



TECHNICAL MEMORANDUM

San Antonio Creek Valley Groundwater Basin Quarterly Groundwater Level Monitoring – Second Quarter 2026

To: Ms. Stephanie Bertoux, Executive Director,
San Antonio Basin Groundwater Sustainability Agency

From: Michael McAlpin, PG and Tim Thompson, PG, CHg, GSI Water Solutions, Inc.

Attachments: Tables:
Table 1. Second Quarter 2026 Groundwater Level Measurements – Depth to Water
Table 2. Second Quarter 2026 Groundwater Level Measurements – Groundwater Elevation

Figures:
Figure 1. Wells Included in the San Antonio Creek Valley Groundwater Basin Groundwater Monitoring Network

Date: June 22, 2026

Introduction

On behalf of the San Antonio Basin Groundwater Sustainability Agency (SABGSA), GSI Water Solutions (GSI) completed the second quarter 2026 (2Q2026) San Antonio Creek Valley Groundwater Basin (Basin) groundwater level monitoring event (monitoring event) on June 9th and 10th, 2026. Prior to each quarterly monitoring event, GSI contacts well owners/property managers to coordinate access to the wells and request that wells be shut off for at least 8 hours before the monitoring event to facilitate measurement of static groundwater levels. Well owners/property managers were notified on May 26th, 2026.

GSI successfully measured depth to groundwater in 38 of the 40 wells that have access agreements in place during the 2Q2026 monitoring event. Tables 1 and 2 provide the status of the current well access agreements, and Figure 1 displays the well locations. The following text and tables summarize the results of the 2Q2026 monitoring event.

2Q2026 Groundwater Level Monitoring Event Summary

The attached Tables 1 and 2 summarize the results of the 2Q2026 monitoring event for the wells in the Basin Groundwater Level Monitoring Network (Monitoring Network). The tables include the status of the current well access agreements, depth to groundwater measurements (Table 1), and calculated groundwater elevations (Table 2) for all wells that were able to be accessed during the monitoring event. Wells identified as a Representative Monitoring Site (RMS) in the Basin's Groundwater Sustainability Plan (GSP) are identified in Table 2 and denoted with their respective sustainable management criteria (i.e., Minimum Threshold and Measurable Objective). The following is a summary of observations from the 2Q2026 monitoring event:

- The two wells with active well access agreements that did not have a groundwater level measurement collected during the 2Q2026 monitoring event were 2N1 and 17K2.

- Premiere Coastal Vineyards (PCV) met with GSI at 2N1 during the 2Q2025 monitoring event to confirm the access port through which to deploy the water level sounding device. However, a cable had been deployed through the access port which prevented adequate clearance to insert the water level sounding probe to collect a water level measurement. The cable was removed by PCV staff prior to the 2Q2026 monitoring event. The water level sounder became stuck at 38 feet below the reference point and the water level measurement attempt was unsuccessful. A water level measurement at well 2N1 was last recorded during the 1Q2024 monitoring event. 2N1 is currently being evaluated for removal from the Basin Monitoring Network.

Mesa Vineyard, 2N1, and Well 4 are all located on the PCV property, are completed to similar depths, are screened at similar depth intervals, and historically have similar water levels. None of these wells have been identified as a RMS. Maintenance of Mesa Vineyard and 2N1 has been recommended in preceding quarterly reporting to remove rusty material and oil from the wells' water column. The water level reading device becomes coated in either rust or oil when lowered into the well, occasionally blocking the sensor and preventing an accurate water level measurement. Well 4 is the newest well on the property, constructed in 2023. Removal of 2N1 from the Basin Monitoring Network would not result in a data gap. Water levels measured in Well 4 are representative of the area. Based on the same rationale, the SABGSA may consider removing Mesa Vineyard from the Basin Monitoring Network if the rusty material and oil are unable to be removed from the well.

- A manual groundwater level measurement was not taken at well 17K2 because the vegetation along the well access route has become dense and overgrown, preventing safe access to the well. Monitoring is expected to resume in 3Q2026 following the SABGSA's biannual well access trail vegetation trimming.
- Water level measurements for 2R1 and 4-Deer Field are confirmed pumping levels. Landowners were contacted via telephone on Tuesday, June 9th and asked to cease pumping overnight to allow for a reattempt the following day on Wednesday, June 10th after groundwater levels recovered to static conditions. GSI staff arrived the morning of June 10th and both wells were confirmed to be pumping. Pumping water levels were collected but will not be used for reporting. Well 4 is downgradient from Well 2R1 and, based on historical static water level measurements from the wells, water levels in Well 4 may have been drawn down by a few feet as a result of the upgradient pumping.
- Pressure transducers were installed in the following five wells:
 - Schaff Well
 - White Hawk 1
 - SACC 4
 - 17E1
 - 4-Deer Highway
- The transducer at well 13C1 was removed by the well owner prior to the 1Q2026 monitoring event. The well owner informed GSI that the well is currently undergoing repair. GSI removed the transducer from the well site and will attempt to re-deploy the transducer during the 3Q2026 monitoring event if well repairs are completed.
- Wells without current well access agreements, including RMS wells, are being evaluated for replacement using existing Monitoring Network wells and potential candidate wells identified using the data collected from the SABGSA Well Registration Program.

Recommended Action Items

- Perform a RPE Survey for the wells in the Monitoring Network in accordance with the Sustainable Groundwater Management Act (SGMA) well elevation accuracy requirements.

- Vegetation trimming is recommended to be completed again following the end of bird nesting season in September and prior to the 3Q2026 monitoring event.

Table 1. Second Quarter 2026 Groundwater Level Measurements – Depth to Water

State Well Number	Site Name	Well Type	Water Level Measurement Frequency/Type	Area	Total Depth (feet bgs)	Aquifer of Completion	DTW on 6/20/23, 6/21/23 and 6/28/23	DTW on 9/12/23 and 9/13/23	DTW on 12/12/23 and 12/13/23	DTW on 2/27/24 and 2/28/24	DTW on 6/4/24 and 6/5/24	DTW on 8/27/24 and 8/28/24	DTW on 11/26/24 and 11/27/24	DTW on 2/25/25 and 2/26/25	DTW on 6/3/25 and 6/4/25	DTW on 9/16/25 and 9/17/25	DTW on 11/25/25 and 11/26/25	DTW on 3/17/26 and 3/18/26	DTW on 6/9/26 and 6/10/26	Notes on 6/9/26 and 6/10/26
009N034W34N002S	SAHC	Monitoring	Continuous/Transducer	West San Antonio Basin	90	Careaga Sand	74.34	74.06	73.86	73.52	73.06	72.54	71.78	71.05	--	68.91	68.32	67.78	67.58	
008N034W21A002S	SASA	Monitoring	Continuous/Transducer	West San Antonio Basin	65	Careaga Sand	44.82	45.39	46.25	45.59	43.54	44.47	45.46	45.54	45.83	45.83	47.02	46.56	46.77	
008N034W14L002S	SAGR	Monitoring	Continuous/Transducer	West San Antonio Basin	90	Paso Robles Formation	62.18	62.31	61.81	60.62	60.13	61.30	61.41	61.16	62.72	64.22	63.49	62.03	62.43	
008N034W23H001S	SAHG	Monitoring	Continuous/Transducer	West San Antonio Basin	75	Paso Robles Formation	27.99	30.60	33.22	30.09	29.55	29.83	32.70	--	36.15	36.04	35.68	31.59	32.09	
008N033W22G001S	SALS	Monitoring	Continuous/Transducer	Central San Antonio Basin	70	Paso Robles Formation	29.29	28.64	29.83	26.88	26.17	27.96	29.63	30.39	31.41	31.98	32.35	28.41	29.50	
008N032W29L004S	SALA	Monitoring	Continuous/Transducer	Central San Antonio Basin	90	Paso Robles Formation	26.79	32.32	36.12	25.85	26.79	32.01	35.15	37.60	38.79	40.89	41.11	26.85	33.57	
008N033W19K002S	SACR 1	Monitoring	Continuous/Transducer	West San Antonio Basin	690	Careaga Sand	47.90	53.74	48.68	48.68	49.17	54.06	49.98	47.54	50.36	53.55	48.83	47.22	50.21	
008N033W19K003S	SACR 2	Monitoring	Quarterly/Discrete	West San Antonio Basin	540	Paso Robles Formation	77.38	79.39	73.10	72.08	75.67	84.68	73.11	72.46	78.15	79.31	72.92	73.24	82.30	
008N033W19K004S	SACR 3	Monitoring	Continuous/Transducer	West San Antonio Basin	350	Paso Robles Formation	110.41	117.35	99.95	95.83	103.84	117.91	99.86	97.52	103.60	122.10	110.39	99.06	104.14	
008N033W19K005S	SACR 4	Monitoring	Quarterly/Discrete	West San Antonio Basin	220	Paso Robles Formation	90.53	91.87	92.38	91.58	91.51	93.26	93.18	93.04	94.23	97.12	95.19	93.74	95.33	
008N033W19K006S	SACR 5	Monitoring	Quarterly/Discrete	West San Antonio Basin	110	Paso Robles Formation	91.91	94.34	95.62	96.16	95.74	97.06	98.61	98.47	99.13	100.63	100.70	98.77	99.78	
008N032W19M001S	SACC 1	Monitoring	Continuous/Transducer	Central San Antonio Basin	980	Paso Robles Formation	224.04	232.96	222.72	214.81	224.72	232.65	223.95	226.01	238.12	244.94	225.00	225.65	238.18	
008N032W19M002S	SACC 2	Monitoring	Quarterly/Discrete	Central San Antonio Basin	720	Paso Robles Formation	212.87	219.52	214.50	208.10	211.82	218.35	218.17	214.92	218.61	225.02	218.98	215.63	221.38	
008N032W19M003S	SACC 3	Monitoring	Quarterly/Discrete	Central San Antonio Basin	530	Paso Robles Formation	213.21	219.74	213.49	206.69	214.97	218.65	217.62	218.10	221.20	223.79	217.35	215.76	222.45	
008N032W19M004S	SACC 4	Monitoring	Continuous/Transducer	Central San Antonio Basin	325	Paso Robles Formation	174.52	177.45	176.87	173.61	174.46	176.76	177.42	176.34	177.73	179.93	177.87	176.14	179.00	
008N032W19M005S	SACC 5	Monitoring	Quarterly/Discrete	Central San Antonio Basin	120	Paso Robles Formation	106.94	106.50	105.82	105.66	105.08	104.95	104.84	104.54	104.58	104.80	104.85	104.89	104.81	
--	White Hawk 1	Irrigation	Continuous/Transducer	Central San Antonio Basin	560	Careaga Sand	123.96	124.58	123.29	122.81	122.32	122.78	122.09	121.37	121.60	122.23	121.84	121.00	120.40	
--	White Hawk 4a	Irrigation	Quarterly/Discrete	Central San Antonio Basin	--	Careaga Sand	--	--	--	--	93.61	94.48	93.12	92.48	93.16	94.57	93.34	92.47	92.32	
--	Mesa Vineyard	Irrigation	Quarterly/Discrete	Central San Antonio Basin	--	Careaga Sand	--	219.17	216.91	214.89	215.50	216.23	217.19	215.61	215.24	214.64	214.39	213.54	212.80	Oil observed when retrieving water level sounder
008N033W02N001S	2N1	Irrigation	Quarterly/Discrete	Central San Antonio Basin	980	Careaga Sand	224.23	228.06	224.33	222.20	--	--	--	--	--	--	--	--	--	Sounder became stuck at approximately 38 feet below the reference point. A water level was not measured.
008N033W02R001S	2R1	Domestic	Quarterly/Discrete	Central San Antonio Basin	370	Careaga Sand	120.61	120.94	121.02	121.48	123.06	122.25	122.46	122.06	122.90	122.56	122.52	122.97	--	Pumping water level measurement
--	Well 4	Irrigation	Quarterly/Discrete	Central San Antonio Basin	1,000	Careaga Sand	--	--	122.50	122.29	122.01	--	--	124.16	122.66	122.12	121.98	122.70	125.74	Potential minor drawdown caused by nearby pumping well
008N033W10	4-Deer Field	Irrigation	Quarterly/Discrete	Central San Antonio Basin	490	Careaga Sand	27.53	30.39	29.48	26.75	27.02	35.41	29.44	28.46	29.62	32.56	29.31	27.55	--	Pumping water level measurement
008N033W03L001S	4-Deer Highway	Irrigation	Continuous/Transducer	Central San Antonio Basin	349	Careaga Sand	98.01	98.79	97.63	95.02	96.07	98.78	97.40	95.80	98.40	98.50	96.25	94.29	95.22	
--	Schaff Well	Monitoring	Continuous/Transducer	Central San Antonio Basin	669	Careaga Sand	218.29	218.97	219.15	219.12	219.40	220.00	220.26	220.52	220.81	229.50	221.05	221.33	221.79	
008N034W14L001S	14L1	Monitoring	Continuous/Transducer	West San Antonio Basin	593	Careaga Sand	70.85	74.84	72.16	69.04	70.22	73.37	70.55	69.94	72.55	76.00	72.00	69.43	72.21	
008N034W17Q001S	17Q1	Monitoring	Quarterly/Discrete	West San Antonio Basin	48	Careaga Sand	13.72	14.80	15.21	12.96	13.20	14.32	14.80	14.57	14.80	9.22	15.71	14.23	15.01	
008N034W21A001S	21A1	Monitoring	Quarterly/Discrete	West San Antonio Basin	271	Careaga Sand	37.40	38.62	38.88	37.77	37.51	38.12	38.61	38.24	38.42	39.02	39.04	38.04	38.75	
008N034W17K002S	17K2	Monitoring	Quarterly/Discrete	West San Antonio Basin	60	Careaga Sand	7.30	7.31	7.31	7.33	--	7.25	7.26	7.31	7.31	7.38	7.47	7.48	--	Vegetation growth obstructing well access route. A water level was not measured.
008N034W17E001S	17E1	Monitoring	Continuous/Transducer	West San Antonio Basin	89	Careaga Sand	19.44	20.26	20.67	19.42	18.80	19.96	20.39	20.45	20.95	21.38	21.32	20.44	21.05	
008N034W16C002S	16C2	Monitoring	Continuous/Transducer	West San Antonio Basin	169	Careaga Sand	82.20	91.43	84.44	81.70	81.02	81.33	83.45	80.83	83.46	80.86	82.29	80.13	81.41	
008N034W16C004S	16C4	Monitoring	Continuous/Transducer	West San Antonio Basin	560	Careaga Sand	74.79	78.03	73.70	71.79	71.43	71.82	72.67	72.82	74.24	71.86	72.15	70.75	71.23	
008N034W17H001S	17H1	Monitoring	Quarterly/Discrete	West San Antonio Basin	61	Careaga Sand	13.94	15.65	16.43	13.19	14.33	15.59	16.61	16.58	16.92	17.79	17.98	17.04	17.51	
008N034W16F001S	16F1	Monitoring	Quarterly/Discrete	West San Antonio Basin	58	Careaga Sand	38.45	43.17	41.39	38.03	36.47	35.91	38.86	35.14	34.50	34.74	36.22	33.67	33.30	
008N034W16G003S	16G3	Monitoring	Continuous/Transducer	West San Antonio Basin	56	Careaga Sand	52.47	52.40	52.65	52.70	52.54	52.36	52.28	52.17	51.96	51.82	51.83	51.77	51.69	
008N033W13C001S	13C1	Irrigation	Continuous/Transducer	Central San Antonio Basin	1,070	Careaga Sand	188.40	186.08	185.94	185.39	184.99	185.58	185.75	185.10	--	--	--	185.06	184.12	
008N033W07	Stephen's Well	Irrigation	Quarterly/Discrete	West San Antonio Basin	590	Careaga Sand	342.19	381.46	379.15	343.34	343.34	349.12	--	343.34	--	349.12	349.12	--	349.12	
008N033W22K003S	22K3	Irrigation	Continuous/Transducer	Central San Antonio Basin	250	Paso Robles Formation	79.65	82.59	79.45	78.91	76.90	75.82	73.87	71.24	79.79	--	76.47	71.31	70.41	
008N033W13Q001S	13Q1	Irrigation	Quarterly/Discrete	Central San Antonio Basin	295	Paso Robles Formation	--	--	--	116.71	112.13	113.82	112.55	112.32	112.09	113.20	111.50	108.42	107.42	Oil observed when retrieving water level sounder
--	Char 1	Irrigation	Quarterly/Discrete	Central San Antonio Basin	330	Careaga Sand	--	--	--	--	--	--	99.03	96.72	97.88	101.36	--	--	99.03	
008N032W30D001S	30D1	Monitoring	--	Central San Antonio Basin	895	Paso Robles Formation	--	--	--	--	--	--	--	--	--	--	--	--	--	
008N032W25D001S	25D1	Irrigation	--	East San Antonio Basin	700	Careaga Sand	--	--	--	--	--	--	--	--	--	--	--	--	--	
008N031W22J001S	22J1	Unknown	--	East San Antonio Basin	--	Careaga Sand	--	--	--	--	--	--	--	--	--	--	--	--	--	
008N031W22N001S	22N1	Unknown	--	East San Antonio Basin	175	Paso Robles Formation	--	--	--	--										

Notes:	

Green highlighted cells indicate well access agreement has been acquired
Yellow highlighted cells indicate well access agreement is pending
Red highlighted cells indicate well access denied
Gray highlighted cells indicate well access not applicable
bgs = below ground surface
DTW = Depth to Water (feet below reference point elevation)
-- = unknown or not applicable

Table 2. Second Quarter 2026 Groundwater Level Measurements – Groundwater Elevation

State Well Number	Site Name	Well Type	Water Level Measurement Frequency/Type	Area	Total Depth (feet NAVD88)	Aquifer of Completion	MT Elevation (feet NAVD88)	MO Elevation (feet NAVD88)	GWE on 6/20/23, 6/21/23 and 6/28/23	GWE on 9/12/23 and 9/13/23	GWE on 12/12/23 and 12/13/23	GWE on 2/27/24 and 2/28/24	GWE on 6/4/24 and 6/5/24	GWE on 8/27/24 and 8/28/24	GWE on 11/26/24 and 11/27/24	GWE on 2/25/25 and 2/26/25	GWE on 6/3/25 and 6/4/25	GWE on 9/16/25 and 9/17/25	GWE on 11/25/25 and 11/26/25	GWE on 3/17/26 and 3/18/26	GWE on 6/9/26 and 6/10/26	Notes on 6/9/26 and 6/10/26
009N034W34N002S	SAHC	Monitoring	Continuous/Transducer	West San Antonio Basin	363	Careaga Sand	358	--	381.00	381.28	381.48	381.82	382.28	382.80	383.56	384.29	--	386.43	387.02	387.56	387.76	
008N034W21A002S	SASA	Monitoring	Continuous/Transducer	West San Antonio Basin	245	Careaga Sand	--	--	266.99	266.42	265.56	266.22	268.27	267.34	266.35	266.27	265.98	265.98	264.79	265.25	265.04	
008N034W14L002S	SAGR	Monitoring	Continuous/Transducer	West San Antonio Basin	240	Paso Robles Formation	--	--	267.37	267.24	267.74	268.93	269.42	268.25	268.14	268.39	266.83	265.33	266.06	267.52	267.12	
008N034W23H001S	SAHG	Monitoring	Continuous/Transducer	West San Antonio Basin	246	Paso Robles Formation	--	--	295.62	293.01	290.39	293.52	294.06	293.78	290.91	--	287.46	287.57	287.93	292.02	291.52	
008N033W22G001S	SALS	Monitoring	Continuous/Transducer	Central San Antonio Basin	390	Paso Robles Formation	397	--	429.97	430.62	429.43	432.38	433.09	431.30	429.63	428.87	427.85	427.28	426.91	430.85	429.76	
008N032W29L004S	SALA	Monitoring	Continuous/Transducer	Central San Antonio Basin	506	Paso Robles Formation	--	--	569.58	564.05	560.25	570.52	569.58	564.36	561.22	558.77	557.58	555.48	555.26	569.52	562.80	
008N033W19K002S	SACR 1	Monitoring	Continuous/Transducer	West San Antonio Basin	-327	Careaga Sand	291	--	313.92	308.08	313.14	313.14	312.65	307.76	311.84	314.28	311.46	308.27	312.99	314.60	311.61	
008N033W19K003S	SACR 2	Monitoring	Quarterly/Discrete	West San Antonio Basin	-177	Paso Robles Formation	--	--	284.44	282.43	288.72	289.74	286.15	277.14	288.71	289.36	283.67	282.51	288.90	288.58	279.52	
008N033W19K004S	SACR 3	Monitoring	Continuous/Transducer	West San Antonio Basin	13	Paso Robles Formation	233	--	251.40	244.46	261.86	265.98	257.97	243.90	261.95	264.29	258.21	239.71	251.42	262.75	257.67	
008N033W19K005S	SACR 4	Monitoring	Quarterly/Discrete	West San Antonio Basin	143	Paso Robles Formation	--	--	271.29	269.95	269.44	270.24	270.31	268.56	268.64	268.78	267.59	264.70	266.63	268.08	266.49	
008N033W19K006S	SACR 5	Monitoring	Quarterly/Discrete	West San Antonio Basin	252	Paso Robles Formation	--	--	273.33	270.90	269.62	269.08	269.50	268.18	266.63	266.77	266.11	264.61	264.54	266.47	265.46	
008N032W19M001S	SACC 1	Monitoring	Continuous/Transducer	Central San Antonio Basin	-394	Paso Robles Formation	348	--	361.00	352.08	362.32	370.23	360.32	352.39	361.09	359.03	346.92	340.10	360.04	359.39	346.86	
008N032W19M002S	SACC 2	Monitoring	Quarterly/Discrete	Central San Antonio Basin	-134	Paso Robles Formation	--	--	372.14	365.49	370.51	376.91	373.19	366.66	366.84	370.09	366.40	359.99	366.03	369.38	363.63	
008N032W19M003S	SACC 3	Monitoring	Quarterly/Discrete	Central San Antonio Basin	56	Paso Robles Formation	--	--	371.84	365.31	371.56	378.36	370.08	366.40	367.43	366.95	363.85	361.26	367.70	369.29	362.60	
008N032W19M004S	SACC 4	Monitoring	Continuous/Transducer	Central San Antonio Basin	261	Paso Robles Formation	--	--	410.47	407.54	408.12	411.38	410.53	408.23	407.57	408.65	407.26	405.06	407.12	408.85	405.99	
008N032W19M005S	SACC 5	Monitoring	Quarterly/Discrete	Central San Antonio Basin	466	Paso Robles Formation	--	--	479.14	479.58	480.26	480.42	481.00	481.13	481.24	481.54	481.50	481.28	481.23	481.19	481.27	
--	White Hawk 1	Irrigation	Continuous/Transducer	Central San Antonio Basin	241	Careaga Sand	--	--	678.40	677.78	679.07	679.55	680.04	679.58	680.27	680.99	680.76	680.13	680.52	681.36	681.96	
--	White Hawk 4a	Irrigation	Quarterly/Discrete	Central San Antonio Basin	--	Careaga Sand	--	--	--	--	--	--	687.39	687.69	689.05	689.69	689.01	687.60	688.83	689.70	689.85	
--	Mesa Vineyard	Irrigation	Quarterly/Discrete	Central San Antonio Basin	--	Careaga Sand	--	--	--	587.62	589.88	591.90	591.29	590.56	588.59	590.14	590.51	591.11	591.36	592.21	592.95	Oil observed when retrieving water level sounder
008N033W02N001S	2N1	Irrigation	Quarterly/Discrete	Central San Antonio Basin	-153	Careaga Sand	--	--	603.02	599.19	602.92	605.05	--	--	--	--	--	--	--	--	--	Sounder became stuck at approximately 38 feet below the reference point. A water level was not measured.
008N033W02R001S	2R1	Domestic	Quarterly/Discrete	Central San Antonio Basin	406	Careaga Sand	--	--	656.79	656.46	656.38	655.92	654.34	655.15	655.48	655.90	655.06	655.40	655.44	654.99	--	Pumping water level measurement
--	Well 4	Irrigation	Quarterly/Discrete	Central San Antonio Basin	-283	Careaga Sand	--	--	--	--	596.57	596.78	597.06	--	--	594.91	595.33	595.87	596.01	595.29	592.25	Potential minor drawdown caused by nearby pumping well
008N033W10	4-Deer Field	Irrigation	Quarterly/Discrete	Central San Antonio Basin	149	Careaga Sand	--	--	613.33	610.47	611.38	614.11	613.84	605.45	611.42	612.40	611.24	608.30	611.55	613.31	--	Pumping water level measurement
008N033W03L001S	4-Deer Highway	Irrigation	Continuous/Transducer	Central San Antonio Basin	340	Careaga Sand	--	--	592.30	591.52	592.68	595.29	594.24	591.53	592.91	594.51	591.91	591.81	594.06	596.02	595.09	
--	Schaff Well	Monitoring	Continuous/Transducer	Central San Antonio Basin	-71	Careaga Sand	--	--	381.21	380.53	380.35	380.38	380.10	379.50	379.24	378.98	378.69	370.00	378.45	378.17	377.71	
008N034W14L001S	14L1	Monitoring	Continuous/Transducer	West San Antonio Basin	-264	Careaga Sand	--	--	259.57	255.58	258.26	261.38	260.20	257.05	259.87	260.48	257.87	254.42	258.42	260.99	258.21	
008N034W17Q001S	17Q1	Monitoring	Quarterly/Discrete	West San Antonio Basin	222	Careaga Sand	--	--	261.28	260.20	259.79	262.04	261.80	260.68	260.20	260.43	260.20	265.78	259.29	260.77	259.99	
008N034W21A001S	21A1	Monitoring	Quarterly/Discrete	West San Antonio Basin	30	Careaga Sand	--	--	266.37	265.15	264.89	266.00	266.26	265.65	265.16	265.53	265.35	264.75	264.73	265.73	265.02	
008N034W17K002S	17K2	Monitoring	Quarterly/Discrete	West San Antonio Basin	200	Careaga Sand	--	--	257.00	256.99	256.99	256.97	--	257.05	257.04	256.99	256.99	256.92	256.83	256.82	--	Vegetation growth obstructing well access route. A water level was not measured.
008N034W17E001S	17E1	Monitoring	Continuous/Transducer	West San Antonio Basin	154	Careaga Sand	--	--	227.66	226.84	226.43	227.68	228.30	227.14	226.71	226.65	226.15	225.72	225.78	226.66	226.05	
008N034W16C002S	16C2	Monitoring	Continuous/Transducer	West San Antonio Basin	160	Careaga Sand	--	--	247.96	238.73	245.72	248.46	249.14	248.83	246.71	249.33	246.70	249.30	247.87	250.03	248.75	
008N034W16C004S	16C4	Monitoring	Continuous/Transducer	West San Antonio Basin	-231	Careaga Sand	--	--	255.20	251.96	256.29	258.20	258.56	258.17	257.32	257.17	255.75	258.13	257.84	259.24	258.76	
008N034W17H001S	17H1	Monitoring	Quarterly/Discrete	West San Antonio Basin	199	Careaga Sand	--	--	250.66	248.95	248.17	251.41	250.27	249.01	247.99	248.02	247.68	246.81	246.62	247.56	247.09	
008N034W16F001S	16F1	Monitoring	Quarterly/Discrete	West San Antonio Basin	219	Careaga Sand	--	--	242.02	237.30	239.08	242.44	244.00	244.56	241.61	245.33	245.97	245.73	244.25	246.80	247.17	
008N034W16G003S	16G3	Monitoring	Continuous/Transducer	West San Antonio Basin	239	Careaga Sand	226	244	245.01	245.08	244.83	244.78	244.94	245.12	245.20	245.31	245.52	245.66	245.65	245.71	245.79	
008N033W13C001S	13C1	Irrigation	Continuous/Transducer	Central San Antonio Basin	-293	Careaga Sand	565	597	589.35	591.37	591.81	592.36	592.76	592.17	592.00	592.65	--	--	--	592.69	593.63	
008N033W07	Stephen's Well	Irrigation	Quarterly/Discrete	West San Antonio Basin	83	Careaga Sand	--	--	331.82	292.55	294.86	330.67	330.67	324.89	--	330.67	--	324.89	324.89	--	324.89	
008N033W22K003S	22K3	Irrigation	Continuous/Transducer	Central San Antonio Basin	203	Paso Robles Formation	344	370	373.68	370.74	373.88	374.42	376.43	377.51	379.46	382.09	373.54	--	376.86	382.02	382.92	
008N033W13Q001S	13Q1	Irrigation	Quarterly/Discrete	Central San Antonio Basin	367	Paso Robles Formation	--	--	--	--	--	546.61	551.19	549.50	550.79	551.02	551.23	550.12	551.82	554.90	555.90	Oil observed when retrieving water level sounder
--	Char 1	Irrigation	Quarterly/Discrete	Central San Antonio Basin	428	Careaga Sand	--	--	--	--	--	--	--	--	658.97	661.28	660.12	656.64	--	--	658.97	
008N032W30D001S	30D1	Monitoring	--	Central San Antonio Basin	-355	Paso Robles Formation	345	388	--	--	--	--	--	--	--	--	--	--	--	--	--	
008N032W25D001S	25D1	Irrigation	--	East San Antonio Basin	65	Careaga Sand	634	661	--	--	--	--	--	--	--	--	--	--	--	--	--	
008N031W22J001S	22J1	Unknown	--	East San Antonio Basin	--	Careaga Sand	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
008N031W22N001S	22N1	Unknown	--	East San Antonio Basin	1,026	Paso Robles Formation	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
008N031W22M001S	22M1	Unknown	--	East San Antonio Basin	--	Careaga Sand	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
008N034W24E001S	24E1	Monitoring	--	West San Antonio Basin	--	Careaga Sand	220	257	--	--	--	--	--	--	--	--	--	--	--	--	--	
008N033W20Q002S	20Q2	Irrigation	--	West San Antonio Basin	--	Paso Robles Formation	298	335	--	--	--	--	--	--	--	--	--	--	--	--	--	
--	VERNAS 1	Unknown	--	Central San Antonio Basin	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
--	VERNAS 2	Unknown	--	Central San Antonio Basin	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
--	HWY 101 CATTLE	Unknown	--	East San Antonio Basin	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
008N032W27P003S	GUZMAN 2	Unknown	--	East San Antonio Basin	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
008N032W30E005S	30E5	Unknown	--	Central San Antonio Basin	-458	Paso Robles Formation	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
008N033W25B005S	25B5	Unknown	--	Central San Antonio Basin	426	Paso Robles Formation	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
008N032W28P004S	28P4	Unknown	--	East San Antonio Basin	99	Paso Robles Formation	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
008N034W36R	Careaga Lease	Unknown	--	West San Antonio Basin	344	Careaga Sand	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
008N32W17N001S	White Hawk 4	Irrigation	Quarterly/Discrete	Central San Antonio Basin	-39	Careaga Sand	--	--	682.90	682.70	--	--	--	--	--	--	--	--	--	--	--	Well Destroyed December 2023
009N034W27L001S	27L1	Unknown	--	West San Antonio Basin	110	Careaga Sand	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Well Destroyed March 2021
008N034W02M001S	2M1	Irrigation	Quarterly/Discrete	West San Antonio Basin	-331	Paso Robles Formation	244	286	--	--	--	--	--	--	--	--	--	--	--	--	--	Monitoring discontinued due to risk of sounder becoming stuck
009N034W34P001S	34P1	Monitoring	Quarterly/Discrete	West San Antonio Basin	230	Careaga Sand	361	386	--	387	389	--	--	--	--	--	--	--	--	--	--	Obstruction or collapse at 72 feet below the reference point

Notes:	
	Bold
	Bold
	Bold

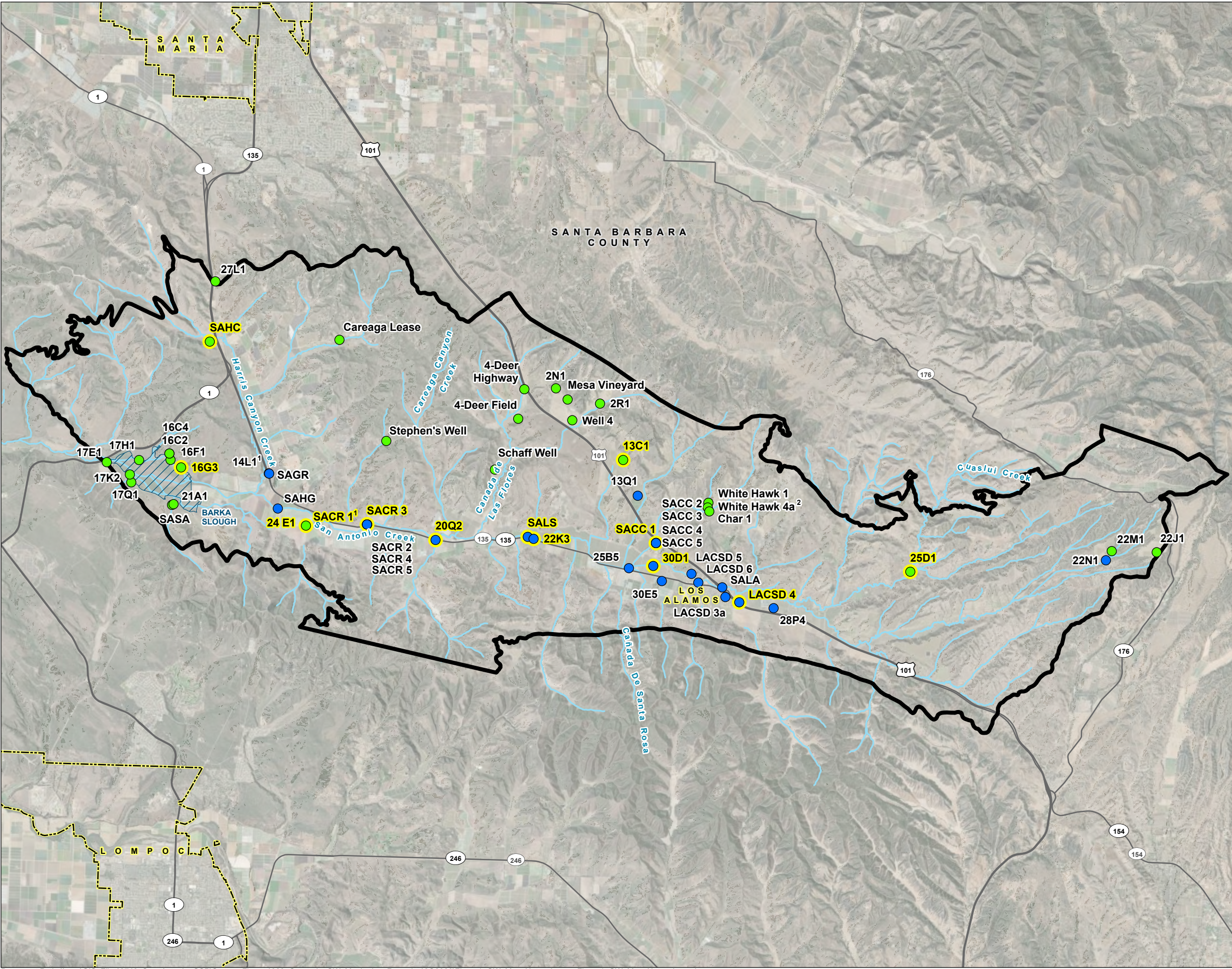


FIGURE 1
Wells Included in the
San Antonio Creek Valley
Groundwater Basin
Groundwater Level Monitoring
Network

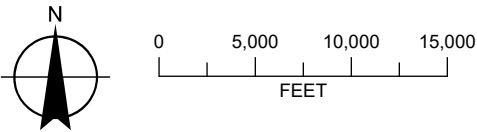
San Antonio Creek Valley
Groundwater Basin Quarterly
Groundwater Level Monitoring

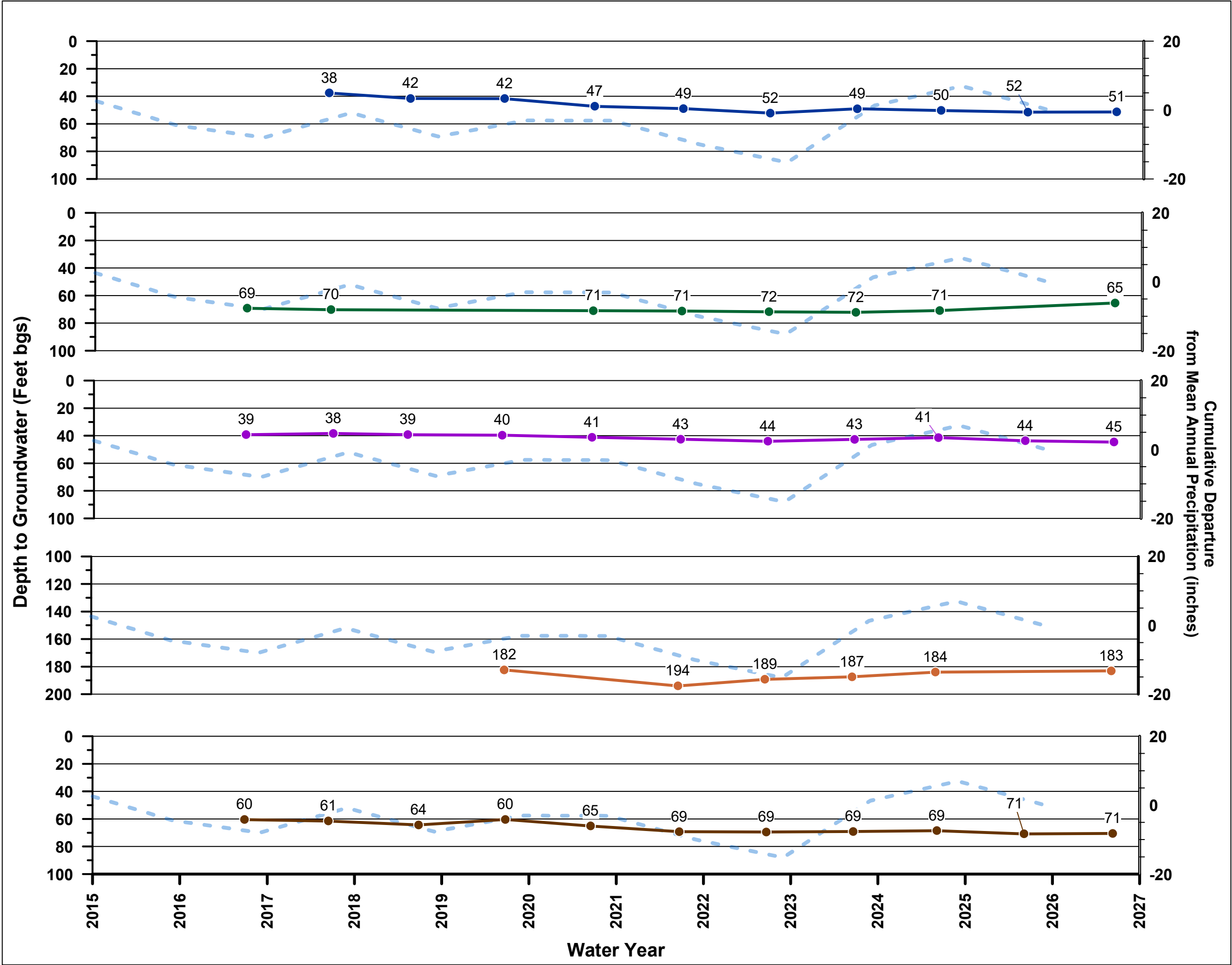
Second Quarter 2026

- LEGEND**
- Representative Well
 - All Other Features**
 - San Antonio Creek Valley Groundwater Basin
 - Barka Slough
 - City Boundary
 - Major Road
 - San Antonio Creek or Tributary
 - Wells (by screened aquifer)**
 - Screened Aquifer**
 - Paso Robles Formation
 - Careaga Sand

NOTES

1. SACR 1 and 14L1 are screened in the Careaga Sand.
2. White Hawk 4 was destroyed in December 2023.
Replacement well White Hawk 4a was constructed and completed in June 2024.





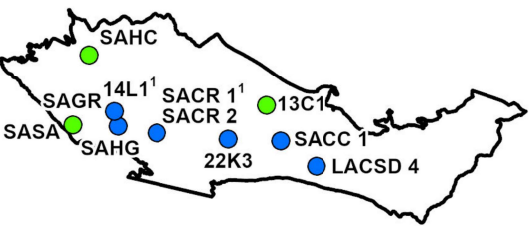
Select Careaga Sand Hydrographs
Second Quarter Groundwater Depths

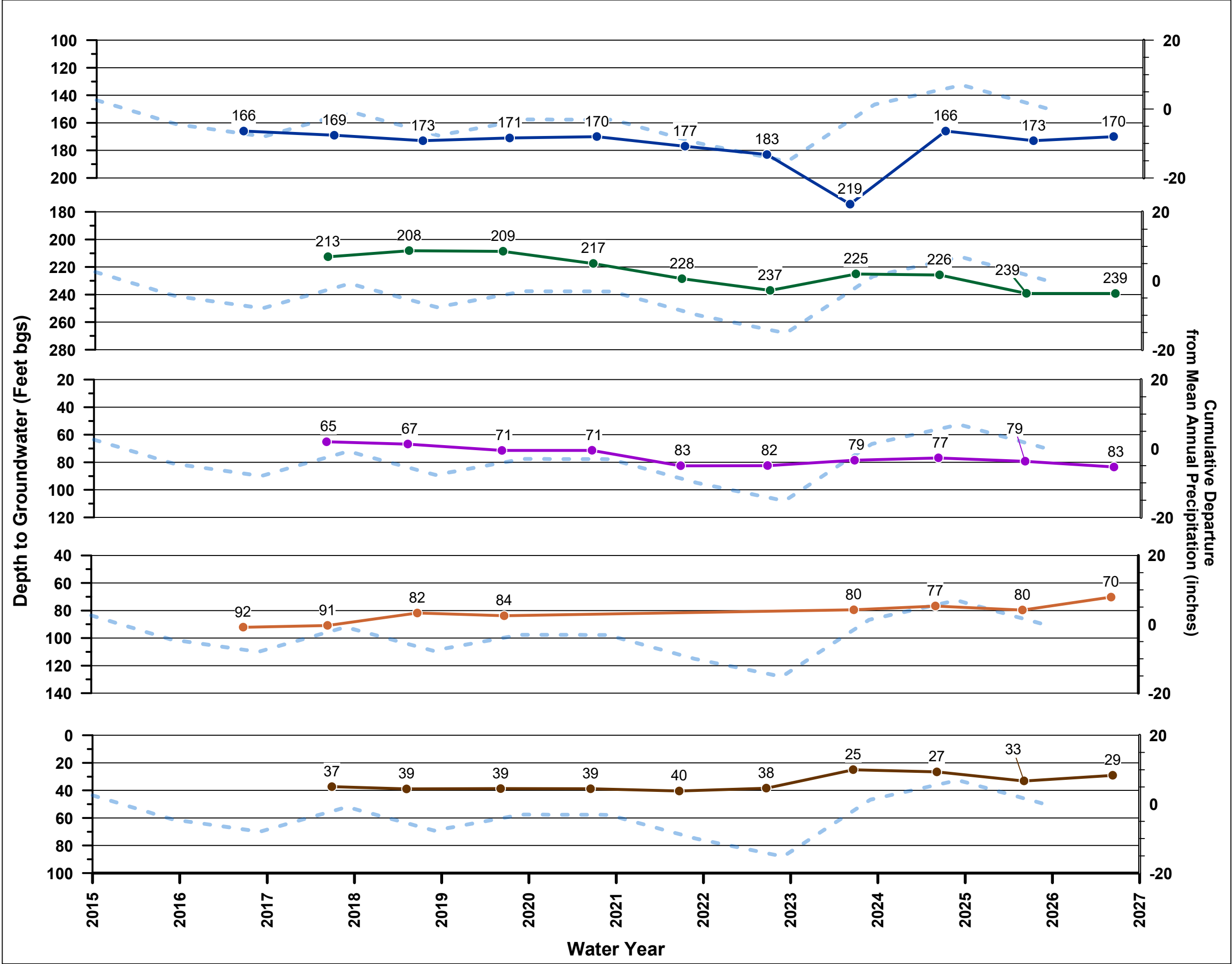
San Antonio Creek Valley
Groundwater Basin
Quarterly Groundwater Monitoring Report
Second Quarter 2026

- LEGEND**
- SACR1
 - SAHC
 - SASA
 - 13C1
 - 14L1
 - Cumulative Departure from Mean Annual Precipitation

NOTES

- SACR 1 and 14L1 are screened in the Careaga Sand.
- Feet bgs: feet below ground surface
- Cumulative Departure from Mean Annual Precipitation calculated using Los Alamos Fire Station data from Water Year 1910 - 2025.





**Select Paso Robles Formation
Hydrographs
Second Quarter Groundwater Depths**

San Antonio Creek Valley
Groundwater Basin
Quarterly Groundwater Monitoring Report
Second Quarter 2026

LEGEND

- LACSD 4
- SACC 1
- SACR 2
- 22K3
- SAHG
- Cumulative Departure from Mean Annual Precipitation

NOTES

1. SACR 1 and 14L1 are screened in the Careaga Sand.

2. Feet bgs: feet below ground surface

3. Cumulative Departure from Mean Annual Precipitation calculated using Los Alamos Fire Station data from Water Year 1910 - 2025.

