

**MONTEREY COUNTY WATER RESOURCES AGENCY  
BOARD OF DIRECTORS  
RESERVOIR OPERATIONS ADVISORY COMMITTEE**

**COMMITTEE MEMBERS**

Richard Ortiz, Chair  
Ken Ekelund  
Glen Dupree  
Mike Scattini  
John Baillie  
Benny Jefferson  
Jon Anthony

Eric Morgan  
Bill Lipe  
Mark Sandoval  
Jill Ogren  
Don Bullard  
Kevin Piearcy  
Matthew Simis

**TIME:** 1:30 p.m.  
**DATE:** Thursday, March 29, 2018  
**PLACE:** Monterey County Water Resources Agency  
Saffron Conference Room (1<sup>st</sup> Floor)  
1441 Schilling Place, South Building  
Salinas, CA 93901

**AGENDA**

- 1. Call to Order**
- 2. Public Comment**  
*(Limited to three (3) minutes per speaker on matters within the jurisdiction of the Agency not listed on this agenda. The public will have the opportunity to ask questions and make statements on agenda items as the Committee considers them.)*
- 3. Approve the Minutes of the Reservoir Operations Advisory Committee Meeting held on February 22, 2018**  
The Committee will consider approval of the minutes of the above-mentioned meetings (Attachment 1).
- 4. Review the status of both reservoirs and current releases**  
Staff will present a summary of current conditions at both reservoirs, as well as provide a synopsis of release changes that have occurred since the last meeting (Attachments 2, 2a, and 3).

5. **Consider recommending that the Monterey County Water Resources Agency Board of Directors adopts a release schedule for Nacimiento and San Antonio reservoirs for 2018**  
The proposed reservoir release schedule (Attachment 4) for the 2018 release season will be discussed and evaluated. The Committee will review the schedule and develop a motion for the Agency Board of Directors.
6. **Consider forming an Ad Hoc Committee to update the Operation Policy Manual for San Antonio Dam**  
The Committee will discuss the formation and the membership of an Ad Hoc Committee to draft an update of the Operation Policy Manual for San Antonio Dam.
7. **Report regarding Operations and Maintenance activities at the Reservoirs**  
Staff will present a verbal report discussing the Operations and Maintenance activities at both reservoirs over the last month.
8. **Report regarding Interlake Tunnel Project**  
Staff will report on current activities regarding the Interlake Tunnel Project.
9. **Status reports on:**
  - A. **Lake recreation by Concessionaire and Parks Department**
  - B. **Easements and Agency Leases**
  - C. **Quagga / Zebra Mussel Plan**
  - D. **San Luis Obispo County Activities**
  - E. **National Marine Fisheries Service**
10. **Set next meeting date and discuss future Agenda items**  
The Committee will discuss and determine details for its next meeting.
11. **Adjournment**

**MONTEREY COUNTY WATER RESOURCES AGENCY  
BOARD OF DIRECTORS  
RESERVOIR OPERATIONS ADVISORY COMMITTEE**

Richard Ortiz, Chair  
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Mark Sandoval  
Jill Ogren  
Don Bullard  
Matthew Simis

**TIME:** 1:30 p.m.  
**DATE:** Thursday, February 22, 2018  
**PLACE:** 1441 Schilling Place, Saffron Room  
Salinas, CA 93901

**MINUTES**

**1. Call to Order at 1:30 p.m.**

**Roll Call:**

**Members present:** Ortiz, Ekelund, Dupree, Morgan, Merkel (for Sandoval), Tallone (for Jill Ogren), Bullard, Pearcey, Simis

**Members absent:** Scattini, Baillie, Jefferson, Anthony, Lipe

**2. Public Comments: None**

**3. Approve the Minutes of the Reservoir Operations Advisory Committee Meeting held on November 30, 2017 and January 25, 2017.**

**Committee Action:** Upon Motion by Director Dupree and Second by Director Ekelund, the Committee approved the Minutes of the Reservoir Operations Advisory Committee Meeting held on November 30, 2017 and January 25, 2017 with Director Dupree noting a correction to be made to Item 3 of the January 25, 2017 Minutes: Approve the Minutes of the Reservoir Operations Advisory Committee Meeting held on November 2, 30, 2017.

**4. Review the status of both reservoirs and current releases**

Jason Demers, Hydrologist, reported on this item.

**Committee Action:** Upon Motion by Director Ekelund and Second by Director Dupree, the Committee received the review of the status of both reservoirs and current releases.

5. **Report regarding release schedule and winter releases**  
German Criollo, Associate Hydrologist, reported on this item.

**Committee Action: Upon Motion by Director Dupree and Second by Director Ortiz, the Committee received the Report regarding release schedule and winter releases.**

6. **Status of the Operation Policy Manual for Nacimiento Dam**  
German Criollo, Associate Hydrologist, reported on this item.
7. **Report regarding Operations and Maintenance activities at the Reservoirs**  
Brent Buche, Dputy General Manager, reported on this item.
8. **Report regarding Interlake Tunnel Project**  
David Chardavoyne, General Manager, reported on this item.

**Public Comment: Nancy Isakson**

9. **Status reports on:**
  - a. **Lake recreation by Concessionaire and Parks Department**  
Nate Merkel reported on this item.
  - b. **Easements and Agency Leases**  
Brent Buche reported on this item.
  - c. **Quagga / Zebra Mussel Plan**  
Elizabeth Krafft and Mathew Tallone reported on this item.
  - d. **San Luis Obispo County Activities**  
Matthew Tallone reported on this item.
  - e. **National Marine Fisheries Service**  
No report on this item.

10. **Set next meeting date and discuss future Agenda items**  
The next meeting is scheduled for March 29, 2018 at 1:30 p.m. Items to be discussed will include: Ad Hoc Committee for San Antonio Dam Operations Policy Manual and impact of Wildflower Festival on the Reservoir.

**Adjournment at 3:10 p.m.**

Submitted by: Alice Henault

**AMONTEREY COUNTY WATER RESOURCES AGENCY  
BOARD OF DIRECTORS – RESERVOIR OPERATIONS ADVISORY COMMITTEE**

<b>MEETING DATE:</b>	March 29, 2018	<b>AGENDA ITEM:</b>
<b>Consent ( )                      Action ( )                      Information ( X )</b>		
<b>DEADLINE FOR BOARD ACTION:</b>	March 29, 2018	

**..Title**

Reservoir Release Update

**..Report**

RECOMMENDATION:

None – item presented for informational purposes.

SUMMARY/DISCUSSION:

The Reservoir Operations Advisory Committee receives monthly updates on the status of Agency reservoirs.

**RESERVOIR ELEVATION / STORAGE:** As of March 22, 2018 San Antonio Reservoir is at an elevation of approximately 721.6 feet mean sea level (msl), 107,800 acre-feet of storage. Nacimiento Reservoir is at elevation 760.1 feet msl, 187,340 acre-feet of storage. San Antonio Reservoir is currently at 32% of storage capacity and Nacimiento Reservoir is at 50% of capacity.

The Salinas River mouth is currently closed to the ocean.

**RESERVOIR RELEASES:** The Agency started making conservation releases from both reservoirs on March 19, 2018. Releases were incrementally increased to approximately 360 cfs from Nacimiento and 400 cfs from San Antonio by March 20<sup>th</sup>. In response to increasing confidence in the timing and magnitude of a forecasted rainfall event, Agency staff began decreasing reservoir releases on the afternoon of March 20<sup>th</sup> with the goal of reaching minimum fisheries release rates of 60 cfs from Nacimiento Reservoir and 10 cfs from San Antonio Reservoir on March 22<sup>nd</sup>.

Minor fluctuations in release rates are not presented in this report but are documented in the Salinas Valley Water Project Annual Flow Reports.

Releases as of 11:00 am, March 22, 2018:

- Nacimiento Reservoir: 128 cfs
- San Antonio Reservoir: 10 cfs

Total releases from both reservoirs to the Salinas River are approximately 180 cfs. The following “provisional” flows have been recorded by the USGS:

- Salinas River near Spreckels: 0 cfs
- Salinas River near Chualar: 0 cfs

- Salinas River at Soledad: 0 cfs
- Salinas River near Bradley: 261 cfs (increasing)

OTHER AGENCY INVOLVEMENT:

None

FINANCING:

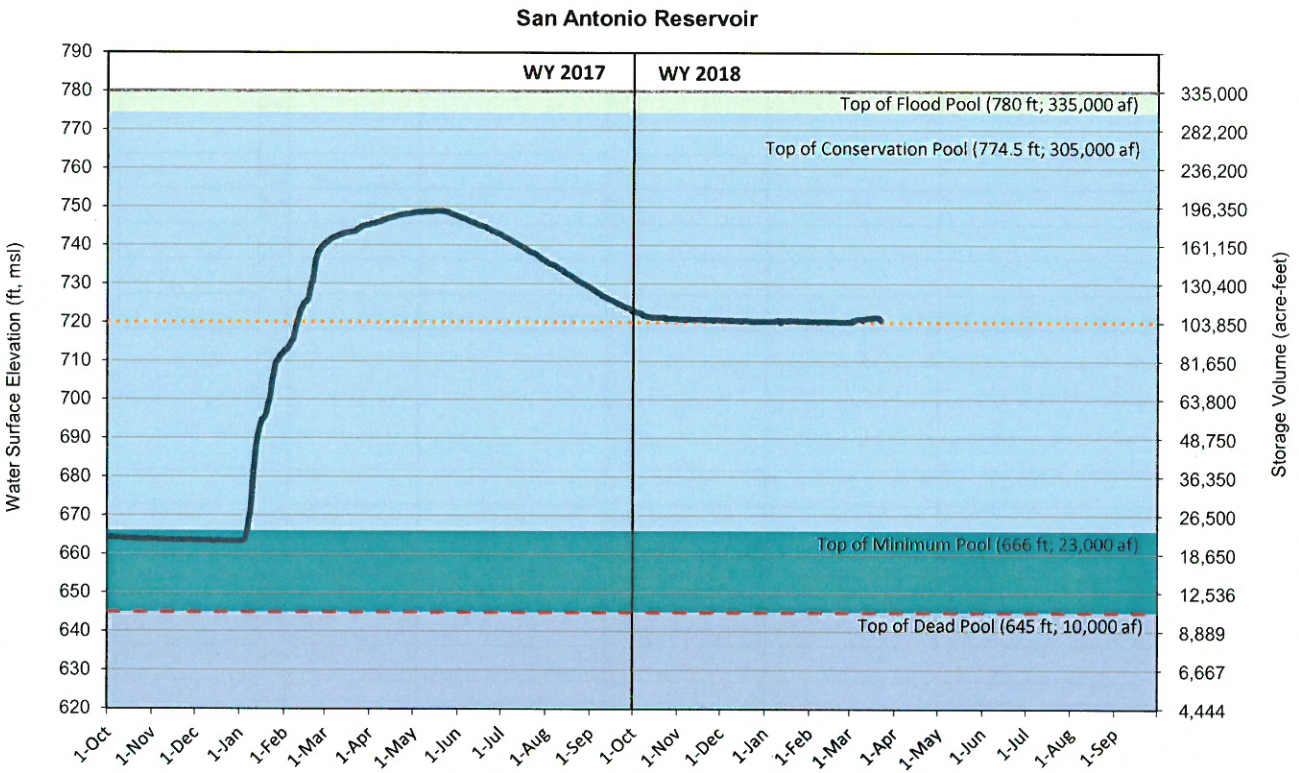
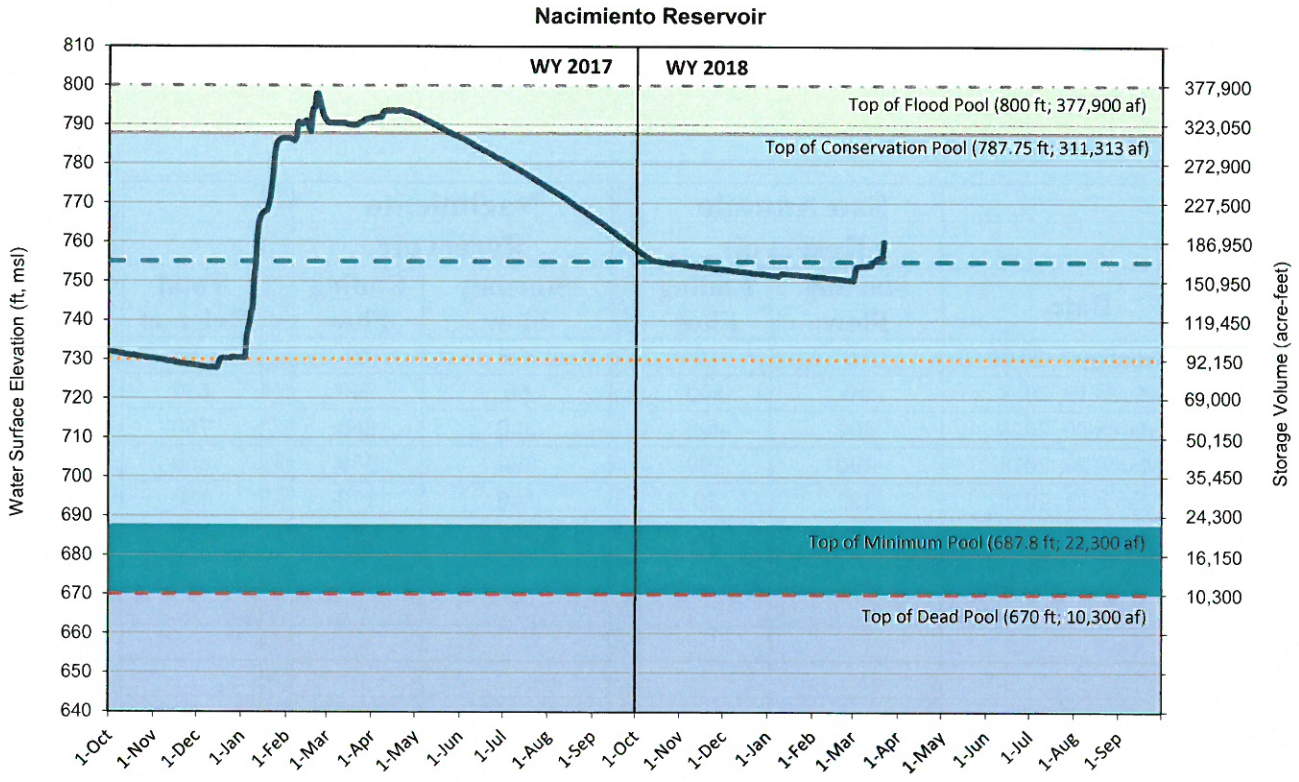
None

Prepared by: Germán Criollo, Associate Hydrologist, (831) 755-4860  
Jason Demers, Hydrologist, (831) 755-4860





# Reservoir Elevation and Storage





**MONTEREY COUNTY WATER RESOURCES AGENCY**  
**Preliminary - Estimated Elevation/Storage/NWP Diversions after March 1st**

3/22/2018

RESERVOIR RELEASE SCHEDULE FOR 2018													
NACIMIENTO						SAN ANTONIO							
Combined Releases (cfs)*	Combined Releases (ac-ft)	Evap. Losses (ac-ft)**	Reservoir Releases (cfs)*	Reservoir Releases (ac-ft)	NWP Orders (ac-ft)	NWP Diversions (ac-ft)	Storage (ac-ft)	Elev. (ft)	Evap. Losses (ac-ft)**	Reservoir Releases (cfs)*	Reservoir Releases (ac-ft)	Storage (ac-ft)	Elev. (ft)
70	4,304	387	60	3,689	484	275	156,988	751.8	283	10	615	104,585	720.3
70	3,888	381	60	3,332	701	345	155,435	751.3	284	10	555	104,708	720.4
120	7,381	754	91	5,613	972		151,985	750.3	540	29	1,767	104,095	720.1
399	23,752	1,081	342	20,331	947		184,948	759.5	789	58	3,422	107,393	721.4
560	34,414	1,603	400	24,595	1,661		162,516	753.3	1,172	160	9,818	103,174	719.7
693	41,257	2,210	400	23,802	2,199		134,710	745.0	1,586	293	17,455	92,239	715.0
764	46,959	2,378	345	21,223	2,235		106,814	735.6	1,704	419	25,736	73,470	705.7
695	42,764	2,293	361	22,176	1,985		81,576	725.6	1,578	335	20,589	46,652	688.5
70	4,165	1,917	60	3,570	1,899		56,030	713.3	1,302	10	595	25,372	668.7
70	4,304	1,381	60	3,689	1,674		49,592	709.7	917	10	615	24,334	667.5
70	4,165	719	60	3,570	1,024		43,594	705.8	490	10	595	23,416	666.3
70	4,304	455	60	3,689	450		38,700	702.4	311	10	615	22,663	665.4
<b>TOTALS:</b>	<b>221,658</b>	<b>15,560</b>	<b>139,281</b>	<b>16,231</b>	<b>620</b>		<b>10,956</b>	<b>699.1</b>	<b>82,377</b>	<b>21,950</b>	<b>664.5</b>		

\* Mean daily flow for the month in cubic feet per second.

\*\* Future Evap. Losses estimated from long term pan evaporation data at Nacimiento and San Antonio Reservoirs and replaced with calculated values once available.

1. Nacimiento Reservoir storage capacity 377,900 acre feet.

2. San Antonio Reservoir storage capacity 335,000 acre feet.

3. Reservoir Operations Committee may make release considerations for fish spawn and holiday periods to benefit recreation.

4. Shaded areas represent periods when elevations could be influenced by inflow/runoff; releases may include flood control releases.

5. Preliminary Schedule assumes no inflow to reservoirs after June 1st.

6. "NWP Diversions" are San Luis Obispo County - Nacimiento Water Project conveyance facilities diversions. Max. allowable diversions for water year (Oct. 1 - Sept. 30) are 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.

**NOTES:**

