

## Reservoir Storage & Release Update

### SUMMARY/DISCUSSION:

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

**RESERVOIR ELEVATION / STORAGE:** As of June 20, 2024, San Antonio Reservoir has a water surface elevation of approximately 768.4 feet (NGVD 29), with 274,420 acre-feet of water in storage. Nacimiento Reservoir has a water surface elevation of approximately 785.85 feet, with 301,650 acre-feet of water in storage. San Antonio Reservoir is currently at 82% of storage capacity and Nacimiento Reservoir is at 80% of capacity.

**RESERVOIR RELEASES:** Several late season storm events in April and May brought inflow to the Nacimiento Reservoir requiring an extended period of maintenance releases to ensure meeting a target elevation of 787.75 feet, required for scheduled spillway maintenance which began in early June. The Salinas River Diversion Facility (SRDF) has been rediverting flows since May 10 to supplement the recycled water project deliveries in the Castroville Seawater Intrusion Project (CSIP). After reaching the target elevation of 787.75 feet on June 8, 2024, releases have been reduced to more closely target needs downstream.

**SALINAS LAGOON:** The lagoon has remained open to the ocean since this January 4.

Releases as of June 20, 2024:

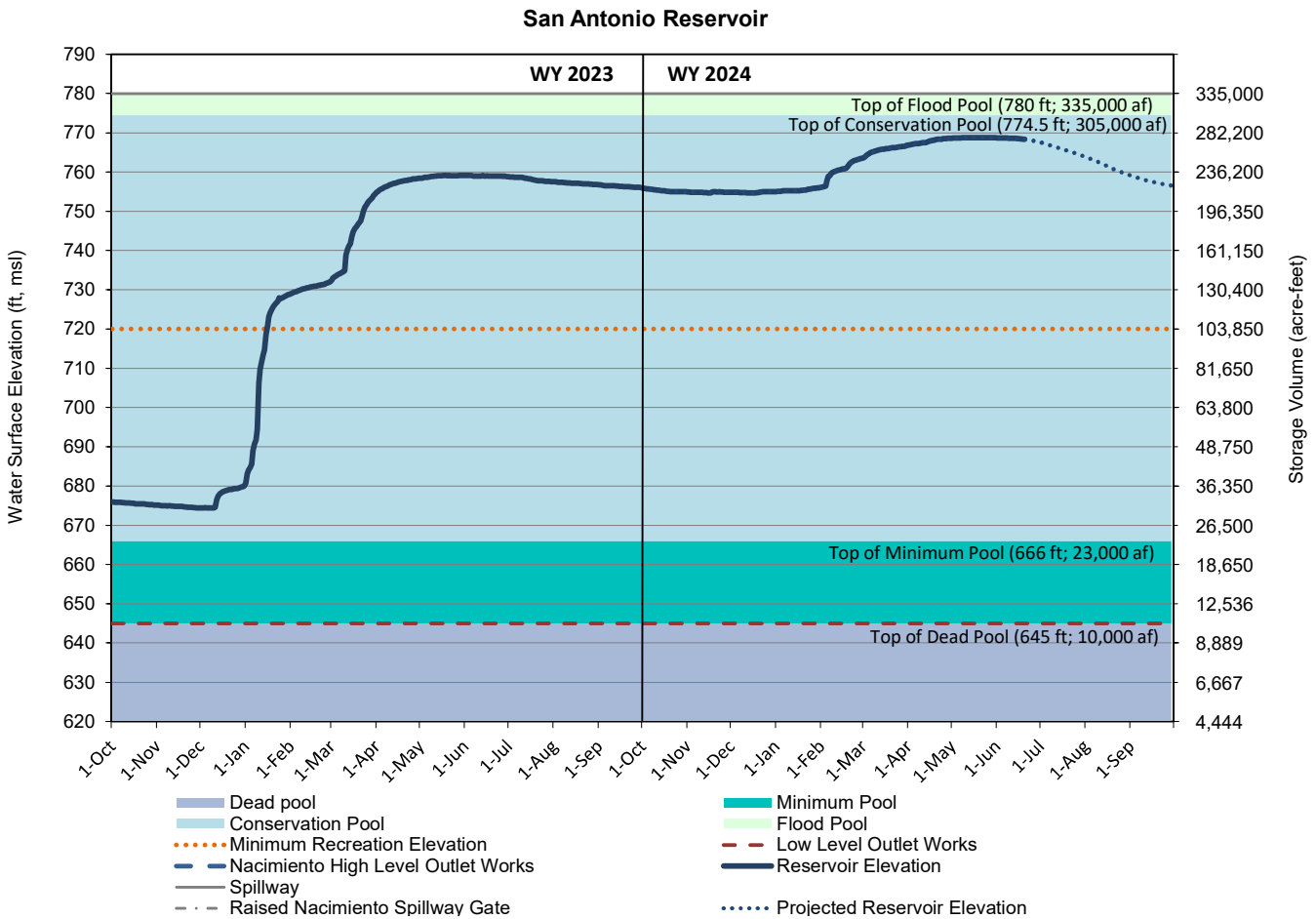
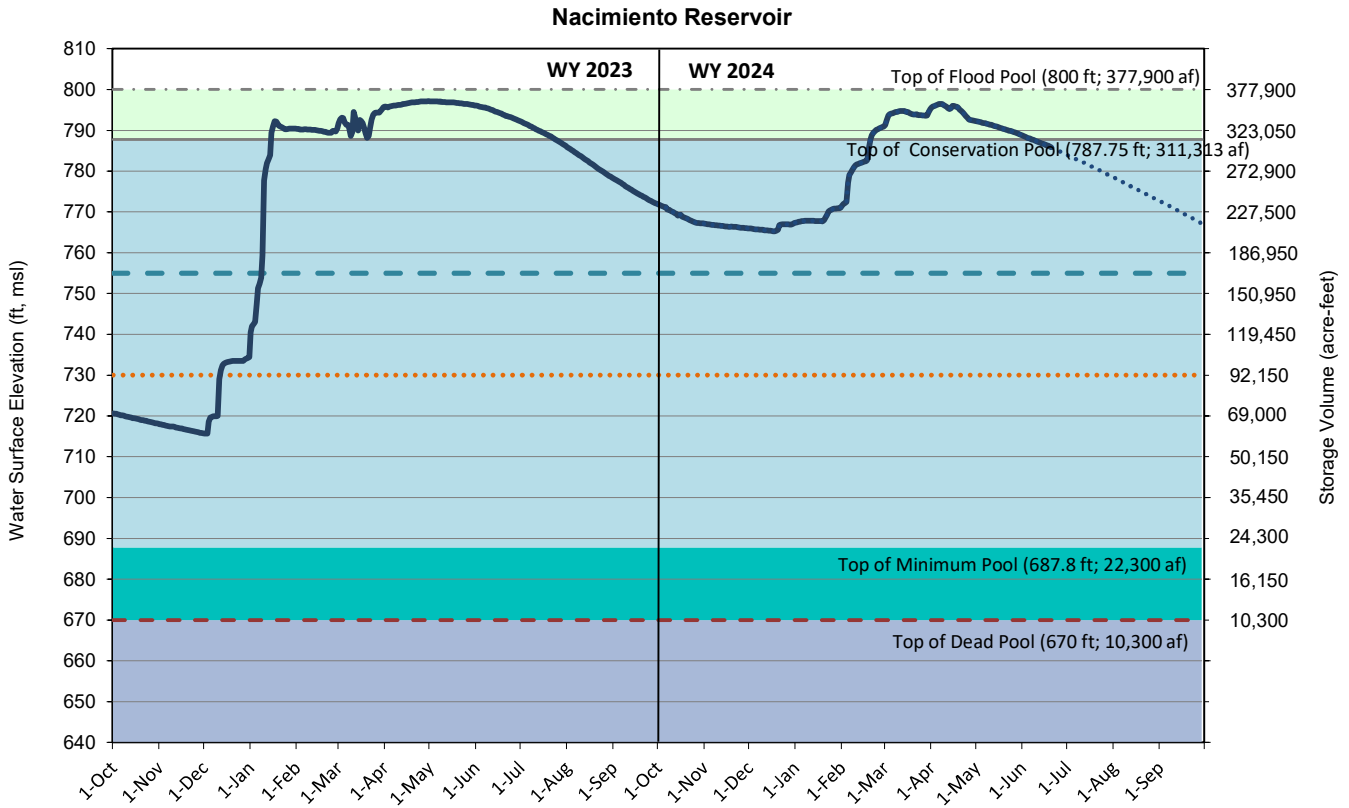
- Nacimiento Reservoir: 330 cfs
- San Antonio Reservoir: 10 cfs

Total releases from both reservoirs to the Salinas River are approximately 340 cfs. The following “provisional” flows have been recorded by the USGS:

- Salinas River near Bradley: 276 cfs
- Salinas River at Soledad: 227 cfs
- Salinas River near Chualar: 124 cfs
- Salinas River near Spreckels: 93 cfs

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# Reservoir Elevation and Storage



- Dead pool
- Conservation Pool
- Minimum Pool
- Flood Pool
- Minimum Recreation Elevation
- Nacimientio High Level Outlet Works
- Low Level Outlet Works
- Spillway
- Raised Nacimientio Spillway Gate
- Reservoir Elevation
- Projected Reservoir Elevation

## 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) <sup>1</sup>	Combined Releases (ac-ft)	Evap. Losses (ac-ft)	Reservoir Releases (cfs) <sup>1</sup>	Reservoir Releases (ac-ft)	NWP Orders (ac-ft)	NWP Diversions (ac-ft)	Beginning of Month Storage		Evap. Losses (ac-ft)	Reservoir Releases (cfs) <sup>1</sup>	Reservoir Releases (ac-ft)	Beginning of Month Storage	
							(ac-ft)	(%)	(ft)				(ac-ft)	(%)	(ft)	
Jan	70	4,304	509	60	3,689	499	70	<b>216,430</b>	57%	<b>767.4</b>	592	10	615	<b>215,750</b>	64%	<b>755.1</b>
Feb	97	5,582	546	87	5,006	696	120	<b>234,025</b>	62%	<b>771.5</b>	573	10	575	<b>219,960</b>	66%	<b>756.1</b>
Mar	441	27,120	904	430	26,426	937	128	<b>329,688</b>	87%	<b>791.3</b>	904	11	694	<b>252,000</b>	75%	<b>763.6</b>
Apr	816	48,546	1,702	806	47,951	910	123	<b>353,120</b>	93%	<b>795.6</b>	1,311	10	595	<b>267,230</b>	80%	<b>766.9</b>
May	372	22,864	2,419	362	22,249	1,493	126	<b>334,770</b>	89%	<b>792.2</b>	1,913	10	615	<b>275,380</b>	82%	<b>768.6</b>
Jun	407	24,238	3,235	355	21,144	1,966		<b>316,240</b>	84%	<b>788.7</b>	2,683	52	3,094	<b>275,860</b>	82%	<b>768.7</b>
Jul	574	35,306	3,312	340	20,926	2,043		<b>292,084</b>	77%	<b>783.9</b>	2,862	234	14,380	<b>270,393</b>	81%	<b>767.6</b>
Aug	647	39,769	3,014	348	21,422	2,043		<b>265,804</b>	70%	<b>778.5</b>	2,630	298	18,347	<b>252,952</b>	76%	<b>763.8</b>
Sep	502	29,852	2,366	345	20,529	2,000		<b>239,426</b>	63%	<b>772.7</b>	2,162	157	9,322	<b>231,975</b>	69%	<b>759.0</b>
Oct	276	16,959	1,601	266	16,344	1,535		<b>214,433</b>	57%	<b>766.9</b>	1,524	10	615	<b>220,966</b>	66%	<b>756.3</b>
Nov	70	4,165	815	60	3,570	1,122		<b>195,529</b>	52%	<b>762.2</b>	797	10	595	<b>218,822</b>	65%	<b>755.8</b>
Dec	70	4,304	491	60	3,689	503		<b>190,022</b>	50%	<b>760.8</b>	494	10	615	<b>217,427</b>	65%	<b>755.5</b>
Jan 2025								<b>185,474</b>	49%	<b>759.6</b>				<b>216,336</b>	65%	<b>755.2</b>
<b>Totals</b>	<b>263,010</b>	<b>20,914</b>	<b>20,914</b>		<b>212,947</b>	<b>15,747</b>	<b>567</b>				<b>18,444</b>		<b>50,064</b>			

Draft Date: 6/20/24

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.



