



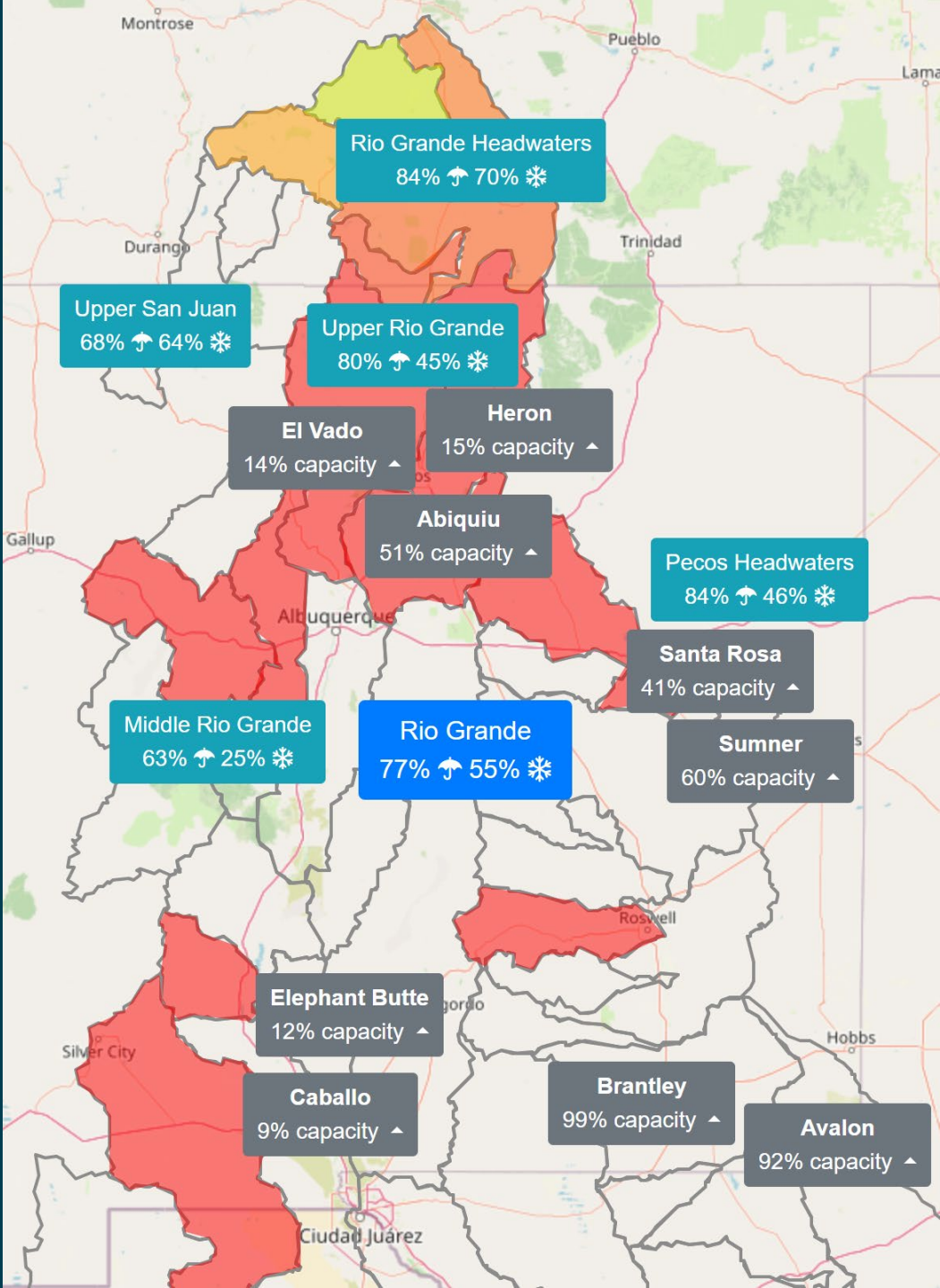
— BUREAU OF —
RECLAMATION

February 2025 Projected Water Operations

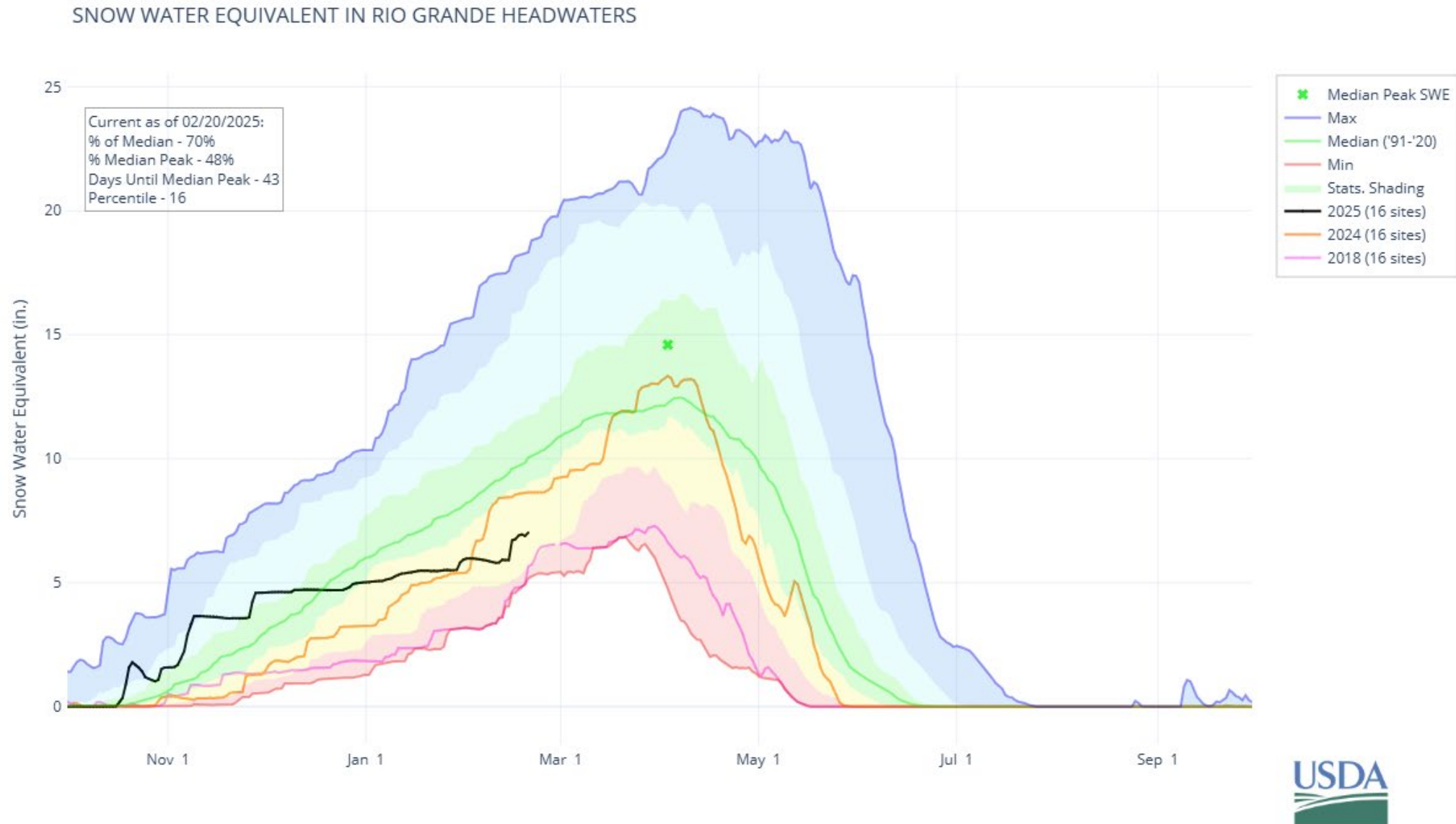
Minnow Action Team meeting

February 21, 2025

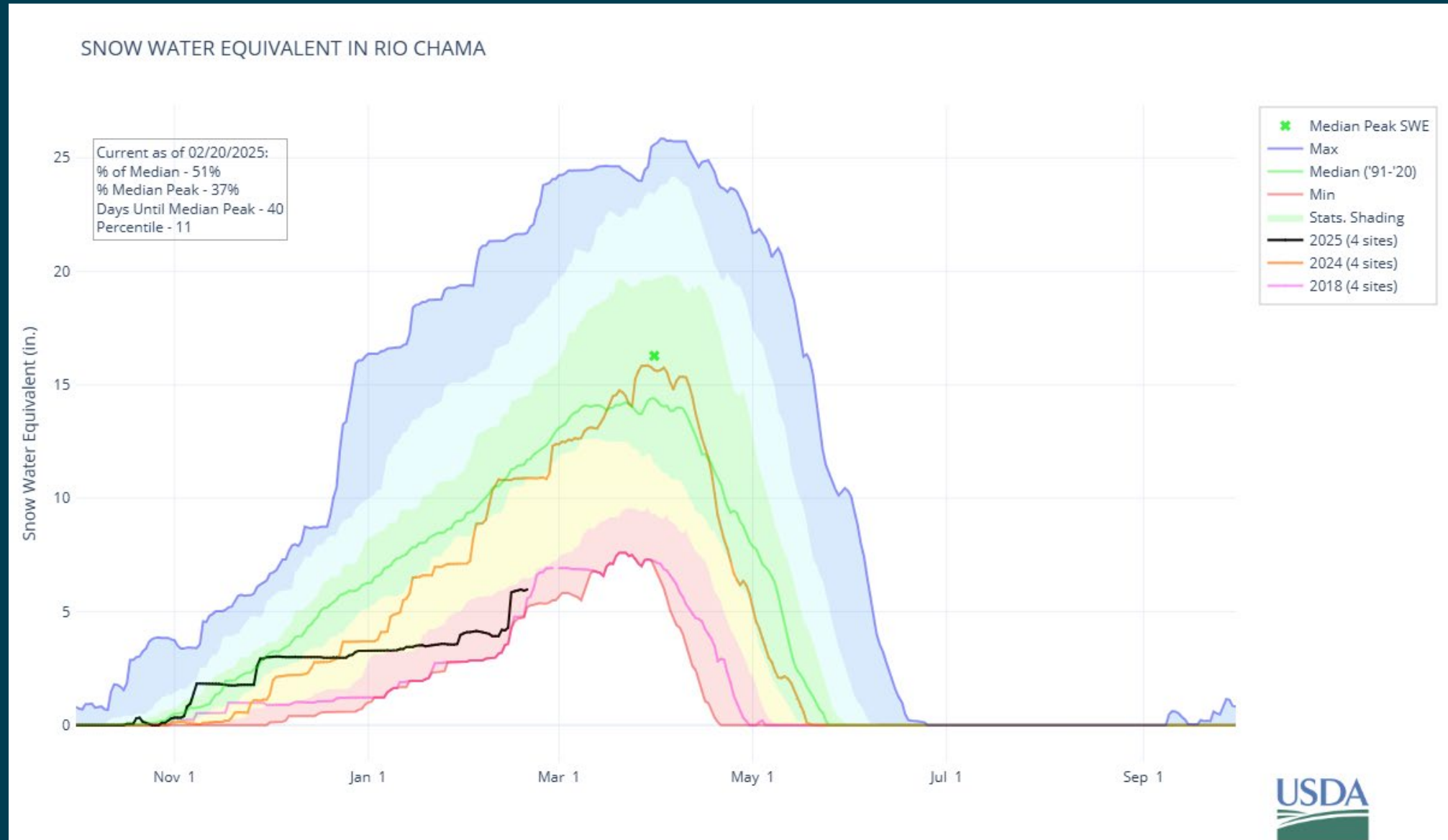
Current Conditions



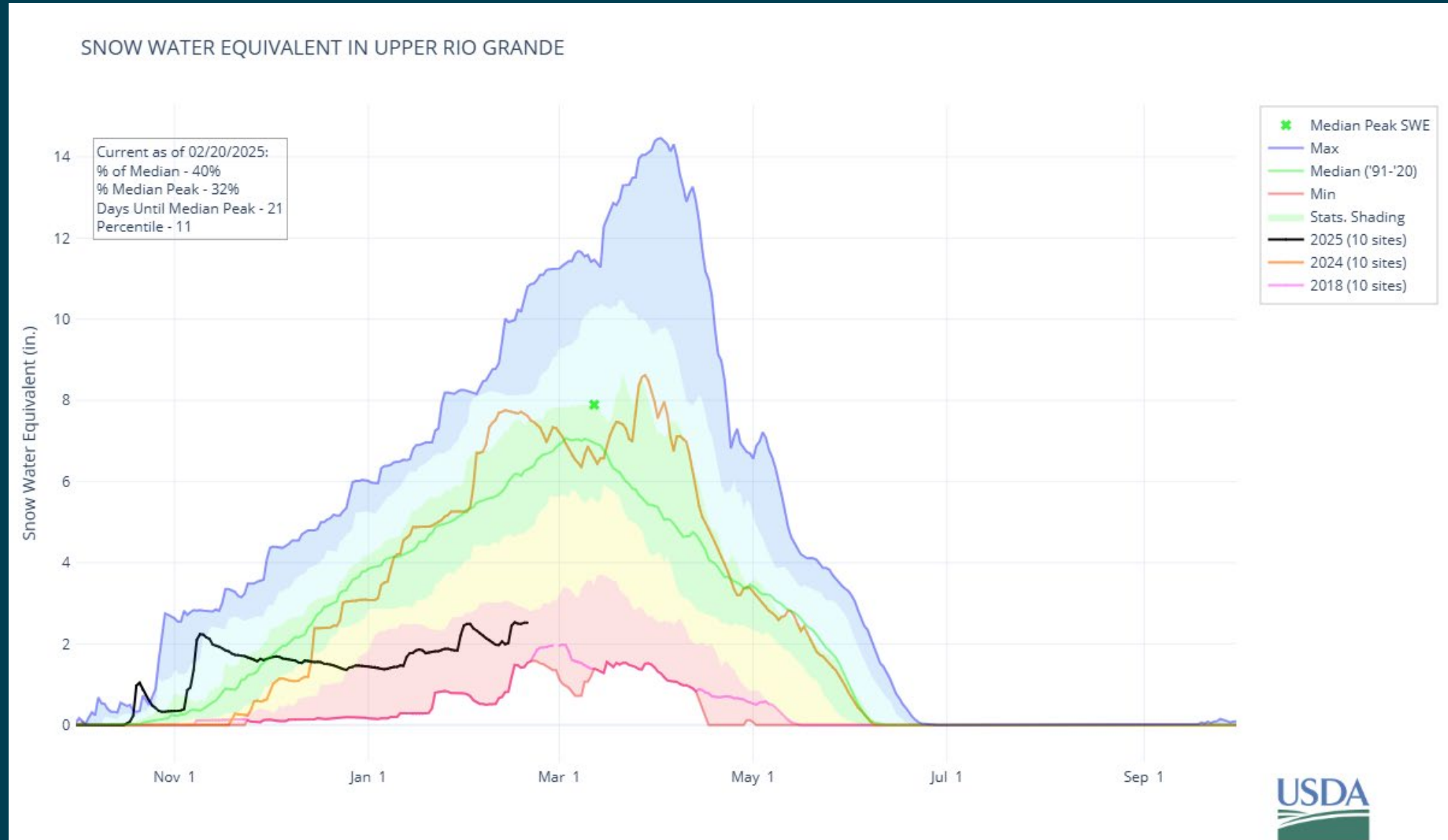
Rio Grande Headwaters SWE



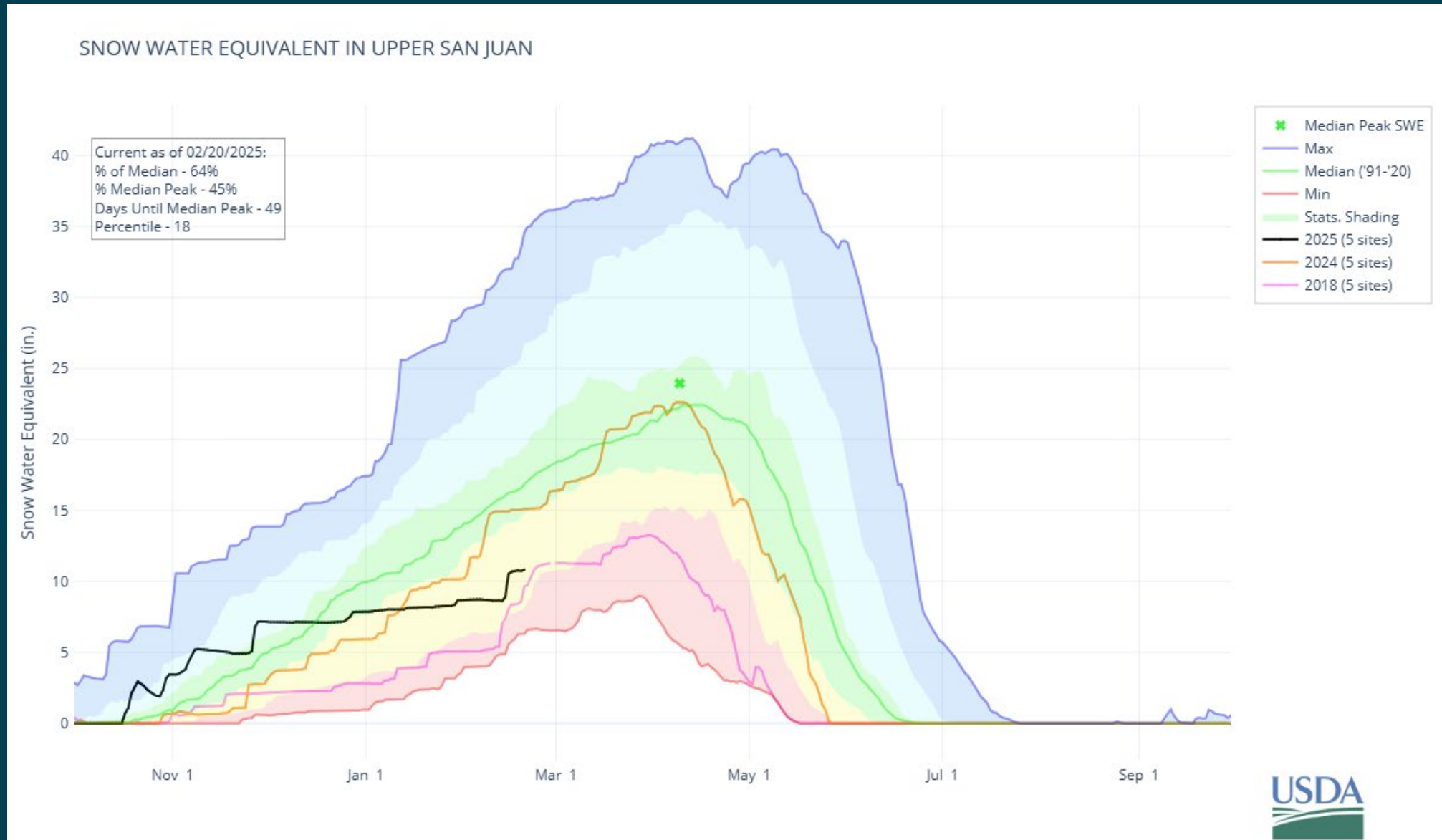
Rio Chama SWE



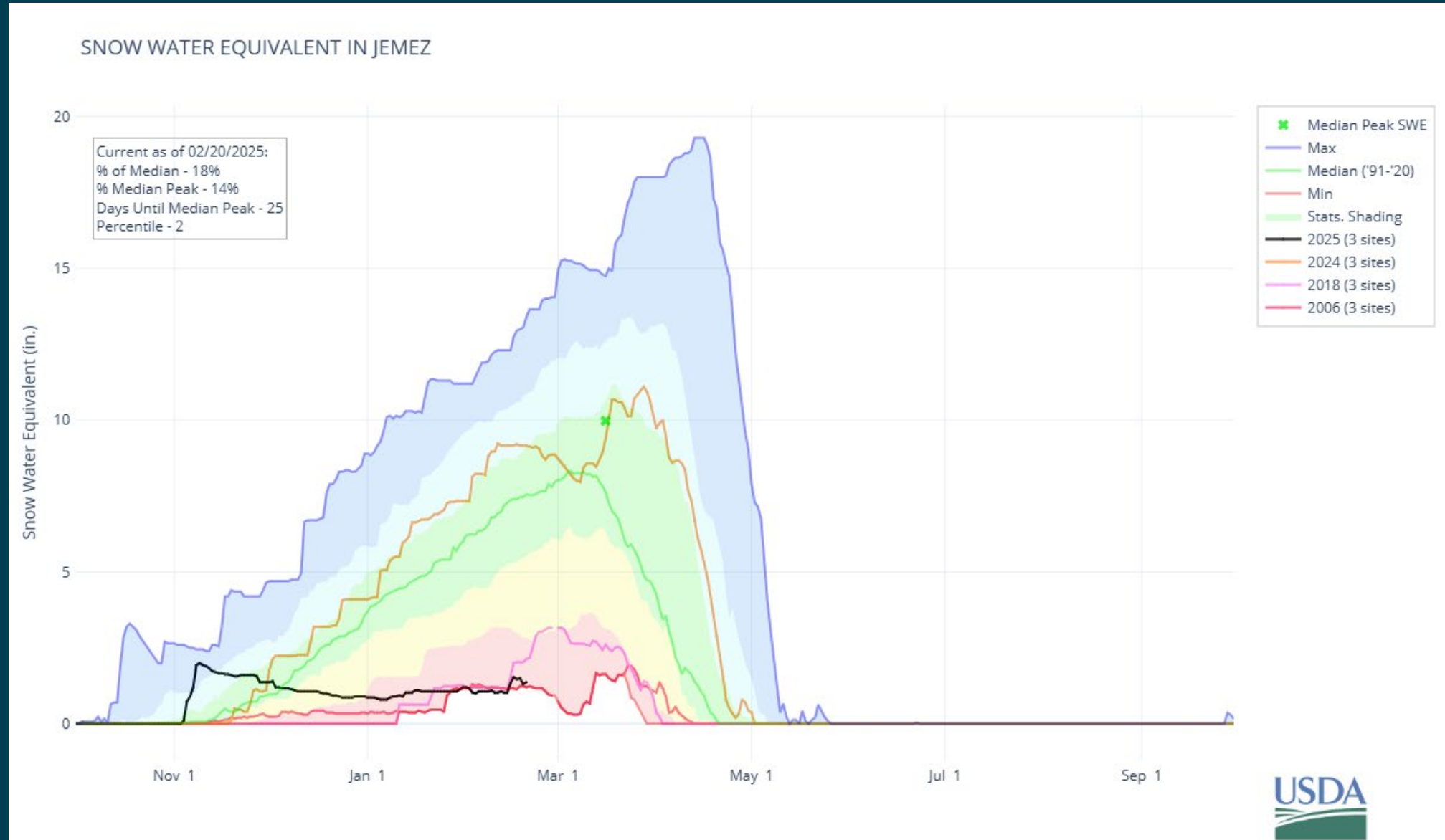
Sangre De Cristo SWE



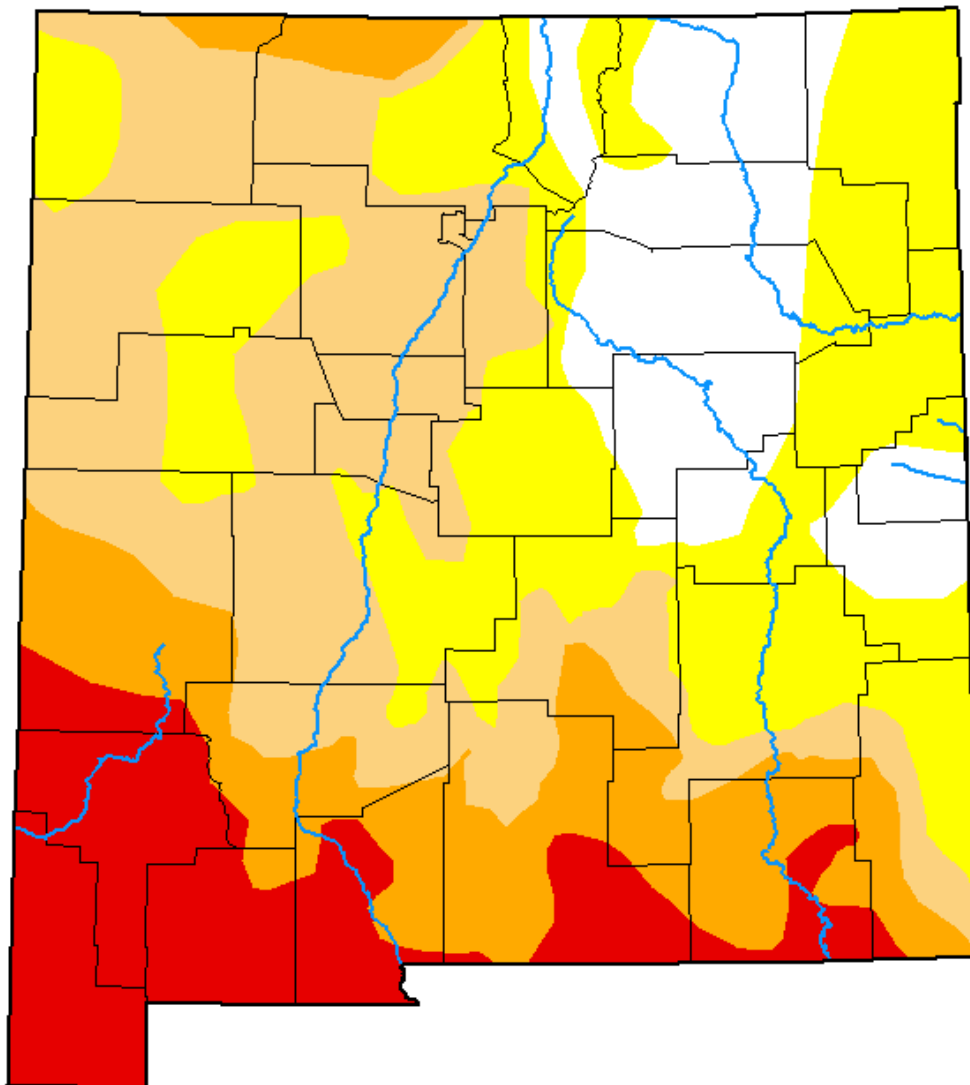
Upper San Juan SWE



Jemez SWE



U.S. Drought Monitor New Mexico



February 18, 2025

(Released Thursday, Feb. 20, 2025)

Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	13.95	86.05	57.13	29.08	13.98	0.00
Last Week <i>02-11-2025</i>	13.95	86.05	54.02	27.93	11.24	0.00
3 Months Ago <i>11-19-2024</i>	36.15	63.85	27.46	16.00	5.19	0.00
Start of Calendar Year <i>01-07-2025</i>	43.30	56.70	35.22	19.69	5.37	0.00
Start of Water Year <i>10-01-2024</i>	28.35	71.65	34.73	17.54	2.80	0.00
One Year Ago <i>02-20-2024</i>	2.82	97.18	88.19	47.86	19.28	3.51

Intensity:

None	D2 Severe Drought
D0 Abnormally Dry	D3 Extreme Drought
D1 Moderate Drought	D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

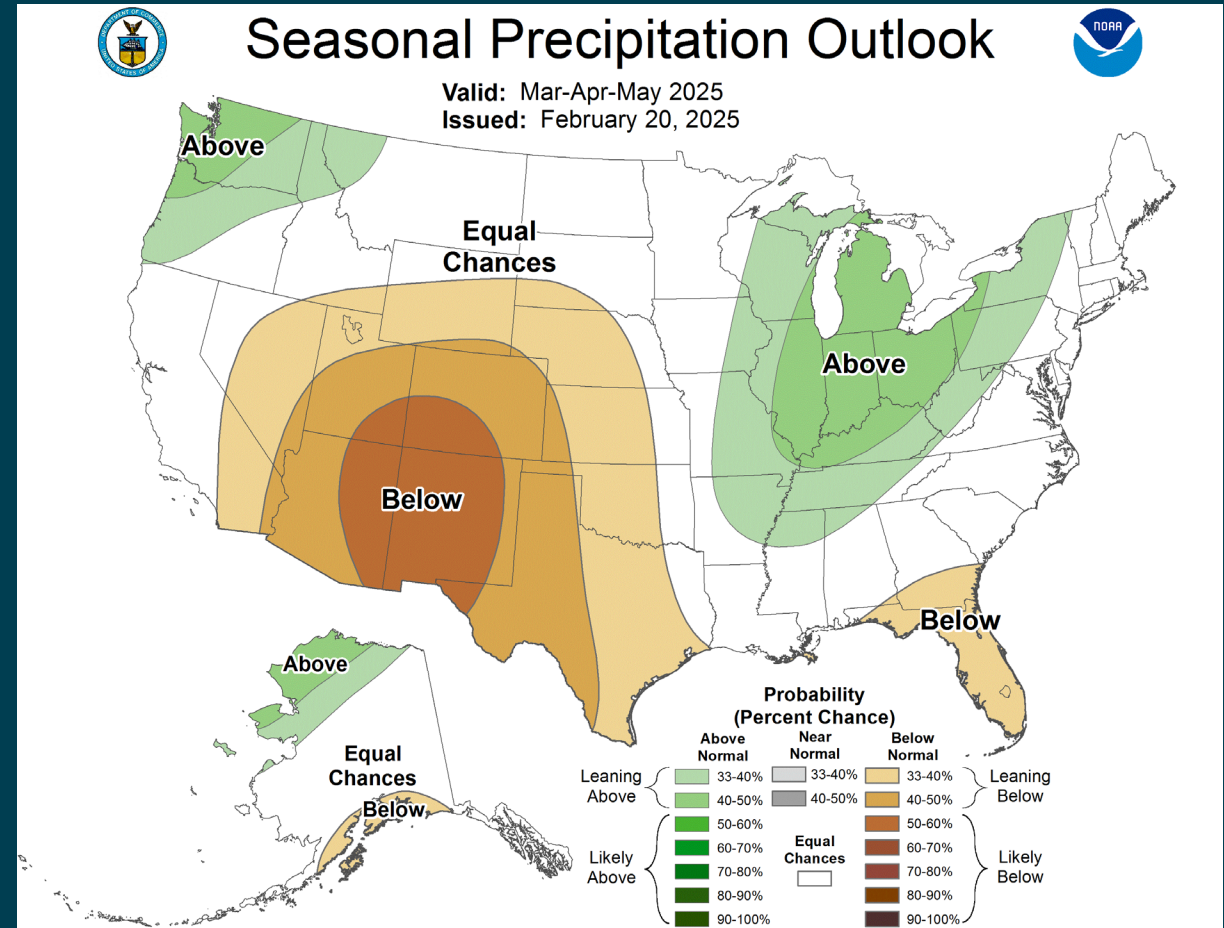
Author:

Brian Fuchs
National Drought Mitigation Center

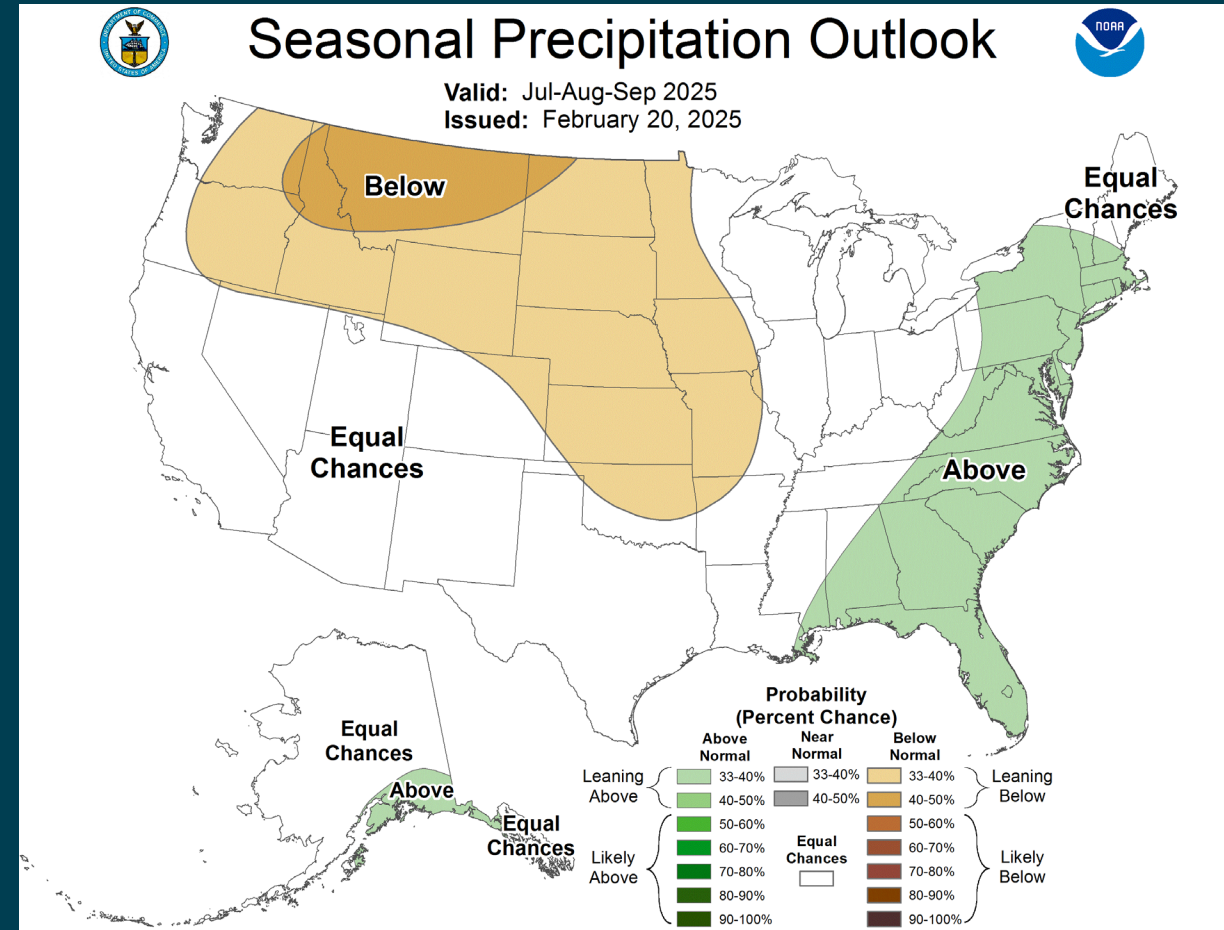
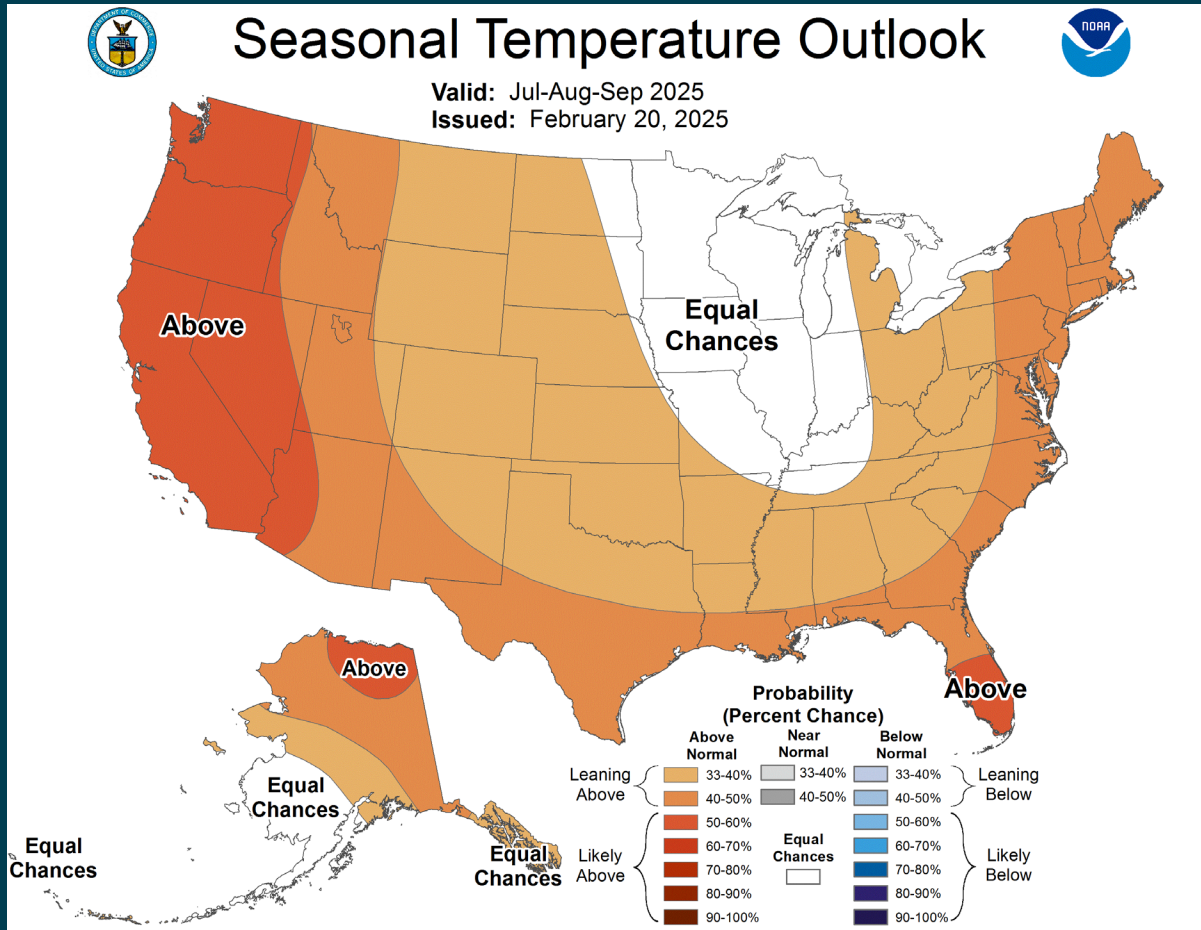


droughtmonitor.unl.edu





Monsoonal Outlook

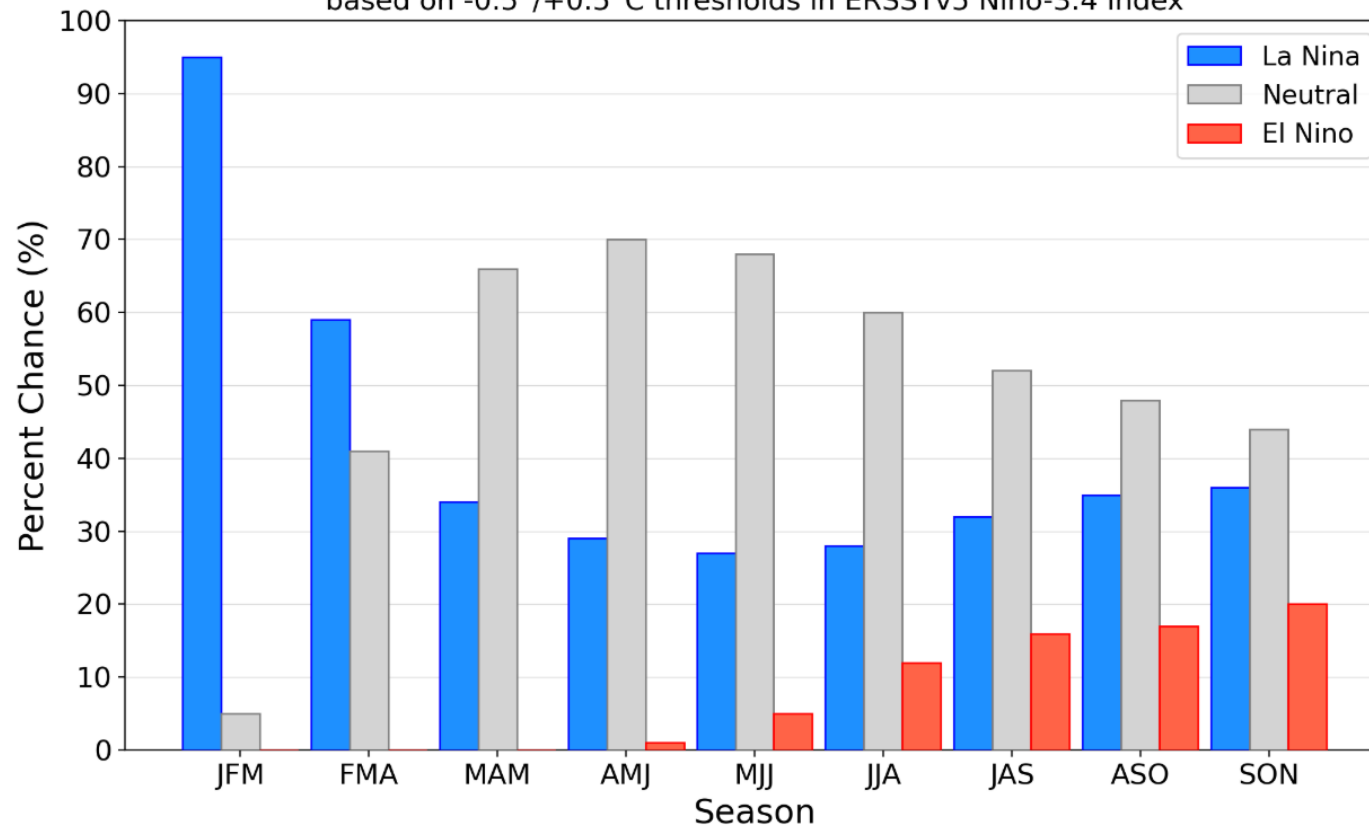


ENSO Projections



Official NOAA CPC ENSO Probabilities (issued February 2025)

based on $-0.5^{\circ}/+0.5^{\circ}\text{C}$ thresholds in ERSSTv5 Niño-3.4 index





February NRCS Forecast

Location	Forecast Period	90% (kaf)	70% (kaf)	50% (kaf)	% Avg	30% (kaf)	10% (kaf)	30yr median (kaf)
Upper Rio Grande and San Juan								
Rio Grande nr Del Norte	APR-SEP	270	375	440	92%	500	600	480
Conejos R nr Mogote	APR-SEP	68	92	108	64%	126	153	168
Rio Blanco before diversion	APR-JUL	15.1	23	29	60%	36	47	48
Navajo River before diversion	APR-JUL	17.2	27	34	61%	42	56	56
San Juan Chama and Middle Rio Grande								
Jemez R bl Jemez Canyon Dam	MAR-JUL	0.85	2.6	5.2	24%	9.8	18.7	22
El Vado Reservoir Inflow	MAR-JUL	20	45	74	40%	103	158	186
Rio Grande at Otowi Bridge	MAR-JUL	142	215	290	51%	360	490	565
Rio Grande at San Marcial*	MAR-JUL	-135	-40	55	16%	155	345	345

*Not used as input into URGWOM

Important Model Assumptions

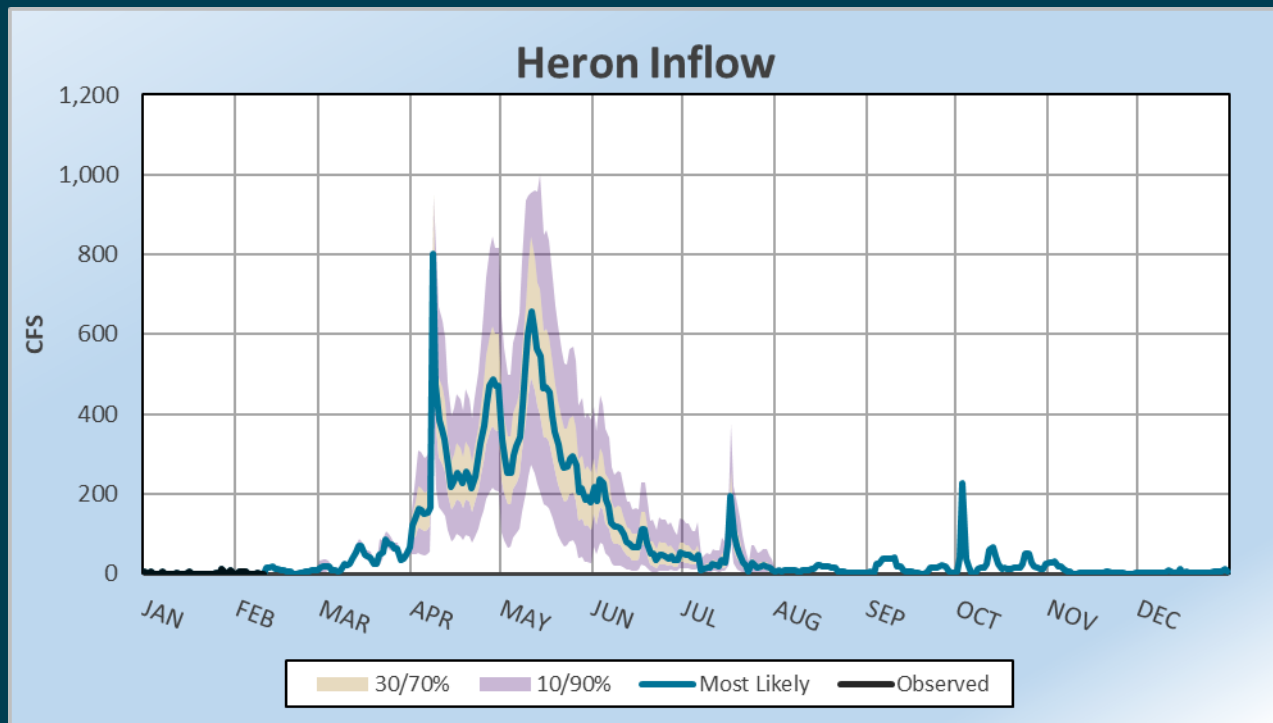
- 2018 hydrograph shape and monsoon season
- El Vado Reservoir
 - 6810 ft restriction
 - P&P split between El Vado and Abiquiu (up to 33,000 acre-ft)
- Abiquiu Reservoir
 - Max release of 1,000 cfs
- Caballo operations
 - Start on June 1
 - Release between 231 KAF (90%) and 414 KAF (10%) with most likely 272 KAF





Forecast Runs (aka AOP runs)

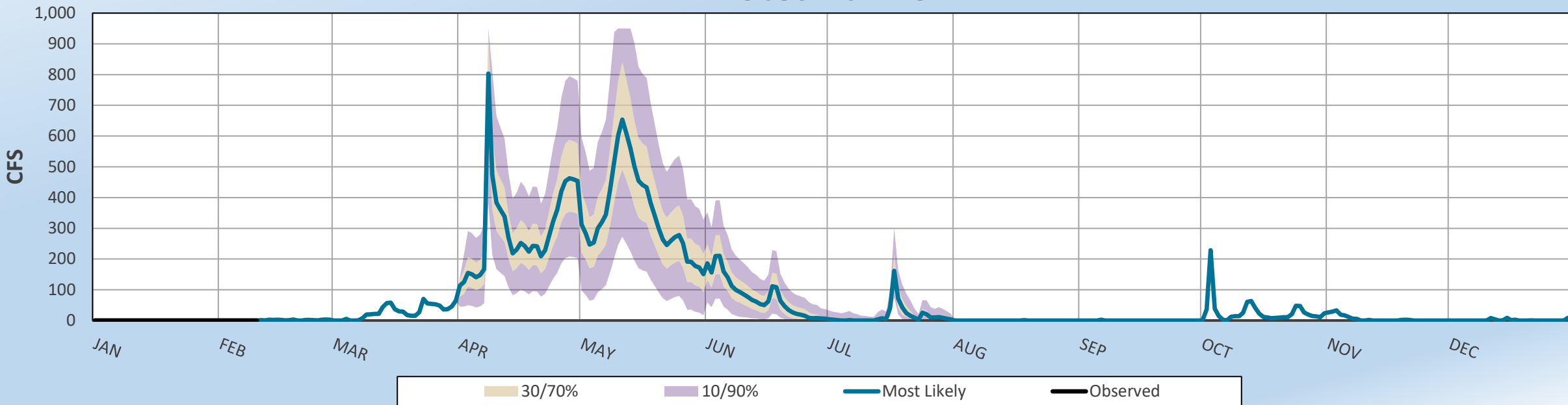
- 5 forecast runs displayed by bands of exceedance



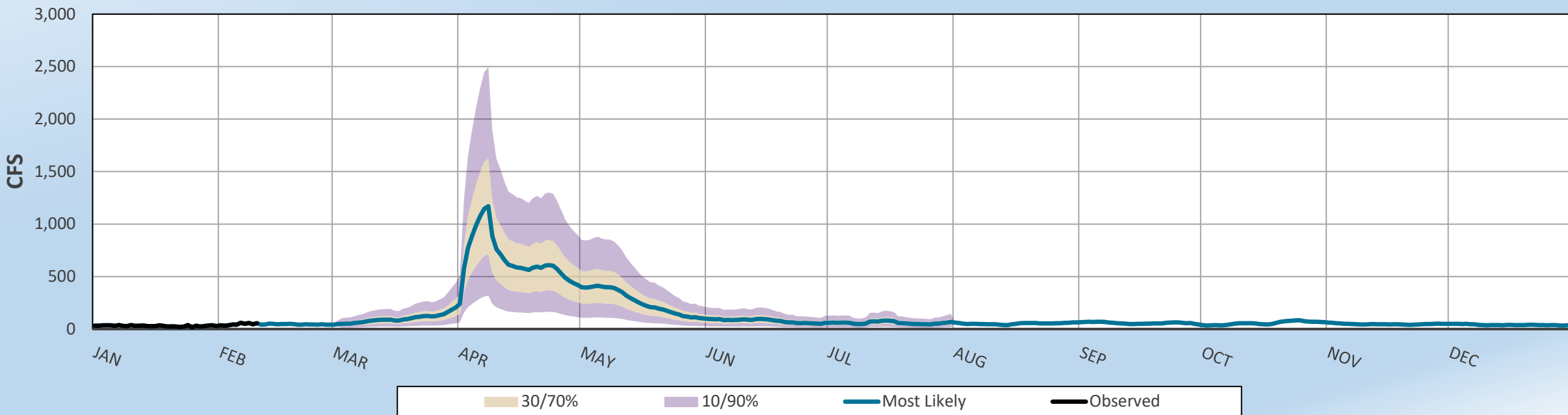
- Black line is the observed data
- Blue line is the most likely (50% exceedance run)
- Tan shading is between the 30% and 70% exceedance runs
- Purple shading is between the 10% and 90% exceedance runs

Exceedance run example - there is a 70% chance that the total volume during the forecast period will exceed the 70% forecast and a 30% chance that flow volume during the period will be lower.

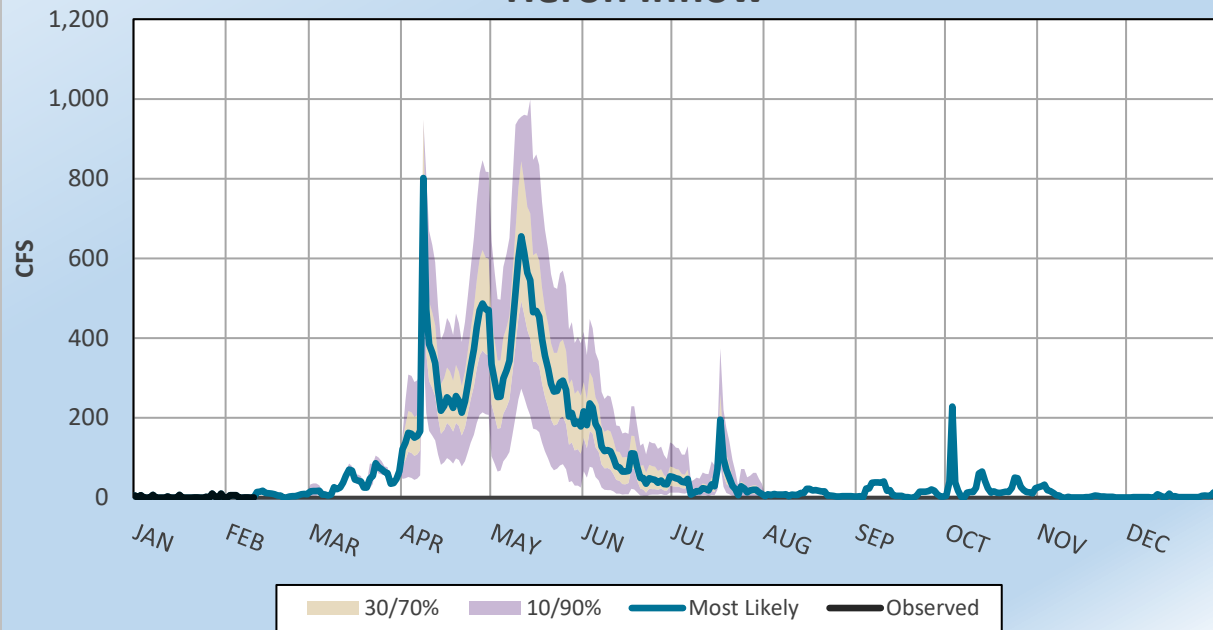
Azotea Tunnel



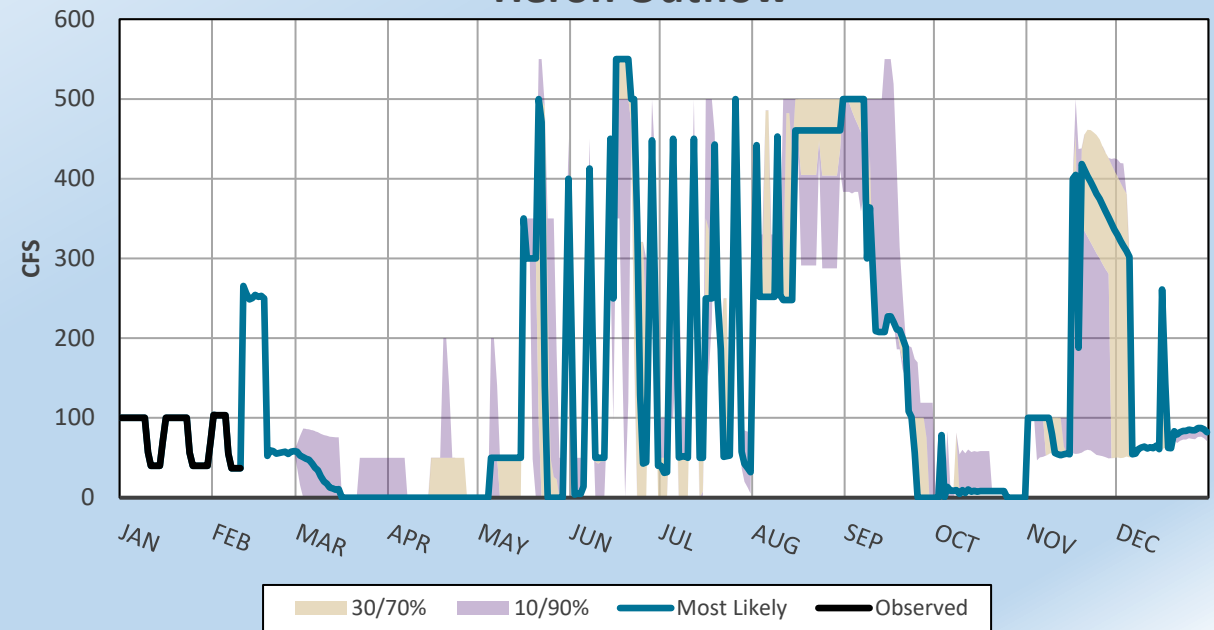
El Vado Local Inflow



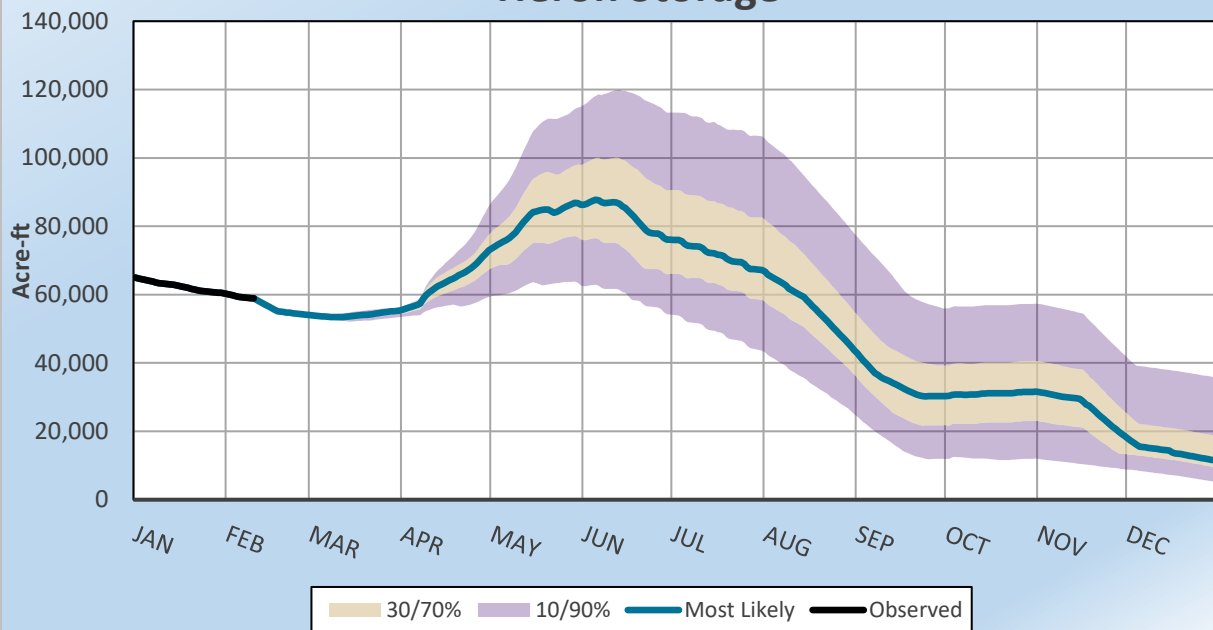
Heron Inflow



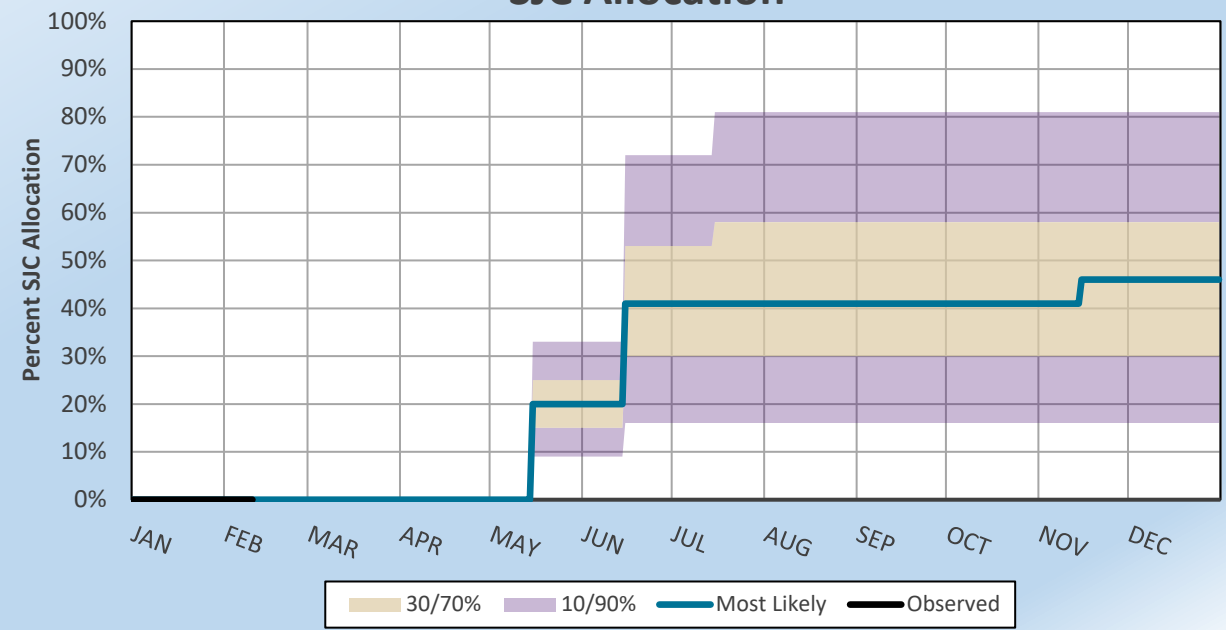
Heron Outflow



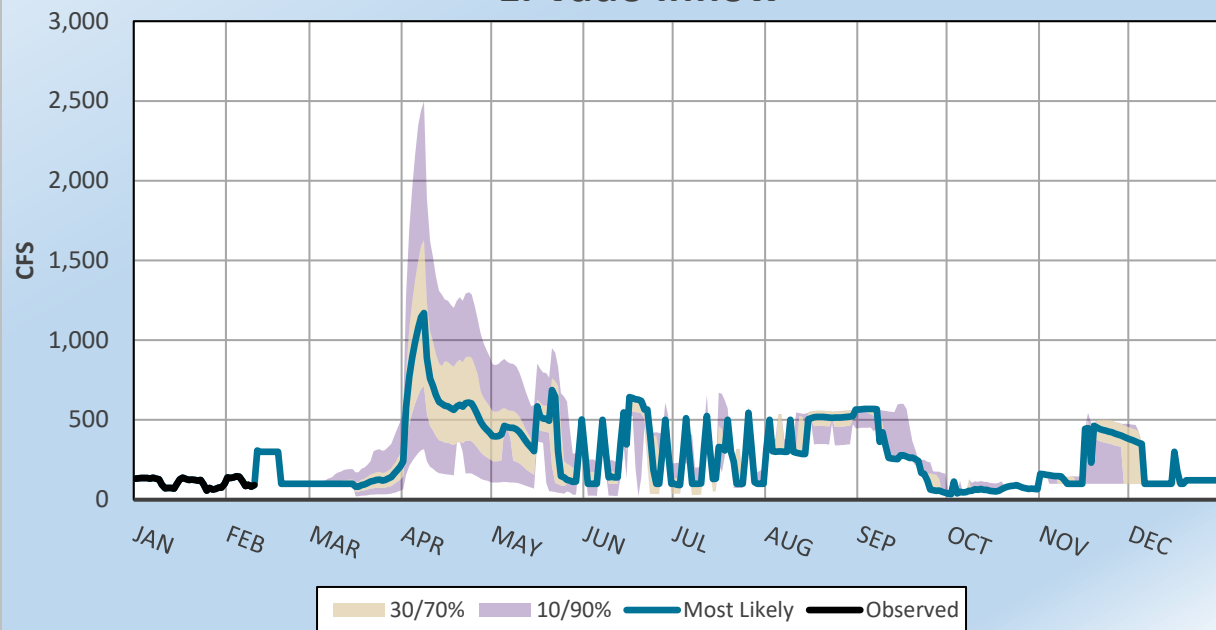
Heron Storage



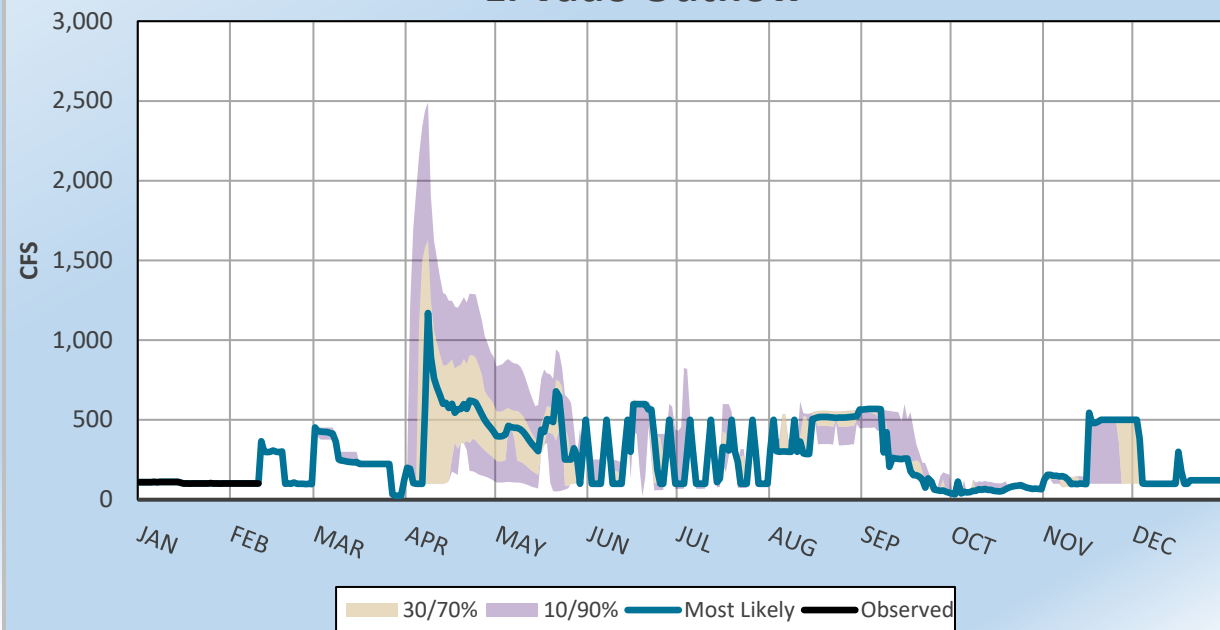
SJC Allocation



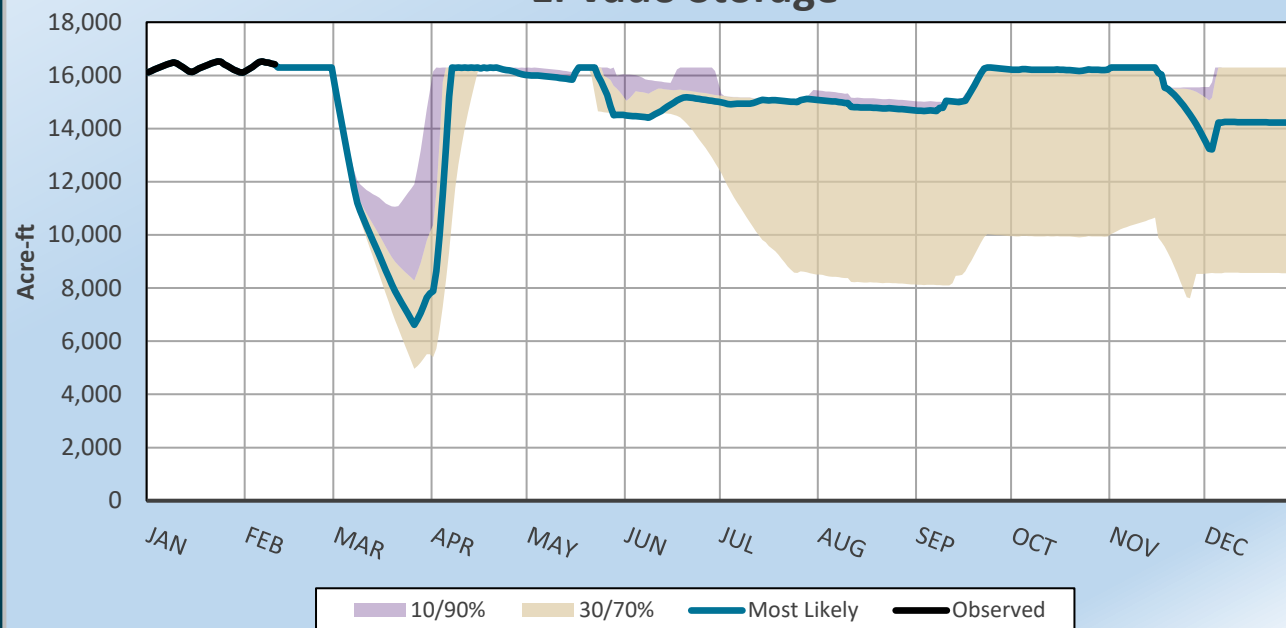
El Vado Inflow



El Vado Outflow



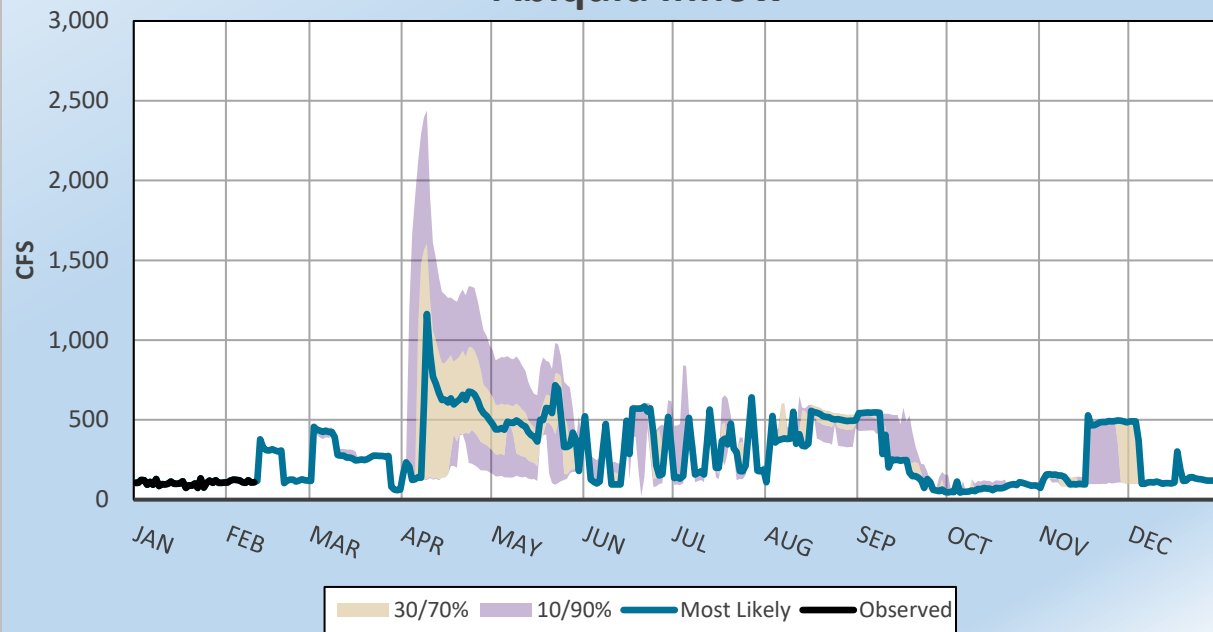
El Vado Storage



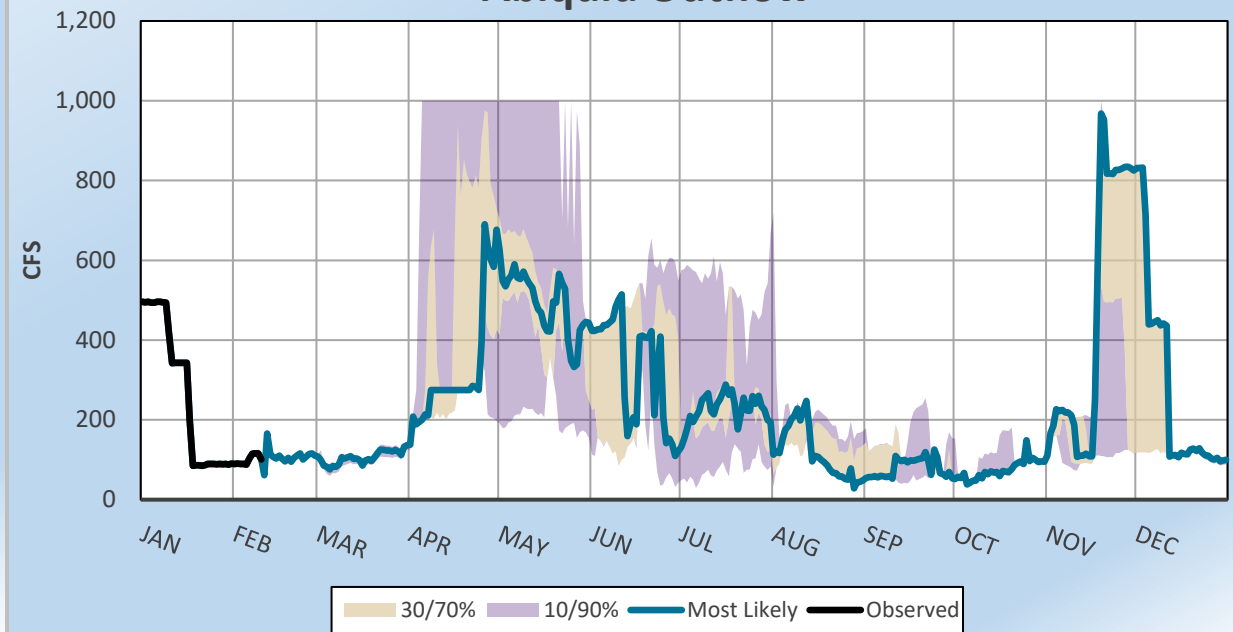
Feb 2025 AOP Results
Provisional – Subject to
Change



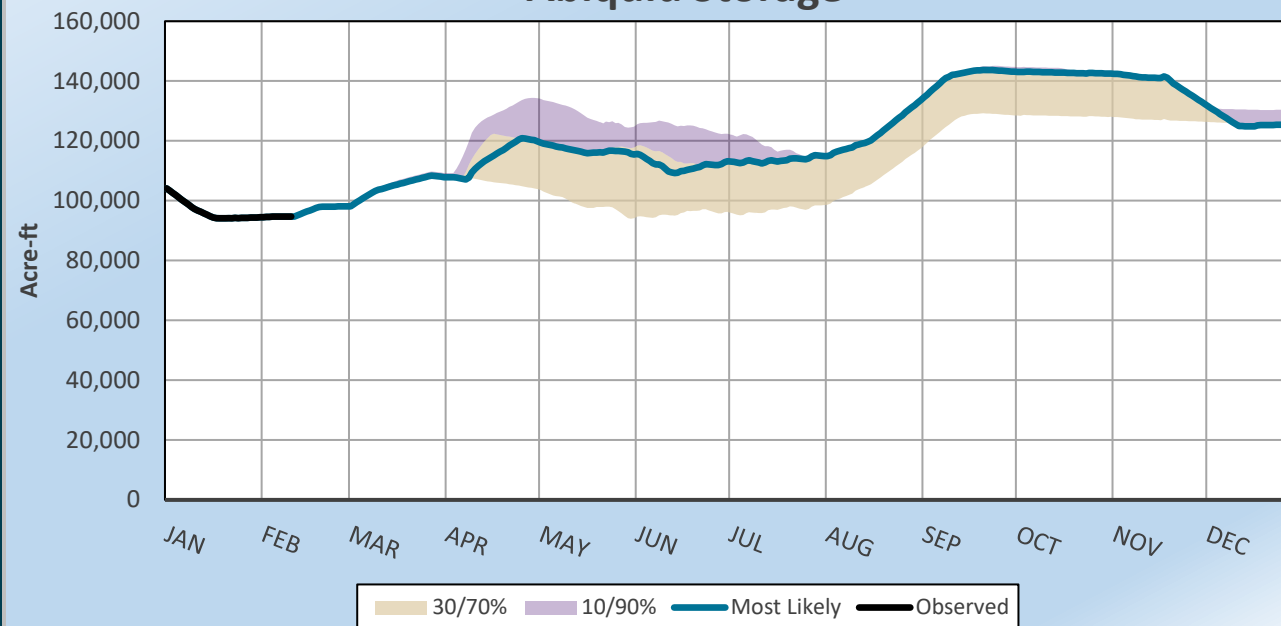
Abiquiu Inflow



Abiquiu Outflow



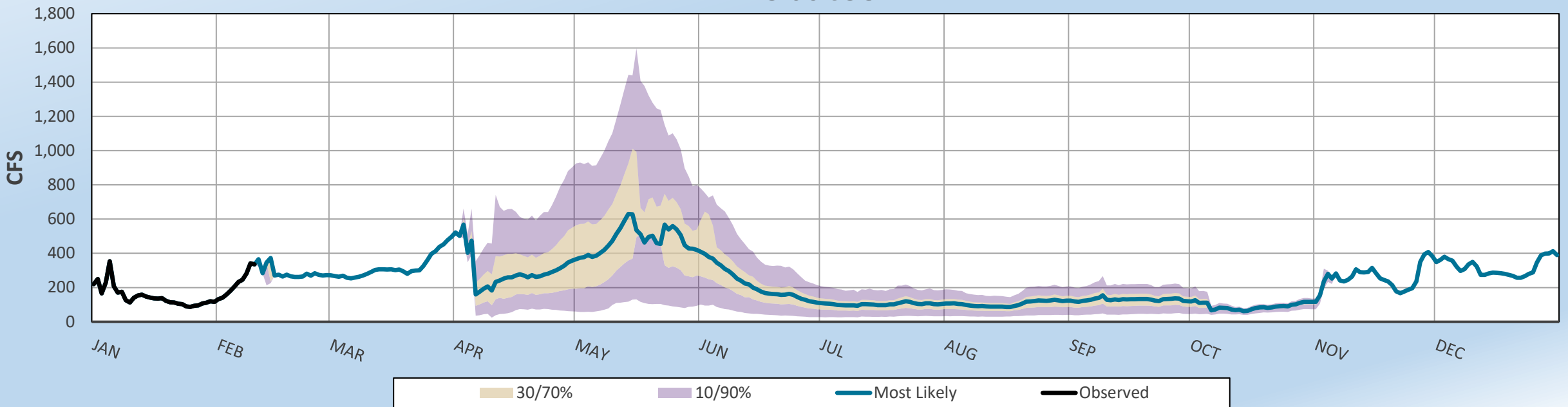
Abiquiu Storage



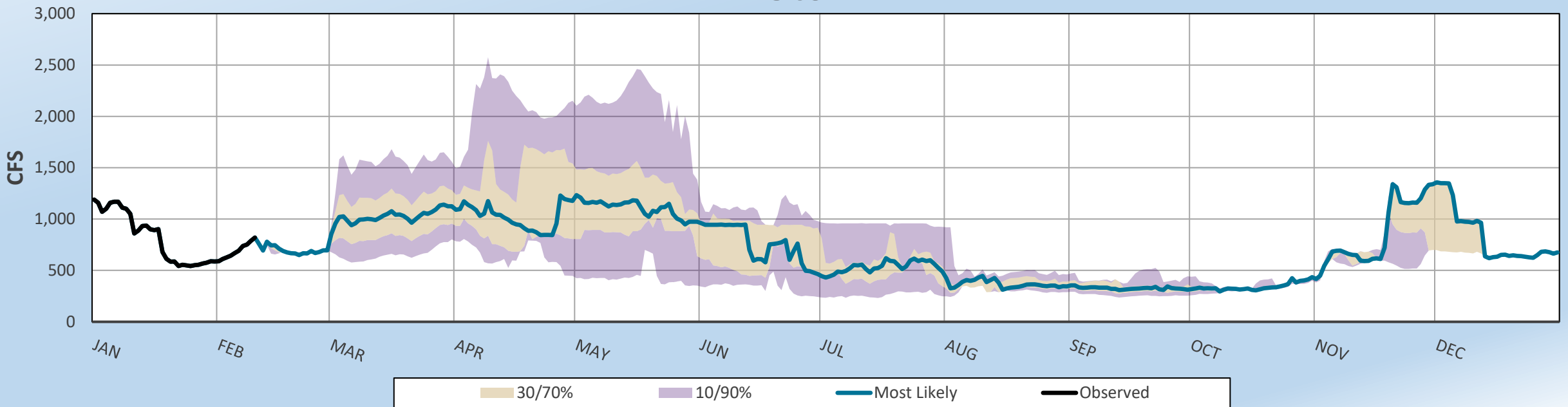
Feb 2025 AOP Results
Provisional – Subject to
Change



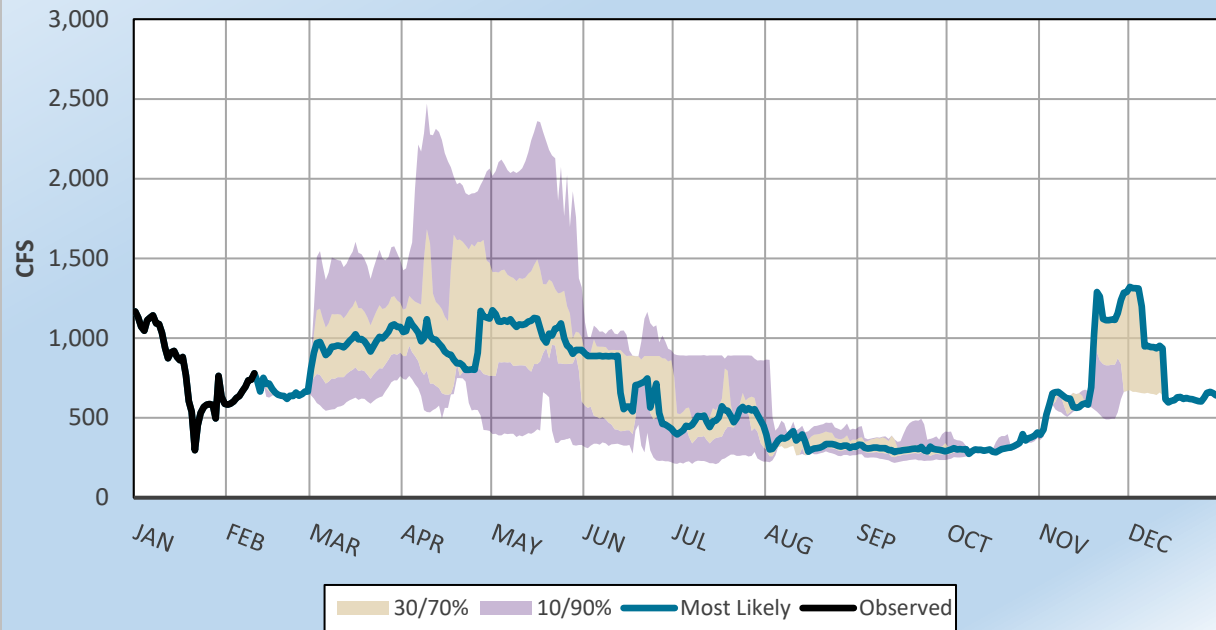
Lobatos



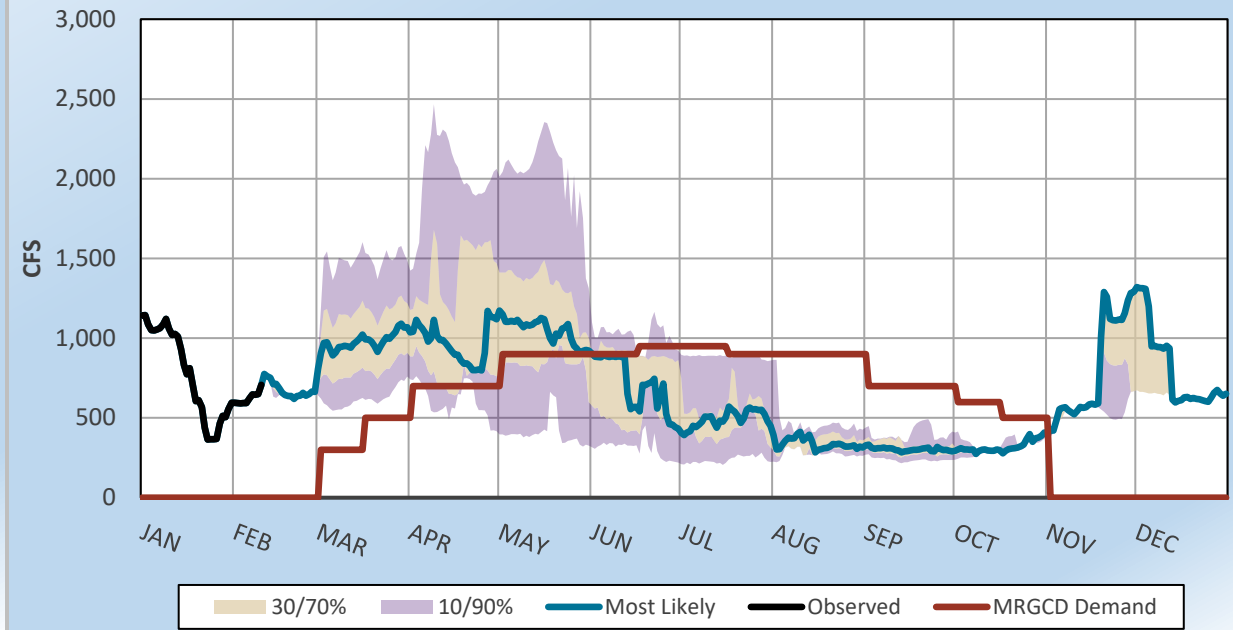
Otowi



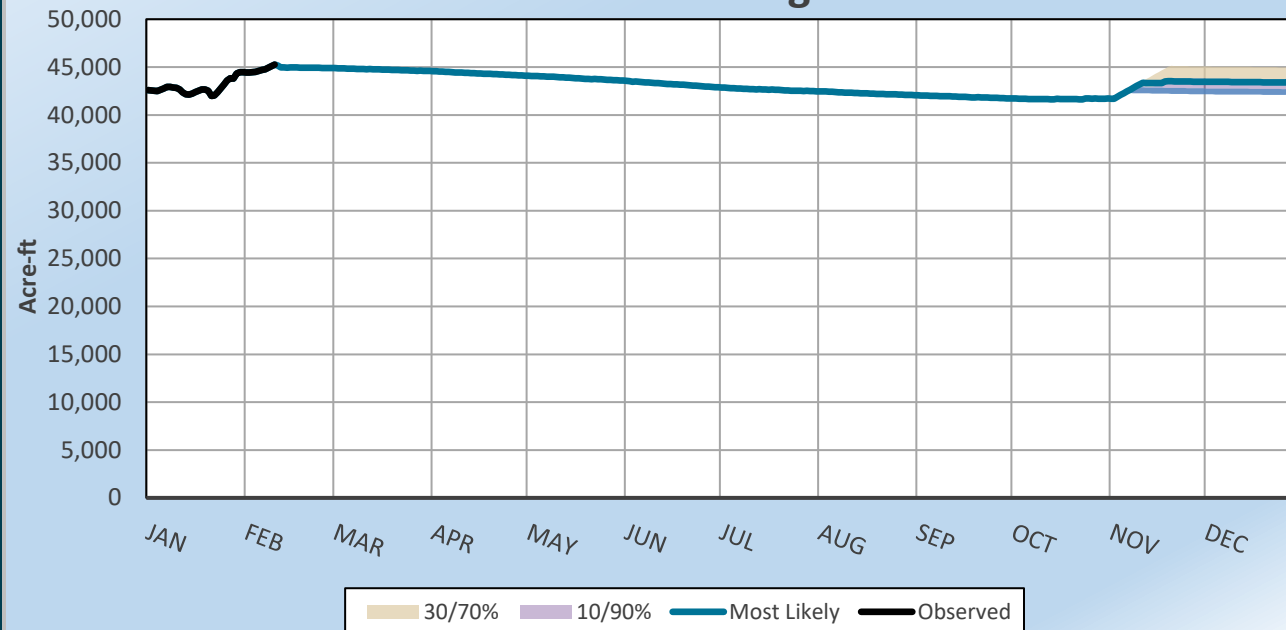
Cochiti Inflow



Cochiti Outflow



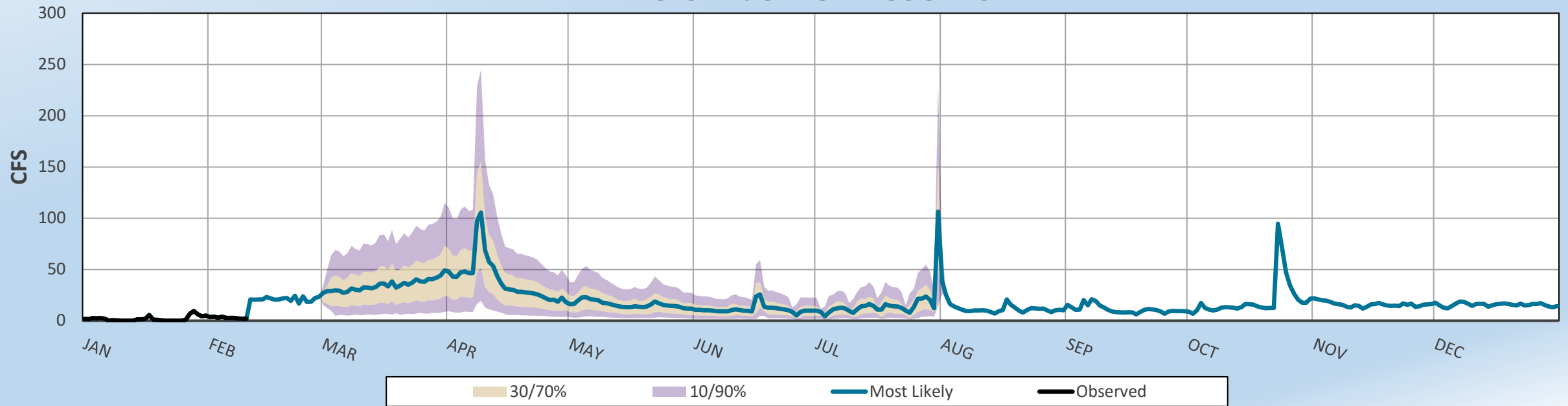
Cochiti Storage



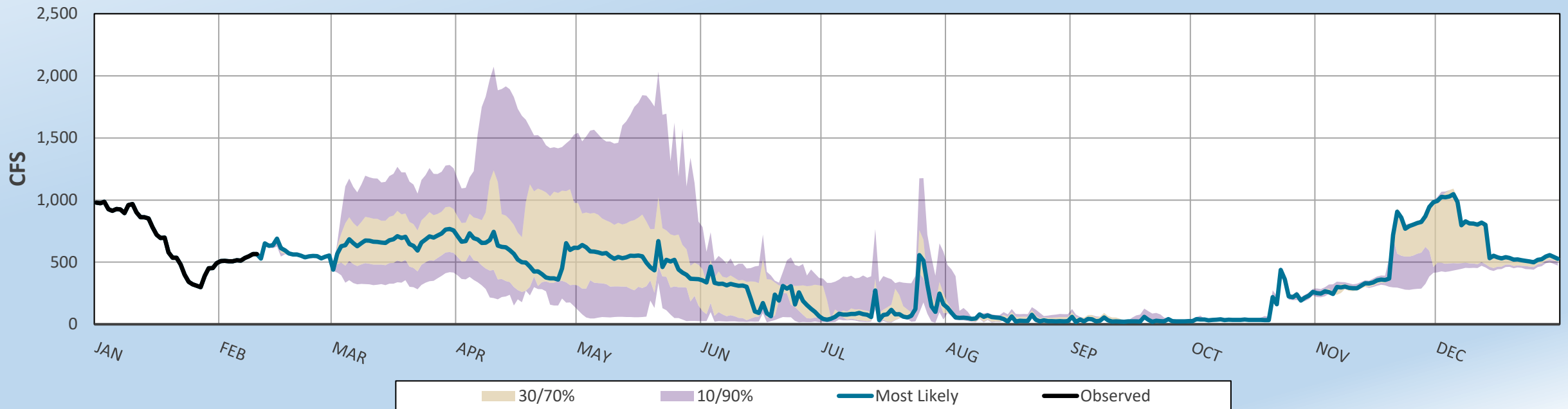
Feb 2025 AOP Results
Provisional – Subject to
Change



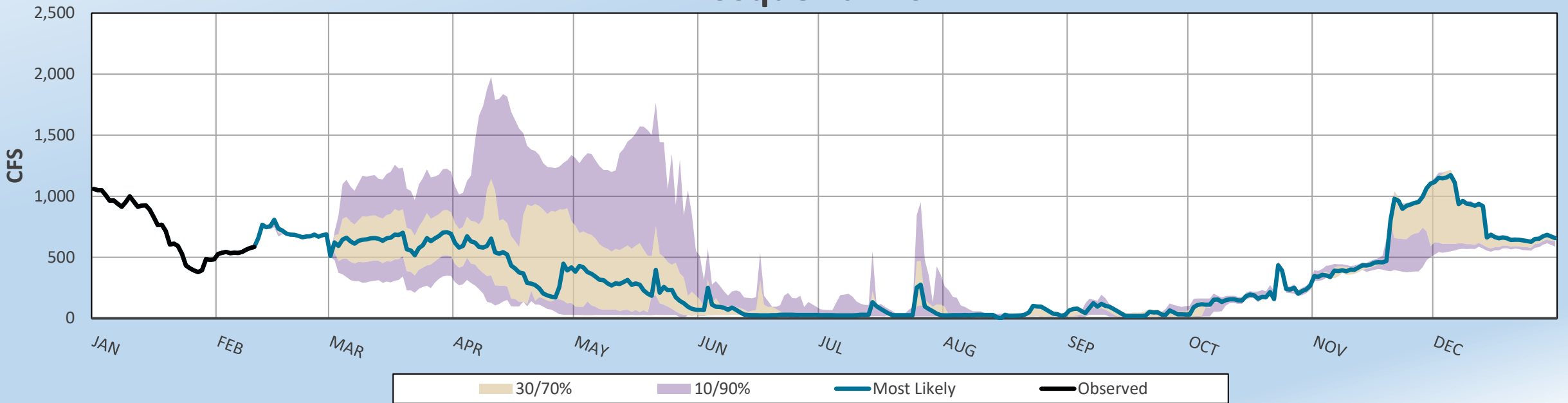
Below Jemez Reservoir



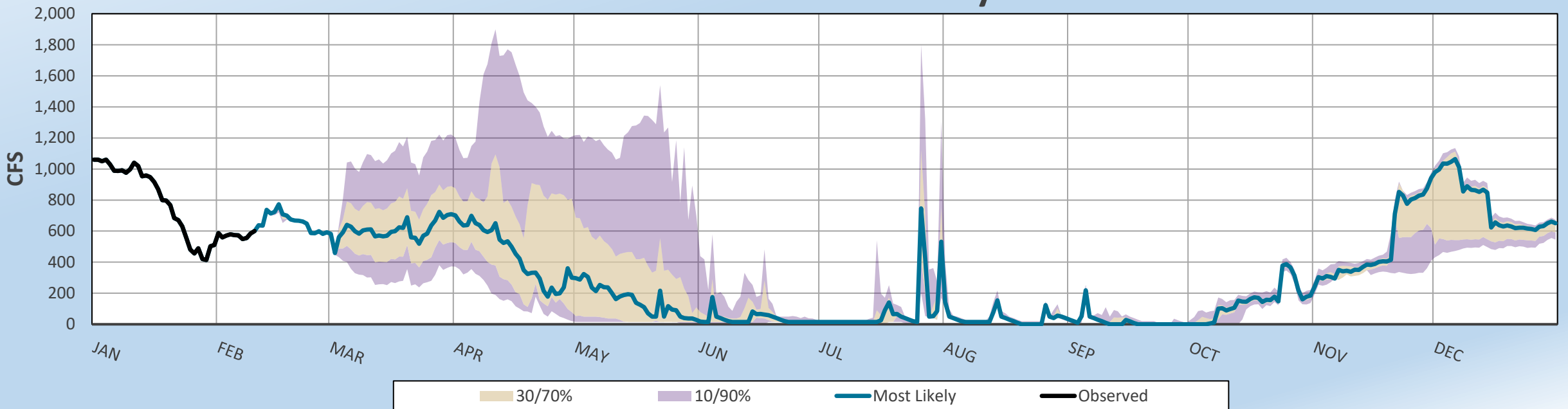
Central



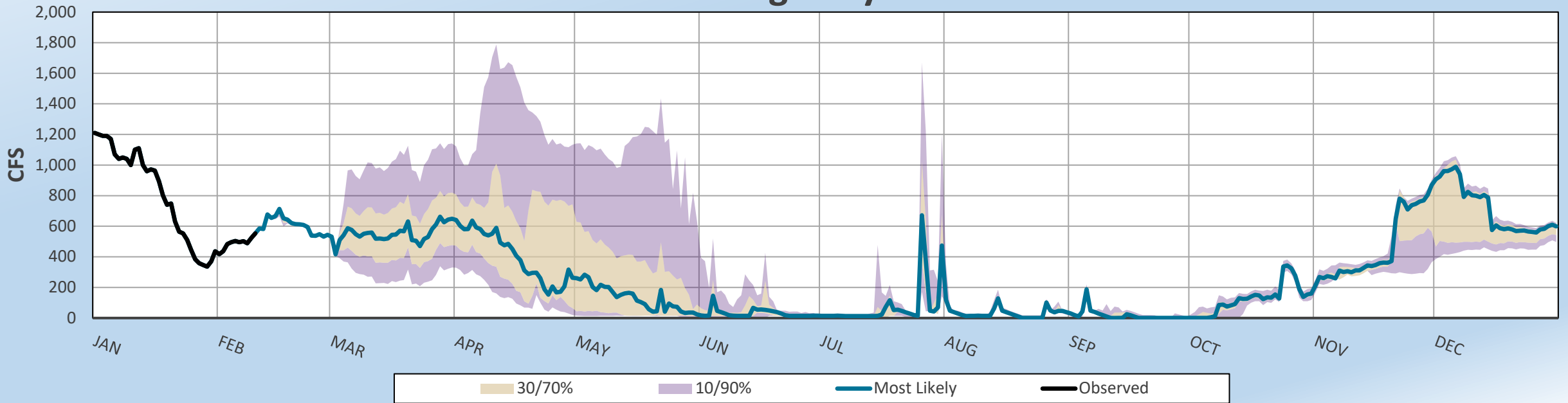
Bosque Farms



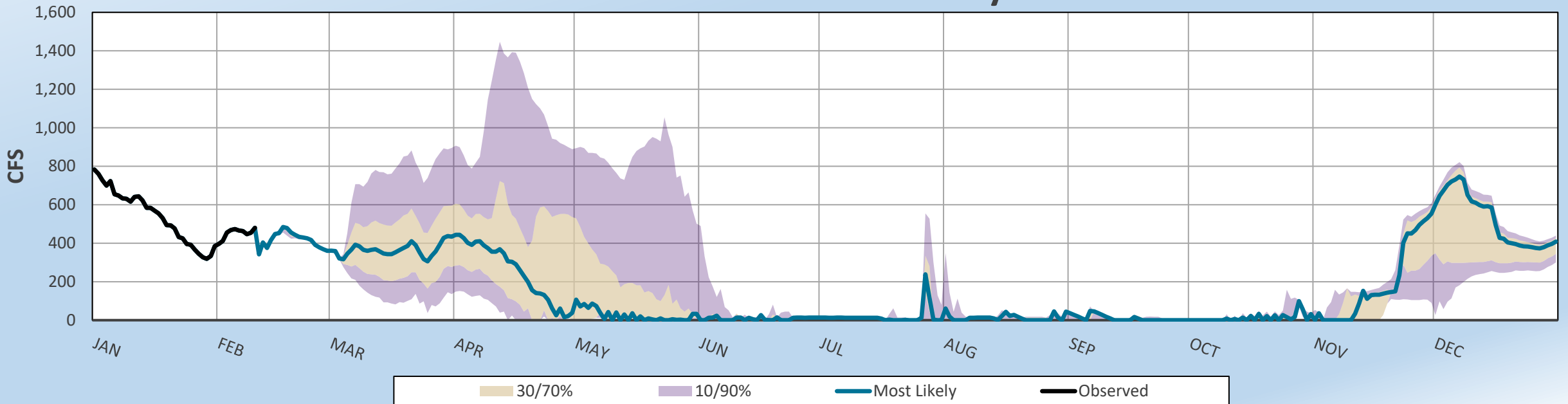
San Acacia Floodway



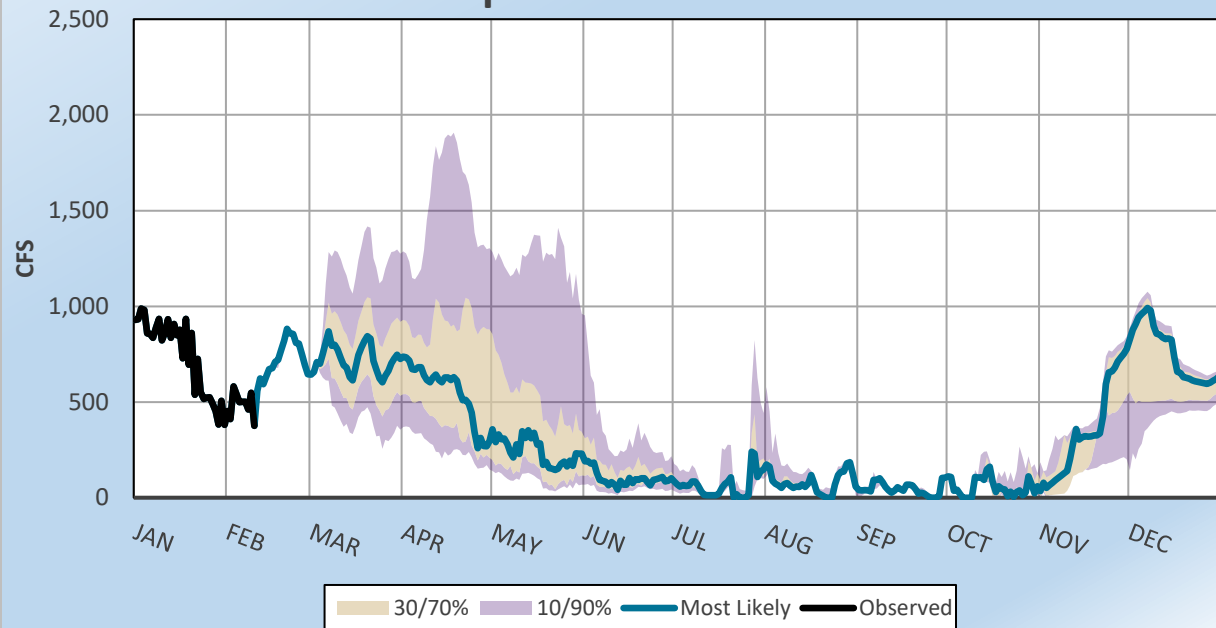
US Highway 380



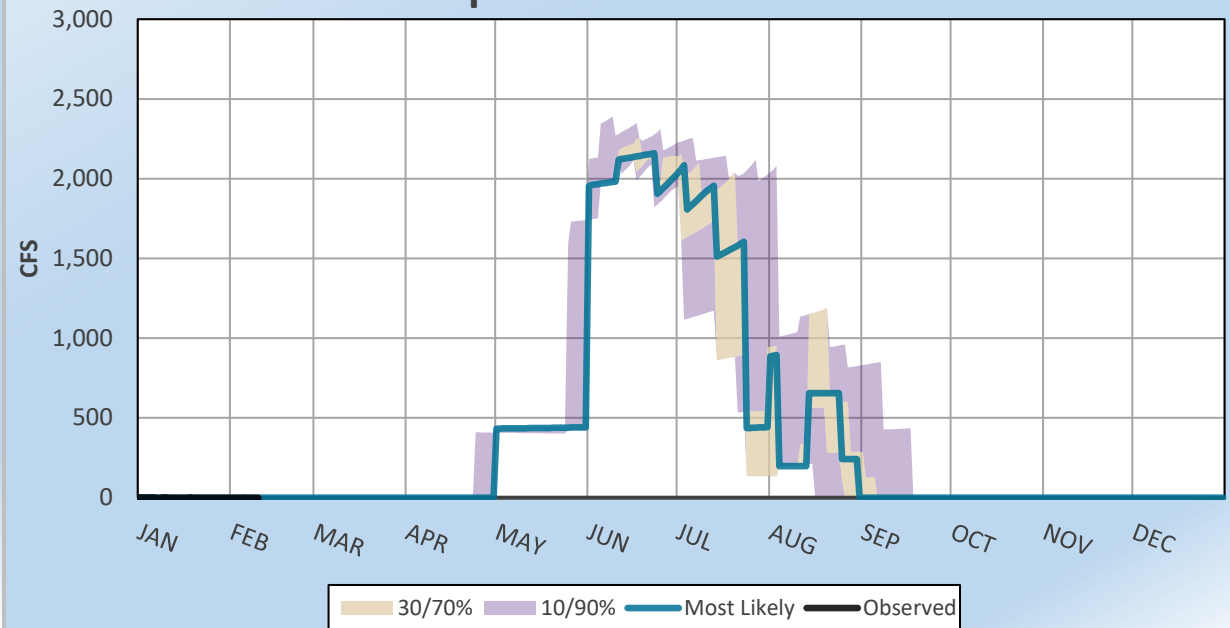
San Marcial Floodway



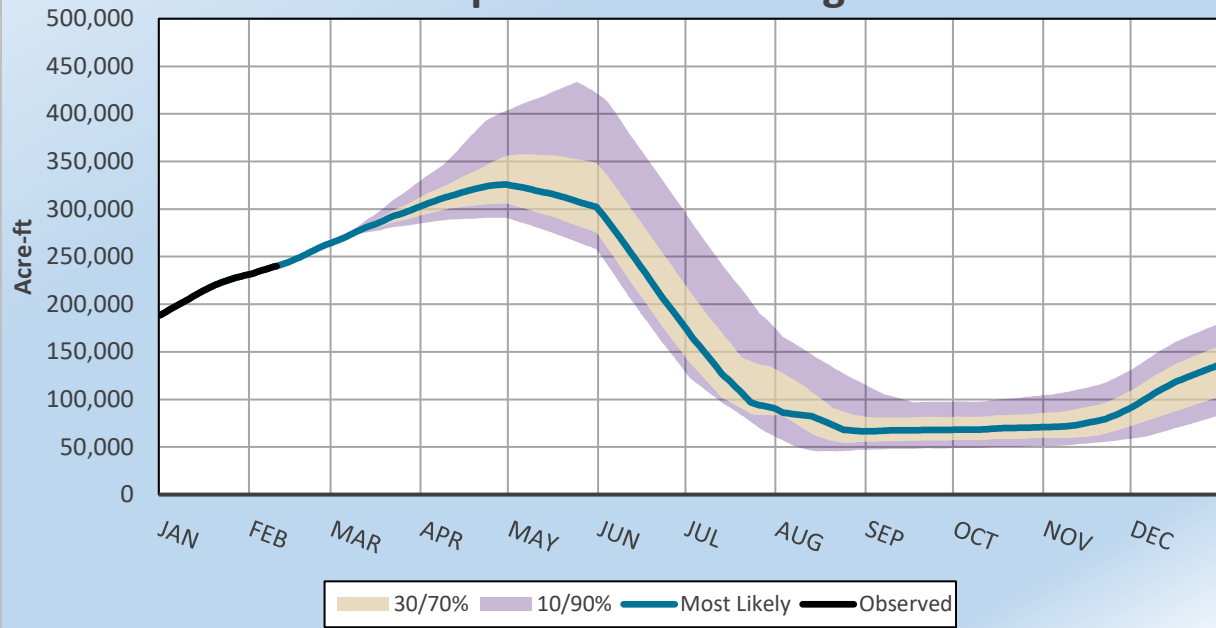
Elephant Butte Inflow



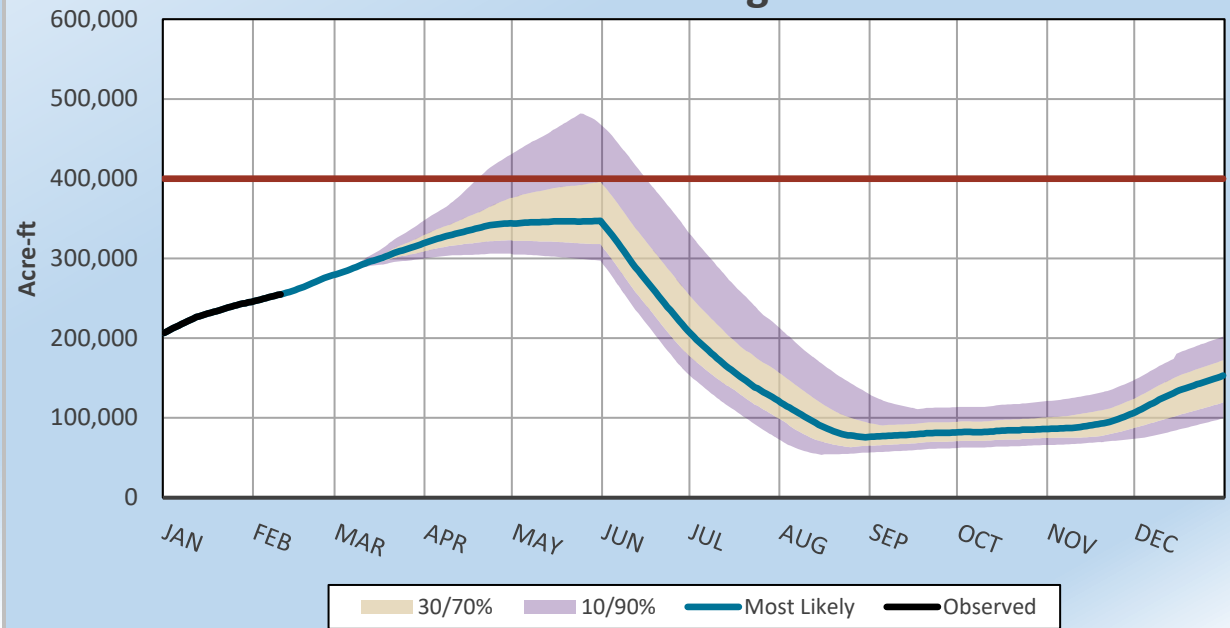
Elephant Butte Outflow



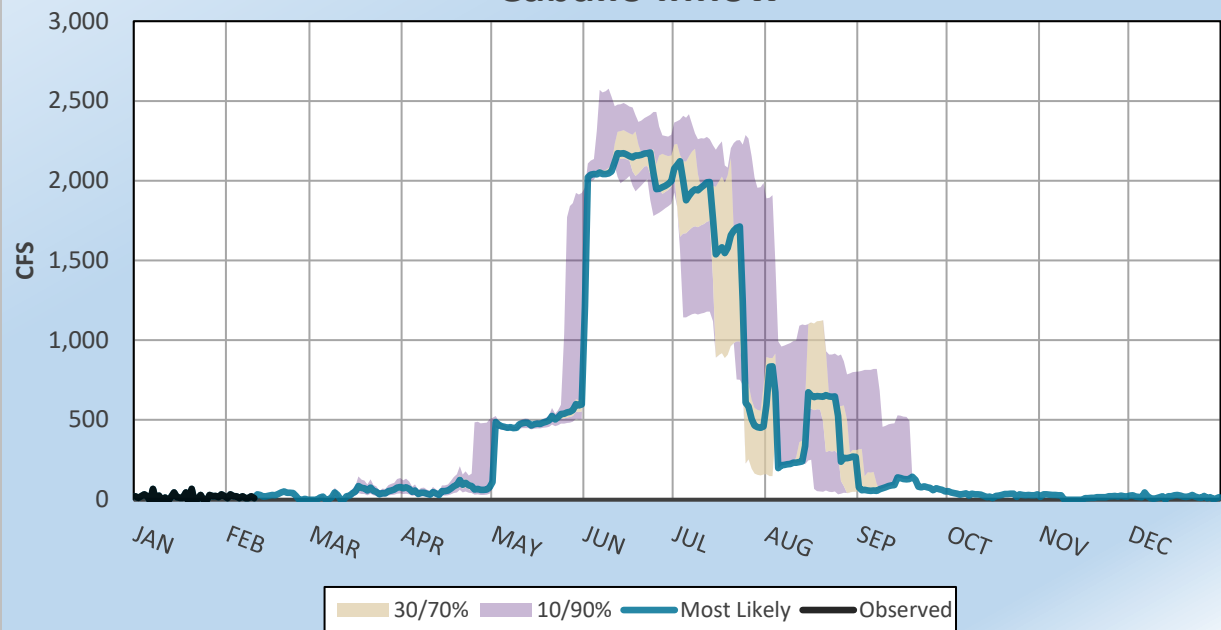
Elephant Butte Storage



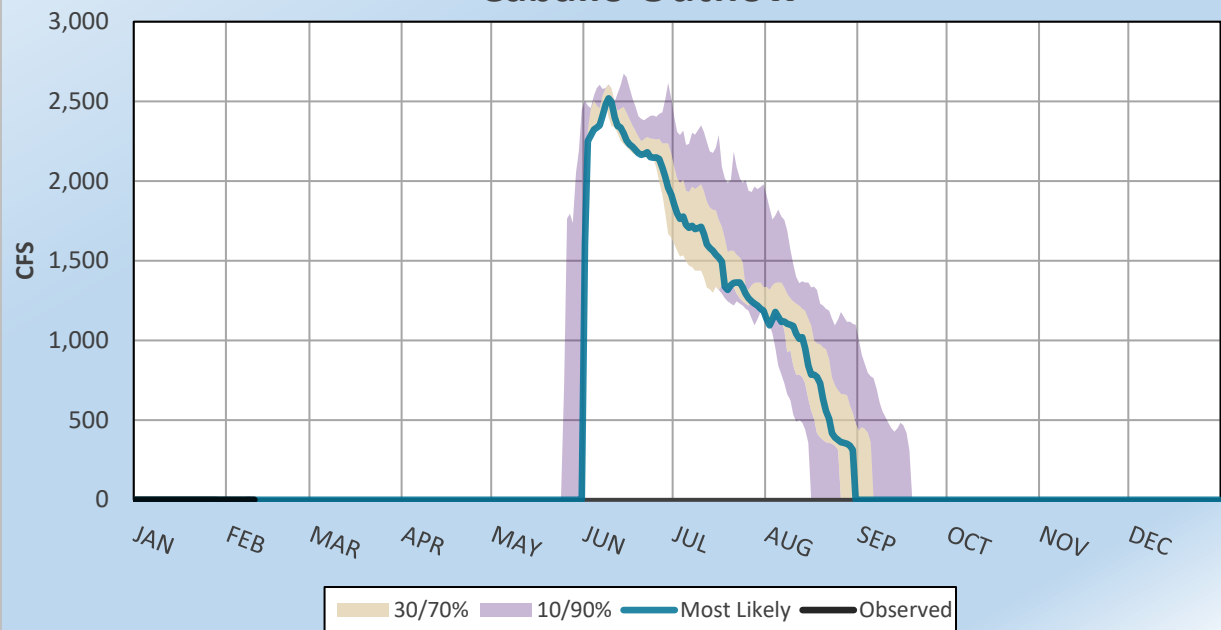
Usable Storage



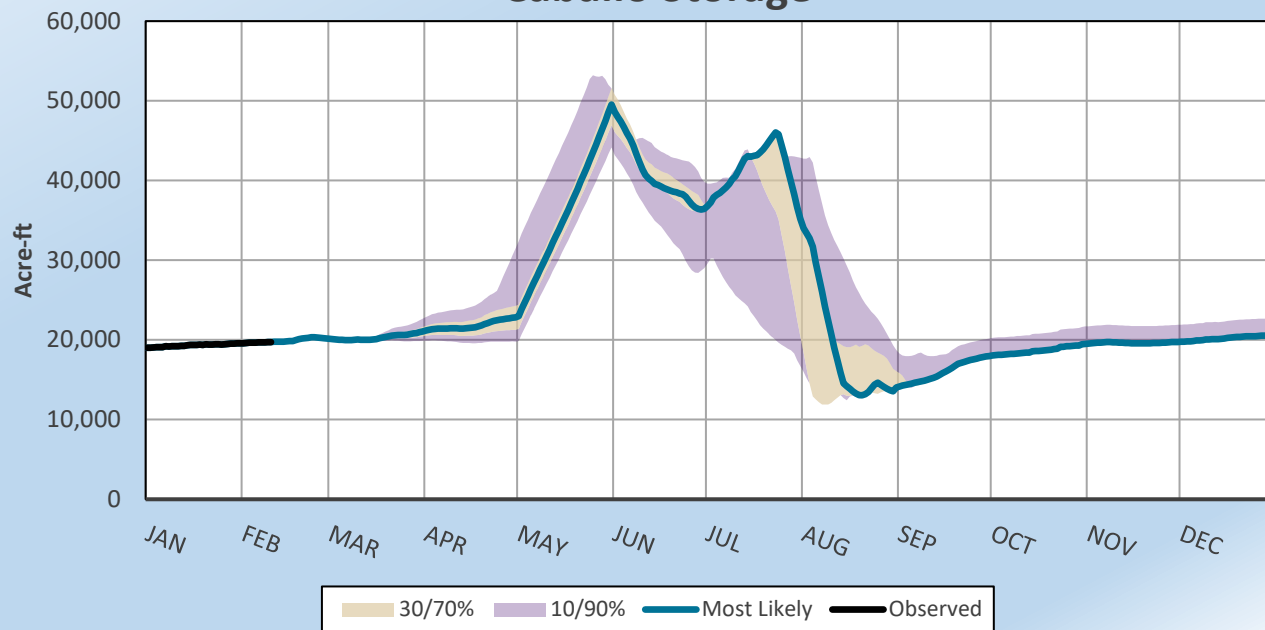
Caballo Inflow



Caballo Outflow



Caballo Storage



Feb 2025AOP Results
Provisional – Subject to
Change



Summary

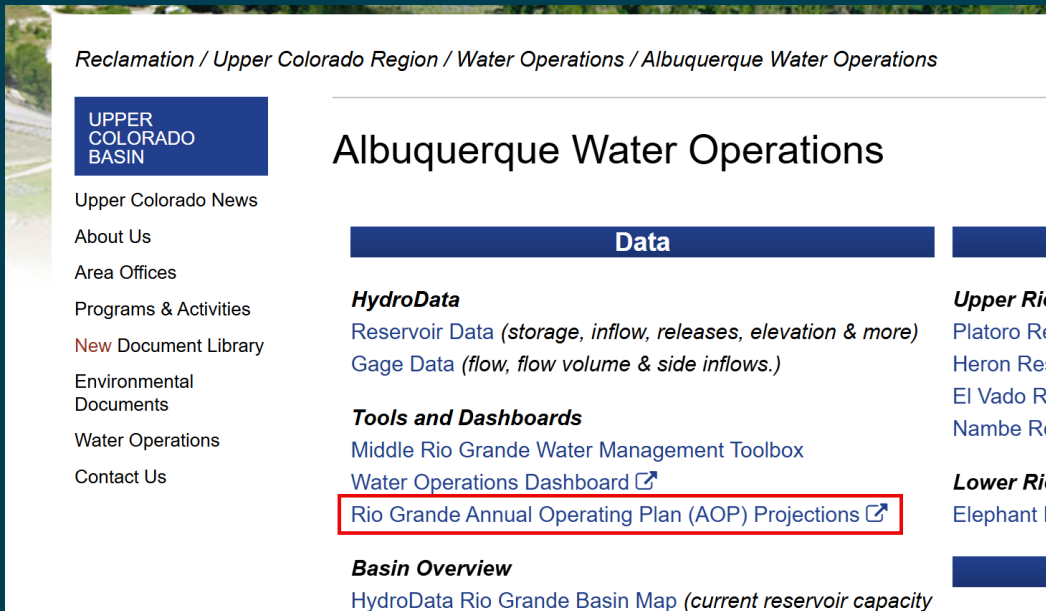
- Hot and dry conditions likely for remainder of winter and early spring, equal chances of precip during monsoon season.
- Between 20-80% SJC Allocation with 45% being the most likely
- All ESA water is released (between 7-12 KAF depending on SJC Allocation) with most likely scenario running out of water in August
- RG at Central snowmelt likely won't peak much over 1,000 cfs and it won't stay there long.
- Drying chances in Isleta reach likely sometime in June.
- Drying chances in San Acacia likely around late May/early June.
- Won't likely go back out of Article VII



AOP DASHBOARD

Can be found on the Reclamation AAO Webpage:

<https://www.usbr.gov/uc/albuq/water/index.html>



NOTE:

February AOP results are not there.

Will begin updating dashboard this year around mid-March with March AOP forecast