0	0	0	0	0	302
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC_FT	0	0	70	2903	0	1651	0	0	0	0	0	306

WTR YR 2023 TOTAL 2486 MEAN 7 MAX 393 MIN 0 AC_FT 4931

Whitlow Ranch Dam, volume data

Volume, in acre-feet, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				18				---				1
2				86		6		---				8
3				3		19		---				
4			2			14		---				
5				---				---				
6				---				---				
7				---				---				
8				---				---				---
9								---				---
10								---				---
11								---				---
12								---				---
13								---				
14								---				
15				2				---				
16				45		5		---				
17				84				---				
18				18				---				
19								---				
20								---				
21								---				
22						7		---				
23						4		---				
24								---				
25								---				
26							---	---				
27							---	---				
28							---	---				
29					---		---	---				
30					---		---	---				
31		---			---		---		---			---
MEAN	0	0	0	8	0	2	0	0	0	0	0	0
MAX	0	0	18	119	0	22	0	0	0	0	0	22
MIN	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 2023 MEAN 1 MAX 119 MIN 0

Whitlow Ranch Dam, stage data

Depth, in feet, Water Year October 2022 to September 2023

Daily Mean Values

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11.7	11.7	11.7	12.6	11.7	11.7	11.7	---	11.7	11.7	11.7	11.7
2	11.7	11.7	11.7	15.9	11.7	11.9	11.7	---	11.7	11.7	11.7	11.8
3	11.7	11.7	11.7	11.7	11.7	12.3	11.7	---	11.7	11.7	11.7	11.7
4	11.7	11.7	11.7	11.7	11.7	12.0	11.7	---	11.7	11.7	11.7	11.7
5	11.7	11.7	11.7	---	11.7	11.7	11.7	---	11.7	11.7	11.7	11.7
6	11.7	11.7	11.7	---	11.7	11.7	11.7	---	11.7	11.7	11.7	11.7
7	11.7	11.7	11.7	---	11.7	11.7	11.7	---	11.7	11.7	11.7	11.7
8	11.7	11.7	11.7	---	11.7	11.7	11.7	---	11.7	11.7	11.7	---
9	11.7	11.7	11.7	11.7	11.7	11.7	11.7	---	11.7	11.7	11.7	---
10	11.7	11.7	11.7	11.7	11.7	11.7	11.7	---	11.7	11.7	11.7	---
11	11.7	11.7	11.7	11.7	11.7	11.7	11.7	---	11.7	11.7	11.7	---
12	11.7	11.7	11.7	11.7	11.7	11.7	11.7	---	11.7	11.7	11.7	---
13	11.7	11.7	11.7	11.7	11.7	11.7	11.7	---	11.7	11.7	11.7	11.7
14	11.7	11.7	11.7	11.7	11.7	11.7	11.7	---	11.7	11.7	11.7	11.7
15	11.7	11.7	11.7	11.8	11.7	11.7	11.7	---	11.7	11.7	11.7	11.7
16	11.7	11.7	11.7	14.2	11.7	11.8	11.7	---	11.7	11.7	11.7	11.7
17	11.7	11.7	11.7	15.9	11.7	11.7	11.7	---	11.7	11.7	11.7	11.7
18	11.7	11.7	11.7	12.1	11.7	11.7	11.7	---	11.7	11.7	11.7	11.7
19	11.7	11.7	11.7	11.7	11.7	11.7	11.7	---	11.7	11.7	11.7	11.7
20	11.7	11.7	11.7	11.7	11.7	11.7	11.7	---	11.7	11.7	11.7	11.7
21	11.7	11.7	11.7	11.7	11.7	11.7	11.7	---	11.7	11.7	11.7	11.7
22	11.7	11.7	11.7	11.7	11.7	11.9	11.7	---	11.7	11.7	11.7	11.7
23	11.7	11.7	11.7	11.7	11.7	11.7	11.7	---	11.7	11.7	11.7	11.7
24	11.7	11.7	11.7	11.7	11.7	11.7	11.7	---	11.7	11.7	11.7	11.7
25	11.7	11.7	11.7	11.7	11.7	11.7	11.7	---	11.7	11.7	11.7	11.7
26	11.7	11.7	11.7	11.7	11.7	11.7	---	---	11.7	11.7	11.7	11.7
27	11.7	11.7	11.7	11.7	11.7	11.7	---	---	11.7	11.7	11.7	11.7
28	11.7	11.7	11.7	11.7	11.7	11.7	---	---	11.7	11.7	11.7	11.7
29	11.7	11.7	11.7	11.7	---	11.7	---	---	11.7	11.7	11.7	11.7
30	11.7	11.7	11.7	11.7	---	11.7	---	---	11.7	11.7	11.7	11.7
31	11.7	---	11.7	11.7	---	11.7	---	11.7	---	11.7	11.7	---
MEAN	11.7	11.7	11.7	12.1	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7
MAX	11.7	11.7	12.1	17.1	11.7	12.8	11.7	11.7	11.7	11.7	11.7	12.8
MIN	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7

WTR YR 2023 MEAN 11.74 MAX 17.14 MIN 11.70

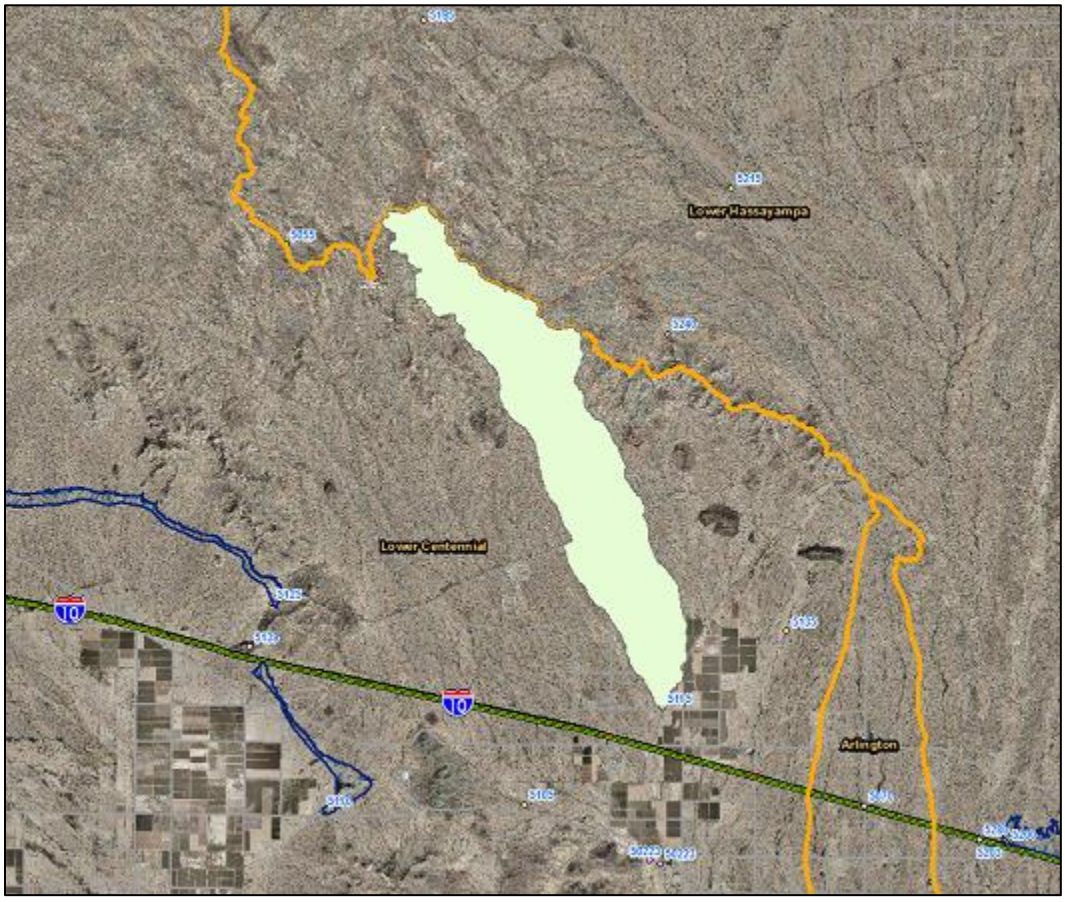
Winters Wash, ID #25507

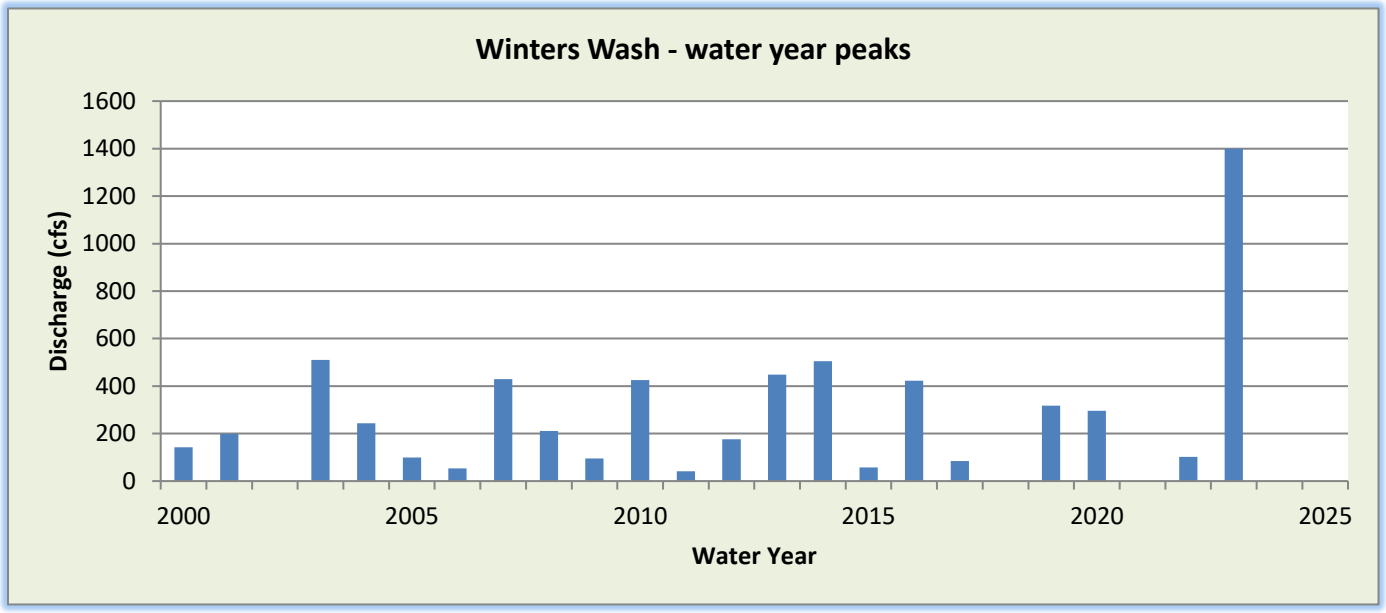


Site Data

LOCATION	Located north of Camelback Road and west of 395th Avenue
DRAINAGE AREA	28.9 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
ARIZONA STATE PLANE	E 396542 | N 914090
USGS QUAD SHEET	Hot Rock Mountain 7.5-Minute
STREAMGAGE INSTALLATION DATE	07/11/2000 - WY 2000
PERIOD OF AVAILABLE DATA RECORD	07/11/2000 - Current
LENGTH OF AVAILABLE DATA RECORD	23.22 Years | 8,482 Days
GAPS IN RECORD	None
STAGE GAGE TYPE	Pressure Transducer
STAGE GAGE ELEVATION	0.51 feet Gage Height
STAFF GAGES	0
CREST STAGE GAGES	1
ZERO GAGE HEIGHT ELEVATION	1,120.00 feet NAVD88
POINT OF ZERO FLOW	0.2 feet Gage Height
EXTREME FOR PERIOD OF RECORD	510 cfs | 3.30 feet | 07/29/2003

Watershed Map

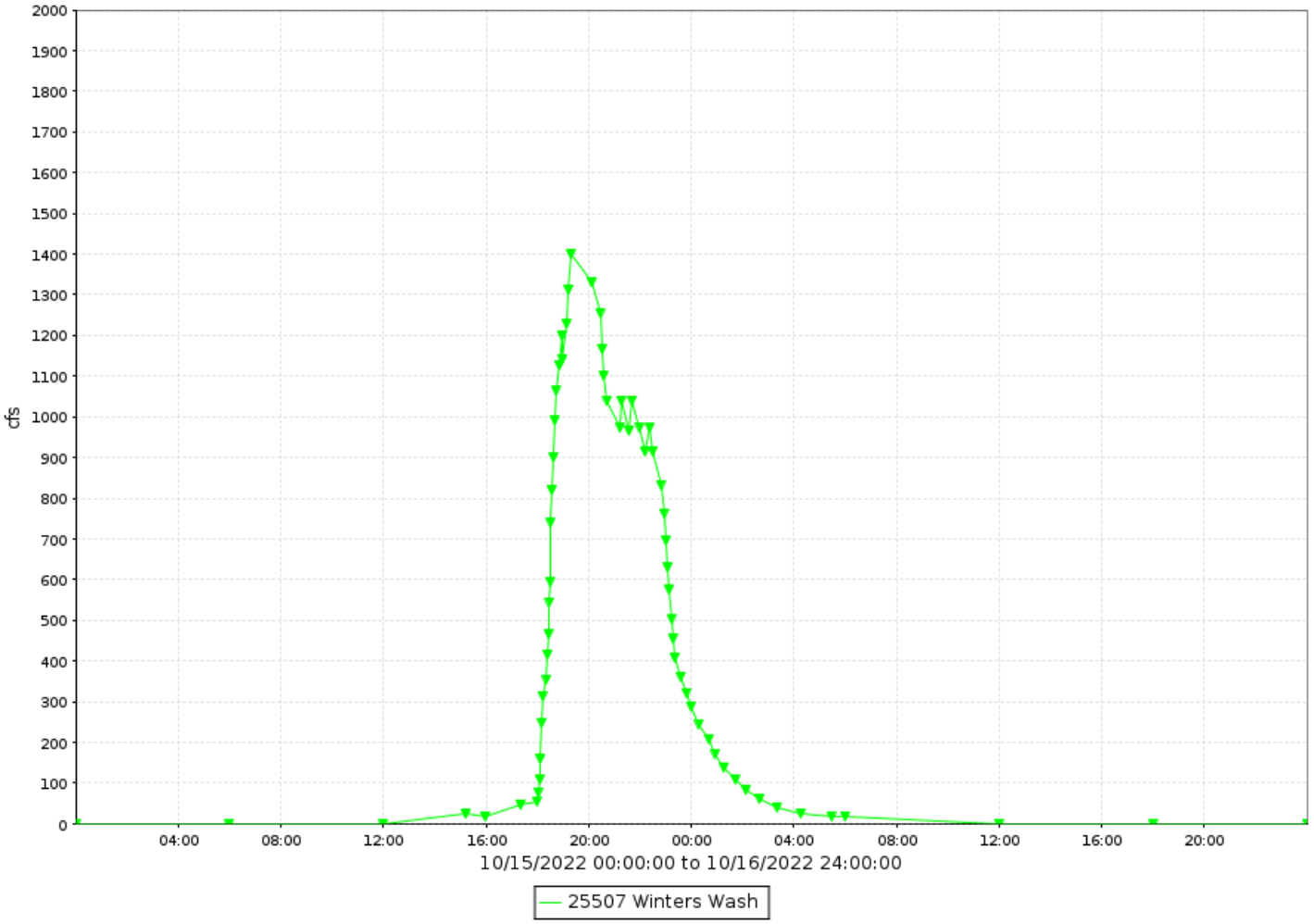




WY2023 Events

Date of Peak	Peak Gage Height (feet)	Peak Discharge (cfs)
10/15	4.27	1400

Hydrograph of peak 2023 impoundment event, 10/15/2022



Winters Wash, runoff data

Discharge, in cfs-days, Water Year October 2022 to September 2023

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	235											
16	28											
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	263	0	0	0	0	0	0	0	0	0	0	0
MEAN	8	0	0	0	0	0	0	0	0	0	0	0
MAX	1400	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	521	0	0	0	0	0	0	0	0	0	0	0

WTR YR 2023 TOTAL 263 MEAN 1 MAX 1400 MIN 0 AC_FT 521

End of Report