Comprehensive Agreement No. 1

Thirteenth Annual Report

FY26
(July 1, 2025 – June 30, 2026)

BIG CHINO SUB-BASIN
WATER MONITORING PROJECT
PRESCOTT - PRESCOTT VALLEY - SRP

Prepared by:

CITY OF PRESCOTT
ARIZONA

PRESCOTT VALLEY

SRP®

10/19/2026

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Introduction

This thirteenth annual report documents activities that occurred during the July 1, 2025, to June 30, 2026, timeframe for both the Monitoring and Modeling Committees (Committees) established by Comprehensive Agreement #1 (CA#1). This contractual agreement was scheduled to be an eight-year project with all Parties contributing a total of $5.6 million dollars to monitor, model, and document the hydrology of the Big Chino Sub-basin and the headwaters of the Upper Verde River. Work on this project is now nearing completion, as the groundwater flow model is undergoing final refinement in anticipation of running the model for climate and development scenario evaluation.

Since late 2012, the Committees have worked to implement the Data Collection and Monitoring Plan (DCMP) for the purpose of developing an improved numerical groundwater flow model of the Big Chino Sub-basin as described in the exhibits attached to CA#1 (City Contract No. 2013-058). Monitoring continues for this project in an effort to better characterize the hydrology of the Big Chino Sub-basin and provide support for modeling efforts. Few monitoring contracts from the 2012-2020 timeframe remain active, but those that are active continue to yield additional high-quality data for the modeling project. Previous annual reports contain detailed information related to those earlier monitoring contracts and results. Only active monitoring contracts are presented in this annual report.

Groundwater modeling work commenced with Golder Associates Inc., now known as WSP USA, Inc. (WSP) on February 28, 2017. The project is outlined in City Contract No. 2017-246 and its amendments. WSP finished the preliminary construction of the model on October 25, 2024, and the model was turned over to the Specialized Technical Consultants (STCs) for final refinement and model sensitivity analysis. The STCs were working on the model as of the end of the FY26 period.

This Annual Report is comprised of the following sections:

- Background
- Summary of 2026 (FY26) Accomplishments
- Financial Summary with Project Updates

Background

At a joint meeting on September 19, 2012, the Councils for the City of Prescott and the Town of Prescott Valley unanimously approved a comprehensive water monitoring and groundwater modeling agreement, referred to hereafter as CA#1, with Salt River Project and Salt River Valley Water Users' Association (SRP) regarding the Big Chino Water Ranch Project. The CA#1 agreement was authorized by SRP's Board on September 10, 2012.

The CA#1 evolved from over two years of discussions between Prescott, Prescott Valley, and SRP ("the Parties") to implement a plan consistent with the February 11, 2010, Agreement in Principle (AIP), City Contract No. 2010-128. The AIP resolved longstanding differences pertaining to water rights in the Big Chino Sub-basin, set forth a framework for future agreements, ended litigation between the Parties regarding plans to pump groundwater from the Big Chino Sub-basin as authorized by Arizona Revised Statutes - §45-555, and required the Communities to mitigate their impact from Big Chino Sub-basin water withdrawals on the flow in the Upper Verde River.

CA#1 established a program for enhanced water monitoring and modeling of groundwater flows in the Big Chino, confirmed rights to water arising from within the Prescott Active Management Area, and achieved a mutual agreement by all the Parties not to challenge those rights. CA#1 is a long-term commitment to construct, implement, and maintain the monitoring and modeling program, with the Parties sharing in the long-term cost.

The primary object of the monitoring program was to create a robust, multi-decadal dataset that could be used for model calibration and model results comparisons—two key practices that are essential when reproducing hydrologic flows using numerical models. The primary objective of the numerical groundwater flow model was to, "...develop a multilayered numerical groundwater flow model of the Big Chino Sub-basin and surrounding area that can inform resource managers about potential effects of groundwater pumping on the potentiometric surface, evapotranspiration, stream baseflow, and spring discharge" (Source: City Contract No. 2013-058, Exhibit 3).

Note this objective was part of the original CA#1. The work was ultimately completed through a competitive process where WSP (then known as Golder) was selected. Subsequent work by the Specialized Technical Consultants (STCs) has further refined and accomplished the above goals by refining the WSP model to better represent the Big Chino Sub-basin's natural hydrology.

Summary of FY26 Accomplishments

Meetings

Monthly meetings of the Monitoring and Modeling Committees continued. Those monthly meetings frequently included the Specialized Technical Consultants (STCs), (i.e., Spheros Environmental [previously known as LRE Water] and Matrix New World Engineering) to discuss the draft numerical groundwater flow model and updates and changes needed for model optimization. Additionally, the STCs met several times a month to discuss model refinement throughout that process.

Meetings – STC Focused

The STCs worked collaboratively to continue updating the model in preparation for exercises. The STCs made several enhancements to the model, including updating the model to include data collected since 2018, importing the model into the newest version of MODFLOW, assessing model sensitivity to observations and parameters, and recalibrating the model after inclusion of all changes. During FY26 the STCs met regularly to discuss their respective updates, evaluate and decide how each task was to proceed. These modeler meetings were attended by the CA#1 technical representatives, but the meetings were run by and for the STCs as they moved through the project. The work tasks specified for the STCs project are shown in **Table 1**.

Table 1. Work tasks within the STC model refinement project

Item	Work Task
1	Phase 1 – Change drain and drain return packages to stream package
2	Phase 2 – Update model inputs
3	Phase 3 – Calibration given changes to the model and extend model inputs through 2025
4	Monitoring program review and recommendations for adding or removing monitoring points
5	Project communication and deliverables documenting the project

Meetings – Principals Focused

On September 17, 2025, a meeting of the CA#1 Principals was held. Present at the meeting were City of Prescott Manager Dallin Kimble, Town of Prescott Valley Deputy Manager Ryan Judy, and SRP Director of Water Rights and Strategy Lucas Shaw. Each Parties' Technical Representative

and the Specialized Technical Consultants attended to address the status of the Big Chino Sub-basin model "Updates to Perform Projection Scenarios" project memorandum dated February 12, 2025.

Executed Documents or Coordinated Activities

- United States Geological Survey (USGS) JFA 26ZFJFA00411900

  A fixed cost agreement with the USGS was executed for the continued monitoring of Williamson Valley Wash gauge (09502800) from October 1, 2025, through September 30, 2028.

- City Contract No. 2025-173

  This contract replaced City Contract No. 2022-154 (Ephemeral Streamflow Monitoring) and its amendments. It was executed with SRP on July 14, 2025, and allows for annual renewals for up to 3 years (April 2026, 2027, and 2028).

- IGA December 19, 2024 (Contract # 2024-3195IGA) with Arizona Department of Water Resources (ADWR)

  An IGA between the City (as fiduciary to the CA#1) and ADWR to continue the maintenance and monitoring of seven automated GWSI Index well sites. The contract is effective through June 30, 2027.

Public Information

- City of Prescott website:
  https://www.prescott-az.gov/water-sewer/water-management/big-chino-water-ranch-project/
- Town of Prescott Valley website:
  https://www.prescottvalley-az.gov/departments/utilities/water_resources/pv_water_future.php
- SRP website:
  https://www.watershedconnection.com/community+involvement/collaboration/big+chino+aquifer+monitoring+program that includes an overview of the CA#1 Monitoring and Modeling program and Flowtography, https://streamflow.watershedconnection.com/Content/pdf/SRPFlowtography.pdf

Reports Completed

Big Chino Sub-basin Water Monitoring Project, July 1, 2025 – June 30, 2026, Annual Report for CA#1 Monitoring Committee (**Appendix I**)

Financial Summary

In accordance with CA#1, the Parties funded the project with annual contributions to an account managed by the City of Prescott. All monies were paid into this project as of FY19.

The overall monitoring project account balance and FY26 expenditures as of June 30, 2026, were $417,343.93 and $94,802.15, respectively. Similarly, the overall modeling project account balance and FY26 expenditures as of June 30, 2026, were $0.00 and $0.00, respectively. Remaining CA#1 funds now reside in the monitoring portion of the budget. A detail of expenditures for FY26 only is shown in **Table 2**.

Table 2 – Contract Expenditures in FY26

Contractor Name, Number	Description	Amount
SRP, Contract No. 2025-173[1]	New Stream Gages (Flowtography and weather equipment)	$58,266.21
SRP, Contract No. 2025-173[1]	Existing Stream Gage (Headwaters)	$15,235.94
USGS, 26ZFJFA00411900[2]	Surface Water Gauging (Williamson Valley Wash)	$21,300.00
ADWR IGA Contract No. 2024-3195IGA[3]	Installation of monitoring equipment and data collection	$0
	Monitoring Total	**$94,802.15**
Golder Associates (WSP), Contract No. 2017-246 with Amendment 1-8, and Contract Allowance Authorizations[4]	Modeling Contract	$0
	Modeling Total	**$0**
	Combined Total	**$94,802.15**

Note: Expenditures are broken down by the original financial accounts structure that identified costs by the descriptions shown.

1. Previous contracts with the City include 2022-154, 2014-001, 001A1, and 001A2.

2. Previous contract code 24ZFJFA00411900 with the City.

3. Previous contract code 2020-136 with the City.

4. This contract is no longer active.

As a result of overall project savings, funds are available for ongoing expenses in the near-term, subject to the Parties' consensus for use. Future contributions may be necessary if additional work is planned and approved by the CA#1 Parties.

Continued modeling efforts by the STCs have been addressed through the respective Parties' individual budgets, with SRP contracting with Spheros, and Prescott and Prescott Valley contracting with Matrix. Those efforts are discussed in the Modeling Project section below.

Monitoring Project – Equipment

Since the commencement of the project, the Parties and their STCs have worked with ADWR, USGS, Yavapai County Flood Control District, and others to develop a network of monitoring equipment in the Big Chino Sub-basin. This equipment, and the resulting data inventory, supports the development and testing of the groundwater flow model.

No new equipment was installed in FY26 except where needed to replace broken or missing equipment (as per Contract No. 2025-173) due to run-off events. Existing data collection types are listed below, and their basic details are shown in maps, figures, and tables in the appendices.

- Streamflow Monitoring – See **Appendix I** for SRP's Big Chino Sub-basin Water Monitoring Project, July 1, 2025 – June 30, 2026, Annual Report for CA#1 Monitoring Committee. **Figures 1-3** show surface water monitoring locations and data for FY26. Additional references are made to this report's equipment in **Figures 1-3 and Appendix II**.
- Groundwater Level Monitoring – See **Figures 4-6** for figures showing locations of groundwater monitoring locations and data, and **Appendix II** for tabular information on those locations.
- Weather Monitoring – See **Figures 7-8** for locations and data, and **Appendix II** for tabular information.
- Crop Survey and Estimated Crop Water Use – See **Figures 9-1 to 9-5** for data plots.

Monitoring Project – Analytical Results and Data Collected

The results of data collection and data interpretation efforts are provided in separate reports and databases produced and managed by each responsible agency, as detailed below. One of the duties of the CA#1 Monitoring Committee is to coordinate and monitor these data collection and reporting efforts to produce results that are useful for the groundwater modeling and monitoring purposes outlined in CA#1. A brief explanation of active contracts or in-kind efforts are documented below.

<u>Streamflow Monitoring</u> – monitoring of streamflow in the Big Chino Sub-basin is conducted by SRP Aquifer Management and Data Analytics, and USGS under contract with the CA#1 project. The USGS also maintains other stream gauges in the area, but those efforts are outside of the

CA#1 contract. Further, flow stage data is collected by Yavapai County Flood Control District (YCFCD) for their flood warning purposes, and several new locations were installed that were deemed beneficial to both YCFCD and CA#1 needs. The Parties appreciated that YCFCD assumed the cost of these gauges.

- Efforts by SRP
  SRP Aquifer Management and Data Analytics collects streamflow data and other information at ten (10) locations in the Big Chino Sub-basin under the previously noted contract with the Parties. During July 2025-June 2026, flows were observed at some locations. The complete FY26 report is attached as **Appendix I**. The monitoring locations are shown in **Figure 1**, while the annual hydrographs are shown in **Figures 2 and 3**.

- Efforts by USGS
  The USGS operates several stream gauges in the Big Chino Sub-basin. The Williamson Valley Wash near Paulden, AZ gauge (station number 09502800, data plot shown in **Figure 10**) is funded through the CA#1 program (renewed annually), and the Verde River near Paulden, AZ gauge (station number 09503700, data plot shown in **Figure 10**) is funded through a separate program with SRP, the USFS, and the USGS (**Figure 1**). In 2017, USGS installed the Big Chino Wash at Paulden, AZ gauge (station number 09502830). Streamflow records for these sites are maintained by the USGS in their online database, https://waterdata.usgs.gov/state/Arizona/.
  Site locations for the first two gauges are shown in **Figure 1**.

- Efforts by YCFCD
  YCFCD collects flow stage data at four (4) locations in the Big Chino Sub-basin: Ashfork Draw at I-40 (ID 3868), Partridge Creek at I-40 (ID 3873), Big Chino Wash at Highway 89 (ID 3828), and Walnut Creek at Walnut Creek Bridge (ID 410). The CA#1 Committee and SRP Aquifer Management and Data Analytics evaluated these sites for their usefulness in converting flood stage data into streamflow records. Of the listed sites only the Walnut Creek Bridge stage data has been used for calculating streamflow.

Groundwater Monitoring – Groundwater level monitoring efforts continued to be completed through regular water level monitoring efforts by the Arizona Department of Water Resources (ADWR). ADWR annually collects water levels at select wells in the project area as part of their Basic Data program and basin-wide sweeps that are generally scheduled every five (5) years. The last "sweep" of the Big Chino Sub-basin occurred during February through May 2022. The Parties hold a contract with ADWR, IGA Contract No. 2024-3195IGA, for additional measurements at the new monitoring wells that were drilled as part of CA#1 (generally identified with "MW-4b to 4g").

Monitoring well locations are shown in **Figure 4**, while groundwater level data collected during FY26 is shown in **Figures 5 and 6**.

Climate and Weather Monitoring – The CA#1 Parties reference other agencies that collect and make climate assessments. Those are listed in **Appendix II, Climate Monitoring, Publicly Accessible Repositories for Climate Data**. Efforts to track specific weather stations, both installed with CA#1 funds or in partnerships with other agencies, are listed in **Appendix II, Climate Monitoring, Existing Weather Stations in the Big Chino Sub-basin**. These weather stations are also shown in **Figures 7-8**. During FY26 the accumulated precipitation in the CA#1 study area ranged from approximately 6 to 12 inches.

Crop Surveys and Estimated Crop Water Use – The USGS and ADWR have had a longstanding contract to conduct crop surveys in what ADWR determines to be critical basins for observation. The Big Chino Sub-basin is not a location that is monitored every year. As such, the USGS, in contract with SRP, conducts crop surveys in the Big Chino Sub-basin. USGS utilizes crop survey methods developed from publications titled "Water Withdrawals for Irrigation, Municipal, Mining, Thermoelectric-Power, and Drainage Uses in Arizona Outside of Active Management Areas, 1991-2000 (https://pubs.usgs.gov/sir/2004/5293/pdf/sir20045293.pdf)" and "Documentation of Methods and Inventory of Irrigation Data Collected for the 2000 and 2005 USGS *Estimated Use of Water in the United States,* Comparison USGS-Compiled Irrigation Data to Other Sources, and Recommendations for Future Compilations (https://pubs.usgs.gov/sir/2011/5166/sir2011-5166.pdf)."

The results for 2025 are shown in **Table 3** and illustrated in **Figures 9-1 through 9-5**. Each year the CA#1 Parties collect the compiled data for inclusion in their annual report. The basic conclusions that can be drawn from 2025 data include:

- Approximately 32.8% of the irrigable lands that were surveyed were being irrigated in 2025 (1,446 cropped acres). See Table 3 below (and in each of the past annual reports) for a history of cropped acres and consumptive use since 2013.
- Approximately 2,386 acre-feet were calculated based on consumptive use to irrigate this year's cropping pattern.
- Approximately 1.7 acre-feet of water was used per crop acre.

Analysis of trends of measured cropped acres and consumptive water use since 2013 are shown in **Figure 11**. The overall trend has been downward over time.

Table 3 – 2025 Crop Survey (Acres Irrigated)

Crops	Upper Big Chino	Paulden	Walnut Creek	Williamson	Turkey Canyon	Total
ALFALFA	0	0	18	0	55	73
GRASS	0	54	47	564	270	935
GRAIN	0	0	0	0	0	0
PASTURE	0	0	38	126	154	318
SOD	0	60	0	0	0	60
VEGETABLE	0	60	0	0	0	60
Total Crop Acres	**0**	**174**	**103**	**690**	**479**	**1446**
No Crop Evident	**1849**	**338**	**143**	**634**	**0**	**2964**
Calculated Consumptive Use (acre-feet)	**0**	**138**	**185**	**1412**	**651**	**2386**

Modeling Project

Specialized Technical Consultants for the CA#1 reviewed the Big Chino Sub-basin groundwater flow model developed by WSP, as detailed in their October 25, 2024, final deliverable. The goal of this model is to create a hydrogeologically defensible tool for groundwater management of the Big Chino Sub-basin that can be used to evaluate the potential impact of future groundwater pumping on baseflows of the Upper Verde Springs. While much of the foundational work in the existing Big Chino Sub-basin Model is valuable to the CA#1, the joint opinion of the STCs is that additional changes are required before running future growth and pumping projection scenarios.

Groundwater flow modeling is inherently iterative, requiring flexibility and adaptation as new information emerges. To improve the model's reliability, the STCs recommended making changes in several phases. At the time of this annual report, the stream package had been incorporated successfully into the model and calibration efforts were ongoing, see section Meetings-STC Focused and **Table 1.**

Conclusions

Activities for the FY26 project year focused on the STCs refining the model, assessing model uncertainty and addressing excessive model run times.

Project monitoring activities will continue through the coming fiscal year. The CA#1 parties remain in contract with ADWR, SRP, and USGS.

The project's funding at the close of FY26 is $417,343.93; this is broken out into $83,657.85 that is encumbered and $333,686.08 as available to spend. Communication among the Parties, with their STCs, and with the relevant contracted agencies (e.g., ADWR, USGS, etc.) will continue as work continues in FY27.

Future work includes both the monitoring and modeling components of CA#1. The existing monitoring contracts will continue but will need assessment as those contracts expire or data collection is no longer needed at those sites. As model refinement is completed, the Parties and STCs will begin planning what exercises to run the model through to explore how different land use and climate changes in the Big Chino Sub-basin affect water flow within the model. The Parties technical representatives continue regular presentation to the CA#1 Principals.

Figures



USGS Gauge
SRP Surface Monitoring Location
SRP Verde Headwaters
Creeks & Washes
N
0 3 6 Miles

Figure 1
Big Chino Sub-basin - Surface Water Monitoring
(existing SRP flowtography, camera only sites, existing USGS sites, and Verde Headwaters)

BIG CHINO SUB-BASIN WATER MONITORING PROJECT
PRESCOTT - PRESCOTT VALLEY - SRP

Map Courtesy of SRP®

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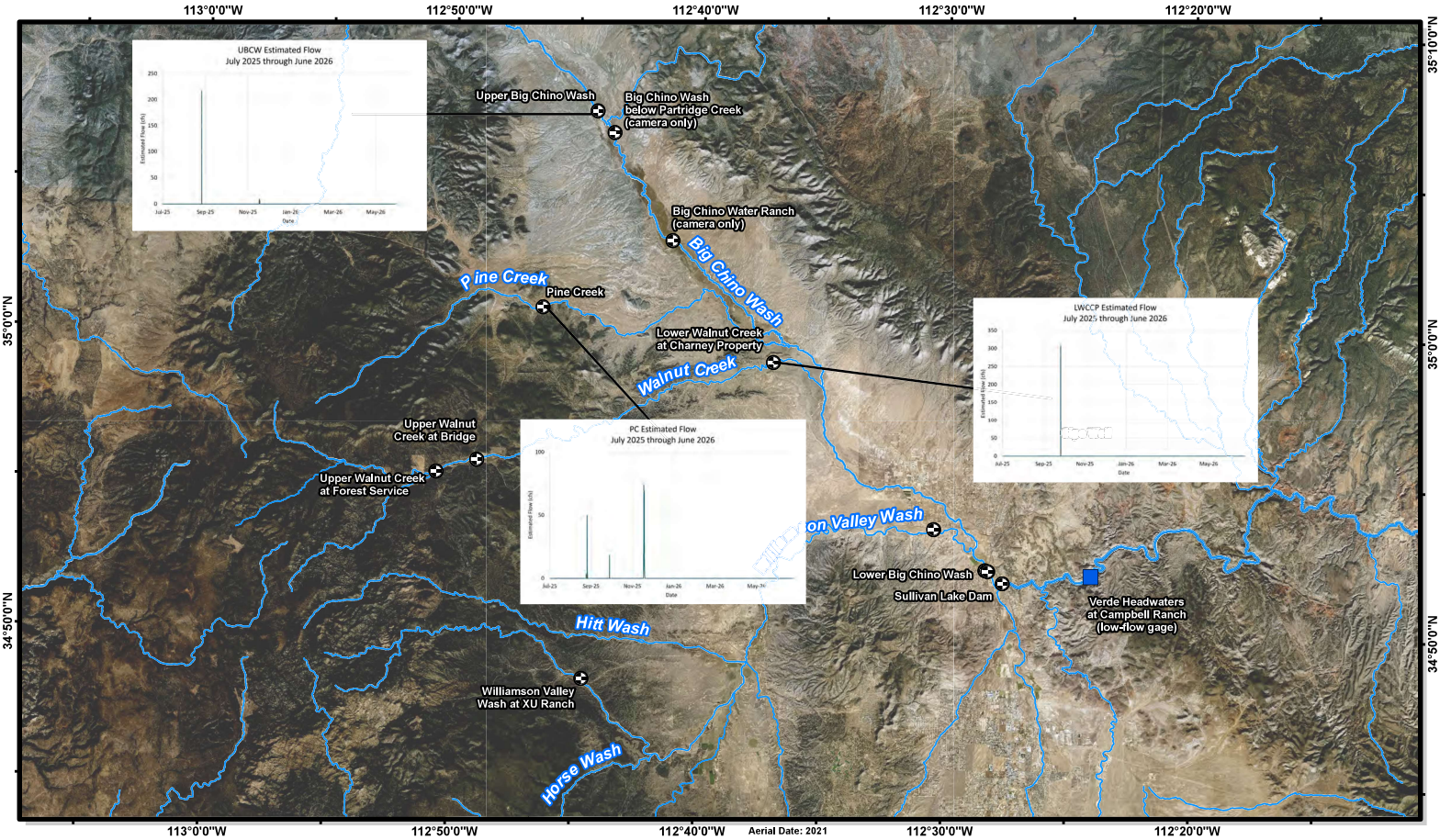
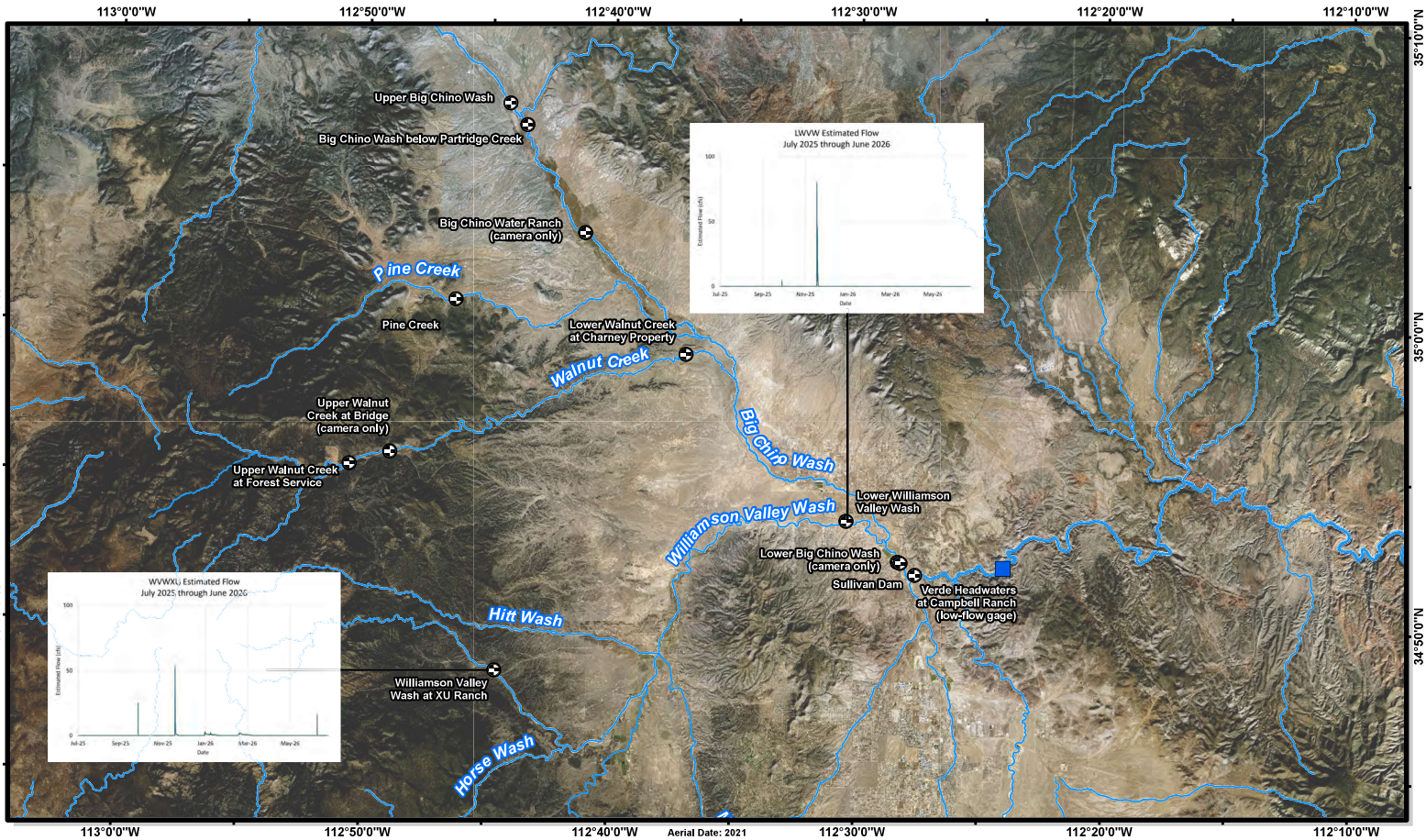


Figure 2
Big Chino Sub-basin - Surface Water Monitoring
Northern Hydrographs



Creeks & Washes

SRP Surface Water Monitoring Location

SRP Verde Headwaters

N

0 3 6 Miles

Figure 3
Big Chino Sub-basin - Surface Water Monitoring
Southern Hydrographs

BIG CHINO SUB-BASIN WATER MONITORING PROJECT
PRESCOTT - PRESCOTT VALLEY - SRP

Map Courtesy of SRP®

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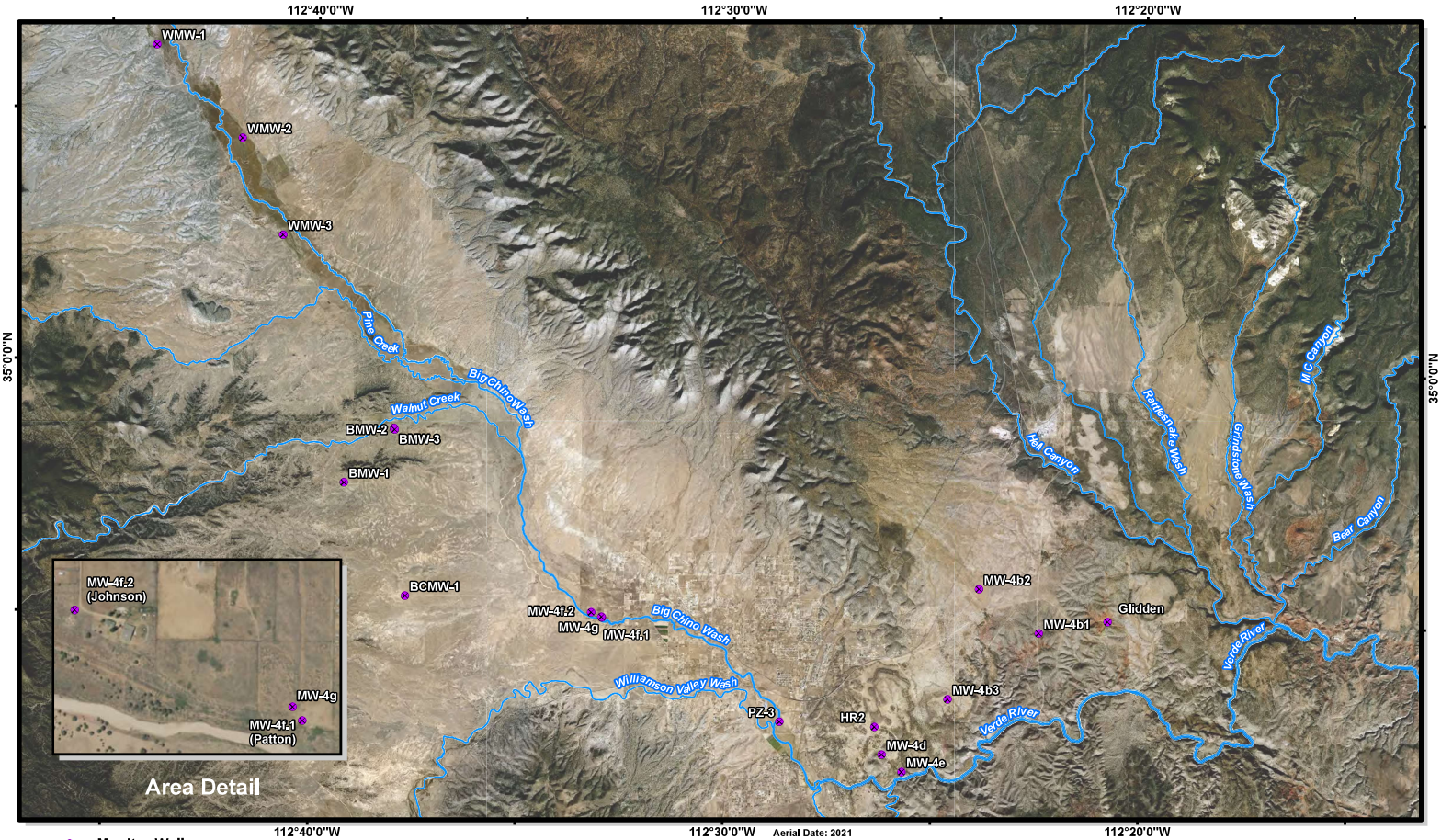


Figure 4
Big Chino Sub-basin Groundwater Monitoring

BIG CHINO SUB-BASIN WATER MONITORING PROJECT
PRESCOTT - PRESCOTT VALLEY - SRP

Map Courtesy of SRP®

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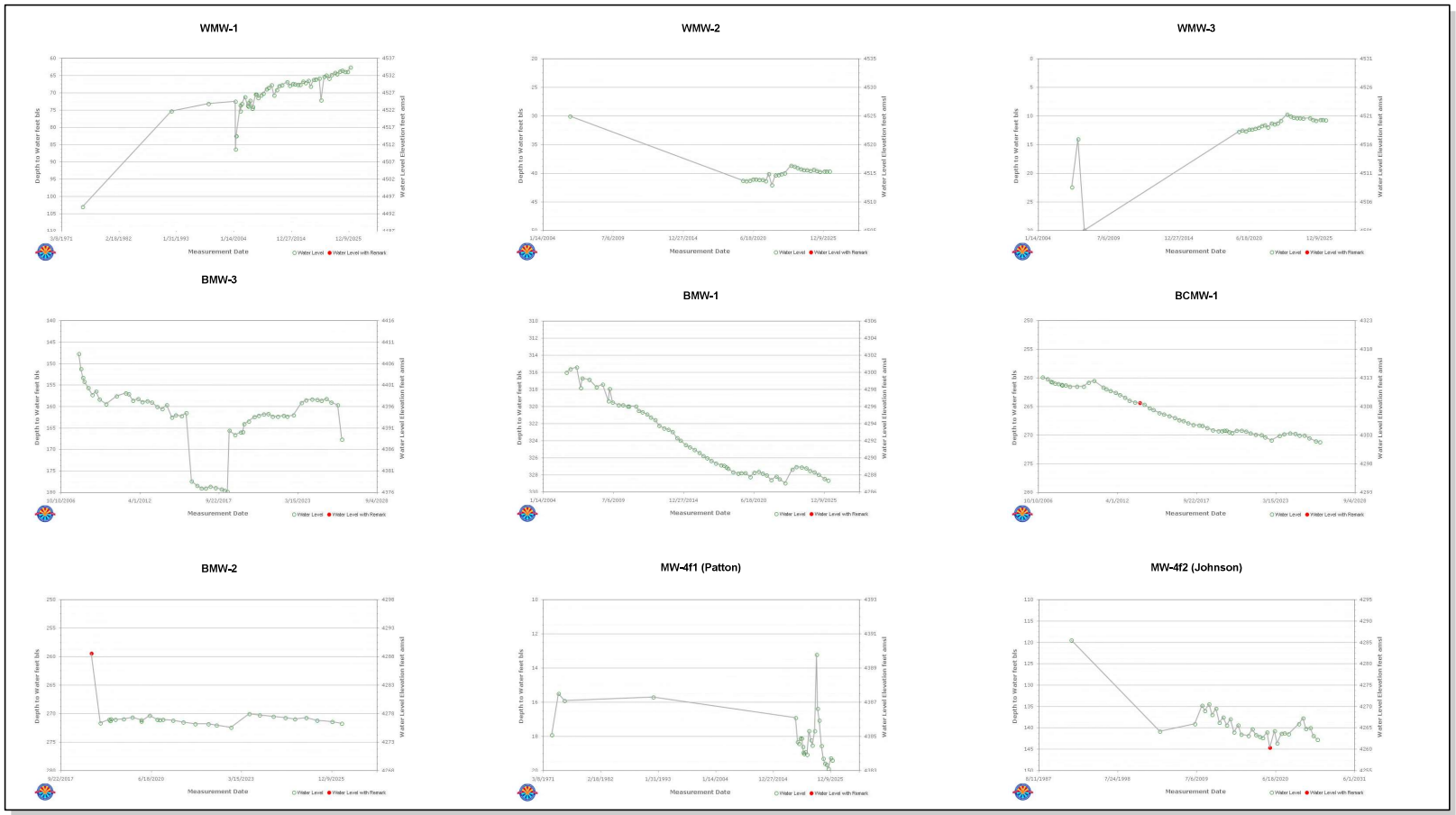


Figure 5
Big Chino Sub-basin Well Hydrographs

BIG CHINO SUB-BASIN WATER MONITORING PROJECT
PRESCOTT - PRESCOTT VALLEY - SRP

Map Courtesy of SRP®

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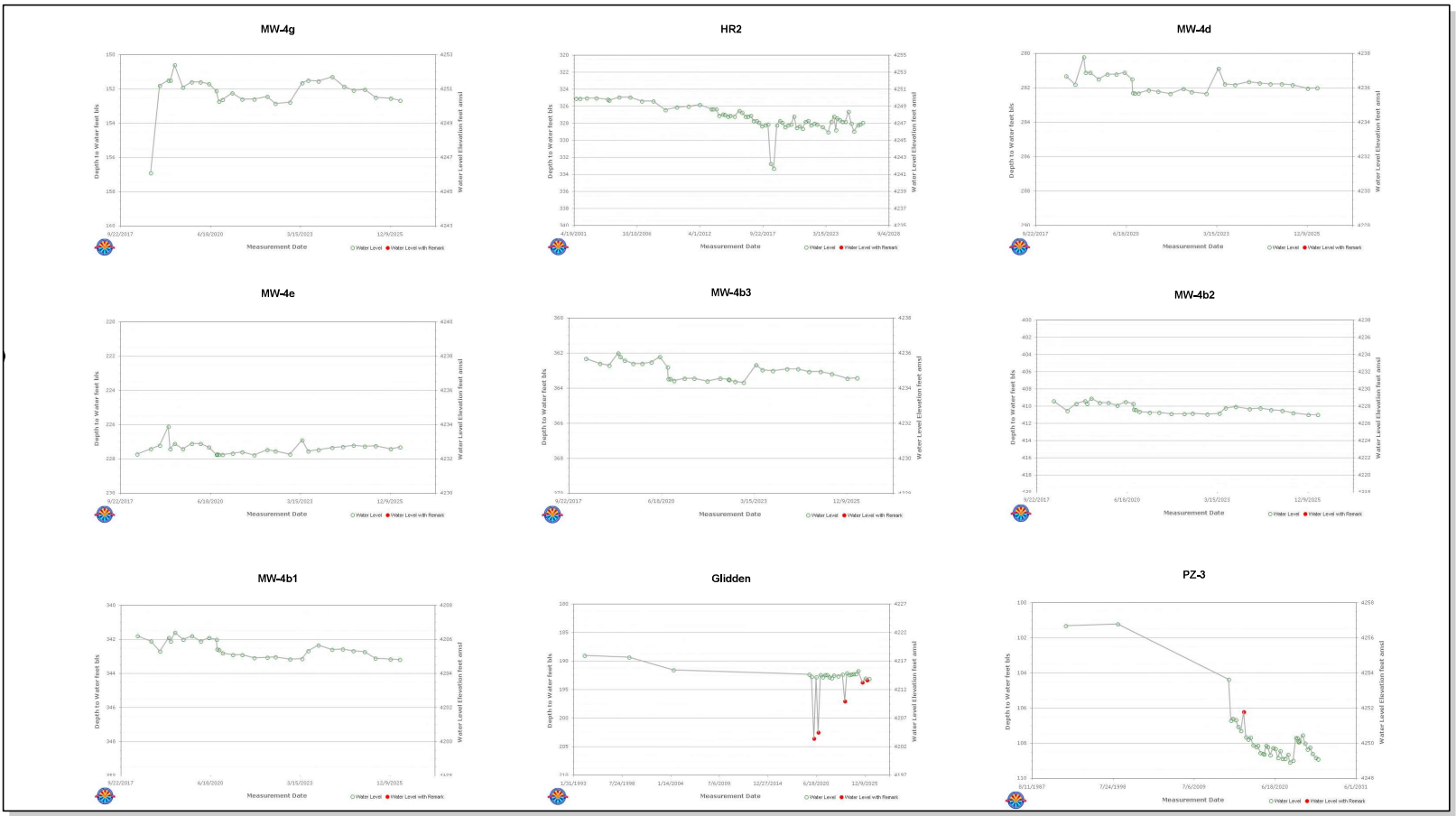
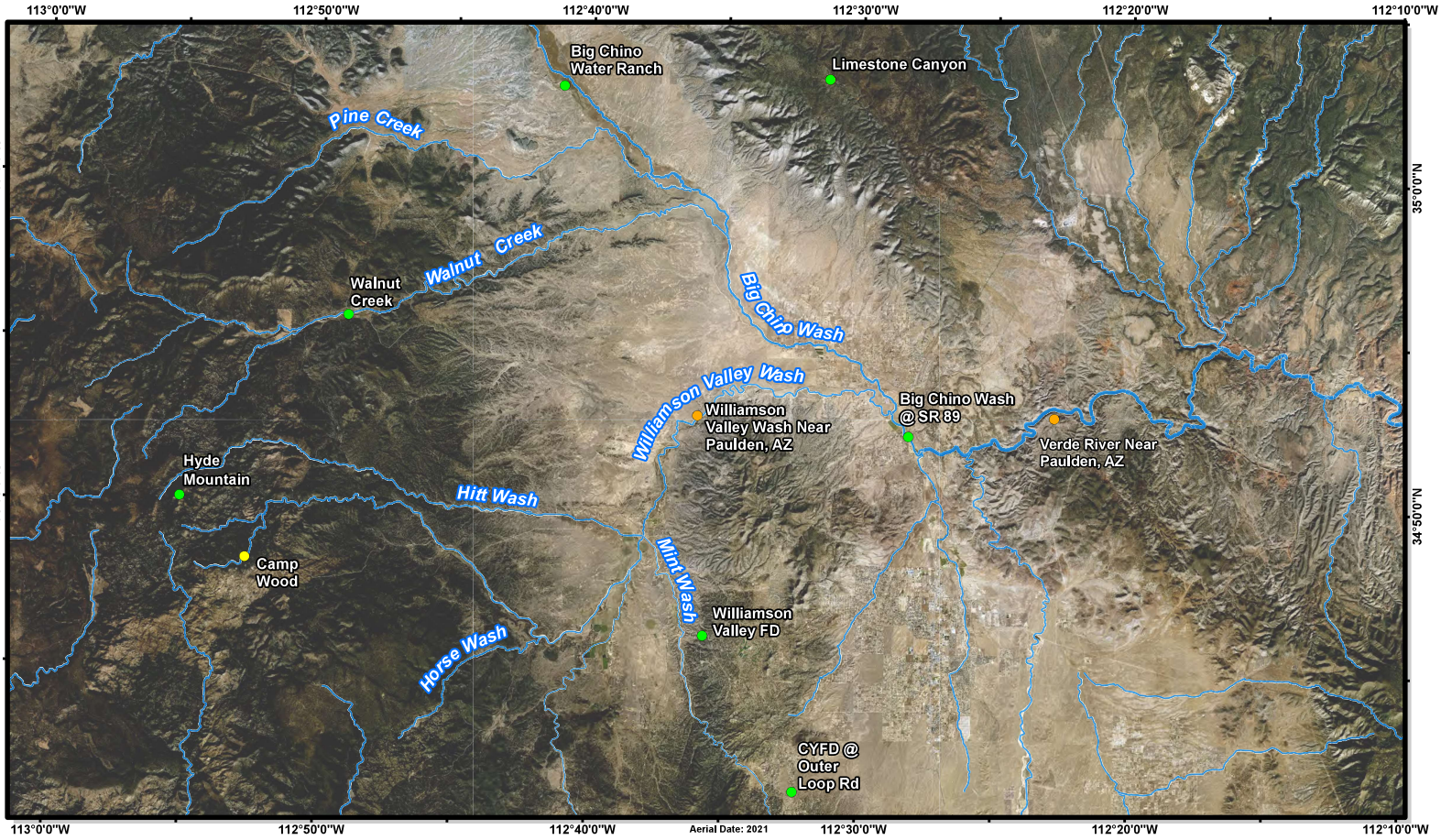


Figure 6
Big Chino Sub-basin Well Hydrographs

BIG CHINO SUB-BASIN WATER MONITORING PROJECT
PRESCOTT - PRESCOTT VALLEY - SRP

Map Courtesy of SRP®

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- Yavapai County Flood Control District Weather Station
- USGS Weather Station
- National Weather Service Hydrometeorological Automated Data System Station

Figure 7
Big Chino Sub-basin Area
Weather Stations

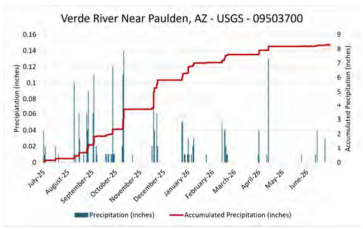
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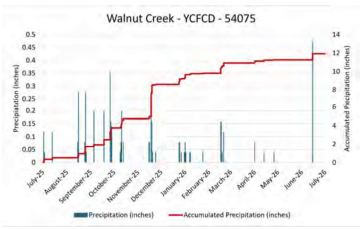
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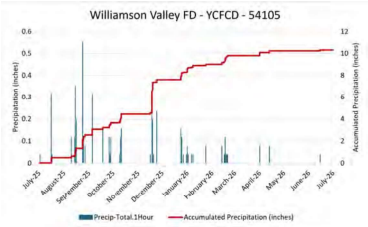
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PRESCOTT - PRESCOTT VALLEY - SRP

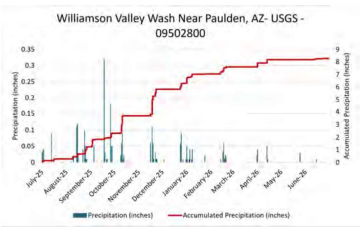
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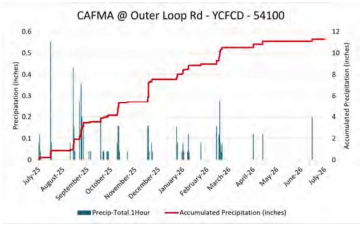
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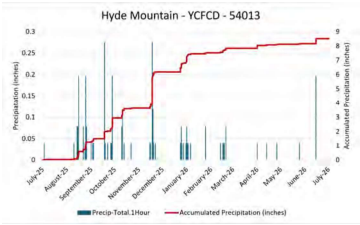


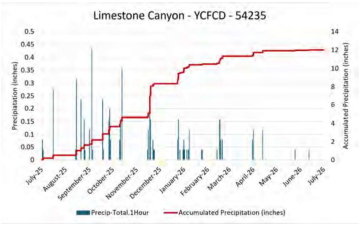


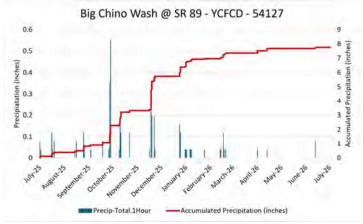


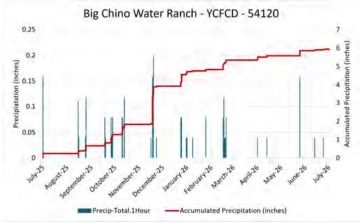


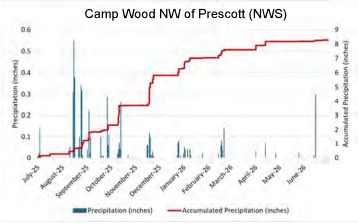












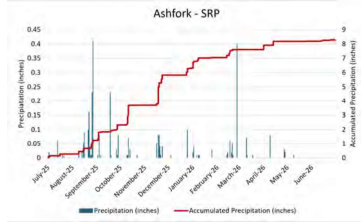


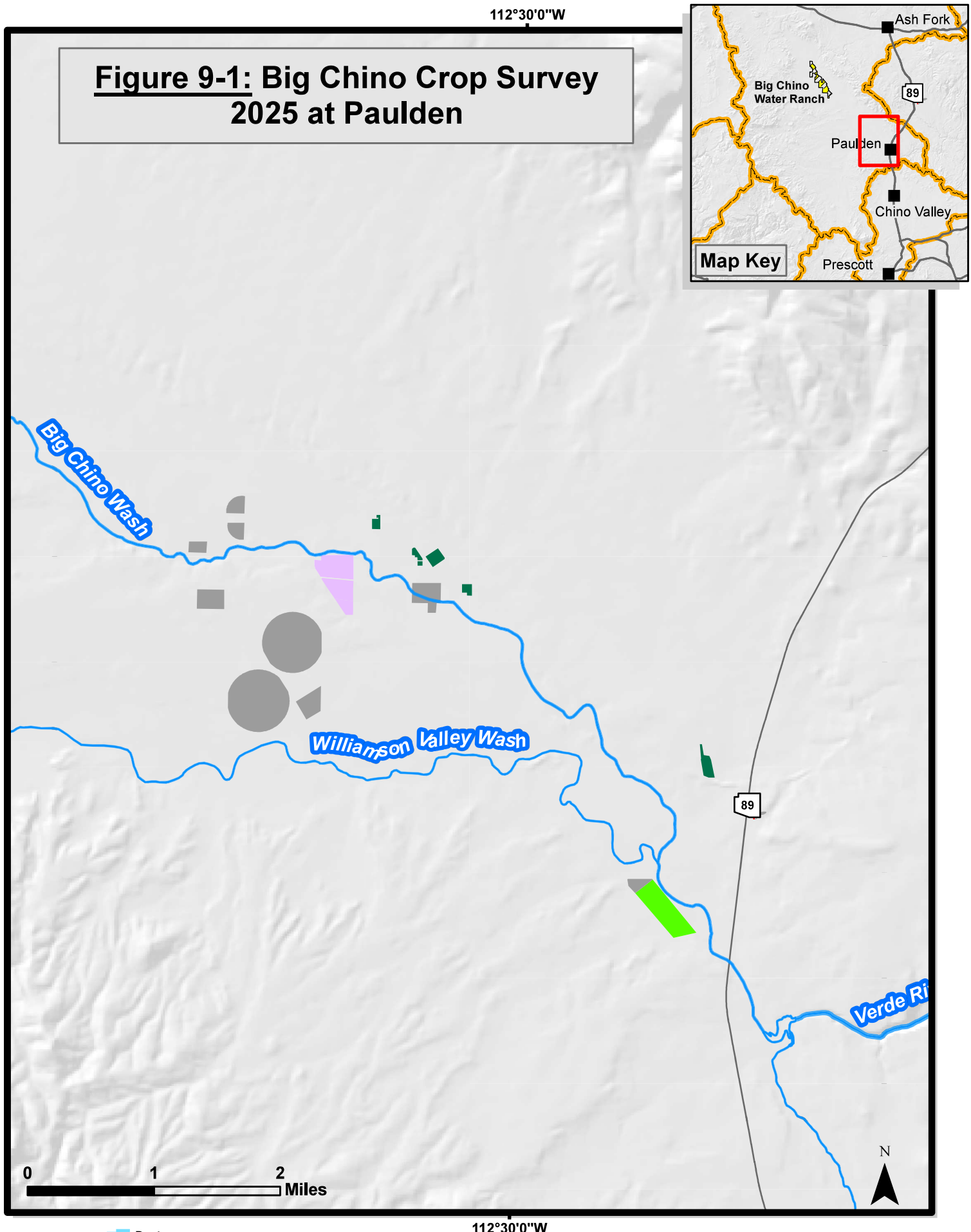
Figure 8
Big Chino Sub-basin Area
Weather Station Data (2025)

BIG CHINO SUB-BASIN
WATER MONITORING PROJECT
PRESCOTT - PRESCOTT VALLEY - SRP

Map Courtesy of SRP®

Big_Chino_Review_2026.aprx
10/9/2026

Figure 9-1: Big Chino Crop Survey 2025 at Paulden



SRP_Type
- Alfalfa
- Grain
- Grass
- Pasture
- Sod
- Vegetable
- No Crop Evident (Abandoned/Fallow)

BIG CHINO SUB-BASIN WATER MONITORING PROJECT
PRESCOTT - PRESCOTT VALLEY - SRP

Map Courtesy of SRP®

Big_Chino_Review_2026.mxd 10/8/2026

Figure 9-2: Big Chino Crop Survey 2025 at Williamson Valley

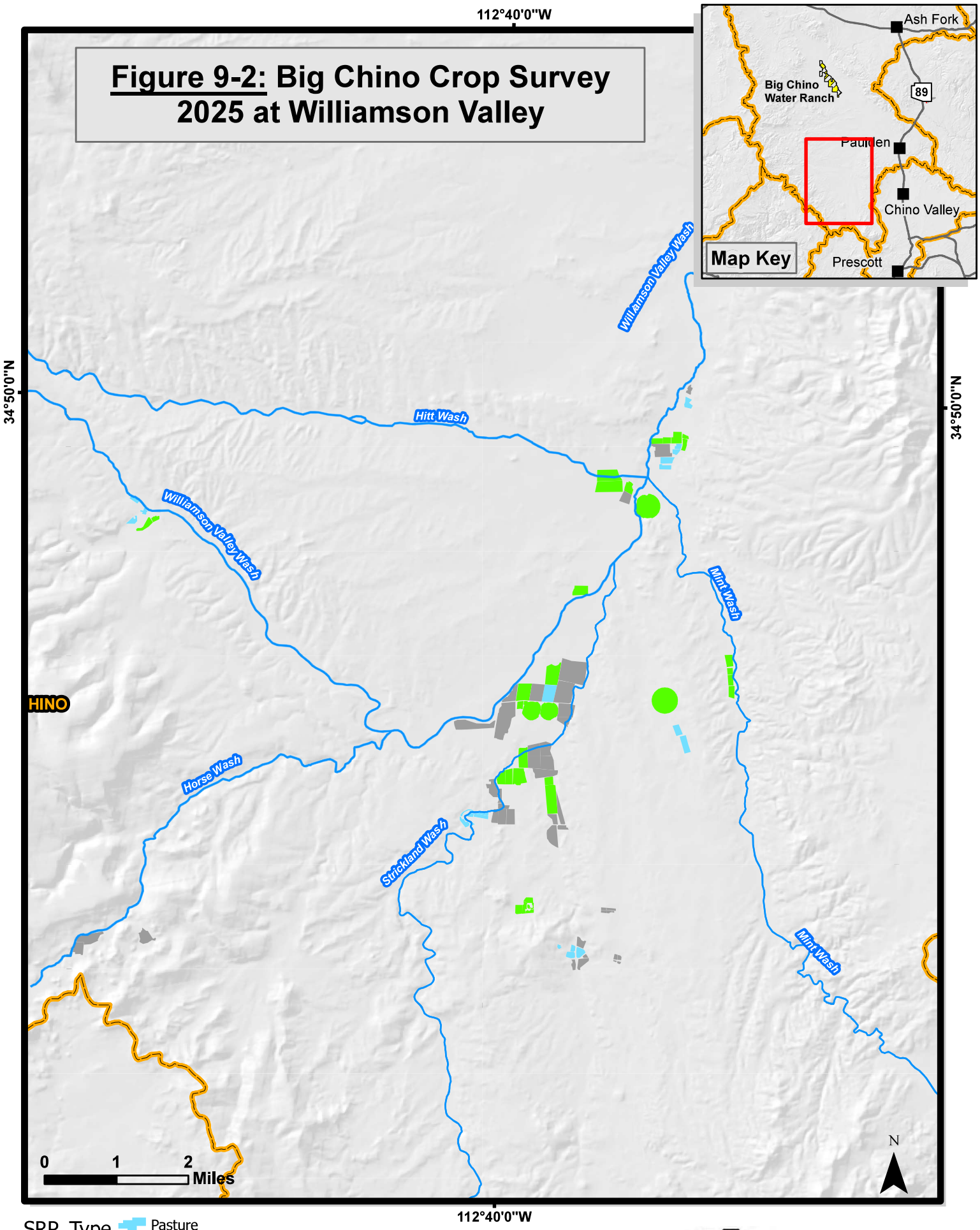
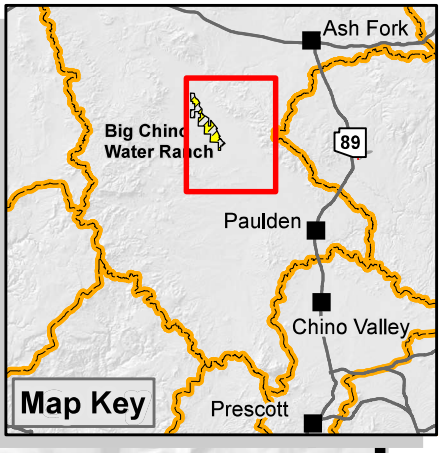


Figure 9-3: Big Chino Crop Survey 2025 at Upper Big Chino



112°40'0"W

35°0'0"N

Big Chino Wash

Pine Creek

Walnut Creek

0 1 2 Miles

N

SRP_Type
- Alfalfa
- Grain
- Grass
- Pasture
- Sod
- Vegetable
- No Crop Evident (Abandoned/Fallow)

BIG CHINO SUB-BASIN WATER MONITORING PROJECT
PRESCOTT - PRESCOTT VALLEY - SRP

Map Courtesy of SRP

Big_Chino_Review_2026.mxd 10/8/2026

Figure 9-4: Big Chino Crop Survey 2025 at Walnut Creek

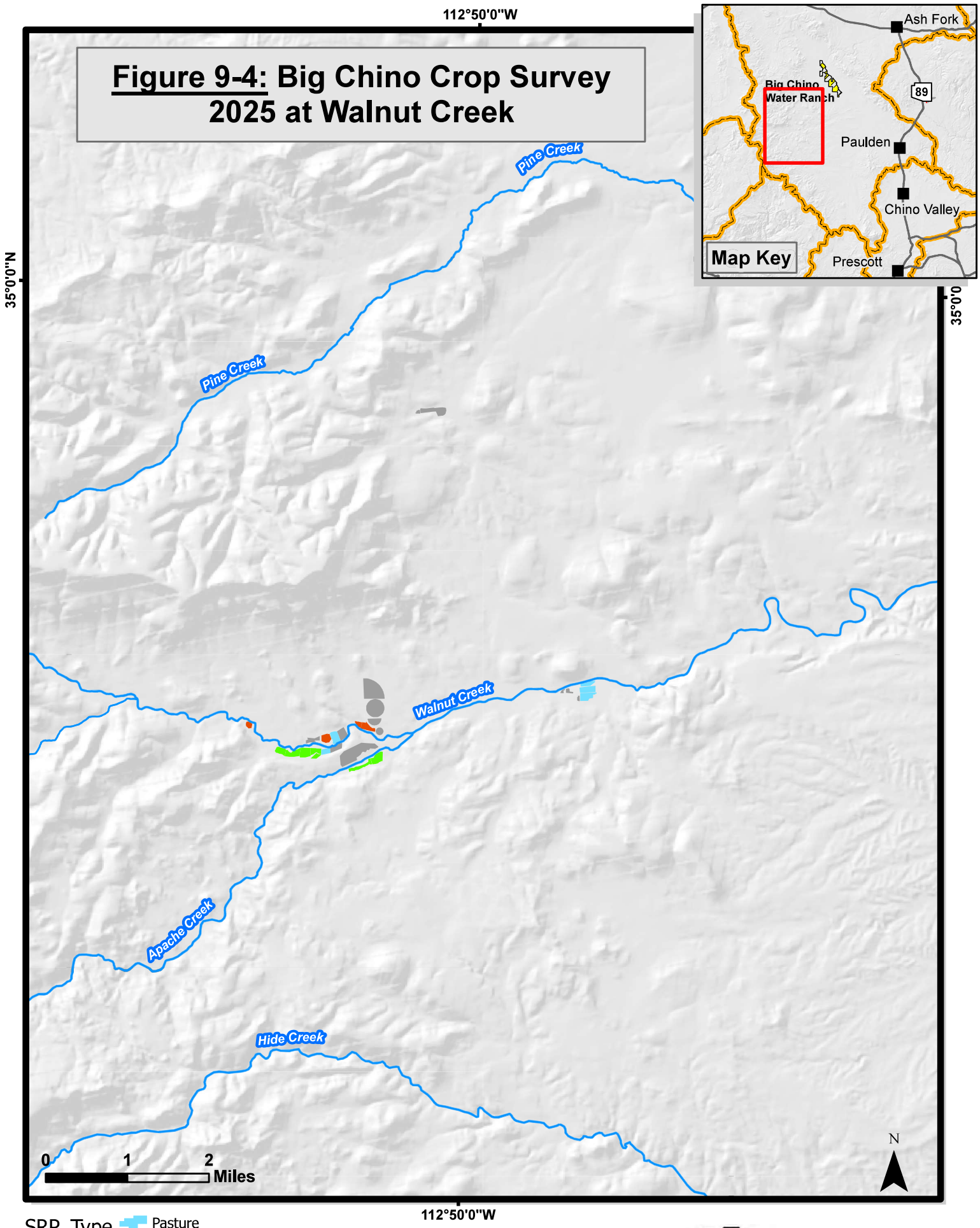
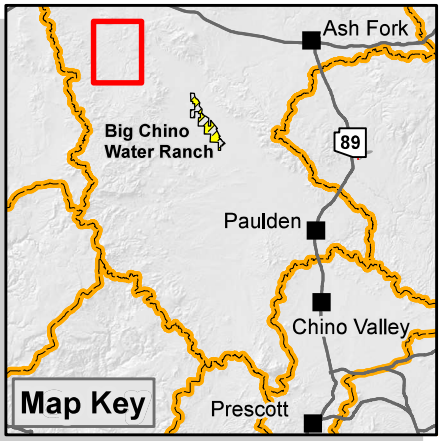


Figure 9-5: Big Chino Crop Survey 2025 at Turkey Creek



Big Chino Wash

Turkey Canyon

Big Chino Was

35°10'0"N

35°10'0"N

0 1 2 Miles

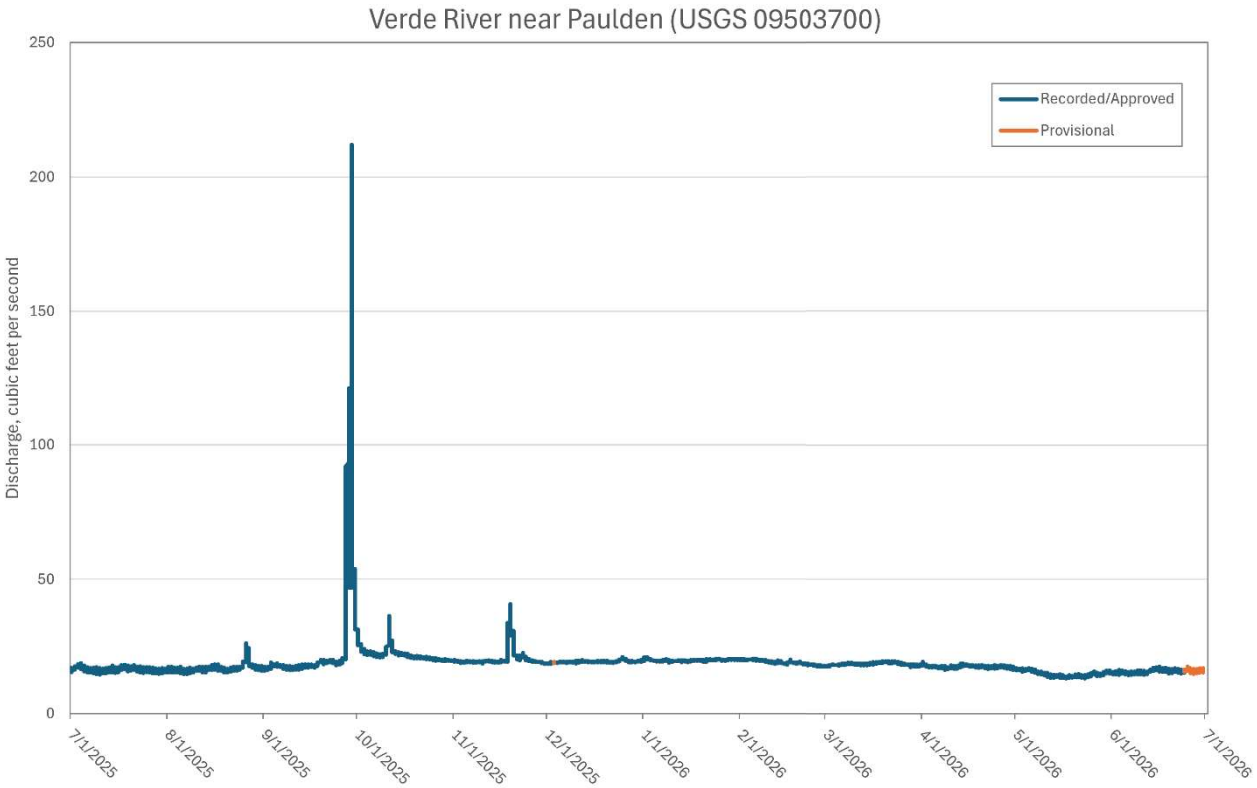
N

SRP_Type
- Alfalfa
- Grain
- Grass
- Pasture
- Sod
- Vegetable
- No Crop Evident (Abandoned/Fallow)

BIG CHINO SUB-BASIN WATER MONITORING PROJECT
PRESCOTT - PRESCOTT VALLEY - SRP

Map Courtesy of SRP

Big_Chino_Review_2026.mxd 10/8/2026



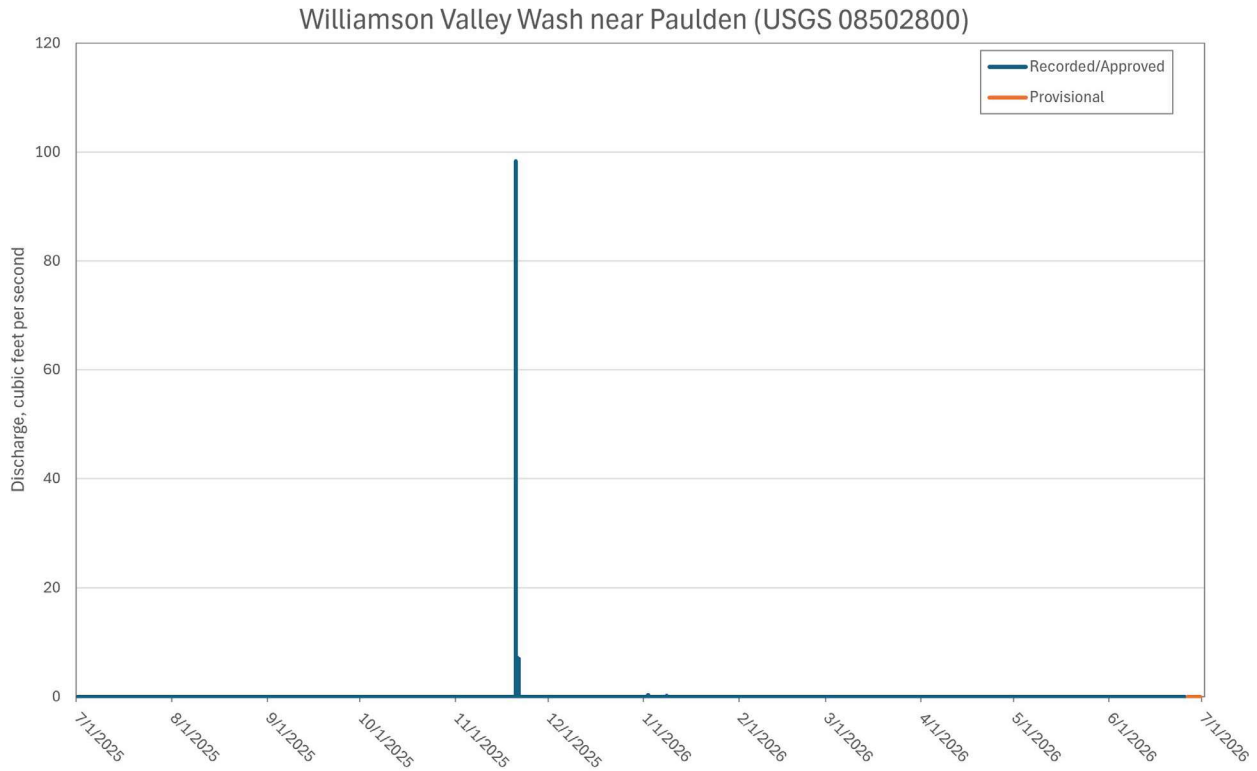


Figure 10. USGS gauge data for the Verde River near Paulden and Williamson Valley Wash near Paulden gauges for FY26.

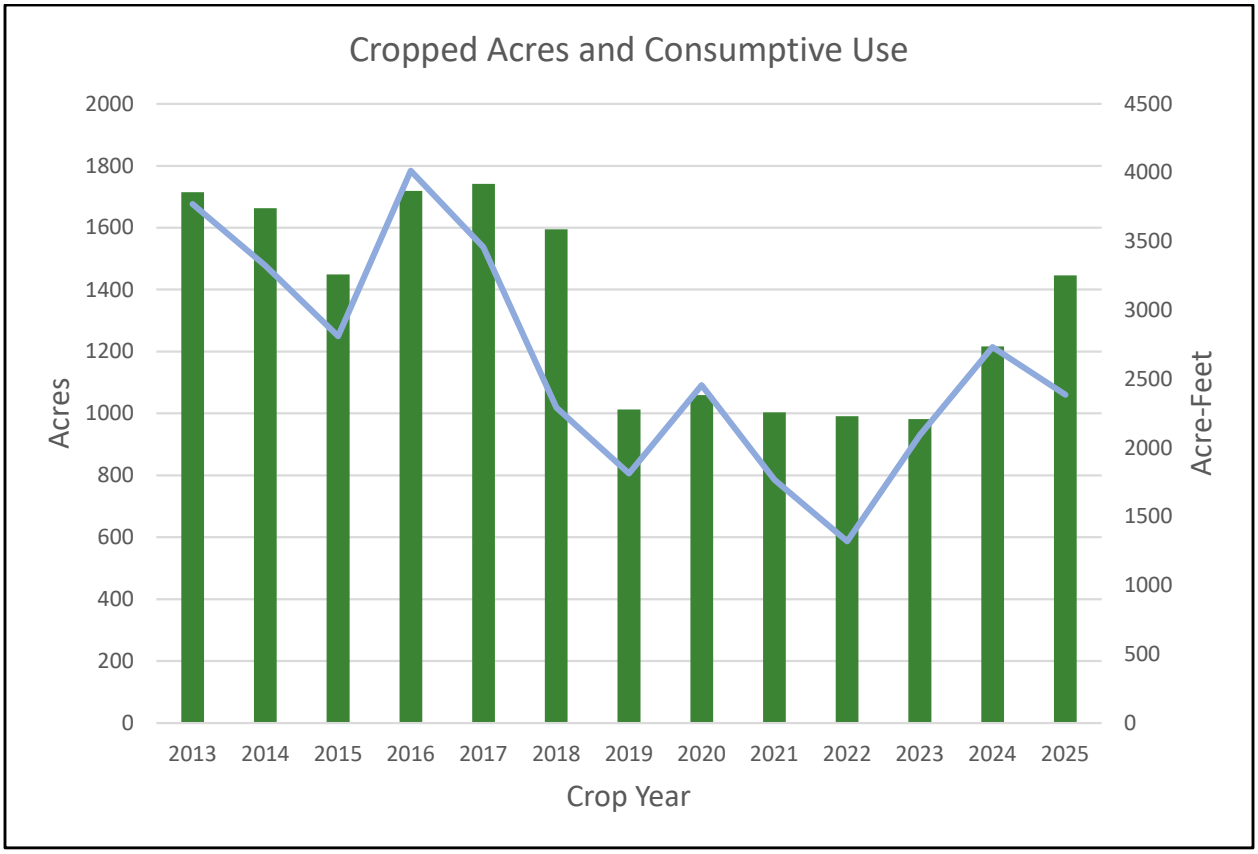


Figure 11. Trends of measured cropped acres and consumptive water use since 2013.

APPENDIX I

Big Chino Sub-basin

Water Monitoring Project

July 1, 2024 – June 30, 2025

Annual Report



BIG CHINO SUB-BASIN WATER MONITORING PROJECT

July 1, 2025, through June 30, 2026, Annual Report for CA1 Monitoring Committee

Alanna Mecsey, Watershed Hydrology, Atmospheric Sciences & Hydrology

SALT RIVER PROJECT 1500 N. Mill Ave. Tempe, AZ 85281

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Introduction

This report has been developed for the CA1 Monitoring Committee as part of the Big Chino Sub-Basin Water Monitoring project (city Contract No. 2022-154, A1 and A2) in collaboration with the City of Prescott, Town of Prescott Valley, and Salt River Project (SRP).

For this report, the 2026 monitoring period refers to July 1, 2025, through June 30, 2026. A summary of flow events observed during the period is contained within this report.

Seasonal Flow Summary

Surface water flow was observed in the sub-basin during the 2026 monitoring period; however, it was not observed at all monitoring sites. The following are details observed:

- Twenty separate (20) flow events were observed in the sub-basin:
    - Five (5) at Upper Big Chino Wash
    - Five (5) at Pine Creek
    - Two (2) at Lower Walnut Creek at Charney Property
    - Six (6) at Williamson Valley Wash at XU Ranch
    - Two (2) at Lower Williamson Valley Wash
- Seven (7) flow events observed at sites throughout the basin had a total estimated flow volume of less than 1 Acre Foot. The sites that the flow event was observed at, and the date of the flow event are listed below:
    - Pine Creek on July 13, 2025
    - Upper Big Chino Wash on August 14, 2025
    - Pine Creek on August 24, 2025
    - Lower Walnut Creek at Charney Property on September 6, 2025
    - Williamson Valley Wash at XU Ranch on November 18, 2025
    - Upper Big Chino Wash on November 19, 2025
    - Upper Big Chino Wash on December 25, 2025
- The highest observed peak stage for a single flow event was 1.95 feet, observed on August 26, 2025, at Upper Big Chino Wash.
- The highest observed peak discharge for a single flow event was 304 cfs, observed on September 30, 2025, at Lower Walnut Creek at Charney Property.
- The largest total estimated flow volume for a single flow event was 238 Acre Feet, observed on February 19, 2026, at Williamson Valley Wash at XU Ranch.

Flow event details include the event start date, an estimate of the magnitude of flow, and the locations where surface water flow was observed are shown in Table 1 and Figure 1.

Table 1. Big Chino Sub-Basin Sites, July 1, 2025, through June 30, 2026, Flow Event Summaries including the Estimated Total Acre Feet (AF)

Start Date [1]	Upper Big Chino Wash (UBCW)	Big Chino Wash below Partridge Creek (BCWPC) [2]	Pine Creek (PC)	Upper Walnut Creek at Bridge (UWCB)[2]	Lower Walnut Creek at Charney Property (LWCCP)	Williamson Valley Wash at XU Ranch (WVWXU)	Lower Williamson Valley Wash (LWVW)	Lower Big Chino Wash (LBCW) [2]	Sullivan Dam (SD) [3]
07/13/25		Yes	<1 AF	No				No	No
08/14/25	<1 AF	Yes		No				No	No
08/24/25		No	<1 AF	No				No	No
08/25/25		No	17 AF	No				No	No
08/26/25	14 AF	Yes		No				No	No
09/06/25		Yes		No	<1 AF			No	No
09/26/25		No		Yes	31 AF	3 AF		Yes	Yes
09/28/25		No	2 AF	Yes			1 AF	Yes	Yes
10/21/25		No	87 AF	No				No	No
11/18/25	7 AF	Yes		Yes		<1 AF	72 AF	No	No
11/19/25	<1 AF	Yes		Yes		152 AF		Yes	No
12/25/25	<1 AF	No		No				No	No
01/01/26		No		No		236 AF		No	No
02/19/26		No		Yes		238 AF		No	No
06/15/26		No		No		8 AF		No	No
Total AF	**21 AF**		**106 AF**		**31 AF**	**637 AF**	**73 AF**		

[1] Image and pressure transducer data are collected at 15-minute intervals. Flow events may start just prior to the date indicated or continue into the following day.
[2] This is a camera only site. A 'Yes' or 'No' will indicate whether flow was present on that date.
[3] The Sullivan Dam weir crest is not rated for discharge measurement estimates. If 'Yes' is noted, spill was observed over the crest of the dam, See Location page for stage details.

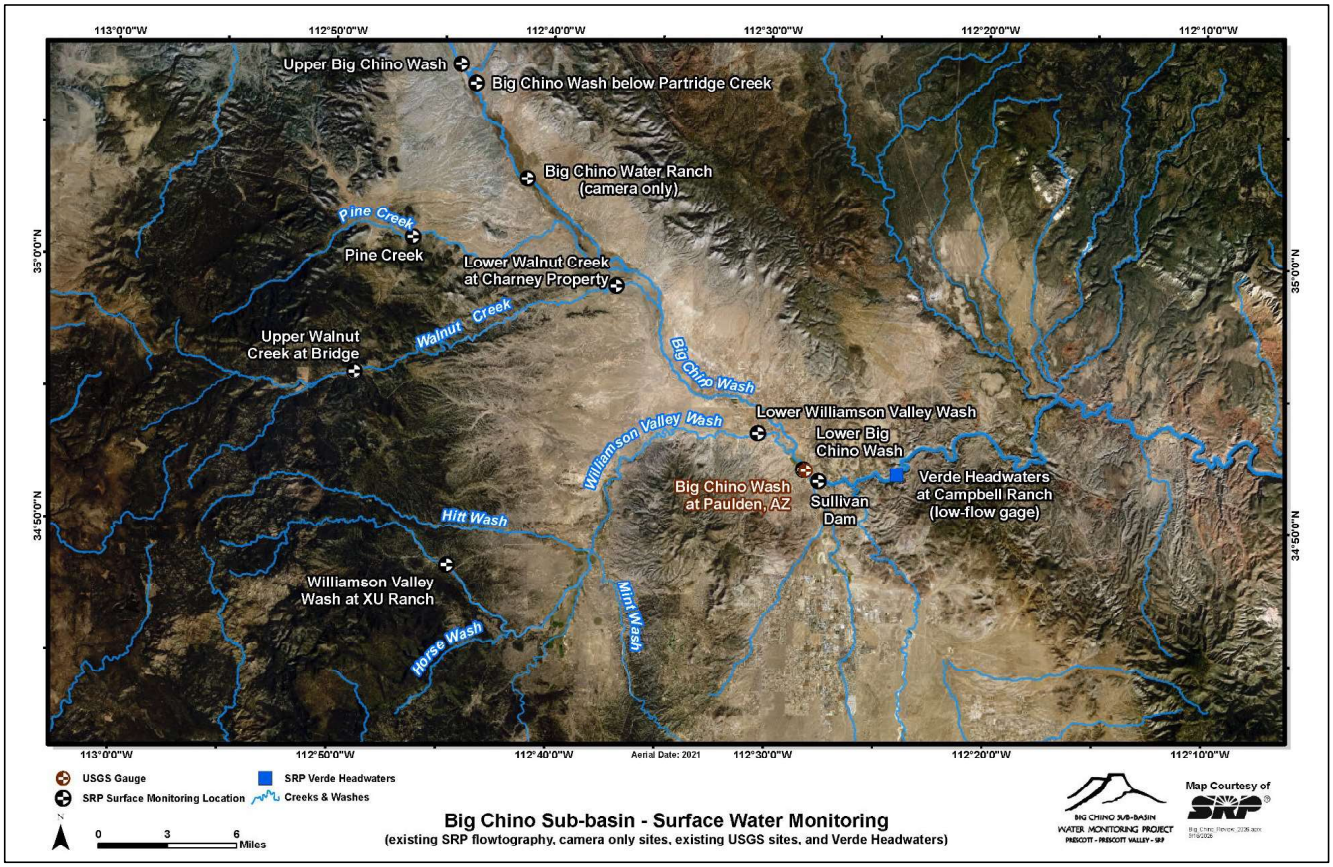


Figure 1. Big Chino Sub-Basin Surface Water Monitoring Site Map

Location Summaries

Upper Big Chino Wash (UBCW)

Five (5) flow events with measurable flow were observed at UBCW. Flow event data including duration and estimated flow volume are outlined in Table 2 and illustrated in Figure 2 and Figure 3. Image data from the site can be seen in Figure 4, Figure 5, and Figure 6.

Table 2, UBCW, July 2025, through June 2026, Flow Event Data

Start Date	Start Time[4]	Duration (hours)[5]	Peak Stage (ft)	Peak Discharge (cfs)	Total Volume (AF)
08/14/2025	13:15	3.25	0.07	<1	<1
08/26/2025	13:15	6.25	1.95	214	14
11/18/2025	06:45	25.5	0.63	9	7
11/19/2025	08:44	2.50	0.04	<1	<1
12/25/2025	07:30	2.0	0.09	<1	<1
Total		**39.50**			**21**

Routine maintenance and servicing were conducted quarterly during the 2026 monitoring period. The UBCW site was visited four (4) times, in July 2025, October 2025, January 2026, and April 2026. In addition to routine service and maintenance, the primary camera at the site was replaced.

[4] Start times are approximate and actual start times are within ±15 minutes of the noted time. Flow events may also continue into the following day(s).
[5] Flow event duration is based on discharge calculated using the existing rating.

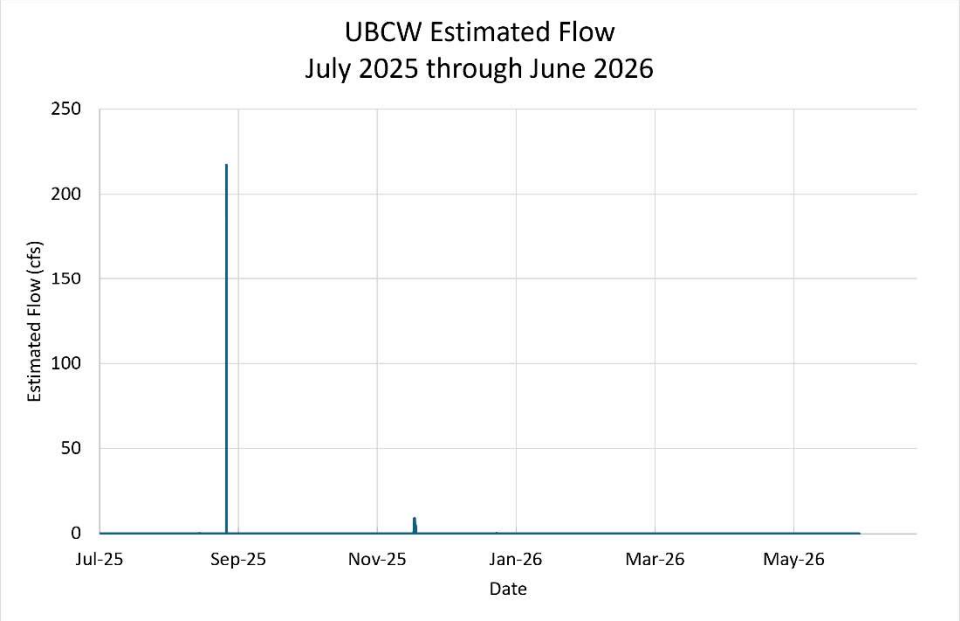


Figure 2. UBCW, July 2025, through June 2026, Estimated Annual Flow Data

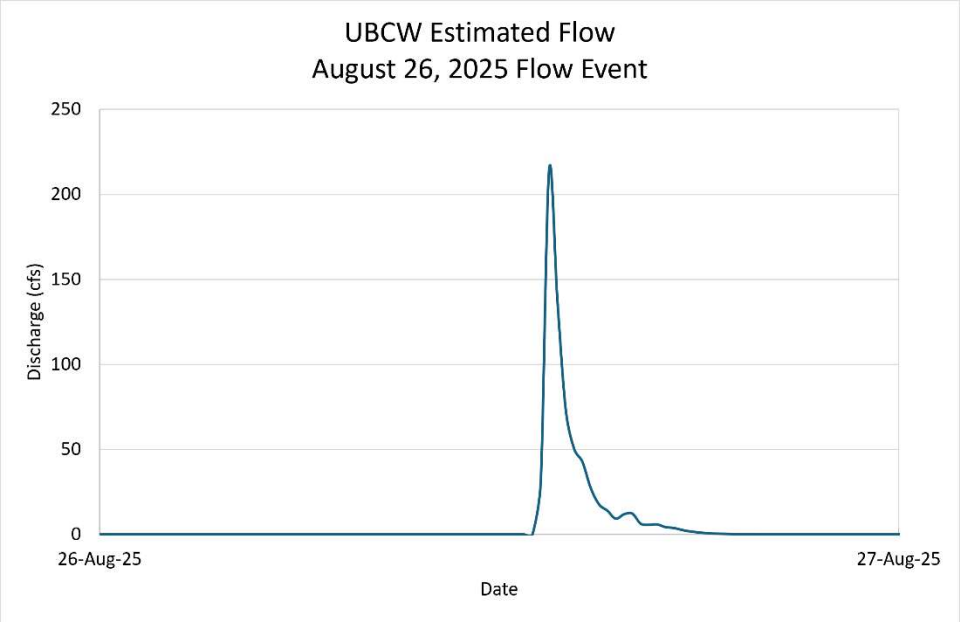


Figure 3. UBCW, August 26, 2025, Estimated Flow Data for Flow Event Producing Largest Total Volume



Figure 4, UBCW at the start of the 2026 monitoring period.



Figure 5, UBCW at the end of the 2026 monitoring period.



Figure 6. UBCW at the peak of the 08/26/2025 flow event.

Big Chino Wash below Partridge Creek (BCWPC)

Four (4) flow events were observed at BCWPC. This is a camera only site and there are no estimates of flow observed. Flow event data including duration are outlined in Table 3. Image data from the site can be seen in Figure 7, Figure 8, and Figure 9.

Table 3. BCWPC, July 2025, through June 2026, Flow Event Data

Start Date	Start Time[6]	Duration (hours)[7]	Peak Stage (ft)	Peak Discharge (cfs)	Total Volume (AF)
07/13/2025	16:49	unknown			
08/14/2025	14:58	3.0			
08/26/2025	13:58	unknown			
11/18/2025	12:38				
Total					

Routine maintenance and servicing were conducted quarterly during the 2026 monitoring period. The BCWPC site was visited four (4) times, in July 2025, October 2025, January 2026, and April 2026. In addition to routine service and maintenance, the primary camera at the site was replaced.

[6] Start times are approximate and actual start times are within ±15 minutes of the noted time. Flow events may also continue into the following day(s).
[7] Flow event duration is based on discharge calculated using the existing rating.

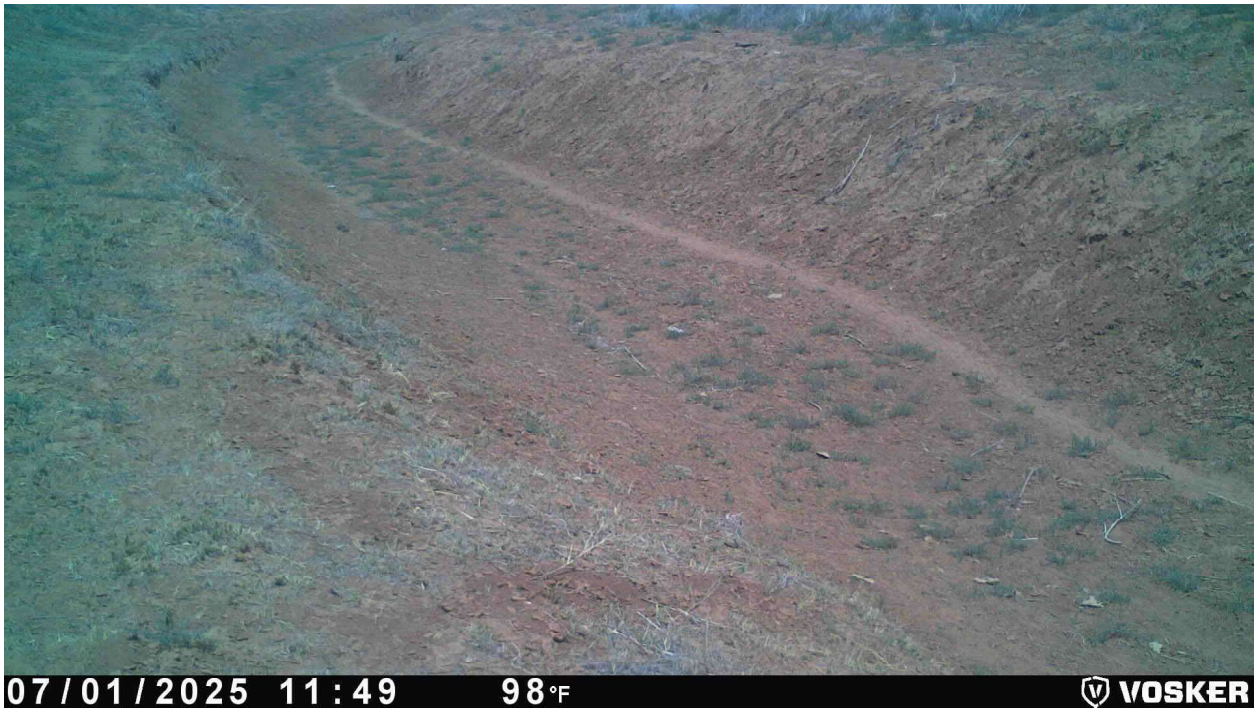


Figure 7. BCWPC at the start of the 2026 monitoring period.



Figure 8, BCWPC at the end of the 2026 monitoring period.



Figure 9. BCWPC at the peak of the 08/26/2025 flow event.

Big Chino Water Ranch (BCWR)

The BCWR site is a camera only site. The camera captures a broader view above the Big-Chino Wash as well as the landscape of the surrounding area. During several past high-flow events, water levels exceeded the capacity of the Big Chino Wash and overflowed into the adjacent pastures. This camera documents those events while also capturing weather conditions within the sub-basin, as well as seasonal green-up and brown-down patterns across the watershed. For the 2026 monitoring period, no instances were observed where flow exceeded the capacity of the Big Chino Wash from the BCWR monitoring site. Image data from the site can be seen in Figure 10 and Figure 11.

Routine maintenance and servicing were conducted quarterly during the 2026 monitoring period. The BCWR site was visited four (4) times, in July 2025, October 2025, January 2026, and April 2026. In addition to routine service and maintenance, the primary camera at the site was replaced.

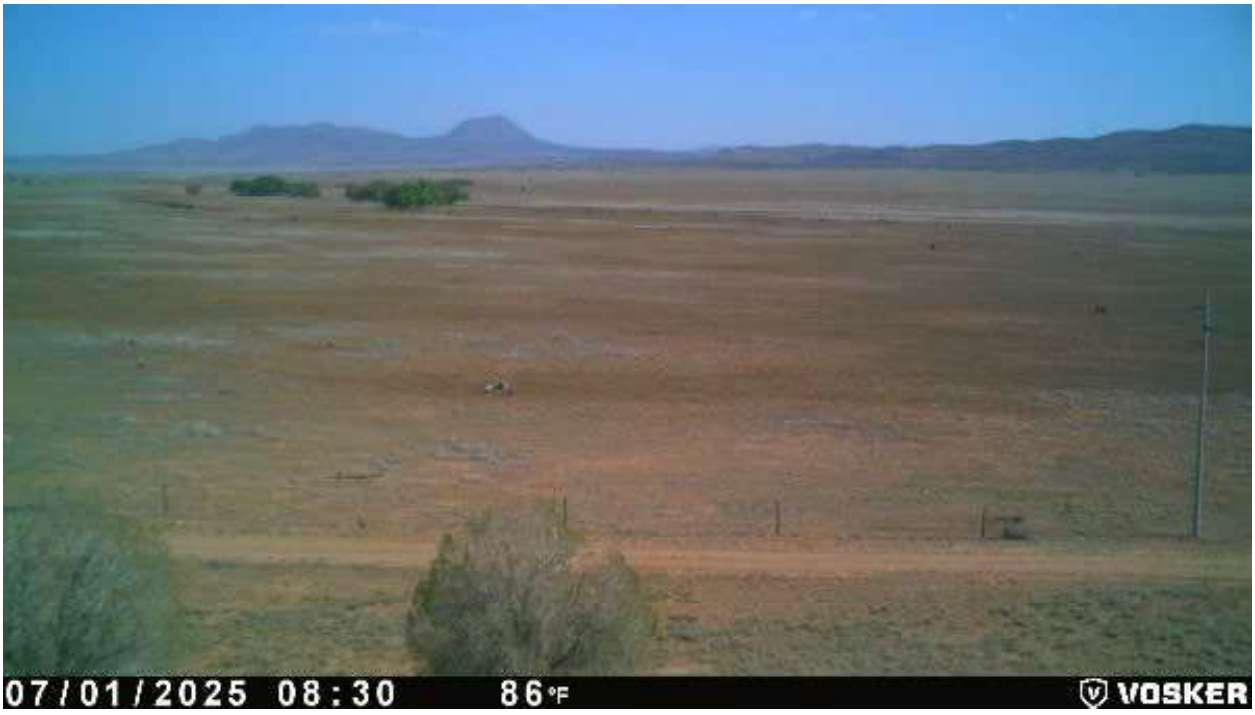


Figure 10. BCWR at the start of the 2026 monitoring period.



Figure 11. BCWR at the end of the 2026 monitoring period.

Pine Creek (PC)

Five (5) flow events with measurable flow were observed at PC. Flow event data including duration and estimated flow volume are outlined in Table 4 and illustrated in Figure 12and Figure 13. Image data from the site can be seen in Figure 14, Figure 15, and Figure 16.

Table 4. PC, July 2025, through June 2026, Flow Event Data

Start Date	Start Time[8]	Duration (hours)[9]	Peak Stage (ft)	Peak Discharge (cfs)	Total Volume (AF)
07/13/2025	20:15	1.75	0.08	<1	<1
08/24/2025	15:45	1.5	0.23	3	<1
08/25/2025	21:30	15.5	0.94	50	17
09/28/2025	12:30	4.5	0.55	18	2
11/18/2025	10:30	61.5	1.15	74	87
Total		**84.75**			**106**

Routine maintenance and servicing were conducted quarterly during the 2026 monitoring period. The PC site was visited four (4) times, in July 2025, October 2025, January 2026, and April 2026. All visits were performed for routine quarterly maintenance and data collection.

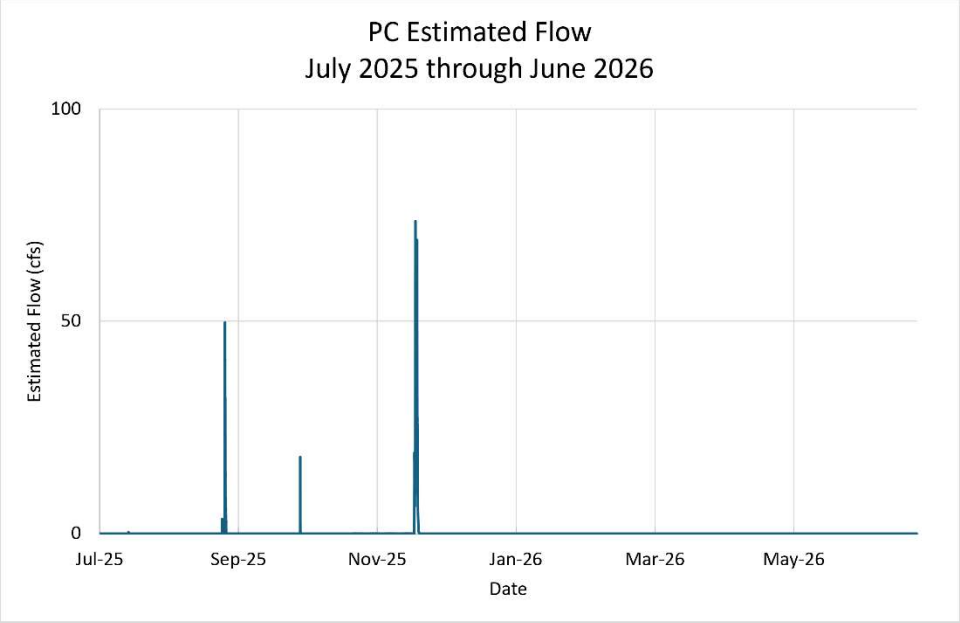


Figure 12. PC, July 2025, through June 2026, Estimated Annual Flow Data

[8] Start times are approximate and actual start times are within ±15 minutes of the noted time. Flow events may also continue into the following day(s).
[9] Flow event duration is based on discharge calculated using the existing rating.

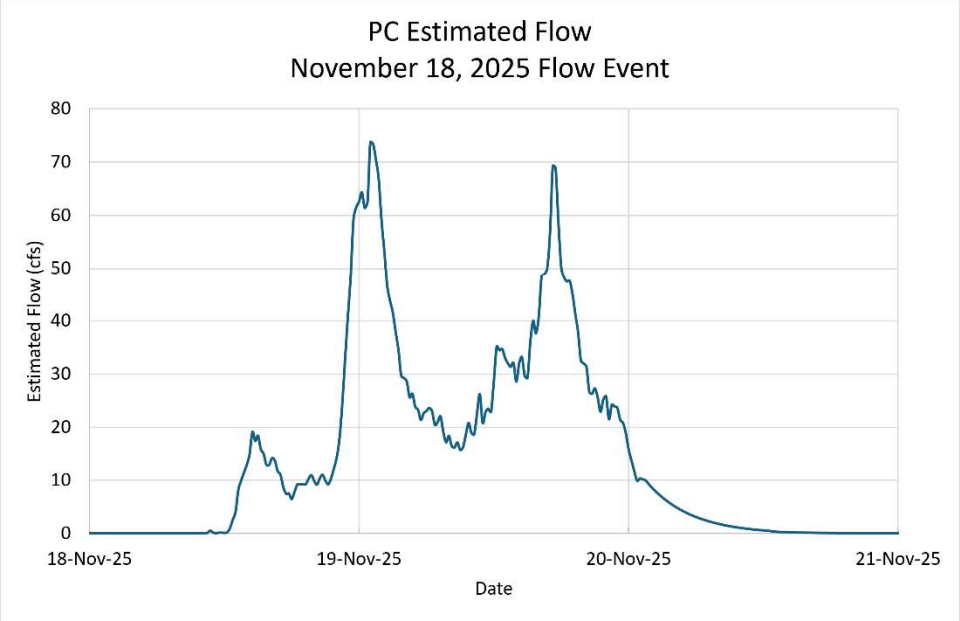


Figure 13. PC, November 18, 2025, Estimated Flow Data for Flow Event Producing Largest Total Volume



Figure 14. PC at the start of the 2026 monitoring period.



Figure 15. PC at the end of the 2026 monitoring period.



Figure 16. PC at the peak of the 11/18/2025 flow event.

Upper Walnut Creek at the Bridge (UWCB)

The UWCB site is a camera only site. Image data from the site can be seen in Figure 17, Figure 18, and Figure 19.

Routine maintenance and servicing were conducted quarterly during the 2026 monitoring period. The UWCB site was visited four (4) times, in July 2025, October 2025, January 2026, and April 2026. All visits were performed for routine quarterly maintenance and data collection.



Figure 17. UWCB at the start of the 2026 monitoring period.



Figure 18. UWCB at the end of the 2026 monitoring period.



Figure 19. UWCB during the 11/19/2025 flow event.

Lower Walnut Creek at Charney Property (LWCCP)

Two (2) flow events with measurable flow were observed at LWCCP. Flow event data including duration and estimated flow volume are outlined in Table 5 and illustrated in Figure 20 and Figure 21. Image data from the site can be seen in Figure 22, Figure 23, and Figure 24.

Table 5. LWCCP, July 2025, through June2026, Flow Event Data

Start Date	Start Time[10]	Duration (hours)[11]	Peak Stage (ft)	Peak Discharge (cfs)	Total Volume (AF)
09/06/2025	16:15	0.25	0.23	1	<1
09/26/2025	11:30	4.0	1.68	304	31
Total		**4.25**			**31**

Routine maintenance and servicing were conducted quarterly during the 2026 monitoring period. The LWCCP site was visited four (4) times, in July 2025, October 2025, January 2026, and April 2026. All visits were performed for routine quarterly maintenance and data collection.

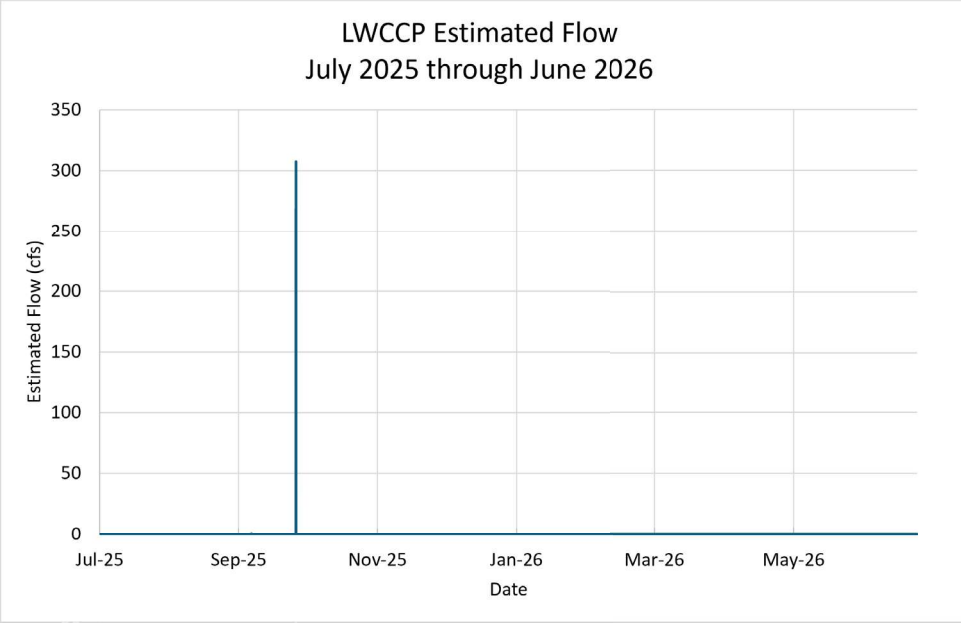


Figure 20. LWCCP, July 2025, through June2026, Estimated Annual Flow Data

[10] Start times are approximate and actual start times are within ±15 minutes of the noted time. Flow events may also continue into the following day(s).
[11] Flow event duration is based on discharge calculated using the existing rating.

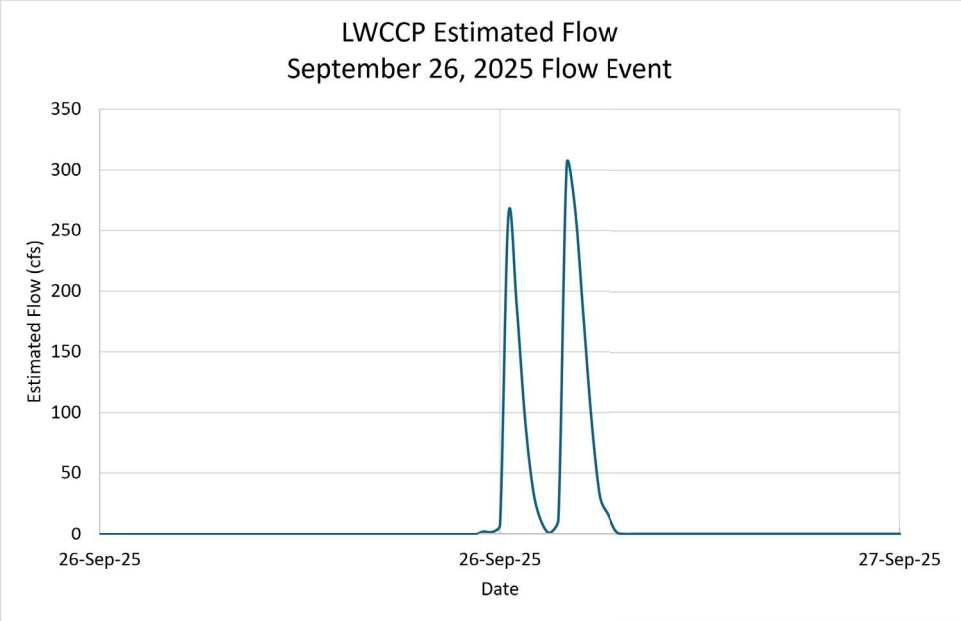


Figure 21. LWCCP, September 26, 2025, Estimated Flow Data for Flow Event Producing Largest Total Volume



Figure 22. LWCCP at the start of the 2026 monitoring period.



Figure 23. LWCCP at the end of the 2026 monitoring period.



Figure 24. LWCCP at the peak of the 09/26/2025 flow event.

Williamson Valley Wash at XU Ranch (WVWXU)

Six (6) flow events with measurable flow were observed at WVWXU. Flow event data including duration and estimated flow volume are outlined in Table 6 and illustrated in Figure 25 and Figure 26. Image data from the site can be seen in Figure 27, Figure 28, and Figure 29.

Table 6. WVWXU, July 2025, through June 2026, Flow Event Data

Start Date	Start Time[12]	Duration (hours)[13]	Peak Stage (ft)	Peak Discharge (cfs)	Total Volume (AF)
09/26/2025	14:15	1.5	0.6	62	3
11/18/2025	22:34	0.75	0.09	3	<1
11/19/2025	07:34	119.25	0.76	100	152
01/01/2026	22:49	437.0	0.3	16	236
02/19/2026	24:45	445.25	0.27	13	238
06/15/2026	13:15	5.25	0.51	44	8
Total		**1009.0**			**637**

Routine maintenance and servicing were conducted quarterly during the 2026 monitoring period. The WVWXU site was visited four (4) times, in July 2025, October 2025, January 2026, and April 2026. All visits were performed for routine quarterly maintenance and data collection.

[12] Start times are approximate and actual start times are within ±15 minutes of the noted time. Flow events may also continue into the following day(s).
[13] Flow event duration is based on discharge calculated using the existing rating.

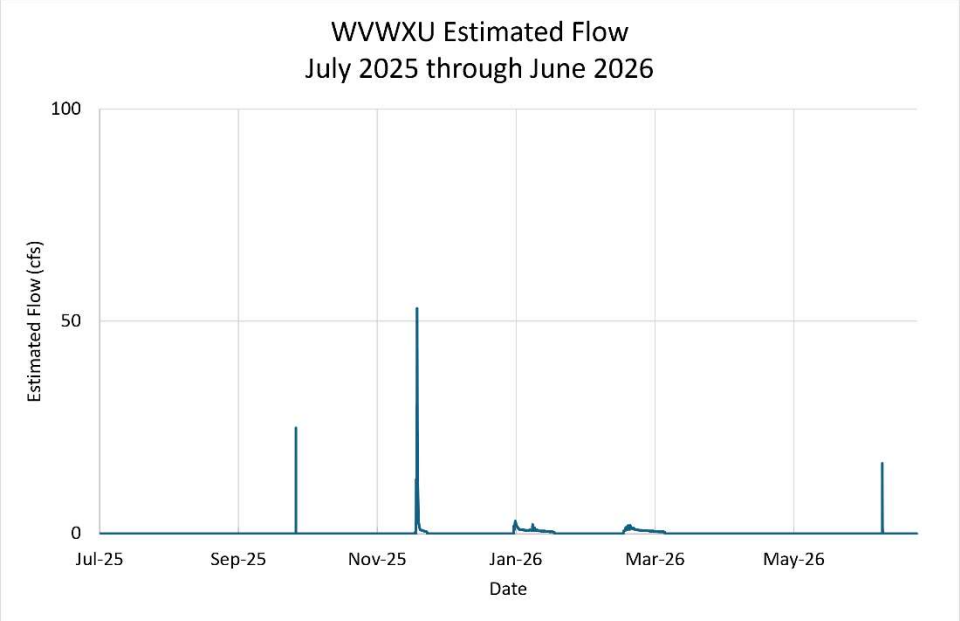


Figure 25, WVWXU, July 2025, through June 2026, Estimated Annual Flow Data

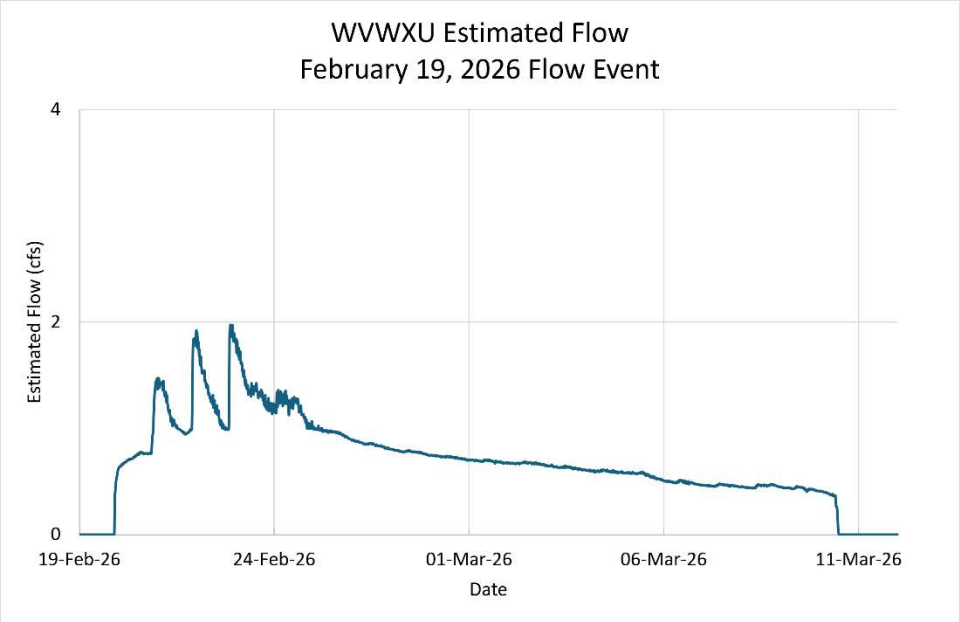


Figure 26. WVWXU, February 19, 2026, Estimated Flow Data for Flow Event Producing Largest Total Volume



Figure 27. WVWXU at the start of the 2026 monitoring period.



Figure 28. WVWXU at the end of the 2026 monitoring period.



Figure 29. WVWXU at the peak of the 11/19/2025 flow event.

Lower Williamson Valley Wash (LWVW)

Two (2) flow events with measurable flow were observed at WVWXU. Flow event data including duration and estimated flow volume are outlined in Table 7 and illustrated in Figure 30 and Figure 31. Image data from the site can be seen in Figure 32, Figure 33, and Figure 34.

Table 7, LWVW, July 2025, through June 2026, Flow Event Data

Start Date	Start Time[14]	Duration (hours)[15]	Peak Stage (ft)	Peak Discharge (cfs)	Total Volume (AF)
09/28/2025	18:00	3.0	0.44	4	1
11/18/2025	15:15	47.75	1.4	80	72
Total		**50.75**			**73**

Routine maintenance and servicing were conducted quarterly during the 2026 monitoring period. The LWVW site was visited four (4) times, in July 2025, October 2025, January 2026, and April 2026. All visits were performed for routine quarterly maintenance and data collection.

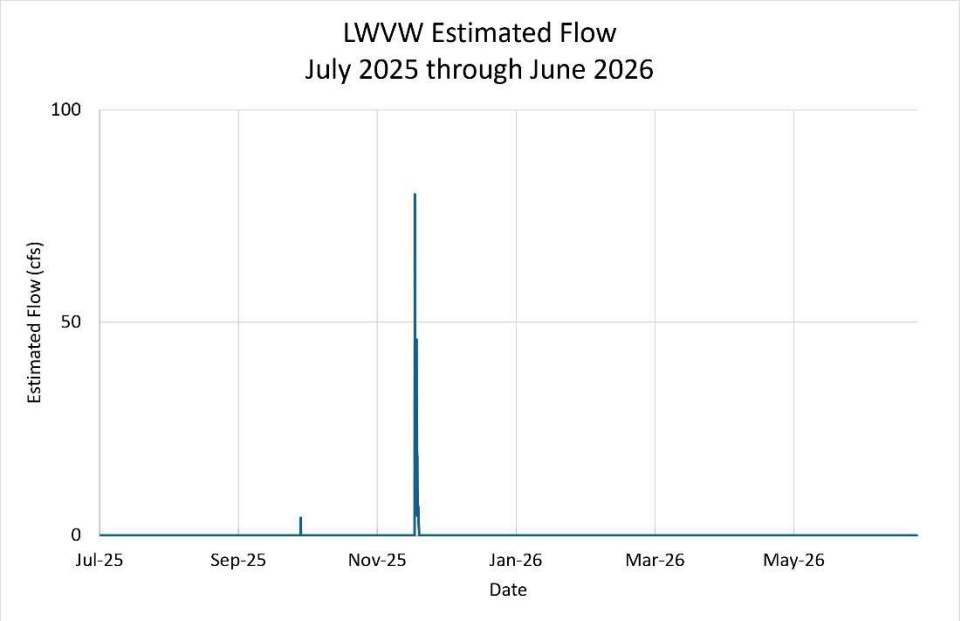


Figure 30. LWVW, July 2025, through June 2026, Estimated Annual Flow Data

[14] Start times are approximate and actual start times are within ±15 minutes of the noted time. Flow events may also continue into the following day(s).
[15] Flow event duration is based on discharge calculated using the existing rating.

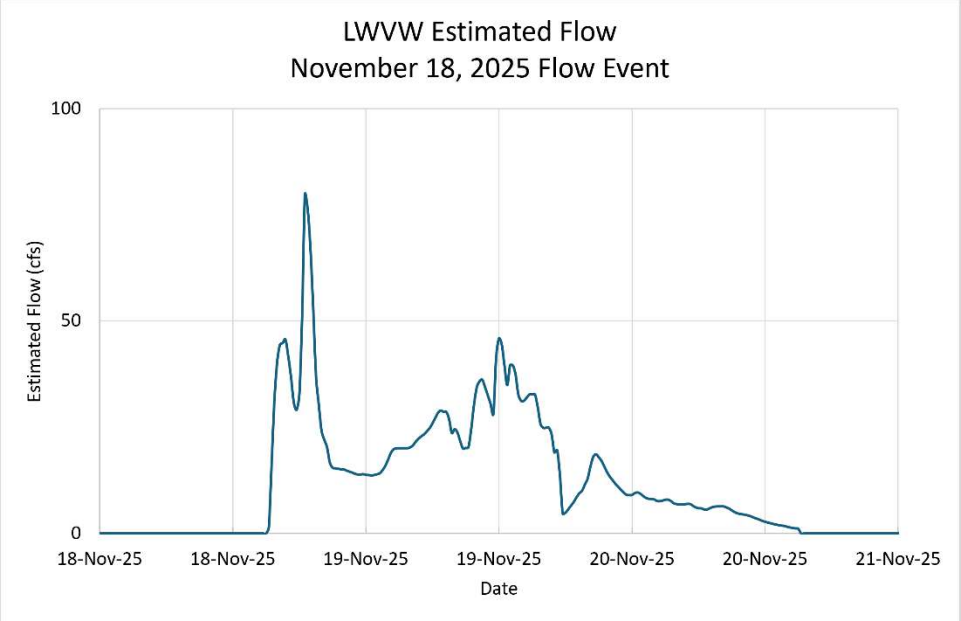


Figure 31, LWVW, November 18, 2025, Estimated Flow Data for Flow Event Producing Largest Total Volume

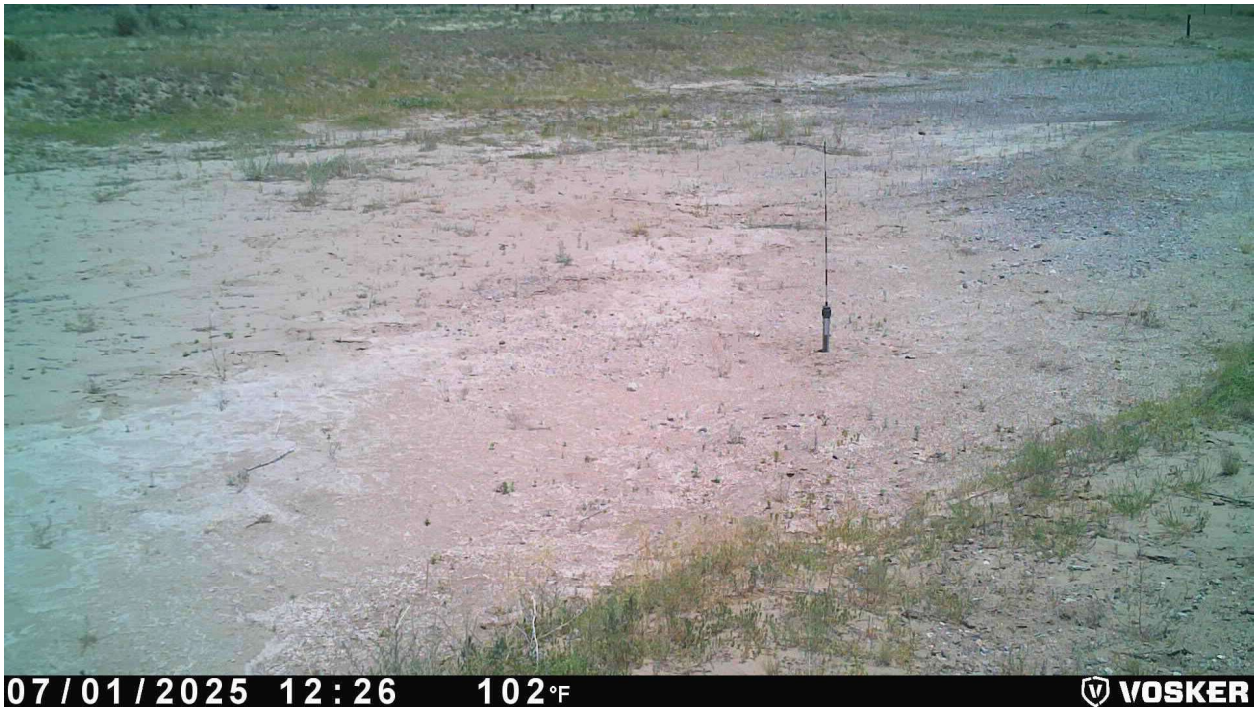


Figure 32. LWVW at the start of the 2026 monitoring period.

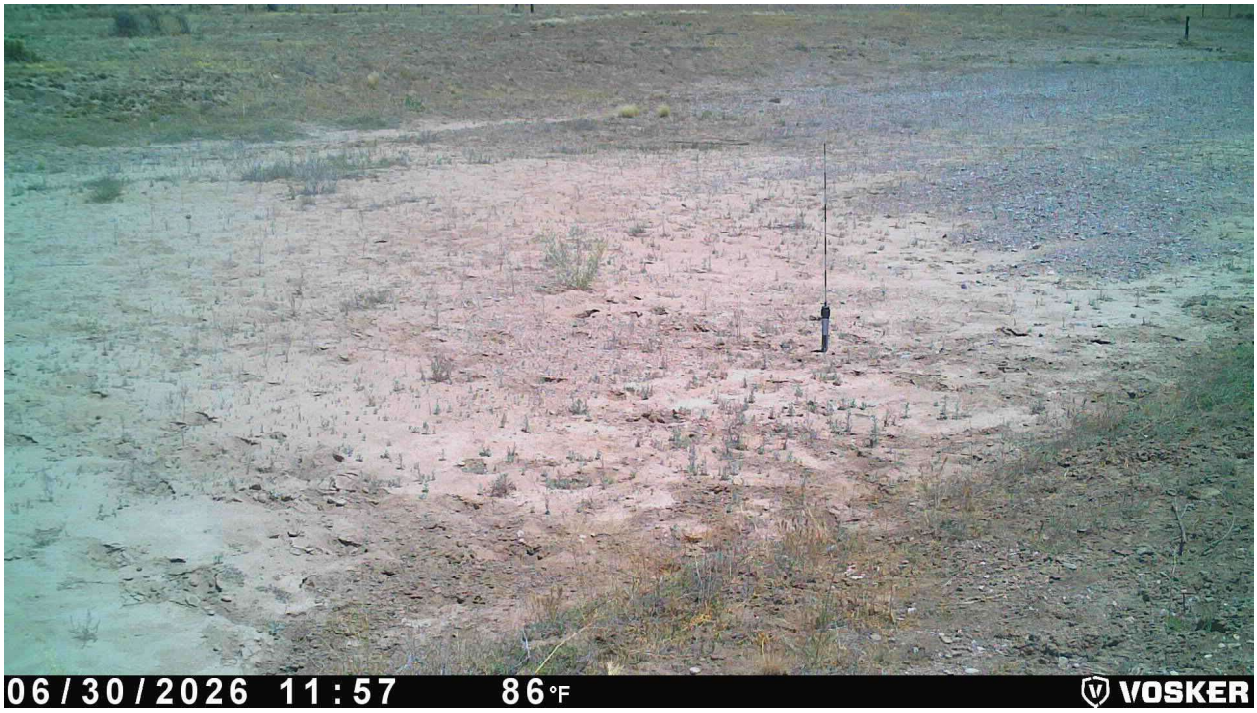


Figure 33. LWVW at the end of the 2026 monitoring period.



Figure 34. LWVW at the peak of the11/18/2025 flow event.

Lower Big Chino Wash (LBCW)

The LBCW site is a camera only site. The Big Chino Wash at Paulden, AZ USGS stream gage (USGS-09502830) is about 0.15 river miles downstream of the SRP LBCW Flowtography® stream gage. Flow data for the USGS stream gage can be seen in Figure 35 and Figure 36. Image data from the site can be seen in Figure 37, Figure 38, and Figure 39.

Routine maintenance and servicing were conducted quarterly during the 2026 monitoring period. The LBCW site was visited four (4) times, in July 2025, October 2025, January 2026, and April 2026. All visits were performed for routine quarterly maintenance and data collection.

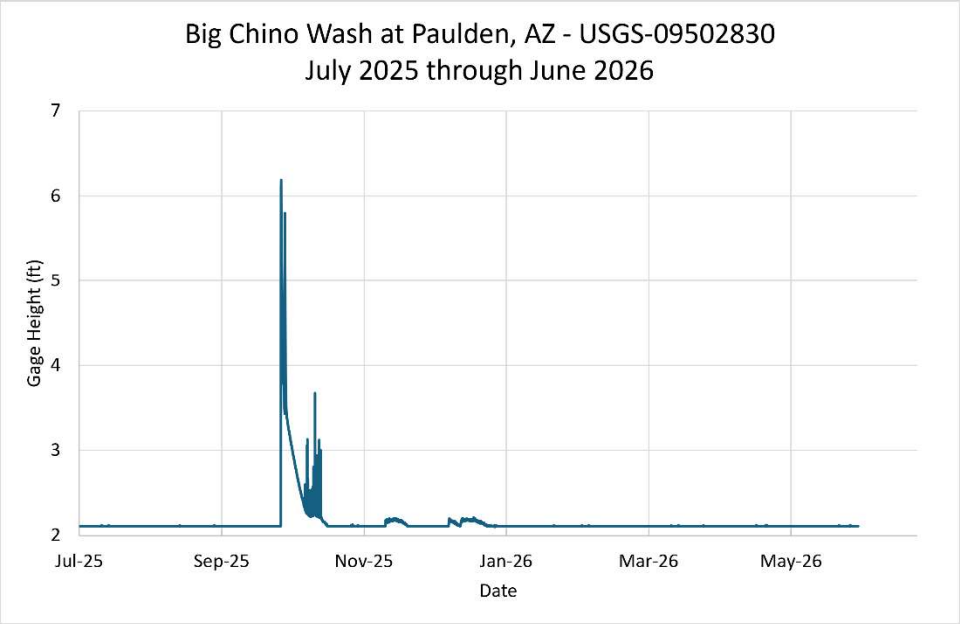


Figure 35, LBCW, July 2025, through June 2026, Annual Gage Height Data

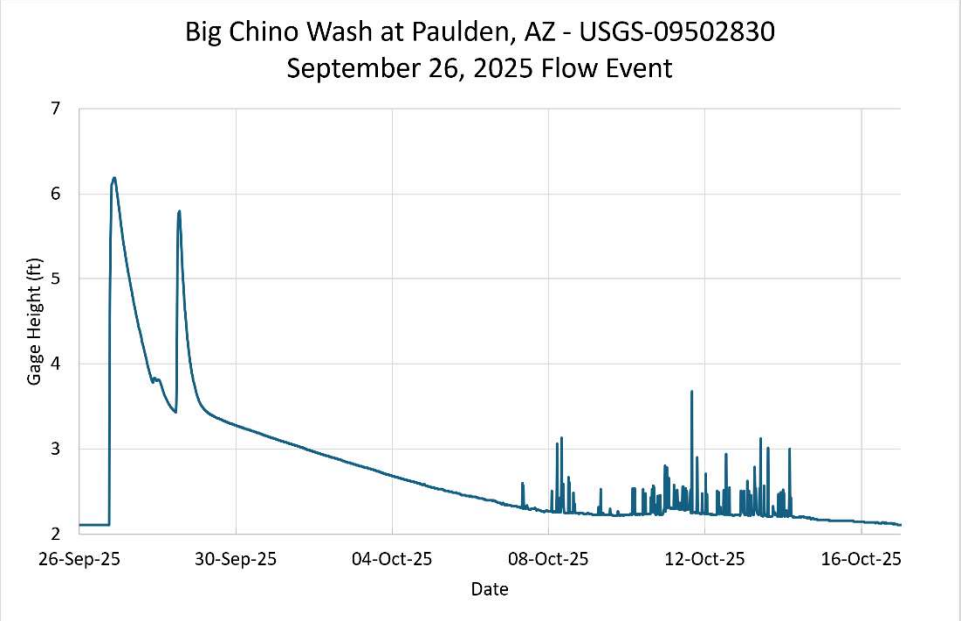


Figure 36, LBCW, September 26, 2025, Gage Height Data for Flow Event with Highest Peak Stage for the 2026 Monitoring Period.



Figure 37, LBCW at the start of the 2026 monitoring period.



Figure 38, LBCW at the end of the 2026 monitoring period.



Figure 39, LBCW at the peak of the 09/26/2025 flow event.

Sullivan Dam (SD)

Two (2) events with flow over the weir crest were observed at Sullivan Dam. Stage data including start time, duration, and peak stage are outlined in Table 8 and illustrated in Figure 40 and Figure 41. Image data from the site can be seen in Figure 42 ,Figure 43, and Figure 44.

Table 8, SD, July 2025, through June 2026, Flow Event Data

Start Date	Start Time[16]	Duration (hours)[17]	Peak Stage (ft)	Peak Discharge (cfs)	Total Volume (AF)
09/26/2025	22:00	34.75	0.16		
09/28/2025	11:30	19.0	0.18		
Total		**53.75**			

Routine maintenance and servicing were conducted quarterly during the 2026 monitoring period. The SD site was visited four (4) times, in July 2025, October 2025, January 2026, and April 2026. All visits were performed for routine quarterly maintenance and data collection.

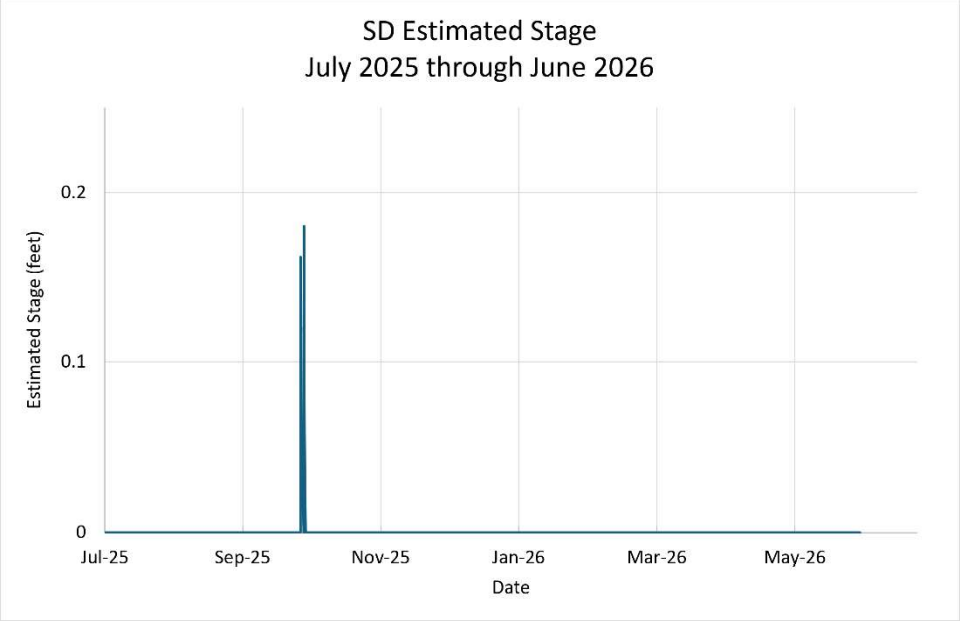


Figure 40. SD, July 2025, through June 2026, Estimated Annual Stage Data

[16] Start times are approximate and actual start times are within ±15 minutes of the noted time. Flow events may also continue into the following day(s).
[17] Flow event duration is based on discharge calculated using the existing rating.

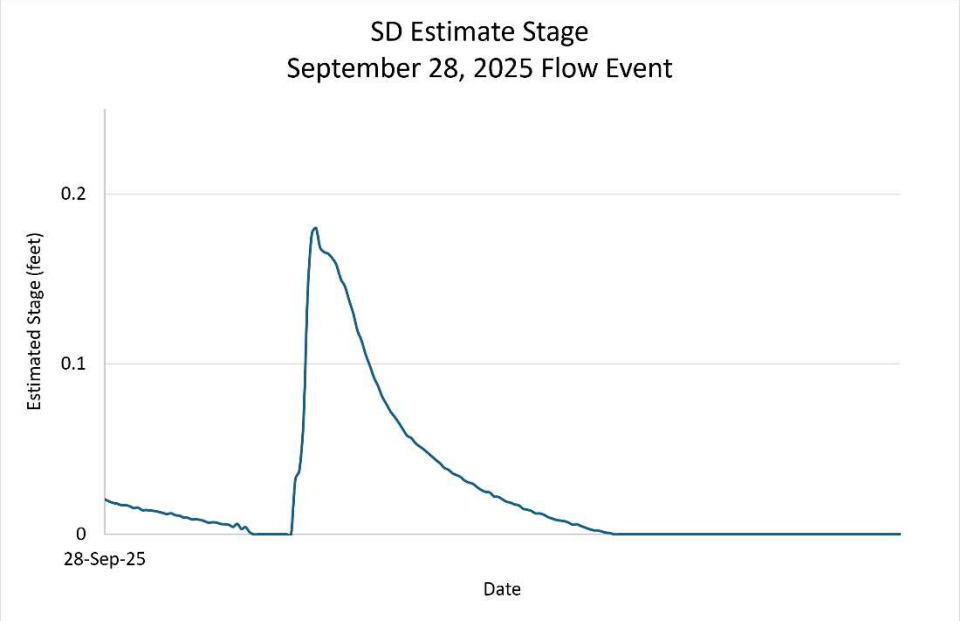


Figure 41, SD, September 28, 2025, Estimated Stage Data for Flow Event with the Highest observed Peak Stage



Figure 42, SD at the start of the 2026 monitoring period.

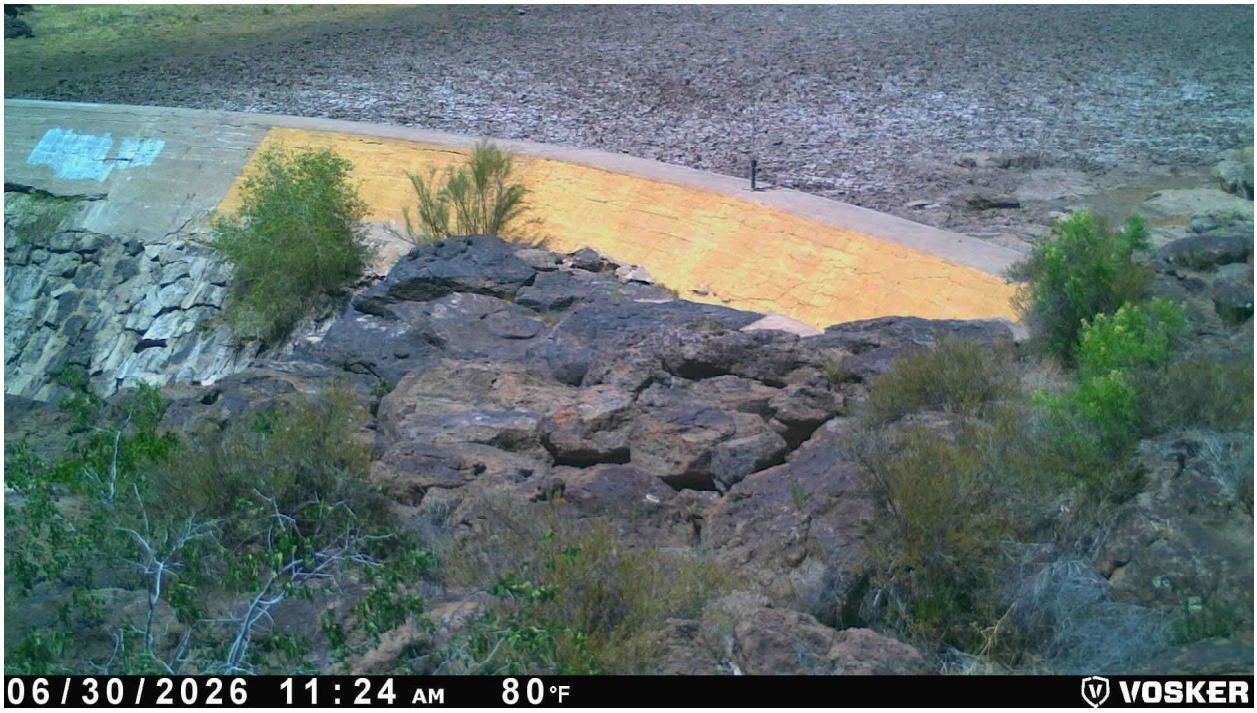


Figure 43, SD at the end of the 2026 monitoring period.



Figure 44, SD at the peak of the 09/28/2025 flow event.

Verde Headwaters at Campbell Ranch (VHCR)

Continuous stage data was collected at the VHCR site for the duration of the 2026 monitoring period. The channel upstream and downstream of the weir remains affected by the March 2023 high-flow event. Ongoing channel and weir instability continue to preclude the development of a reliable stage-discharge relationship; therefore, discharge is not currently calculated from stage data. Estimated stage data are illustrated in Figure 45, with the event starting on 09/29/2025 highlighted in Figure 46. Image data for the site can be seen in Figure 50, Figure 51, and Figure 52.

The USGS Verde River near Paulden, AZ stream gage is approximately six (6) river miles downstream of VHCR. Flow event data peak is outlined in Table 9. Annual flow data for the USGS gage is illustrated in Figure 49.

Table 9. VHCR July 2025 through June 2026 Flow Event Data (Peak Discharge)

Start Date	VHCR (cfs)	Verde River Near Paulden, AZ – USGS-09503700 (cfs)
08/26/2025	-	26
09/27/2025	-	121
09/29/2025	-	212
10/10/2025	-	36.3
11/18/2025	-	40.8
11/22/2025	-	22.6

The VHCR site was visited eighteen (18) times during the 2026 monitoring period. In addition to routine maintenance and data collection, the following adjustments were made at the site:

- Eighteen (18) current meter measurements were performed to verify flow at the site.
- Manual vegetation and debris removal from the channel upstream and downstream of the weir.

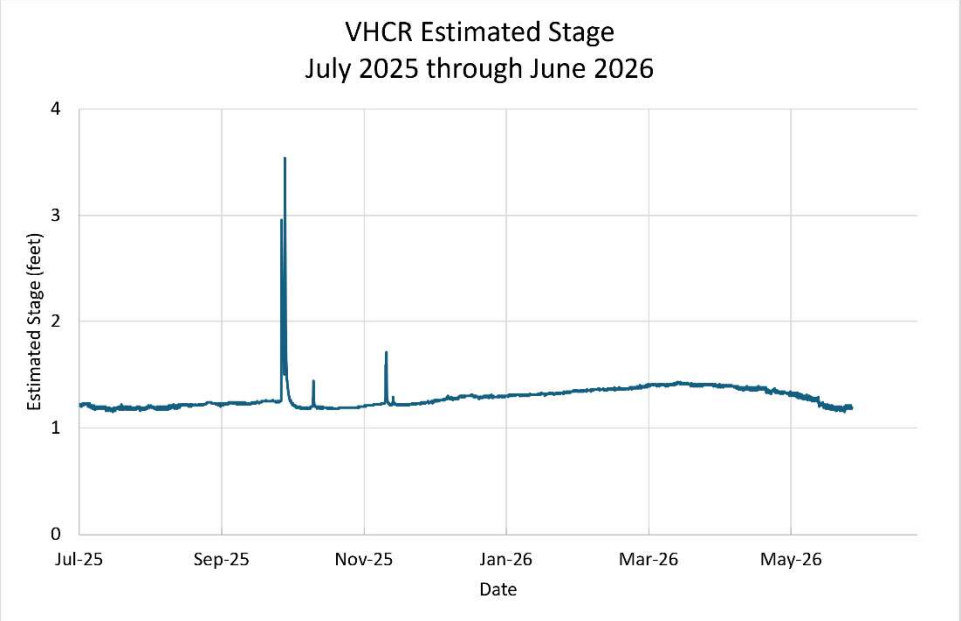


Figure 45, VHCR July 2025, through June 2026, Estimated Annual Stage Data

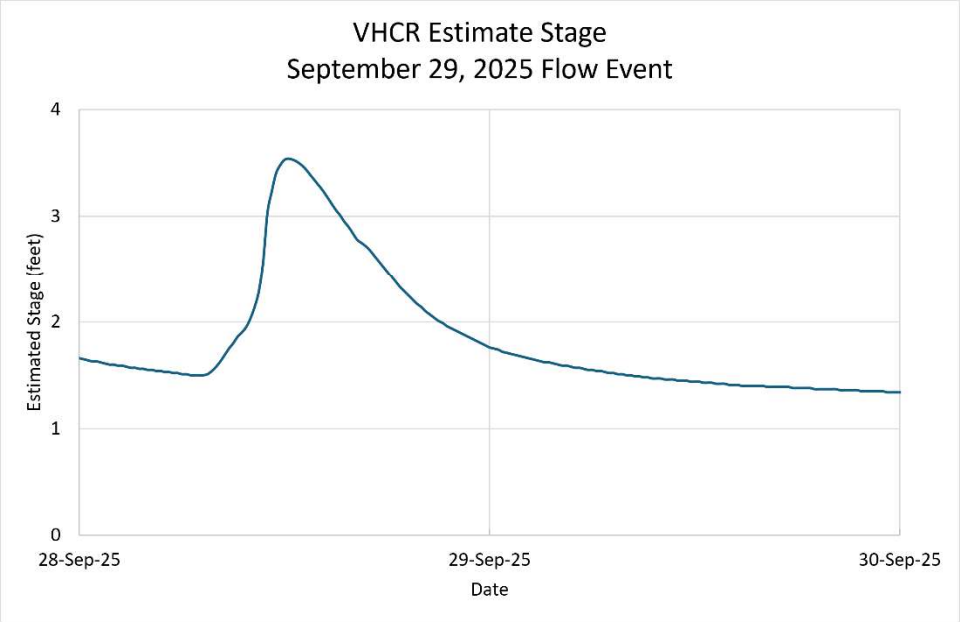


Figure 46. VHCR, September 29, 2025, Estimated Stage Data for Flow Event with the Highest observed Peak Stage

Baseflow at VHCR generally ranges between approximately 13 and 21 cfs, whereas precipitation-driven flow events can produce flows ranging up into thousands, of cfs. SRP flow data for VHCR are available starting in 2005; however, the stage-discharge rating was capped at 100 cfs prior to 2014. As a result, while Figure 47 shows the full period of record for estimated VHCR flows, any flows exceeding 100 cfs are not reflected in the pre-2014 data, even if such flows occurred. The Verde River near Paulden, AZ (USGS-09503700) data has been added to Figure 47 for additional reference. In Figure 48, the period of record for VHCR is shown with

storm-event flows removed by trimming values greater than approximately 25 cfs prior to 2015 and greater than approximately 20 cfs after 2015. This filtering isolates the underlying baseflow signal and reveals a gradual decline from approximately 21 cfs in 2005 to approximately 14-15 cfs during 2020-2023. The rapid return to pre-storm flow conditions following major runoff events indicates that storm flows do not result in a sustained increase in the site's flow regime. Overall, the record suggests a long-term reduction in baseflow of approximately 30-35% over the period of record.

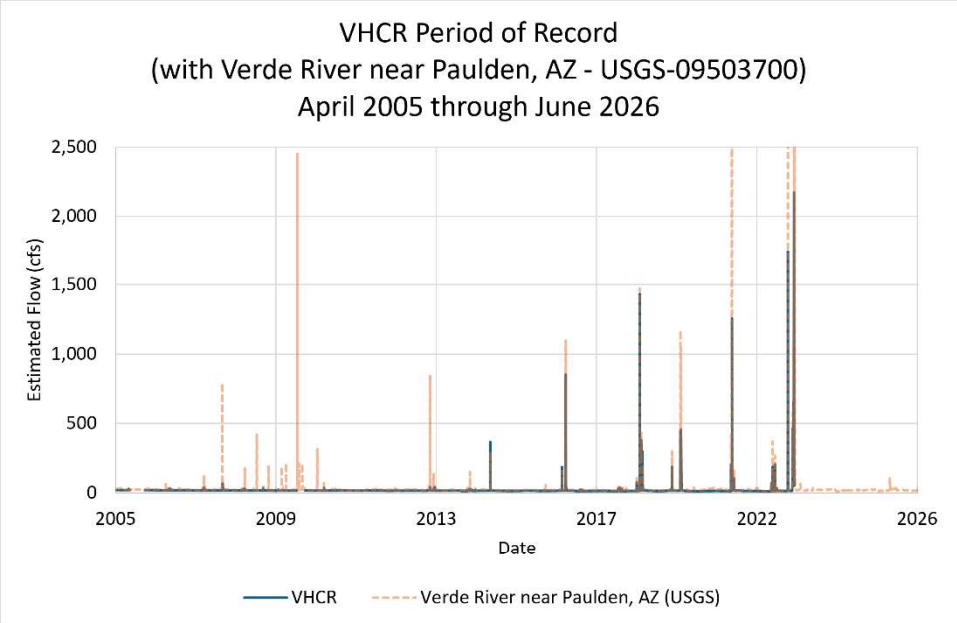


Figure 47. VHCR, April 2005, through June 2026, Period of Record with Verde River near Paulden, AZ USGS-09503700 data for Reference

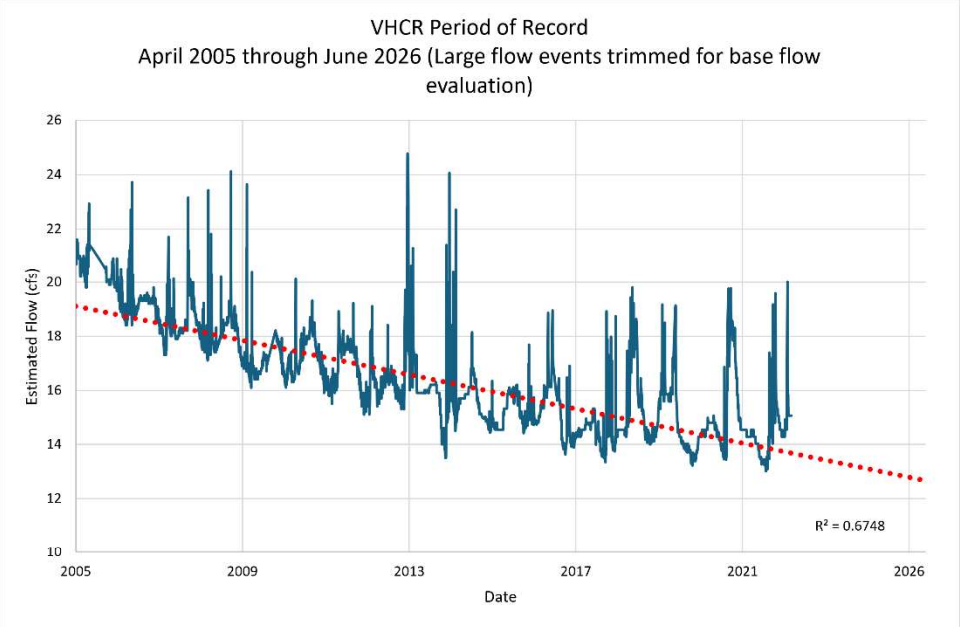


Figure 48. VHCR, April 2005, through June 2026, Period of Record with Trendline

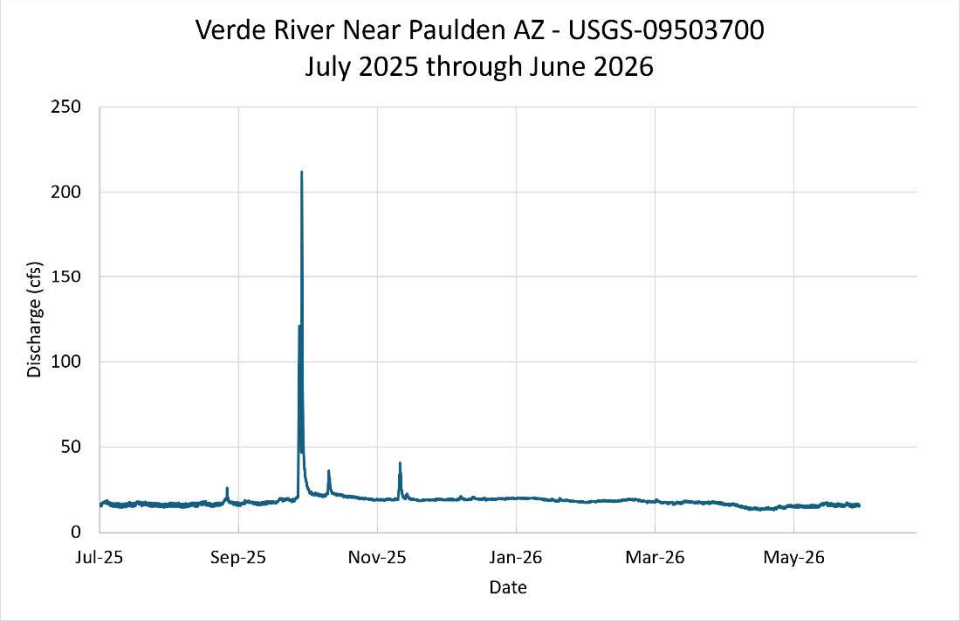


Figure 49, Verde River Near Paulden, AZ USGS-09503700, July 2025 through June 2026, Annual Flow Data

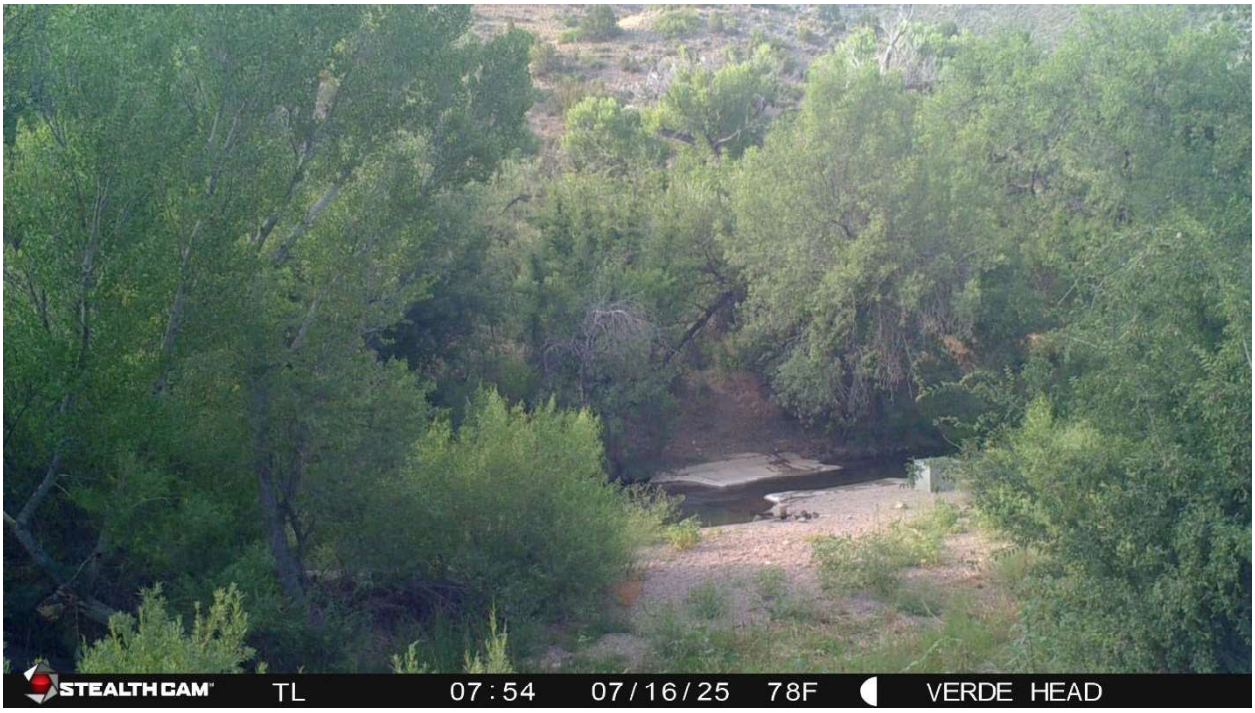


Figure 50, VHCR at the start of the 2026 monitoring period.

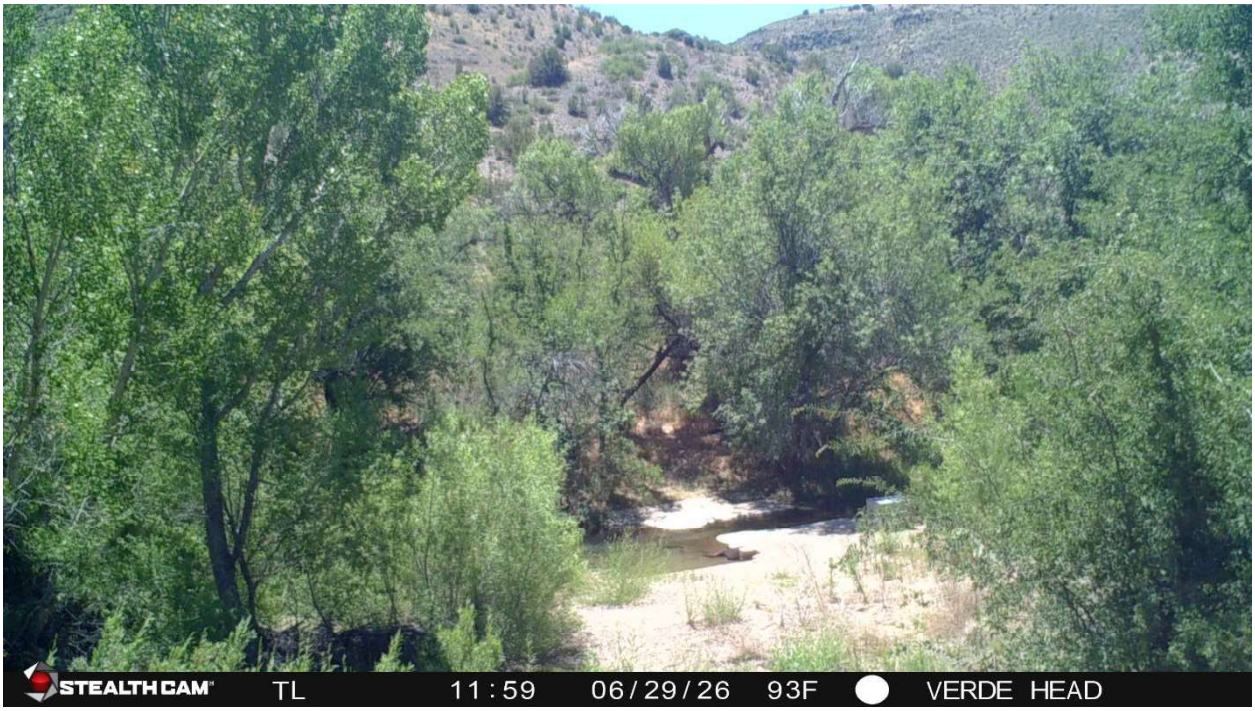


Figure 51. VHCR at the end of the 2026 monitoring period.

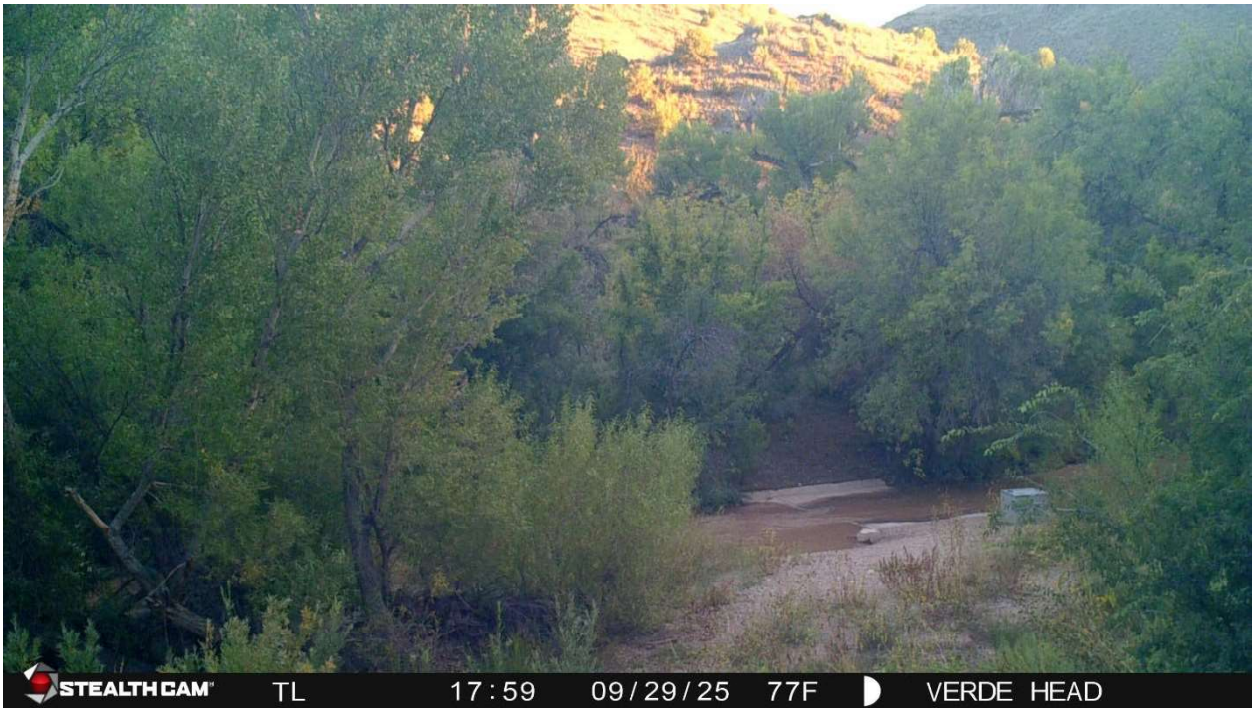


Figure 52. VHCR at the peak of the 09/29/2025 flow event.

Summary

A summary of the flow events observed in the sub-basin during the 2026 monitoring period are outlined below:

- Flow was observed at all sites within the sub-basin.
- Fifteen (15) basin-wide precipitation events that resulted in flow were observed during the monitoring period:
    - Eight (8) of the flow events observed occurred during the 2025 monsoon (June 15, 2025 – September 30, 2025).
    - Three (3) of the flow events observed occurred post-monsoon and pre-winter (October 1, 2025 – November 30, 2025).
    - Three (3) of the flow events observed occurred during the winter (December 1, 2025 – February 28, 2026).
    - One (1) flow event occurred during the 2026 monsoon (June 15, 2026 – September 30, 2026).
- After two consecutive monitoring periods (2024 and 2025) with no observed flow at LWVW or LWCCP, observable flow returned during the 2026 monitoring period.
- Water spilled over Sullivan Dam for approximately 54 hours. Just over 2 days.
- The total estimated flow volume observed in the sub-basin at all sites combined for the 2026 reporting period was approximately 868 AF.

SRP Water Operations and Instrumentation Services continue to maintain the sites and Watershed Hydrology continues to process pressure transducer data and SRP Flowtography® image data collected at monitoring locations.

The data presented in this report are provisional and reflect the best available data when it was prepared.

APPENDIX II

Summaries of Data Collection Equipment

Established Monitoring Efforts

Groundwater Level Monitoring

Well Name	ADWR 55 number	Land Owner	Cadastral	Depth (ft bgs)	Perforated Interval (ft bgs)	Water Level (ft bgs)	Data Repository
MW-4b1	228266	USDA Forest Service	B(18-01) 28BCD	460	340-460	320	GWSI
MW-4b2	228265	USDA Forest Service	B(18-01) 19 ADC	520	420-520	400	GWSI
MW-4b3	228262	Arizona State Land Department	B(18-01) 31 CCD	480	380-480	360	GWSI
MW-4d	228472	Arizona State Land Department	B(17-02) 11ABA	450	280-340 (LCS); 330-450 (PVC)	310	GWSI
MW-4e	228263	Arizona State Land Department	B(17-02) 12CBD	340	240-340	225	GWSI
MW-4g	921236	Southwest Land & Cattle LLC (dba K Larson)	B(18-03) 26ACC	1400	1000-1400	142	GWSI
BMW-2	921256	Kieckhefer, J.I.	B(18-04) 01ABD	2000	1600-2000	180	GWSI
Glidden	631886	USDA Forest Service	B(18-01) 27ABD	230	150-219	192.4	GWSI
HR-2	527679	Civitan Foundation	B(17-02) E02DCA	500	Not cased	328.3	GWSI
MW-4f.1 (Patton)[1]	803378	Southwest Land and Cattle Co.	B(18-03) 26BDD	92	25 to 60 and 80 to 90	15.5 to 18.3	GWSI
MW-4f.2 (Johnson)[1]	557247	Southwest Land and Cattle Co.	B(18-03) 26BDB1	320	37 to 320	119.4 to 141.8	GWSI

Well Name	ADWR 55 number	Land Owner	Cadastral	Depth (ft bgs)	Perforated Interval (ft bgs)	Water Level (ft bgs)	Data Repository
WMW-1(Pump 7)[2]	624116	City of Prescott	B(20-04) 19CBA	600	unk	66.2 to 103	GWSI
WMW-2 (200' N of Pump 3)[2]	210660	City of Prescott	B(20-04) 33CBD2	100-160 and 310-400	0-420	30	NWIS and GWSI
WMW-3 (1000' SE of Pump 12)[2]	210659	City of Prescott	B(19-04) 10CCB2	670	614-654	14 to 29	NWIS and GWSI
BMW-3	905773	Kieckhefer	B(18-04) 01ACA2	1000' casing	499-999	155 (2008)	GWSI
BMW-1 (previously named BH-1)[2]	200027	Kieckhefer	B(18-04) 11ACC	490	290-490	315.6 (2007)	GWSI
BCMW-1	211839	City of Prescott	B(18-04) 25AAA2	737	300-620	261.2 (2008)	GWSI
Paulden South (PZ3)[3]	524078	City of Prescott	B(17-02S) 04DCB3	170	130-170	108 (2019)	GWSI

[1]Southwest Groundwater Consultants, January 4, 2017

[2]Southwest Groundwater Consultant, December 23, 2004

[3]Not shown in Appendix III, Maps and Figures

Stream flow Monitoring

Stream flow Monitoring Sites Funded By/Established Under CA#1

Name	Completion Date	Comments
Verde Headwaters at Campbell Ranch	4/2005	https://streamflow.watershedconnection.com/?location=Campbell%20Ranch&project=
Williamson Valley Wash Near Paulden, AZ	1965-1985 2002-Current	USGS Gage 09502800
Big Chino Wash below Partridge Creek	6/26/2014	SRP
Lower Big Chino Wash	5/21/2014	SRP
Lower Walnut Creek at Charney Property	6/10/2014	SRP
Lower Williamson Valley Wash	5/22/2014	SRP
Pine Creek	5/19/2014	SRP
Upper Big Chino Wash	1/16/2014	SRP
Upper Walnut Creek at Forest Service	10/1/2014	SRP - Displaced and removed
Williamson Valley Wash at XU Ranch	6/12/2014	SRP
Upper Walnut Creek at Bridge	6/26/2014	SRP - Camera only
Big Chino Water Ranch	8/26/2015	SRP -Camera only, basin conditions
Sullivan Dam	5/25/2016	SRP -Stage gage/transducer installed 10/12/2017

Climate Monitoring

Publicly Accessible Repositories for Climate Data

Agency Name	Data Portal
YCFCD	https://www.yavapaiaz.gov/Resident-Services/Flood-Control
USGS Arizona	https://waterdata.usgs.gov/state/Arizona/
NWS-HADS - Camp Wood – CPWA3 - Ashfork – ASFA3	https://hads.ncep.noaa.gov/ https://hads.ncep.noaa.gov//cgi-bin/hads/interactiveDisplays/displayMetaData.pl?table=dcp&nesdis_id=CE2280DC https://hads.ncep.noaa.gov//cgi-bin/hads/interactiveDisplays/displayMetaData.pl?table=dcp&nesdis_id=F001D610
Historic Climatic Data	http://www.wrcc.dri.edu/summary/climsmaz.html

Existing Weather Stations in the Big Chino Sub-basin[1]

Station Name	Responsible Agency	Data Collected
Granite Basin	YCFCD	Precipitation
Walnut Creek	YCFCD	Precipitation/Stage
Big Chino Wash @ SR 89	YCFCD	Precipitation/Stage
CYFD @ Outer Loop Rd	YCFCD	Precipitation
Hyde Mountain	YCFCD	Precipitation
Williamson Valley FD	YCFCD	Precipitation
Seligman Airport	YCFCD	Precipitation/Weather
Ash Fork Draw @ I-40	SRP	Precipitation/Stage
Partridge Creek @ I-40	YCFCD	Precipitation/Stage
Crookton	YCFCD	Precipitation
Big Chino Water Ranch	YCFCD	Precipitation/Weather
Williamson Valley Wash near Paulden, AZ	USGS	Precipitation/Stage/Flow
Verde River @ Perkinsville	USGS	Precipitation/Stage/Flow
Camp Wood Rain Near Bagdad CPWA3	National Weather Service	Precipitation
Ashfork 12 NW ASFA3	National Weather Service	Precipitation
Limestone Canyon	YCFCD	Precipitation
Verde River near Paulden, AZ	USGS	Precipitation/Stage/Flow
George Wood Canyon	SRP	Precipitation/Weather

[1] Not all the weather stations are included in Figures.