

Reservoir Storage & Release Update

SUMMARY/DISCUSSION:

The Board of Directors receives monthly updates on the status of Agency reservoirs.

RESERVOIR ELEVATION / STORAGE: As of December 4, 2024, San Antonio Reservoir has a water surface elevation of approximately 759.55 feet (NGVD 29), with 234,288 acre-feet of water in storage. Nacimiento Reservoir has a water surface elevation of approximately 764 feet, with 202,740 acre-feet of water in storage. San Antonio Reservoir is currently at 70% of storage capacity and Nacimiento Reservoir is at 54% of capacity.

RESERVOIR RELEASES: From October 10 to October 14, 2024, conservation releases were concluded over several steps of reductions, ending with minimum fisheries releases from both reservoirs. Minimum fisheries releases have continued since.

RECENT RAINFALL: Rainfall in late November produced a small amount of flow in the Nacimiento River above the reservoir, and a brief increase in reservoir storage of approximately 600 acre-feet.

SALINAS LAGOON: The lagoon opened to the ocean January 4, 2024, and closed on July 11, 2024.

Releases as of the morning of December 4, 2024:

- Nacimiento Reservoir: 66 cfs
- San Antonio Reservoir: 10 cfs

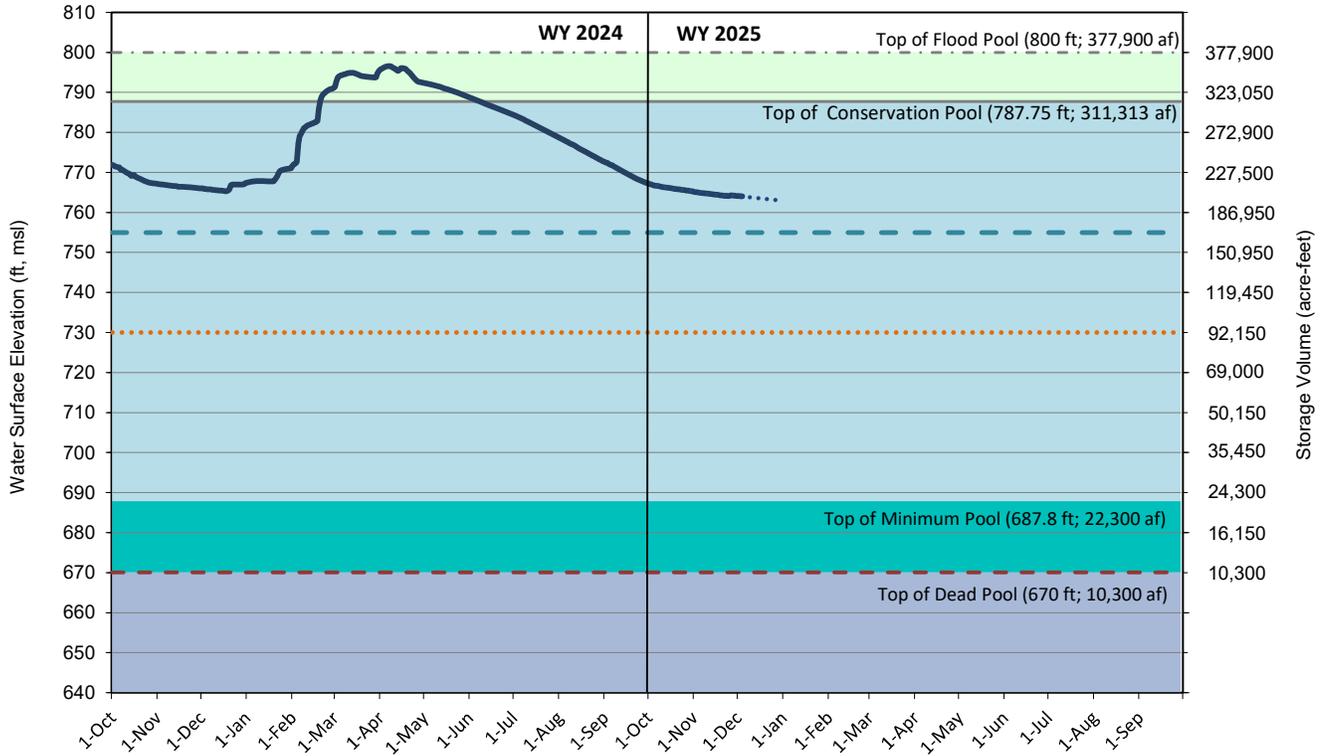
Total releases from both reservoirs to the Salinas River are approximately 76 cfs. The following “provisional” flows have been recorded by the USGS:

- Salinas River near Bradley: 79 cfs
- Salinas River at Soledad: 43 cfs
- Salinas River near Chualar: No flow
- Salinas River near Spreckels: No flow

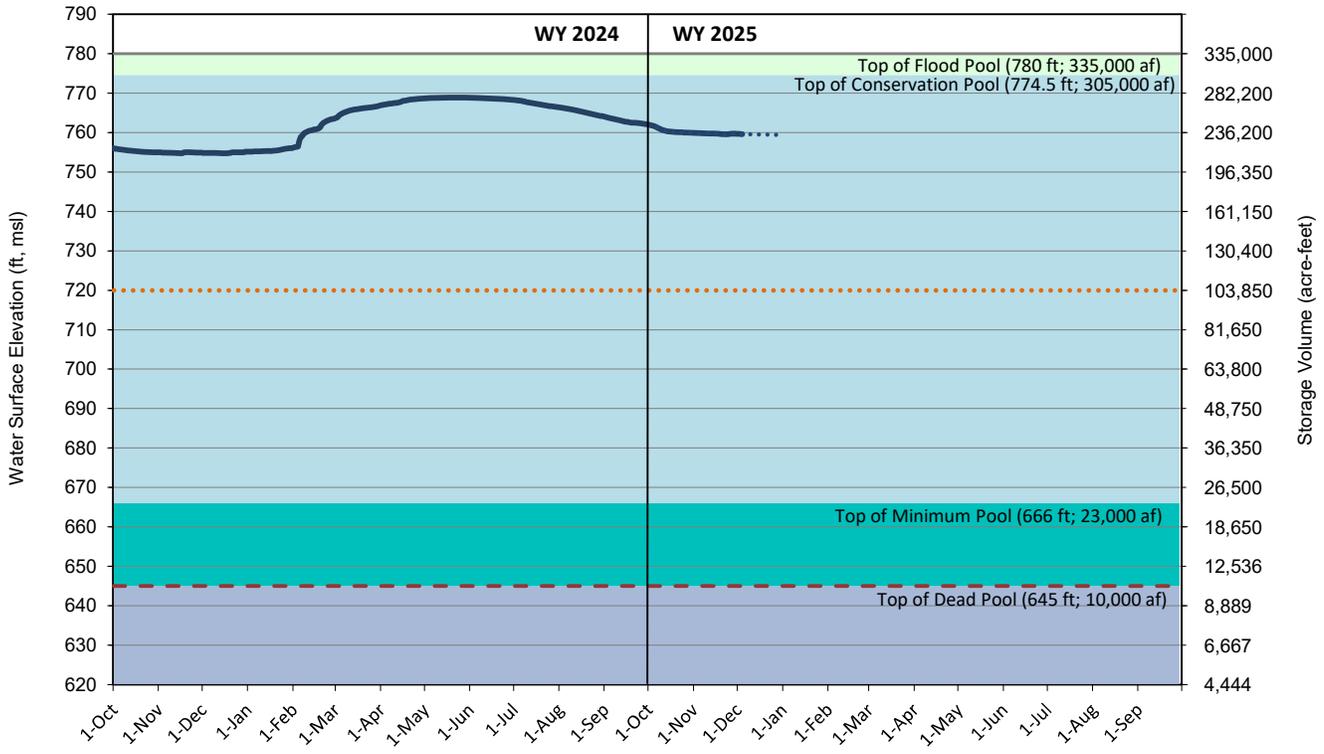
Prepared by: Joseph Klein, Hydrologist (831) 755-4860

Reservoir Elevation and Storage

Nacimiento Reservoir



San Antonio Reservoir



Synopsis of Reservoir Release Changes Since April 5, 2024

Date	San Antonio Reservoir		Nacimientio Reservoir		Total Releases
	Starting Flow	Ending Flow	Starting Flow	Ending Flow	
April 5, 2024	10	10	60	400	410
April 8, 2024	10	10	400	1000	1010
April 18, 2024	10	10	1000	1500	1510
April 26, 2024	10	10	1500	360	370
May 28, 2024	10	10	360	400	410
June 4, 2024	10	10	400	360	370
June 14, 2024	10	10	360	330	340
June 21, 2024	10	10	330	300	310
June 27, 2024	10	10	300	350	360
July 2, 2024	10	50	350	350	400
July 3, 2024	50	80	350	350	430
July 5, 2024	80	120	350	400	520
July 18, 2024	120	90	400	400	490
July 24, 2024	90	60	400	400	460
July 29, 2024	60	100	400	400	500
August 12, 2024	100	140	400	400	540
August 14, 2024	140	165	400	400	565
August 22, 2024	165	140	400	400	540
August 26, 2024	140	115	400	400	515
August 30, 2024	115	215	400	300	515
September 3, 2024	215	115	300	400	515
September 5, 2024	115	150	400	400	550
September 6, 2024	150	175	400	400	575
September 10, 2024	175	150	400	400	550
September 13, 2024	150	125	400	400	525
September 16, 2024	125	100	400	400	500
September 19, 2024	100	60	400	400	460
September 20, 2024	60	35	400	400	435
September 23, 2024	30	50	400	325	375
September 26, 2024	50	130	325	225	355
September 30, 2024	130	170	225	230	400
October 3, 2024	170	210	230	230	440
October 4, 2024	210	340	230	110	450
October 10, 2024	340	300	110	110	410
October 11, 2024	300	220	110	60	280
October 14, 2024	220	10	60	60	70

RESERVOIR RELEASE SCHEDULE FOR 2024

Month	1 2		3		4		5		6		7		8		9		10		11		12		13		14		15		16																	
																															NACIMIENTO										SAN ANTONIO					
																															Combined Releases (cfs) ¹	Combined Releases (ac-ft)	Evap. Losses (ac-ft)	Reservoir Releases (cfs) ¹	Reservoir Releases (ac-ft)	NWP Orders (ac-ft)	NWP Diversions (ac-ft)	Beginning of Month Storage		Elev. (ft)	Evap. Losses (ac-ft)	Reservoir Releases (cfs) ¹	Reservoir Releases (ac-ft)	Beginning of Month Storage		Elev. (ft)
(ac-ft)	(%)	(ac-ft)	(%)																																											
Jan	70	4,304	509	60	3,689	499	70	216,430	57%	767.4	592	10	615	215,750	64%	755.1																														
Feb	97	5,582	547	87	5,006	696	120	234,243	62%	771.6	604	10	575	219,960	66%	756.1																														
Mar	437	26,863	904	427	26,248	937	128	330,223	87%	791.4	1,026	10	615	252,000	75%	763.6																														
Apr	816	48,546	1,266	806	47,951	910	123	353,665	94%	795.7	1,091	10	595	267,230	80%	766.9																														
May	372	22,864	1,773	362	22,249	1,493	126	335,305	89%	792.3	1,549	10	615	275,380	82%	768.6																														
Jun	353	21,029	2,434	343	20,434	1,966	124	316,240	84%	788.7	2,259	10	595	276,100	82%	768.8																														
Jul	483	29,695	2,895	393	24,145	2,043	140	293,935	78%	784.3	2,885	90	5,549	273,220	82%	768.2																														
Aug	527	32,416	2,562	396	24,369	2,043	393	266,505	71%	778.7	2,710	131	8,047	264,410	79%	766.3																														
Sep	482	28,656	2,011	357	21,227	2,000	419	238,840	63%	772.6	2,225	125	7,428	253,350	76%	763.9																														
Oct	228	14,039	1,633	101	6,208	1,369	423	215,380	57%	767.2	1,626	127	7,831	244,460	73%	761.9																														
Nov	79	4,679	843	69	4,084	996	240	207,050	55%	765.1	847	10	595	235,563	70%	759.9																														
Dec	71	4,374	508	61	3,759	594		202,936	54%	764.1	526	10	615	234,500	70%	759.6																														
Jan 2025								198,558	53%	763.0				233,286	70%	759.3																														
Totals	243,046	17,886	17,886	209,370	15,546	2,307					17,941	33,675	33,675																																	

Draft Date: 12/4/24

Notes:

1. Mean daily flow for the month in cubic feet per second.
2. Shaded areas denote actual values. Non-shaded areas are projected values.
3. Nacimiento Reservoir storage capacity: 377,900 acre feet; San Antonio Reservoir storage capacity: 335,000 acre feet.
4. Reservoir Operations Advisory Committee may make release considerations for holiday periods to benefit recreation.
5. Schedule assumes no additional storm events that provide inflow to reservoirs. Actual elevations may be influenced by inflow.
6. "NWP Diversions" are San Luis Obispo County - Nacimiento Water Project conveyance facilities diversions. Max. allowable water year (Oct. 1 - Sept. 30) diversions: 15,750 ac-ft.
7. Nacimiento "NWP Diversions" do not include lakeside water use which is estimated at approximately 1,750 acre feet per year.
8. Schedule includes release of water from Nacimiento Reservoir beginning April 5 to ensure water level is below 787.75 feet in time for scheduled spillway maintenance.

