

Summary of 12/16/15 Stanislaus Operation Group Meeting 1-3pm

Participants

Reclamation: Amanda Bahls, Carolyn Bragg, Kristin White, Peggy Manza, Janice Pinero, Michelle Palmer

DWR: Mike Ford

SWRCB: Chris Carr, Larry Lindsay, Michael George, Christine Rico

Operations

- Reclamation is currently meeting the 200 cfs required flow at Goodwin. 200 cfs is the required baseflow through mid-April, with the exception of two small winter instability flows.
- Current New Melones elevation is 800' (273 TAF). This is 11% of capacity and 20% of the historical average for this time. Recent rains have resulted in a slight increase of storage.
- There are no plans to increase releases through the end of December.
- Tim O'Laughlin has told Reclamation that the Irrigation Districts will be continuing to release base flows through March 1, 2016. It is unclear whether or not this commitment includes additional releases for the winter instability flows.

Temperatures

- Under the current Temperature Management Plan, temperatures target 56°F Seven Day Average Daily Maximum (7DADM) at Orange Blossom Bridge from November 25th through the end of December, but the plan submitted to the State Water Board acknowledges that these are targets that may not be met.
- As of December 15th, water temperatures at OBB had not gone above 56°F (though the maximum did reach 56.0°F on the 9th). Temperatures upstream at the USGS Goodwin gauge have been slightly warmer indicating that ambient temperatures are helping to cool the water.

Winter Instability Flows

- The Winter Instability Flows are a part of the 2-E flow schedule. In critical years, the pulse is scheduled for January 3rd and 4th and February 5th and 6th. On these days, a pulse flow of 200 cfs would be added to the baseflow of 200 cfs for a total of 400 cfs being released. The total amount of pulse water released for these events is just under 1.6 TAF.
- Given the recent, regular storm events and the low storage in the reservoir, Reclamation's Central Valley Operations Office (CVO) recommends covering the intent of these instability flows with the additional flow created from large natural storm events.
- Advice emailed to the group prior to the SOG meeting recommended targeting the latter half of January for the first instability flow. There was no objection from the group (at the meeting nor through email) on delaying the winter instability flows.

- The e-mailed advice also recommends following the 2015 advice that the instability flows be released to coincide with a natural storm event or that the flows be reshaped to mimic a natural rain event with a higher peak flow shaped with a more rapidly rising limb and a more slowly descending limb. There was also no objection to this advice.
- Since no one from the fisheries agencies was available for this discussion, Reclamation will reach out to NMFS to get concurrence on delaying the instability flows from their scheduled January 3rd and 4th dates.
- The group will be kept informed via email.

Fish and Restoration

- The California Department of Fish & Wildlife (CDFW) and the National Marine Fisheries Service (NMFS) were both unavailable to provide an update to the group.
- The most recent information available to the group is Fishbio's December 4th Stanislaus weir count that reported a net passage of 10,269 fall-run Chinook.

Update on Stanislaus River Forum

- Peter Drekmeier (of the Tuolumne River Trust) provided information on the Chinook counts at the Tuolumne (approximately 350 Chinook) and the Merced (approximately 800 Chinook). This suggests heavy straying.
- Peter also provided information on the fall pulses on the other tributaries. The Merced had a small pulse in the fall. There was a small push to get a pulse on the Tuolumne, but it was unsuccessful.

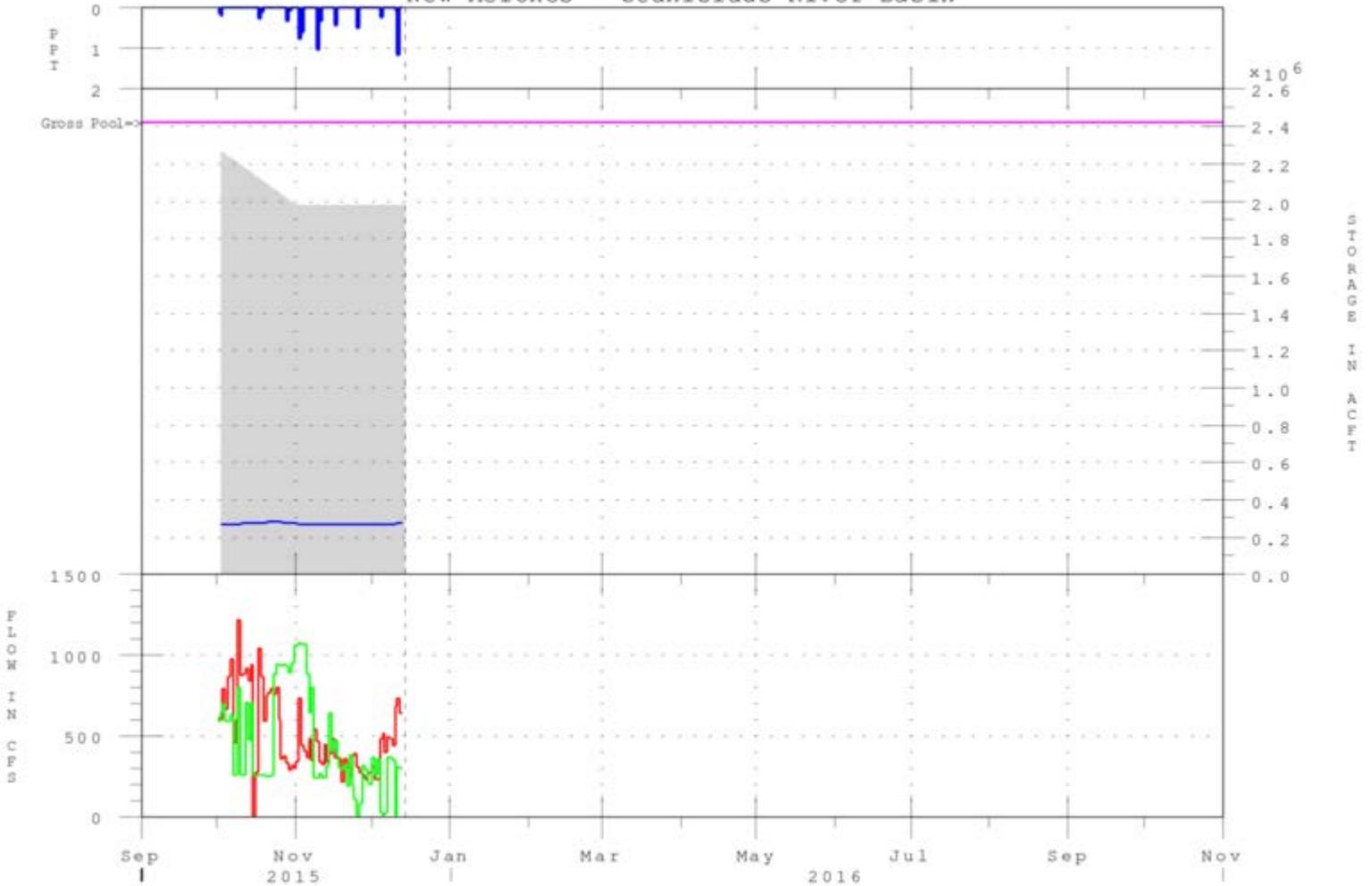
Drought Planning

- The State Water Resources Control Board has passed an Order to address actions needed for the next year if conditions remain dry. This plan requires significant coordination and outreach as well as extensive planning and reporting.

Next Steps

- Next SOG meeting is January 20th at 1:00 pm at the Central Valley Office.

New Melones - Stanislaus River Basin



- Inflow
- Outflow
- Top of Conservation Pool
- Reservoir Storage
- Precipitation

UNITED STATES DEPARTMENT OF THE INTERIOR
U.S. BUREAU OF RECLAMATION-CENTRAL VALLEY PROJECT-CALIFORNIA

DECEMBER 2015

NEW MELONES LAKE DAILY OPERATIONS

RUN DATE: December 13, 2015

DAY	ELEV	STORAGE		COMPUTED* INFLOW C.F.S.	RELEASE - C.F.S.			EVAPORATION		PRECIP INCHES
		1000 ACRE-FEET IN LAKE	CHANGE		POWER	SPILL	OUTLET	C.F.S.	INCHES	
		267.3								
1	798.25	267.1	-0.1	306	367	0	0	4	.04	.00
2	798.23	267.1	-0.1	231	256	0	0	7	.07	.00
3	798.15	266.8	-0.3	235	361	0	0	4	.04	.00
4	798.43	267.7	+0.9	483	21	0	0	8	.08	.26
5	798.74	268.7	+1.0	517	9	0	0	5	.05	.00
6	798.97	269.4	+0.7	403	25	0	0	5	.05	.01
7	799.04	269.7	+0.2	489	368	0	0	7	.07	.00
8	799.11	269.9	+0.2	486	366	0	0	6	.06	.00
9	799.16	270.1	+0.2	441	354	0	0	5	.05	.00
10	799.57	271.4	+1.3	682	9	0	0	3	.03	.11
11	799.83	272.2	+0.8	730	305	0	0	0	.00	1.19
12	800.03	272.9	+0.6	645	304	0	0	14	.13	.00
TOTALS			+5.4	5,648	2,745	0	0	68	.67	1.57
ACRE-FEET			+5,400	11,203	5,445	0	0	135		

COMMENTS:

* COMPUTED INFLOW IS THE SUM OF CHANGE IN STORAGE, RELEASES AND EVAPORATION.

SUMMARY

	RELEASE (ACRE-FEET)			PRECIPITATION	
POWER	5,445	OUTLET	0	THIS MONTH =	1.57
SPILL	0	TOTAL	5,445	JULY 1, 2015 TO DATE =	6.75

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DECEMBER 2015

TULLOCH RESERVOIR DAILY OPERATIONS

RUN DATE: 12/13/2015

DAY	ELEV	STORAGE		COMPUTED* INFLOW C.F.S.	NEW MELONES RELEASE	POWER	RELEASE - C.F.S.		EVAP C.F.S. (1)
		ACRE-FEET RES.	CHANGE				SPILL	OUTLET	
		54,289							
1	499.35	54,609	+320	363	367	201	0	0	1
2	499.41	54,673	+64	256	256	222	0	0	2
3	499.68	54,962	+289	367	361	220	0	0	1
4	499.30	54,556	-406	17	21	219	0	0	3
5	498.89	54,120	-436	0	9	218	0	0	2
6	498.51	53,721	-399	20	25	219	0	0	2
7	498.79	54,015	+294	367	368	217	0	0	2
8	499.05	54,289	+274	359	366	219	0	0	2
9	499.30	54,556	+267	357	354	220	0	0	2
10	498.92	54,152	-404	17	9	220	0	0	1
11	499.16	54,407	+255	349	305	220	0	0	0
12	499.32	54,577	+170	311	304	221	0	0	4
TOTALS			+288	2,783	2,745	2,616	0	0	22
ACRE-FEET			+288	5,520	5,445	5,189	0	0	44

*COMPUTED INFLOW IS SUM OF CHANGE IN STORAGE, RELEASES, AND EVAPORATION.

SUMMARY
RELEASE (ACRE-FEET)

POWER	5,189	OUTLET	0
SPILL	0	TOTAL	5,189

OAKDALE IRRIGATION DISTRICT
 SOUTH SAN JOAQUIN IRRIGATION DISTRICT
 TRI DAMS PROJECT-CALIFORNIA

DECEMBER 2015

GOODWIN RESERVOIR DAILY OPERATIONS

RUN DATE: December 13, 2015

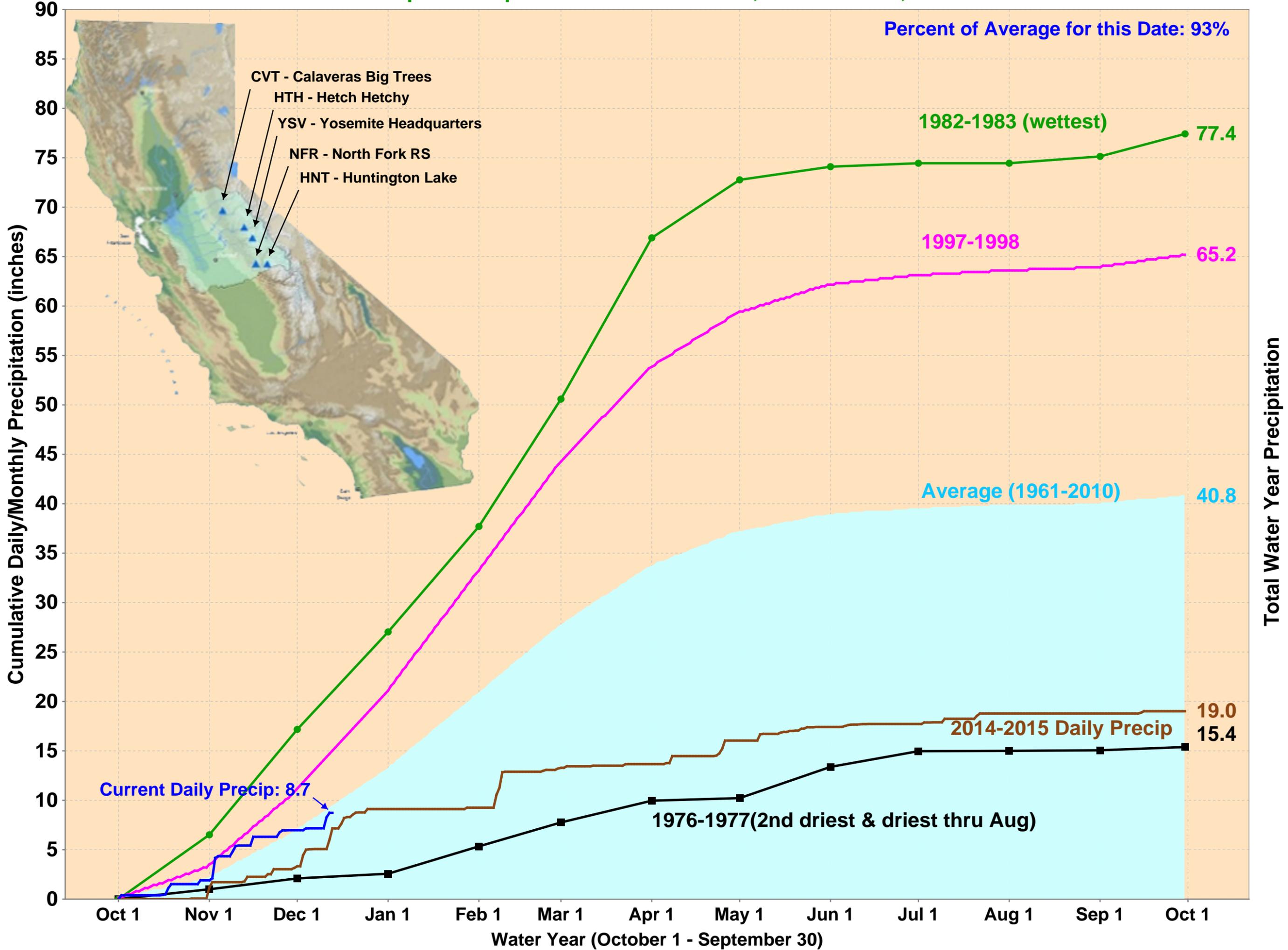
DAY	ELEV	STORAGE		TULLOCH	RIVER		RELEASE - C.F.S.	
		ACRE-FEET	CHANGE		RELEASE	OUTLET	SPILL	JOINT
		RES.					MAIN	MAIN
		525						
1	359.81	524	-1	201	0	203	0	0
2	359.83	525	+1	222	0	203	0	0
3	359.83	525	+0	220	0	203	0	0
4	359.83	525	+0	219	0	202	0	0
5	359.83	525	+0	218	0	201	0	0
6	359.83	525	+0	219	0	202	0	0
7	359.83	525	+0	217	0	201	0	0
8	359.83	525	+0	219	0	203	0	0
9	359.83	525	+0	220	0	203	0	0
10	359.83	525	+0	220	0	205	0	0
11	359.83	525	+0	220	0	213	0	0
12	359.83	525	+0	221	0	208	0	0
TOTALS			+0	2,616	0	2,447	0	0
ACRE-FEET			+0	5,189	0	4,854	0	0

JOINT MAIN OPERATED BY SSJID AND OID.
 SOUTH MAIN OPERATED BY OID.

SUMMARY
 RELEASE (ACRE-FEET)

JOINT MAIN CANAL	0	OUTLET	0
SOUTH MAIN CANAL	0	SPILL	4,854
		TOTAL	4,854

San Joaquin Precipitation: 5-Station Index, December 13, 2015

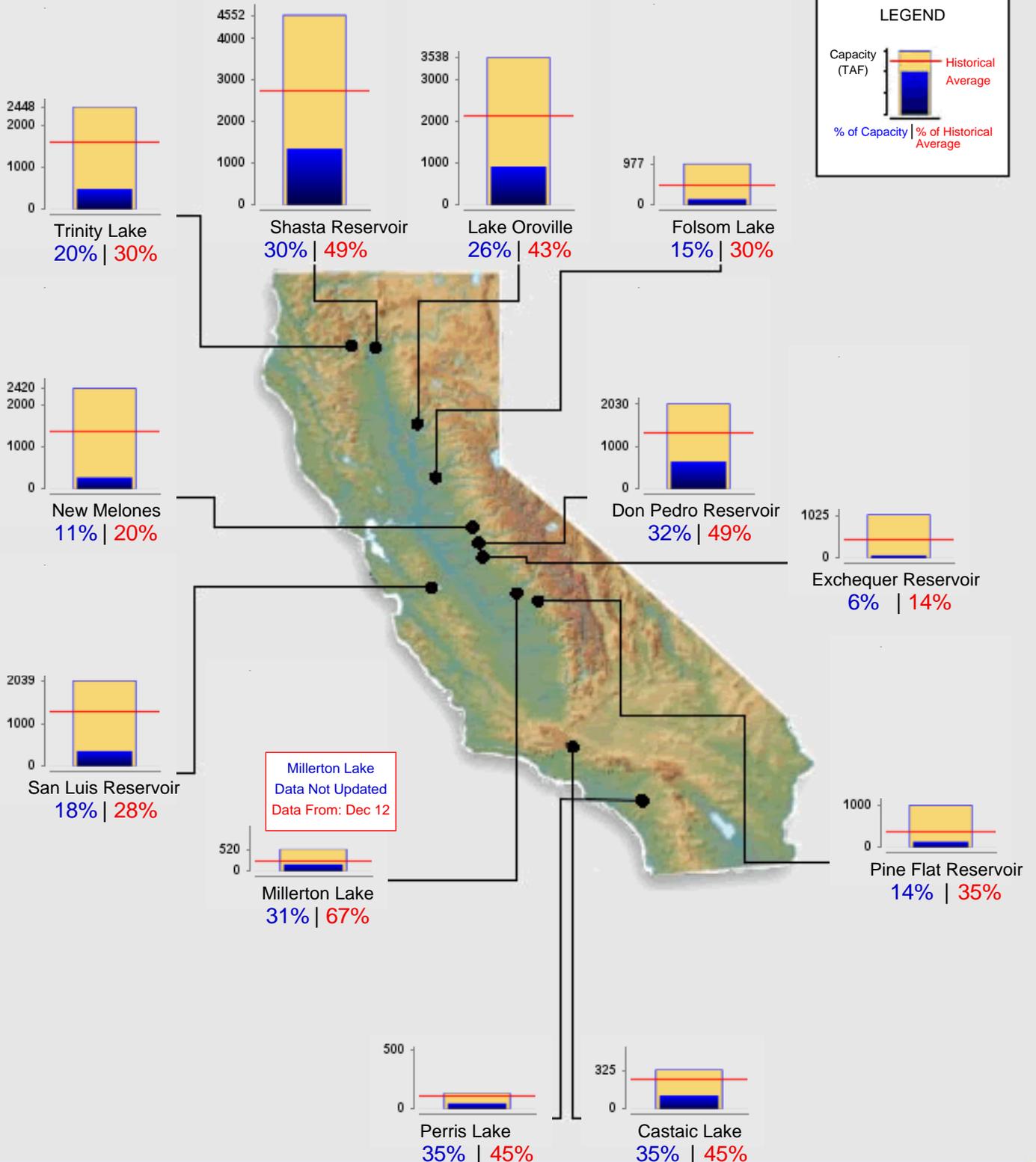




Reservoir Conditions

Ending At Midnight - December 13, 2015

CURRENT RESERVOIR CONDITIONS



WY 2016 Stanislaus River Releases and Temperatures

