



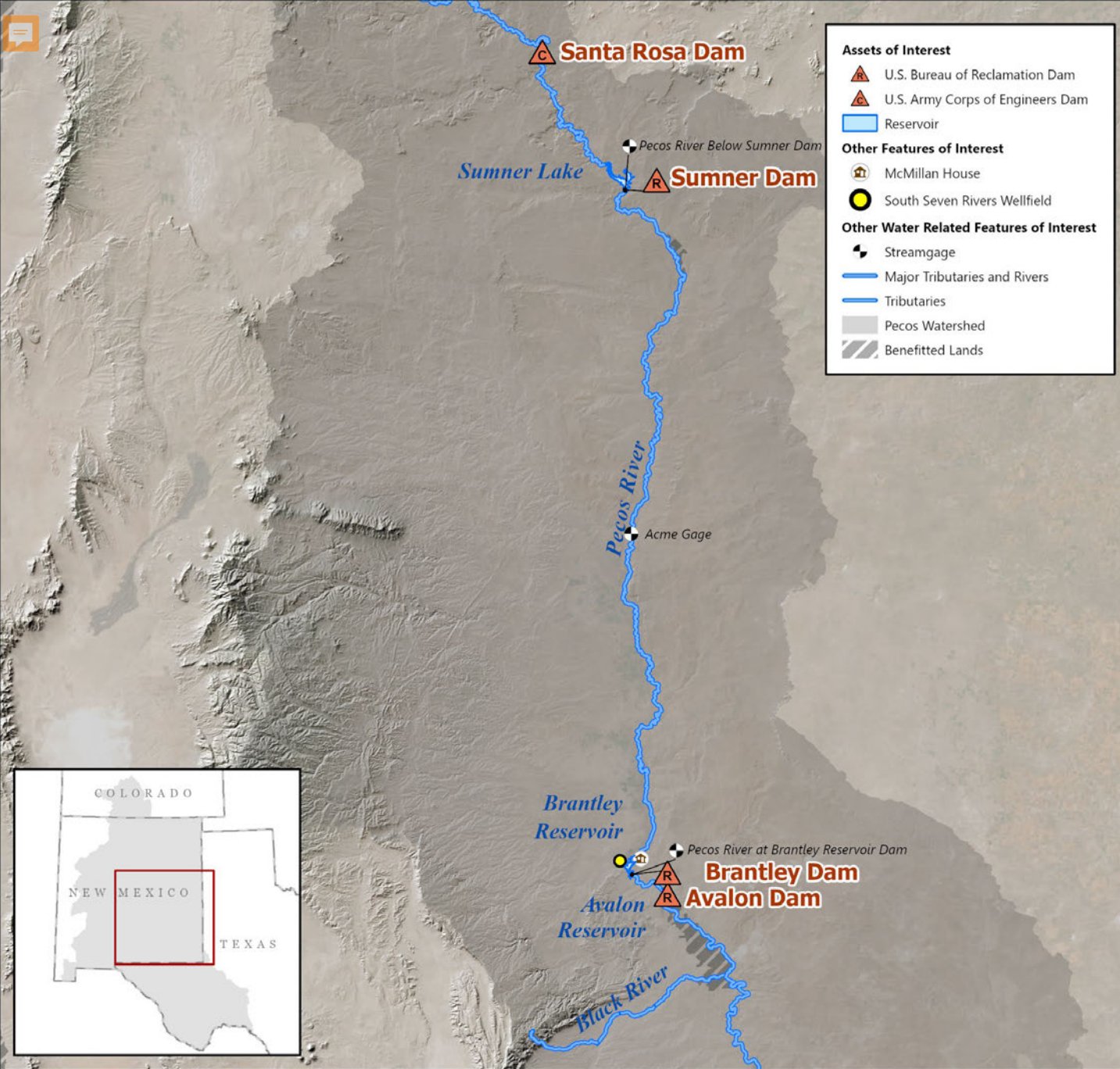
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US Army Corps
of Engineers®
Albuquerque District



Pecos River 2026 Annual Operating Plan

April 16, 2026



Pecos River Basin: Major Irrigation Facilities



Data Attribution: USCB, USGS, USDA and Esri Living Atlas















Hydrology Terms

- cfs: cubic feet per second (flowrate)
- ac-ft: acre-feet, the volume of water needed to cover one acre to depth of one foot
- Hydrograph: graph of flowrate over time
- Runoff forecast: predicted streamflow volumes for March through July provided by Natural Resources Conservation Service (NRCS)
- Exceedance: chance that actual volume will be greater than (or exceed) predicted volume



Dam Information

Dam	Agency Owner/Operator		Authorized Purposes		
	Reclamation	USACE	Water Supply	Recreation	Flood Control
Santa Rosa					<input checked="" type="checkbox"/>
Sumner					<input checked="" type="checkbox"/>
Two Rivers					<input checked="" type="checkbox"/>
Brantley					<input checked="" type="checkbox"/>
Avalon					



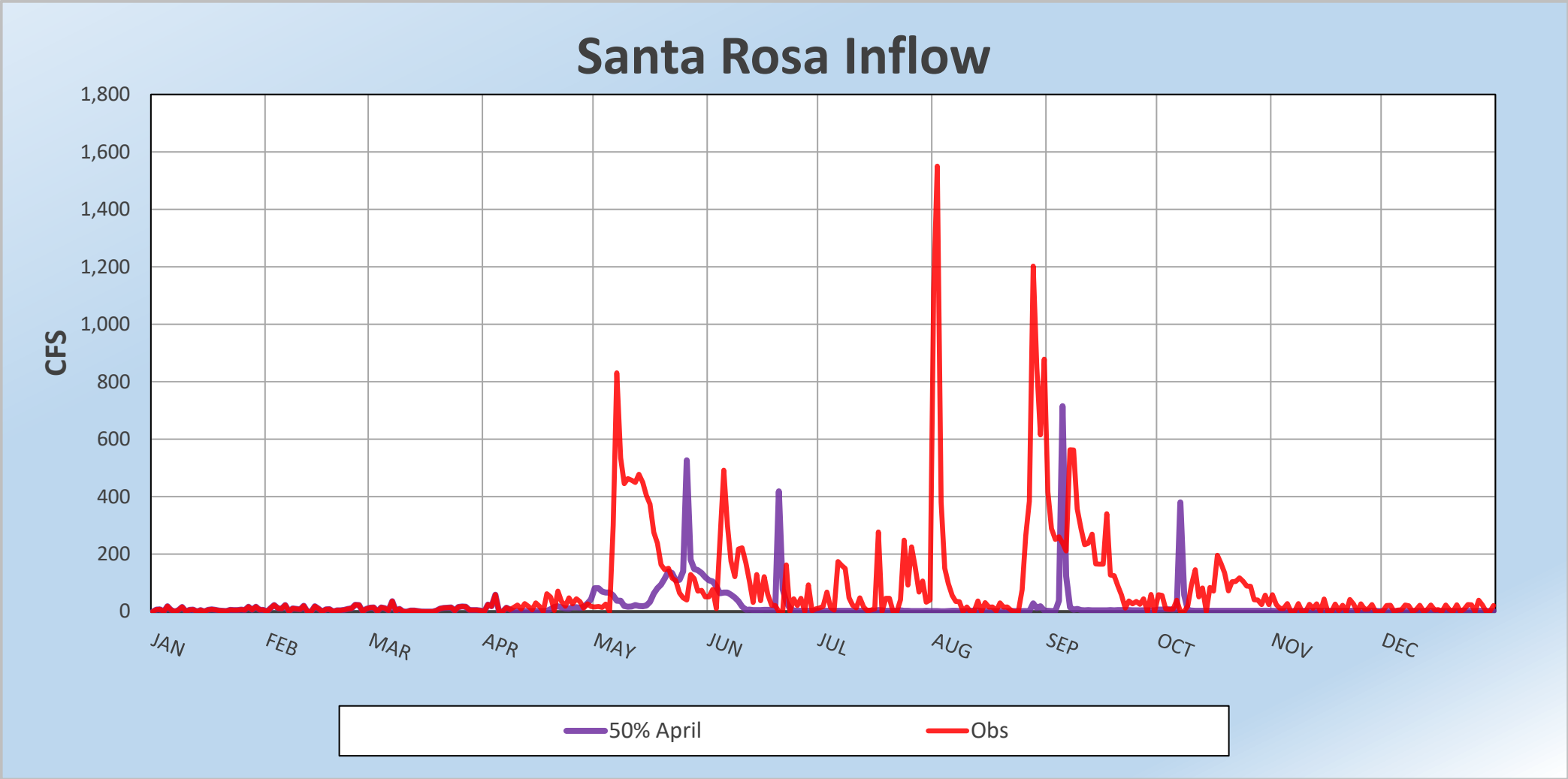
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2025 Comparison

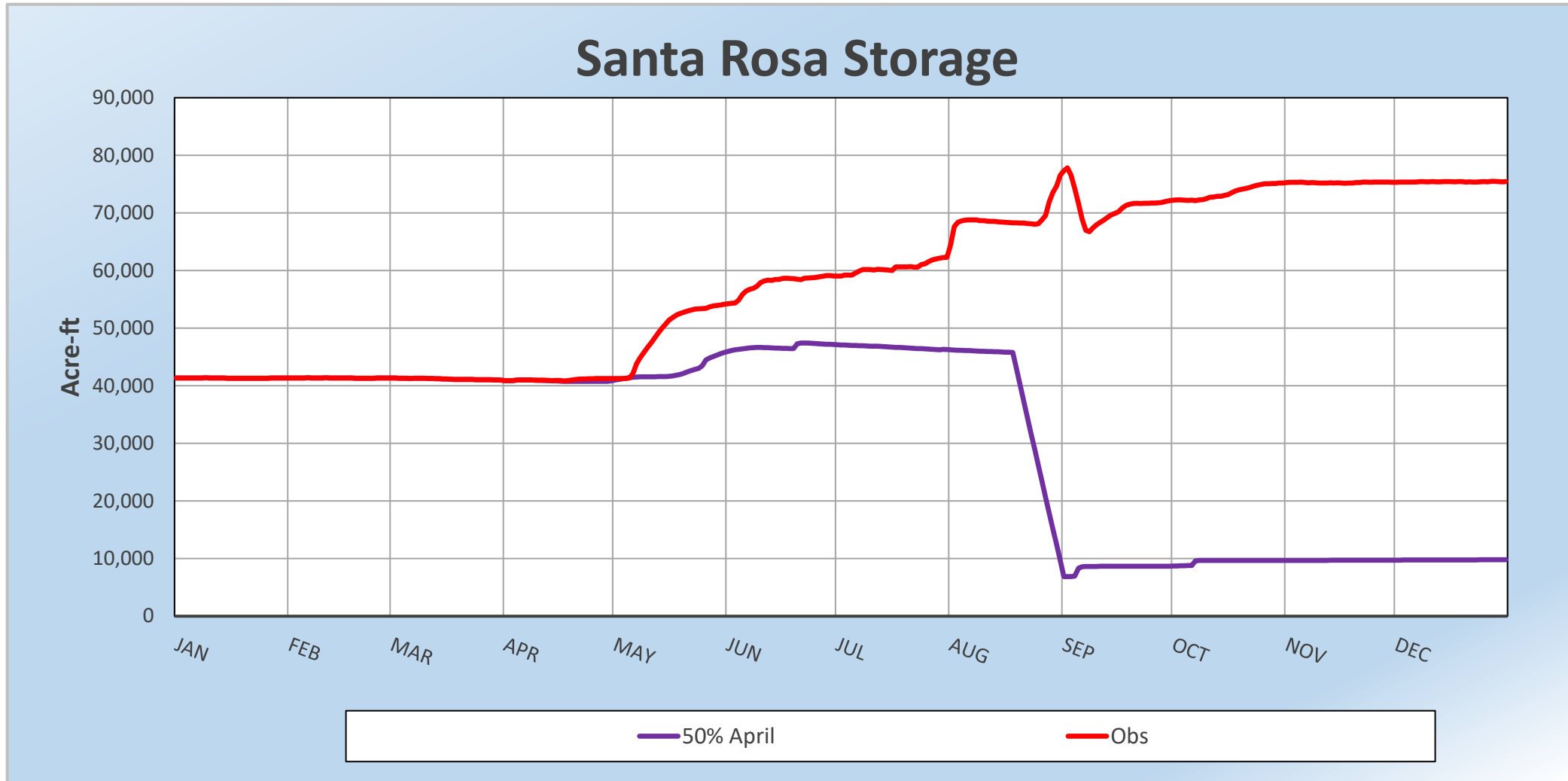
How did last year's Annual Operating Plan compare to what actually happened?



2025 Santa Rosa Inflow Comparison

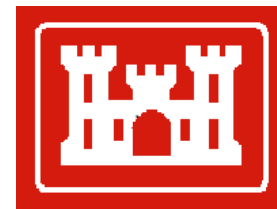
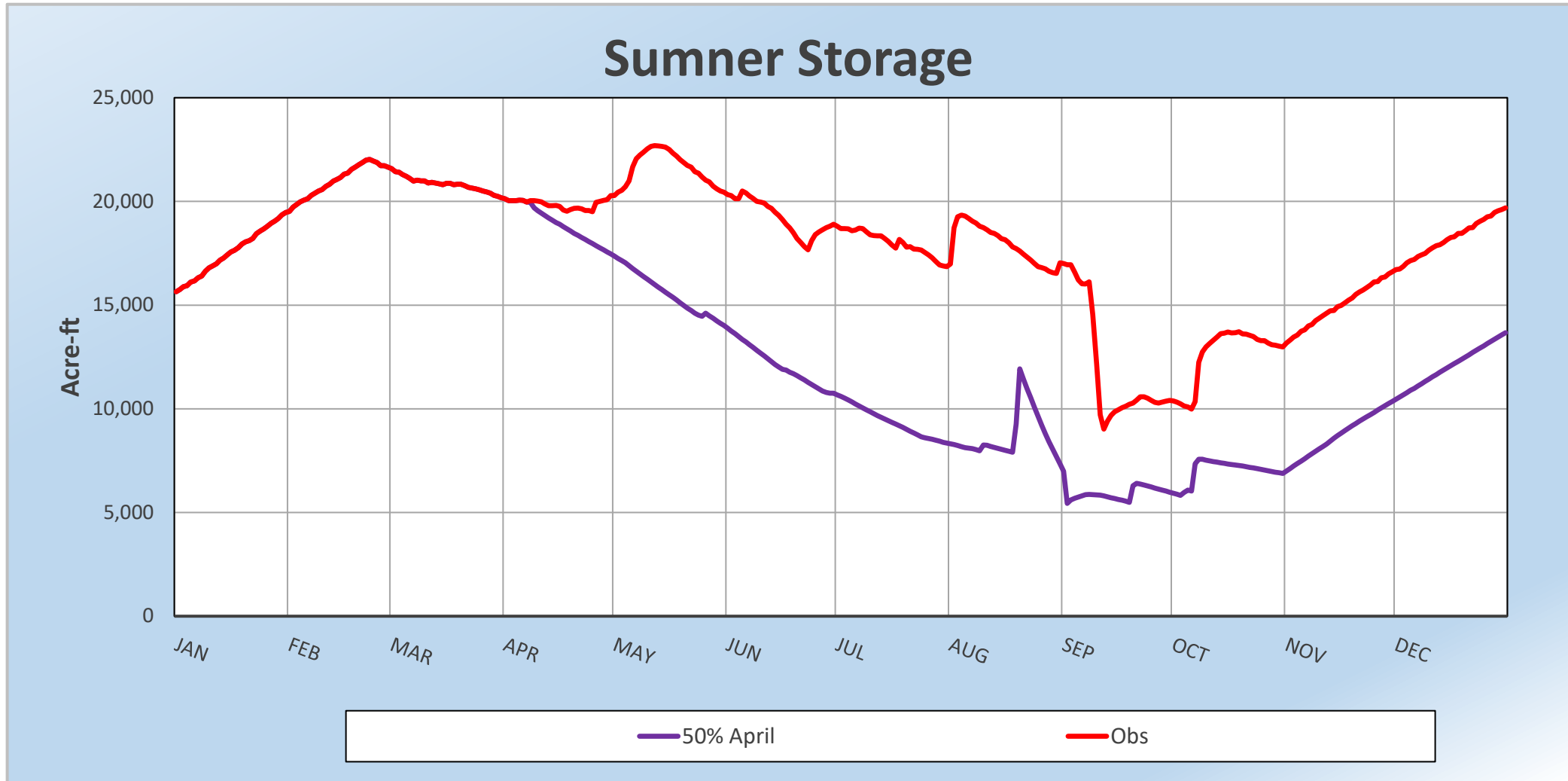


2025 Santa Rosa Storage Comparison

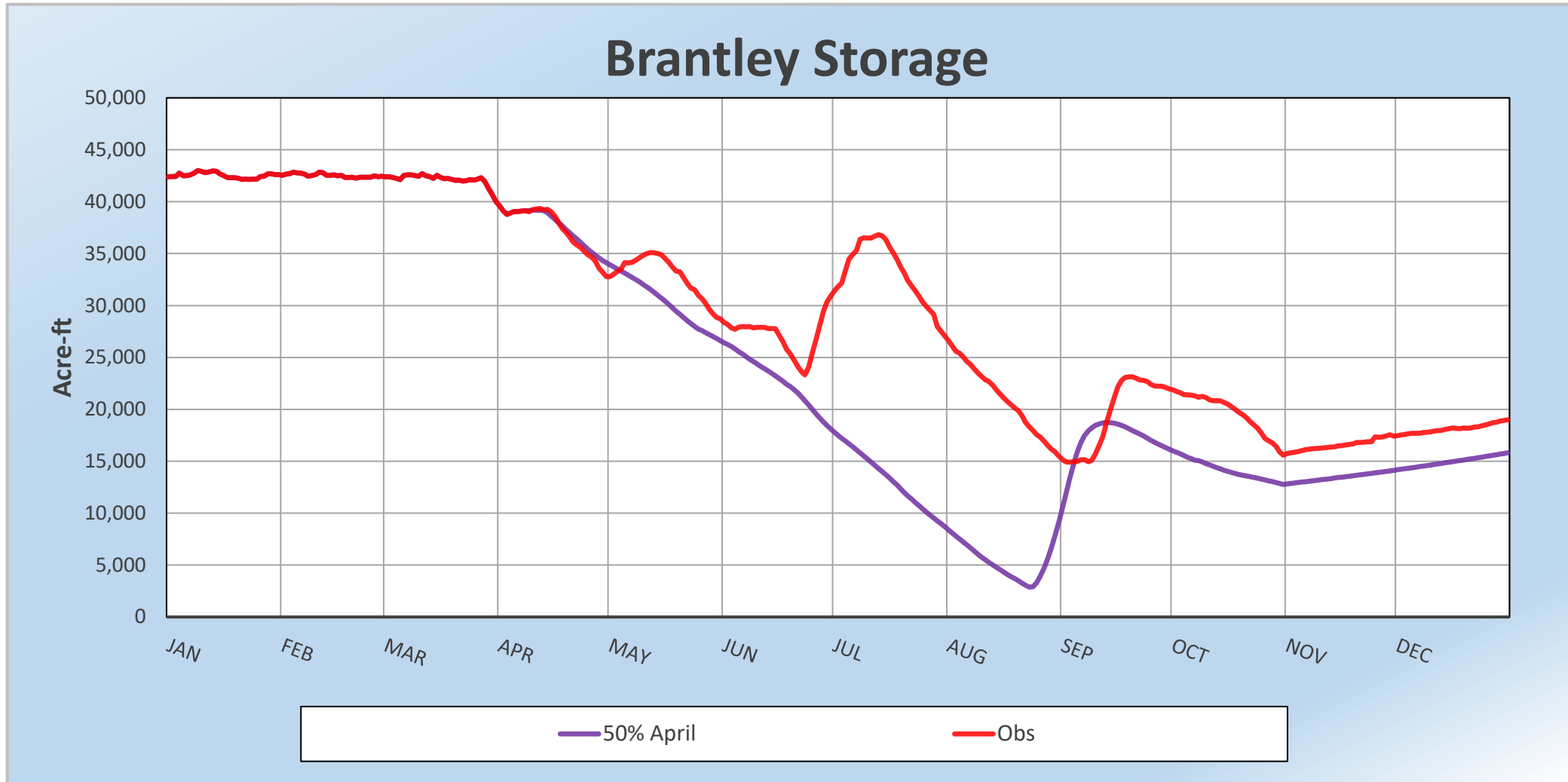




2025 Sumner Storage Comparison



2025 Brantley Storage Comparison



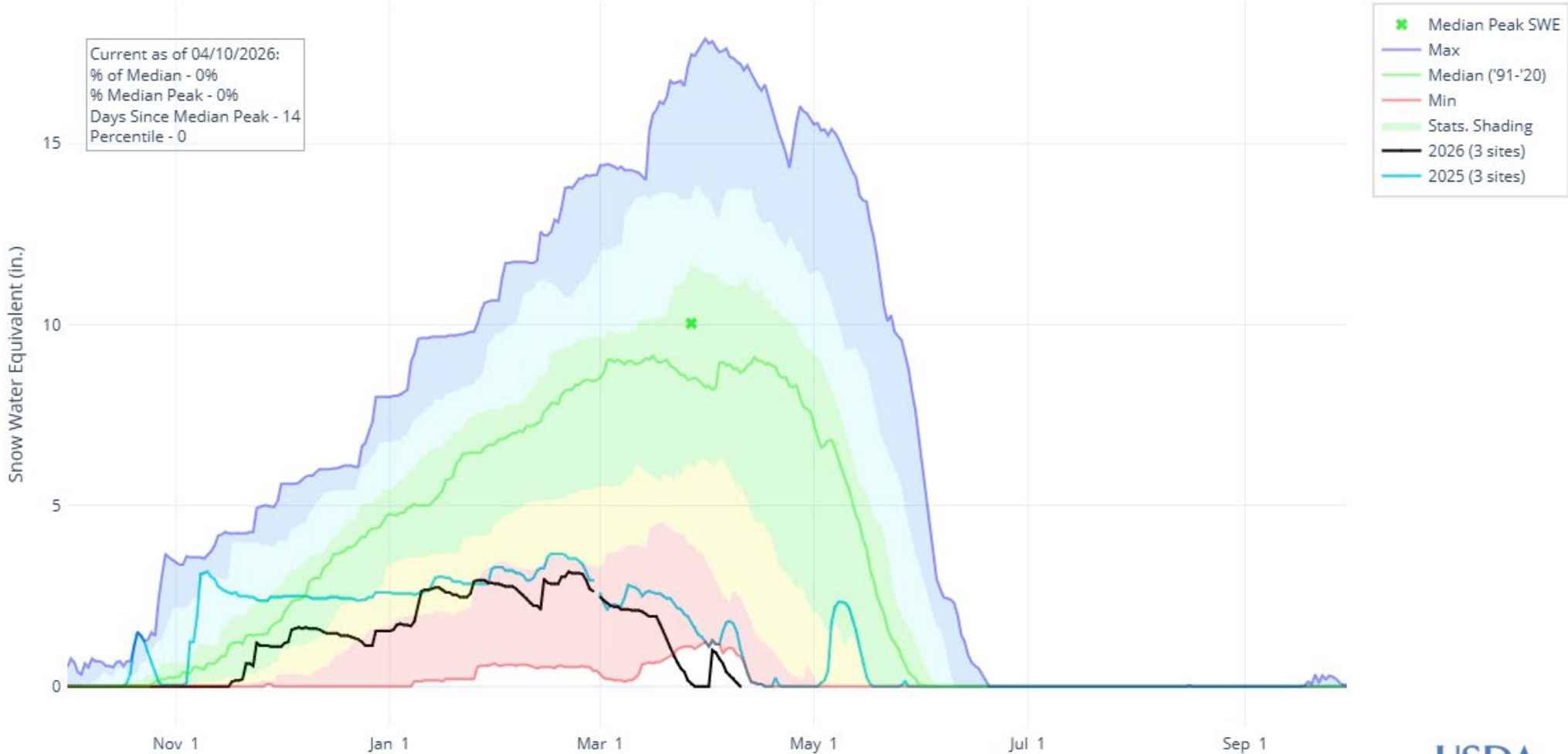


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2026 Annual Operating Plan

2026 Snowpack

SNOW WATER EQUIVALENT IN PECOS HEADWATERS



Pecos River Basin April Streamflow Forecasts

Forecast Point	period	10% (KAF)	30% (KAF)	50% (KAF)	% of Med	70% (KAF)	90% (KAF)	30-yr med
Pecos R nr Pecos	Mar - Jul	25	15.2	8.6	18%	4.8	2.5	49
Pecos R nr Anton Chico	Mar - Jul	28	13.8	3.8	9%	-6.2	-21	44
Gallinas Ck nr Montezuma	Mar - Jul	5.2	2.6	0.73	11%	0.5	0.25	8
Pecos R ab Santa Rosa Lk	Mar - Jul	27	13.1	3.7	11%	3	1.5	41

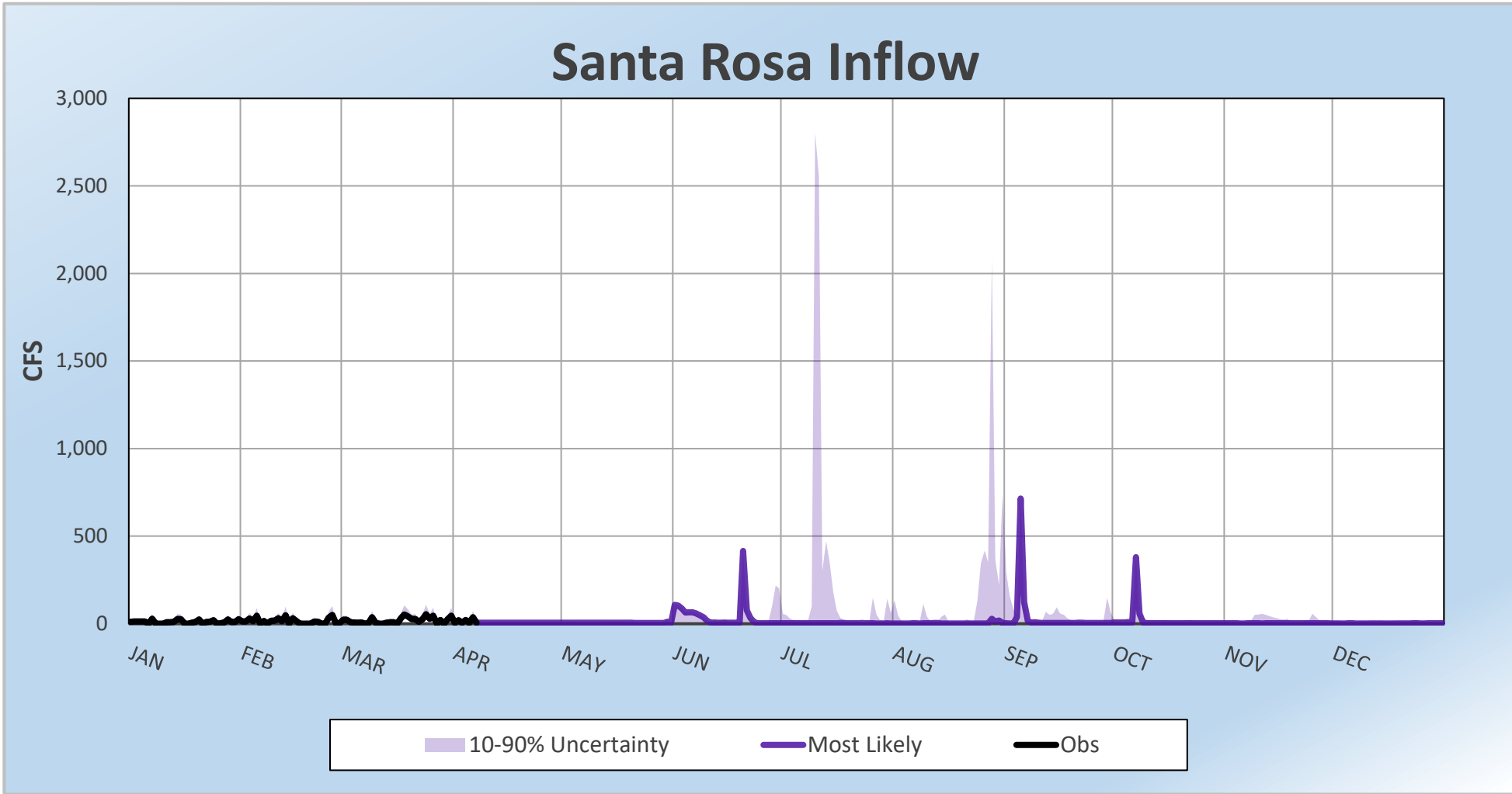


Planning Model Input

- Assumed no snowmelt runoff reaching Santa Rosa
- Observed USGS streamflow data from January 1 through April 7
- 3 Scenarios with low (90%), average (most likely), and high (10%) precipitation events for the remainder of the year.
- Carlsbad Irrigation District's initial allocation of 2.5 ft



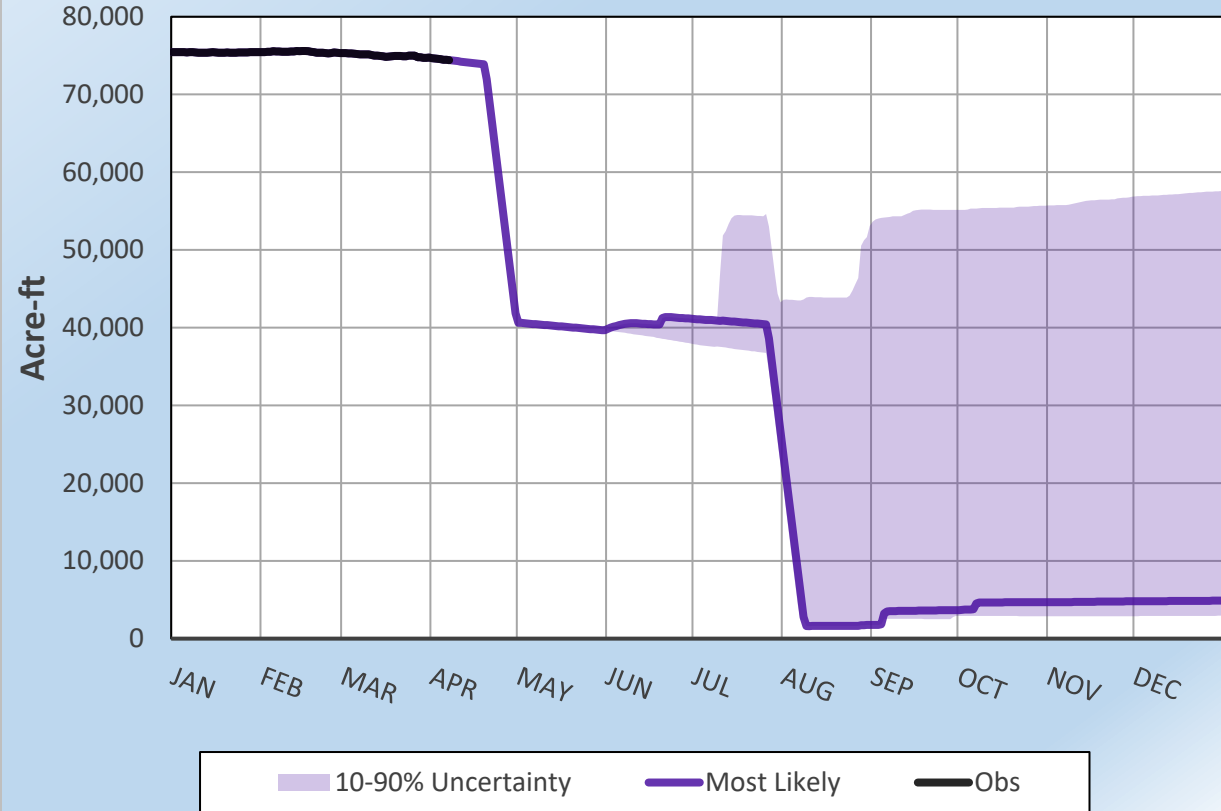
2026 Santa Rosa Inflow



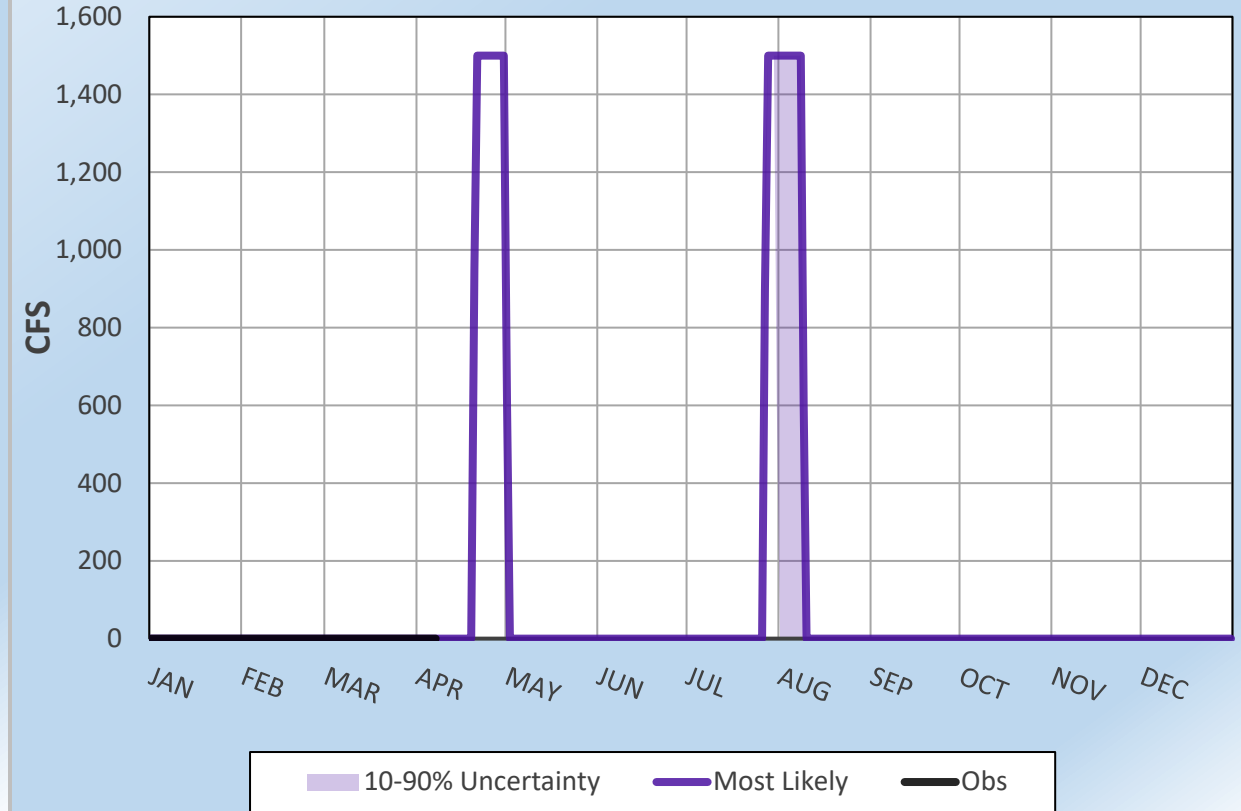
2026 Santa Rosa Operations



Santa Rosa Storage



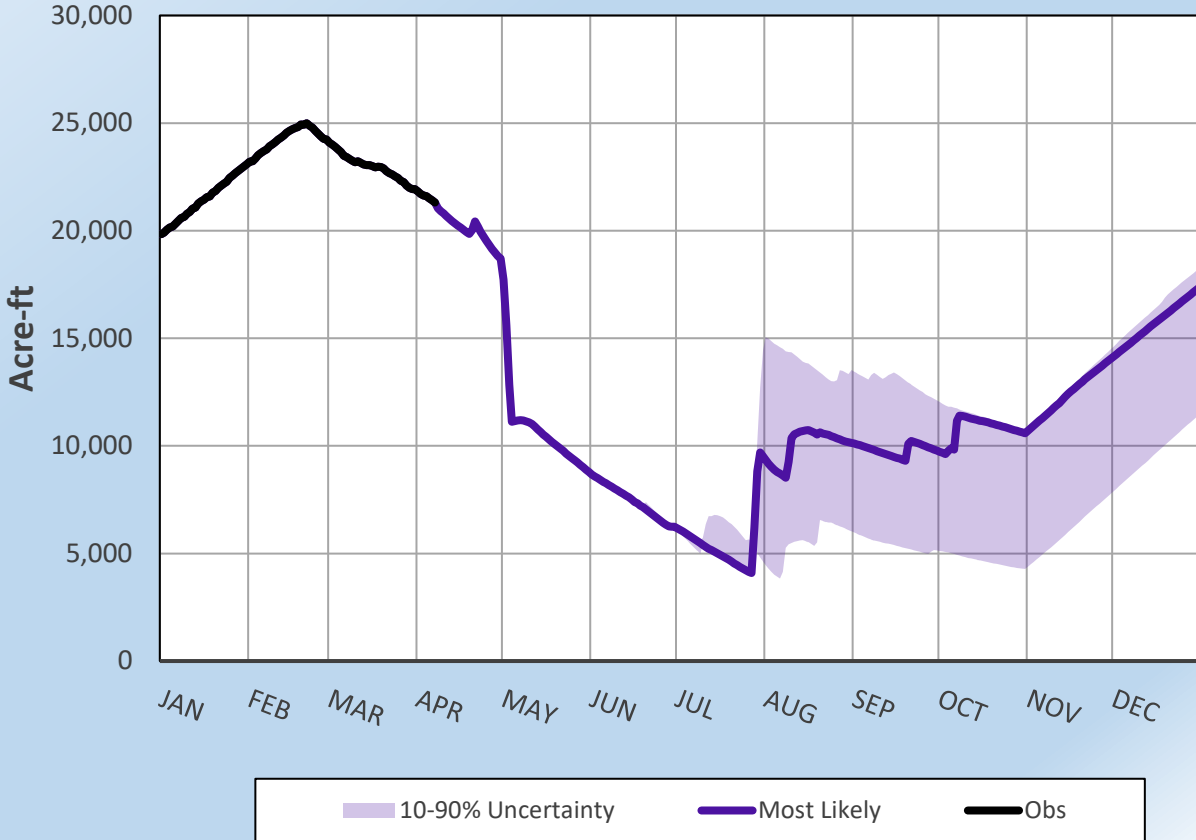
Santa Rosa Outflow



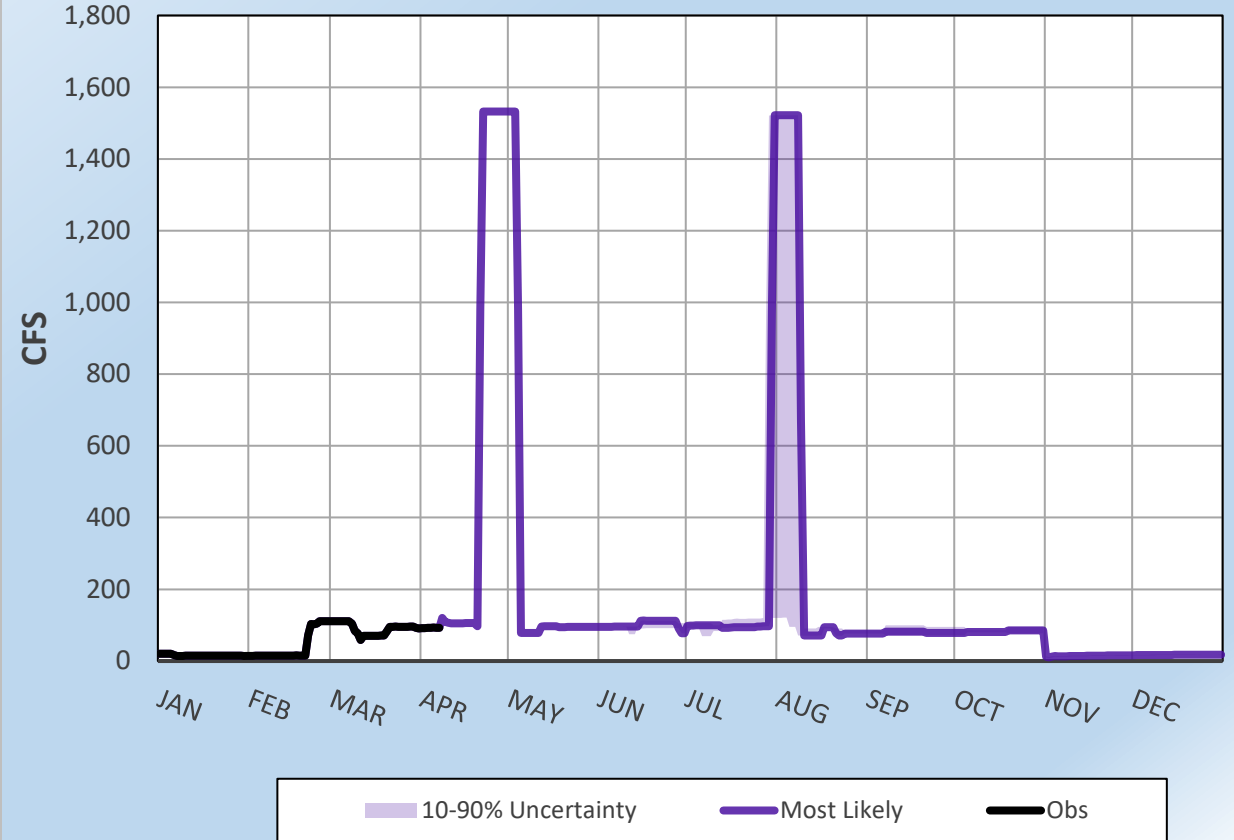
2026 Sumner Operations



Sumner Storage



Sumner Outflow



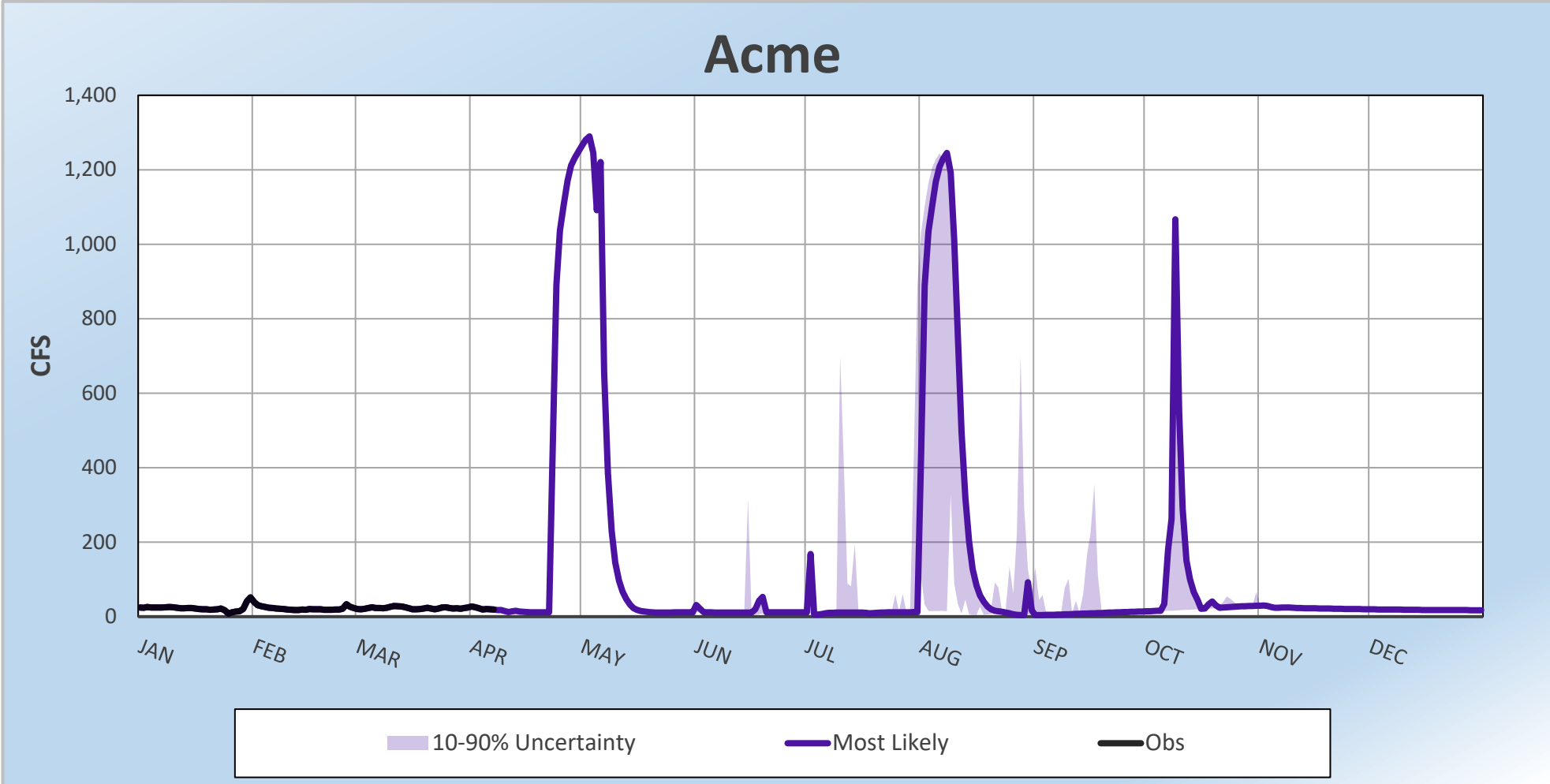
2026 Supplemental Water Use Plan

- Expect *Critically Dry* conditions under the Biological Opinion
- Target flows greater than 5 cfs at Acme above Roswell (i.e., continuous river)
- Supplemental water supply
 - Sumner storage: ~6,300 ac-ft
 - Bypass availability: likely little to none depending on storm activity
 - Vaughan Conservation Pipeline: 3,974 ac-ft





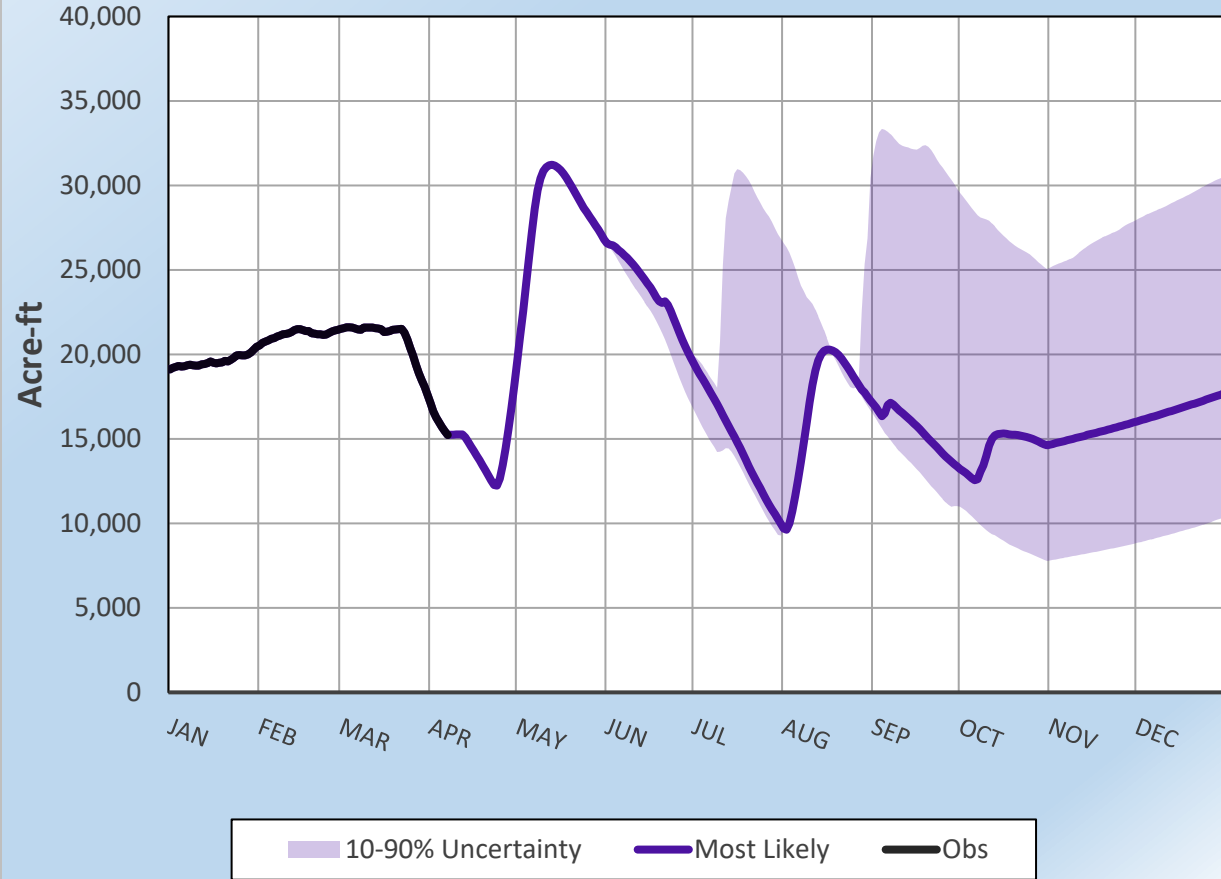
2026 Pecos River near Acme Flow



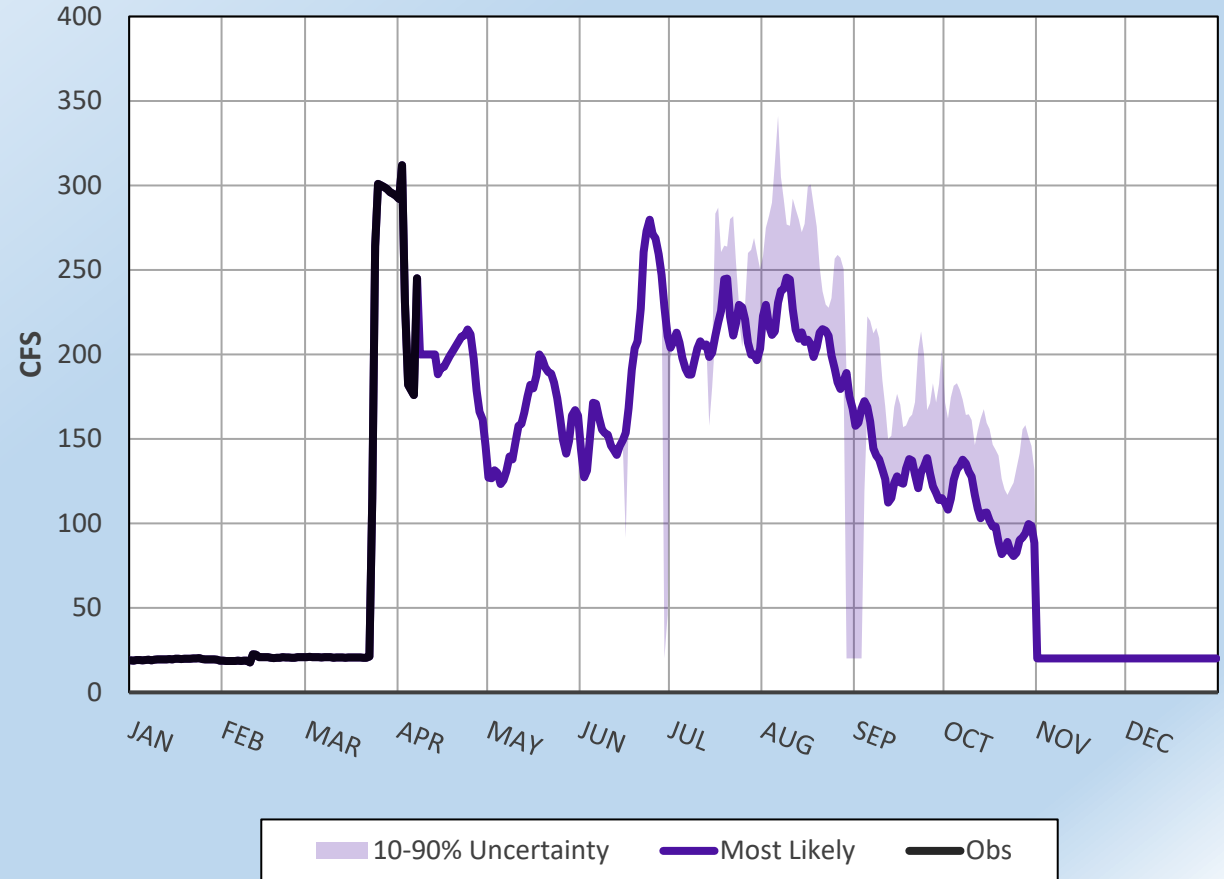
2026 Brantley Operations



Brantley Storage



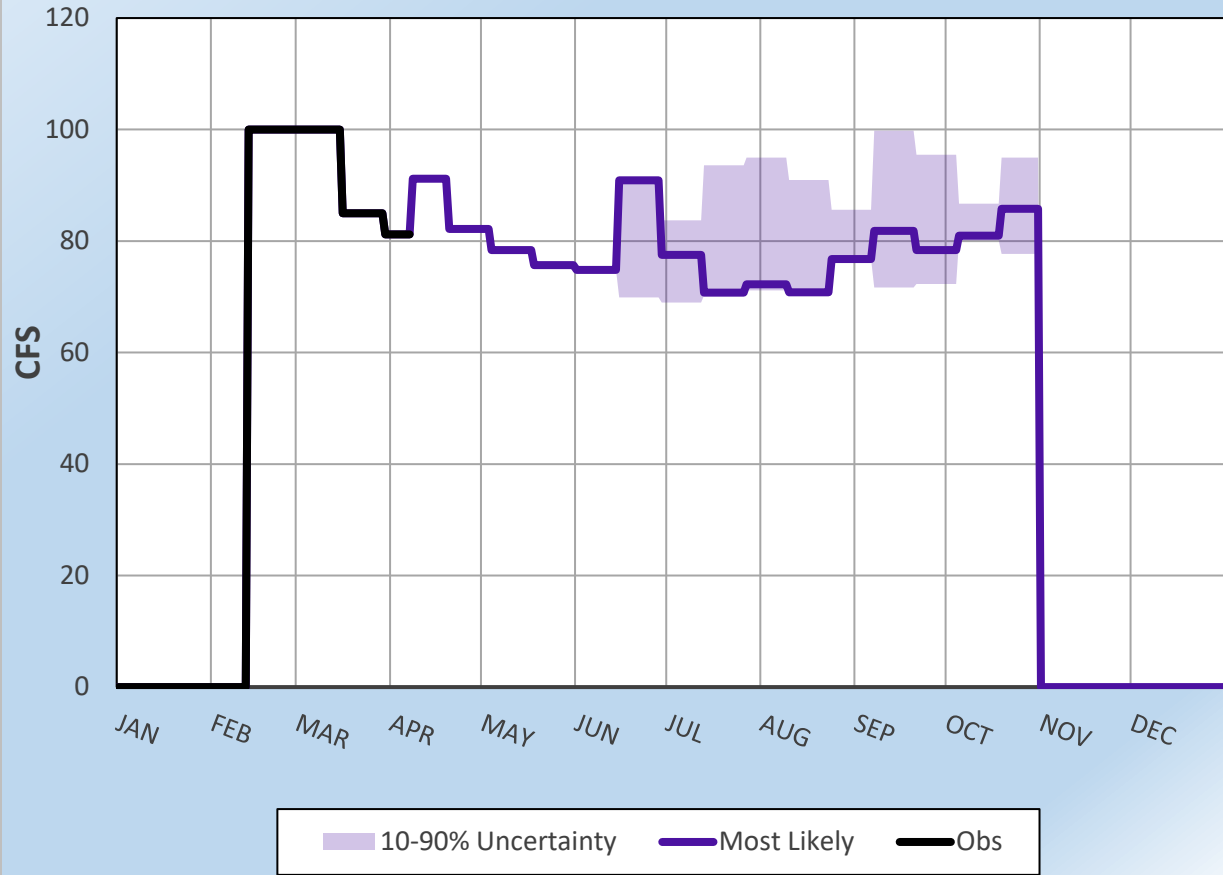
Brantley Outflow



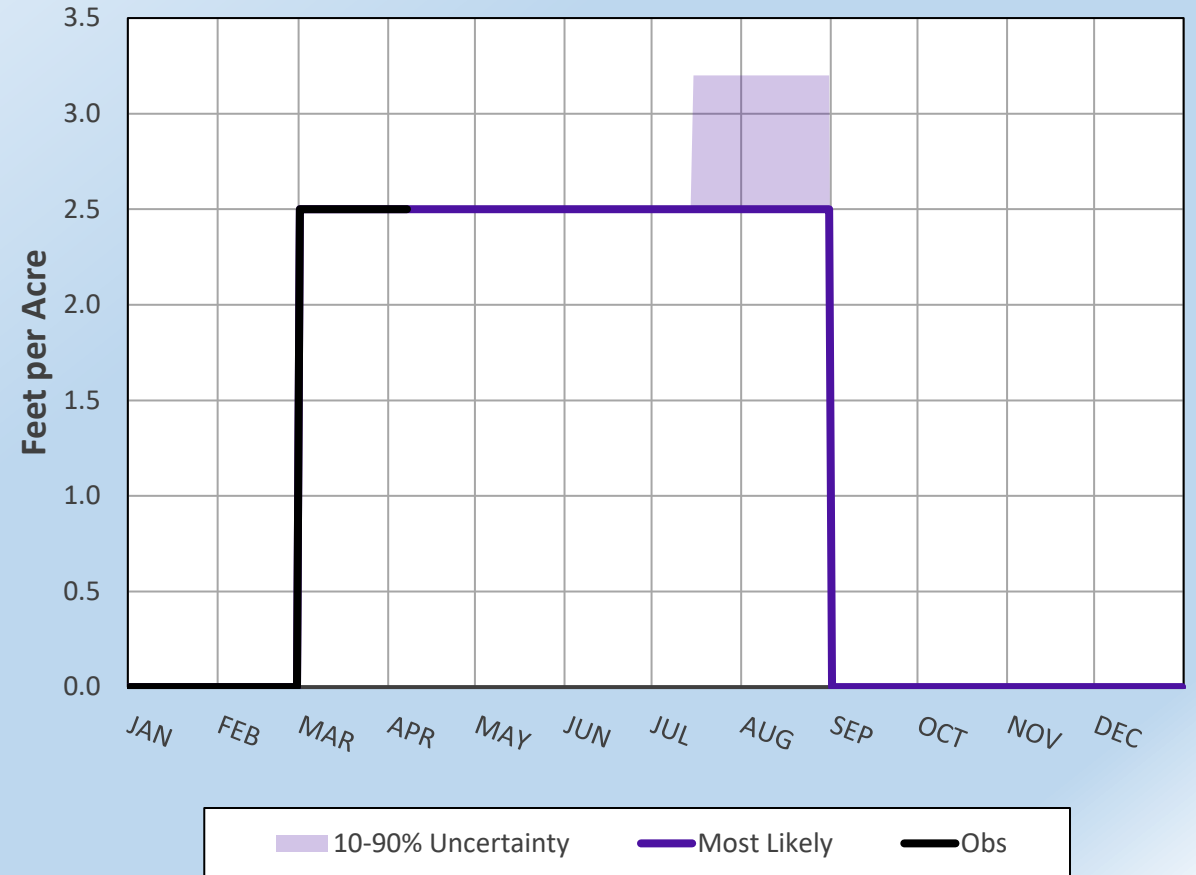
2026 Irrigation Supply



FSID Entitlement



CID Allotment



Contact Information:

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