

## **Stanislaus River Operations Group**

DRAFT Meeting Notes

Date 18 August, 2010

CVO Room 332/333

### **Attendees**

Liz Kiteck, Liz Vasquez, Randi Field, Matt See, Rachel Barnett-Johnson, and Carol Nicolos, USBR; Rhonda Reed, NMFS (phone); J.D. Wikert and Nick Hindman, FWS; Kari Kyler, SWRCB; and Greg Wilson, SWRCB.

### **Announcements:**

This is Liz Vasquez' last meeting, she has accepted a job with MP150; Matt See was introduced to the group as her replacement. ([msee@usbr.gov](mailto:msee@usbr.gov), 916.989.7198 or 209.536.9094x220)

### **Fisheries:**

On-going fish monitoring during this time of year is limited. Monitoring escapement will gear up again in September.

The Honolulu Bar restoration project has been postponed until next year due to complications with permitting and funding. AFRP in conjunction with Reclamation will begin doing vegetation management in the area so the site will be ready for next year.

FWS is still hoping to do the Lancaster Road restoration work this year; however the project has been delayed due to lack of an identified CEQA lead. CEQA is needed to obtain water quality certification(401 permit) from the Central Valley Water Resources Control Board.

Kick-off meeting for Lover's Leap restoration project will be in a couple months; AFRP will be meeting with the landowners.

Salmon Festival planning is in full swing. The Festival is scheduled for November 14, 2010 at Knight's Ferry. Melanie Fisher ([Melanie.Fisher@ca.nacdnet.net](mailto:Melanie.Fisher@ca.nacdnet.net)) is the point of contact for anyone wanting to put on a display. Reclamation may be able to donate \$1,000.00 for printing activities.

Through an interagency agreement between FWS and Reclamation, another year of the otolith survey has been funded.

### **Operations:**

New Melones Daily Ops: Storage for the season peaked in June at 1,372 TAF which is 55% of storage capacity.

Lake Tulloch should begin its seasonal draw down in about a month to prepare for flood control season.

Goodwin is remaining constant with releases at 200 cfs. Inflows are starting to taper. All upstream reservoirs did reach capacity. Because of the mild summer, temperature targets on the lower Stanislaus River and dissolved oxygen targets at Ripon are currently being met under the minimum instream flows called for under Action III.1.3.

The three day maximum temperature and seven day running average have been relatively stable at Orange Blossom Bridge –both indices are near 63° F. New Melones Reservoir is strongly stratified and the outlets are accessing water within about .5 degree of the coldest water in the reservoir.

The simulated Stanislaus River outlook shows the temperatures dropping off significantly due to seasonal changes in September and through the rest of the fall. Releases from Goodwin Dam will maintain 200 cfs with a pulse beginning of October 15 to comply with NOAA’s RPA action schedule for minimum flows. FWS suggested a discussion about the timing of the Stanislaus pulse flow in the context of the pulse flows being planned for the other San Joaquin River tributaries. It was stated that the downstream temperatures needed to be looked at as well. Flows start going up in the fall as transpiration by plants and trees begins to taper; it was decided that the pulse flow timing should be an Agenda item for next month’s SOG meeting.

A 15 TAF water transfer is set to occur on the Merced River during the beginning of September. The Merced Irrigation District (MID) anticipates an approximate 1,500 cfs ramp-up around September 7 with a quick return to normal releases. The purpose of the transfer is to provide information for the relicensing of the Exchequer Dam on the Merced River. The water used in the investigation will be transferred between MID and a consortium of State Water Contractors once it enters the Delta. Reclamation is only providing information. The question was posed as to whether the Stanislaus attraction flow could be reshaped given the timing of the Merced transfer to benefit the fish as well -that way there would be a win/win situation.

### **Annual Report**

Proposed that a small group get together to prepare an outline of the report to present to the group. If the group waited until the next meeting to finalize the outline there would be very little time to prepare and submit the report to the SOG group for review. As a result, it was suggested that the group get together and prepare the outline then “email” it to the group for suggestions/comments. The purpose of the report is to go through actions done during the year and determine what did and did not work in relation to the RPA’s; it can be looked at as a “Progress Report” of the BO.

### **Next Meeting**

Date: Wednesday, 15 September 2010

Location: Central Valley Operations Office  
3310 El Camino Ave.  
Sacramento, CA 95821

Room: 302

Time: 1300

Notes by: Carol Nicolos, Liz Vasquez, and Matt See

**AGENDA**  
**Stanislaus Operations Group**  
**June 16, 2010**  
**Central Valley Operations Office, 3310 El Camino Avenue, Room 332/333, Sacramento, CA**  
**95821**  
**1:00 PM to 3:00 PM**  
**Telecon Number 1-866-757-8460**  
**Participant Code #9068008**

**RPA Action**

**Agenda Items**

**Announcements**

**Fishery and Restoration Updates**

Section 11.2.1.3 Fish Monitoring and Reporting

Action III.2.1 Gravel Augmentation

-Discuss draft Gravel Plan

**Stanislaus Operations Summary & Expected Operations**

Action III.1.2 Temperature Criterion

Action III.1.3 Minimum Flow

Action IV.2.1 San Joaquin Inflow Export Ratio

SWRCB Standards

NMFS OCAP Biological Opinion: Reasonable and Prudent Alternatives (RPAs) References

<b>ACTION ID</b>	<b>PAGE #</b>	<b>RPA NAME</b>
Section 11.2.1.3	584	Monitoring and Reporting: (e) Adult escapement and juvenile monitoring for steelhead on the Stanislaus River
Action III.1.1	581-583,620	Establish Stanislaus Operational Group (SOG) for Real-Time Operational Decision-Making
Action III.1.2	620-621	Provide Cold Water Releases to Maintain Suitable Steelhead Temperatures.
Action III.1.3	622-625, Appendix 2-E	Operate the East Side Division Dams to Meet the Minimum Flows, as Measured at Goodwin Dam.
Action III.2.1	626	Increase and Improve Quality of Spawning Habitat with addition of 50,000 Cubic Yards of Gravel by 2014 and with a Minimum Addition of 8,000 Cubic Yards per Year for the Duration of the Project Actions.
Action III.2.2	627	Conduct Floodplain Restoration and Inundation in Winter or Spring to Inundate Steelhead Juvenile Rearing Habitat on One- to Three- Year Schedule.
Action III.2.3	627	Restore Freshwater Migratory Habitat for Juvenile Steelhead by Implementing Projects to Increase Floodplain Connectivity and to Reduce Predation Risk During Migration.
Action III.2.4	628	Evaluate Fish Passage at New Melones, Tulloch, and Goodwin Dams
Action IV.2.1	641	Phase I: Interim Operations in 2010-2011: Reclamation shall increase its releases at Goodwin Reservoir, if necessary, in order to meet the flows required at Vernalis

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

**AUGUST 2010**

**NEW MELONES LAKE DAILY OPERATIONS**

RUN DATE: August 18, 2010

DAY	ELEV	STORAGE		COMPUTED* INFLOW C.F.S.	POWER	RELEASE - C.F.S.		EVAPORATION		PRECIP INCHES
		1000 ACRE-FEET IN LAKE	CHANGE			SPILL	OUTLET	C.F.S.	INCHES	
		1,372.4								
1	988.70	1,369.7	-2.7	913	2,180	0	0	105	.37	.00
2	988.36	1,366.7	-3.0	1,009	2,406	0	0	108	.38	.00
3	988.11	1,364.5	-2.2	1,014	2,004	0	0	116	.41	.00
4	987.94	1,363.0	-1.5	1,007	1,640	0	0	119	.42	.00
5	987.70	1,360.9	-2.1	934	1,887	0	0	105	.37	.00
6	987.36	1,357.9	-3.0	950	2,378	0	0	71	.25	.00
7	987.19	1,356.4	-1.5	983	1,616	0	0	116	.41	.00
8	987.04	1,355.1	-1.3	959	1,518	0	0	102	.36	.00
9	986.77	1,352.8	-2.4	1,041	2,140	0	0	87	.31	.00
10	986.59	1,351.2	-1.6	874	1,572	0	0	93	.33	.00
11	986.40	1,349.5	-1.7	742	1,486	0	0	90	.32	.00
12	986.15	1,347.4	-2.2	810	1,824	0	0	84	.30	.00
13	985.79	1,344.2	-3.1	814	2,329	0	0	62	.22	.00
14	985.61	1,342.7	-1.6	850	1,525	0	0	112	.40	.00
15	985.42	1,341.0	-1.6	805	1,535	0	0	101	.36	.00
16	985.12	1,338.4	-2.6	847	2,078	0	0	81	.29	.00
17	984.82	1,335.8	-2.6	877	2,080	0	0	106	.38	.00
<b>TOTALS</b>			<b>-36.7</b>	<b>15,429</b>	<b>32,198</b>	<b>0</b>	<b>0</b>	<b>1,658</b>	<b>5.88</b>	<b>.00</b>
<b>ACRE-FEET</b>			<b>-36,700</b>	<b>30,603</b>	<b>63,865</b>	<b>0</b>	<b>0</b>	<b>3,289</b>		

COMMENTS:

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

**SUMMARY**

	RELEASE (ACRE-FEET)			PRECIPITATION	
POWER	63,865	OUTLET	0	THIS MONTH =	.00
SPILL	0	TOTAL	63,865	JULY 1, 2010 TO DATE =	.00

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

**AUGUST 2010**

**TULLOCH RESERVOIR DAILY OPERATIONS**

RUN DATE: 08/18/2010

DAY	ELEV	STORAGE		COMPUTED* INFLOW C.F.S.	NEW MELONES RELEASE	RELEASE - C.F.S.			EVAP C.F.S. (1)
		ACRE-FEET RES.	CHANGE			POWER	SPILL	OUTLET	
		64,674							
1	508.33	64,895	+221	2,115	2,180	1,891	98	0	15
2	509.05	65,782	+887	2,428	2,406	1,897	69	0	15
3	509.07	65,807	+25	1,977	2,004	1,898	50	0	16
4	508.52	65,129	-678	1,623	1,640	1,898	50	0	17
5	508.49	65,092	-37	1,879	1,887	1,866	17	0	15
6	509.28	66,069	+977	2,343	2,378	1,840	0	0	10
7	509.92	66,868	+799	2,263	1,616	1,843	0	0	17
8	508.52	65,129	-1,739	885	1,518	1,748	0	0	14
9	509.11	65,857	+728	2,119	2,140	1,740	0	0	12
10	508.85	65,535	-322	1,604	1,572	1,753	0	0	13
11	508.35	64,920	-615	1,489	1,486	1,786	0	0	13
12	508.34	64,908	-12	1,794	1,824	1,788	0	0	12
13	509.22	65,995	+1,087	2,345	2,329	1,788	0	0	9
14	508.70	65,351	-644	1,506	1,525	1,815	0	0	16
15	508.18	64,711	-640	1,517	1,535	1,826	0	0	14
16	508.59	65,215	+504	2,095	2,078	1,829	0	0	12
17	508.99	65,708	+493	2,084	2,080	1,820	0	0	15
<b>TOTALS</b>			<b>+1,034</b>	<b>32,066</b>	<b>32,198</b>	<b>31,026</b>	<b>284</b>	<b>0</b>	<b>235</b>
<b>ACRE-FEET</b>			<b>+1,034</b>	<b>63,603</b>	<b>63,865</b>	<b>61,540</b>	<b>563</b>	<b>0</b>	<b>466</b>

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

**SUMMARY**  
RELEASE (ACRE-FEET)

POWER	61,540	OUTLET	0
SPILL	563	TOTAL	62,103

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

AUGUST 2010

GOODWIN RESERVOIR DAILY OPERATIONS

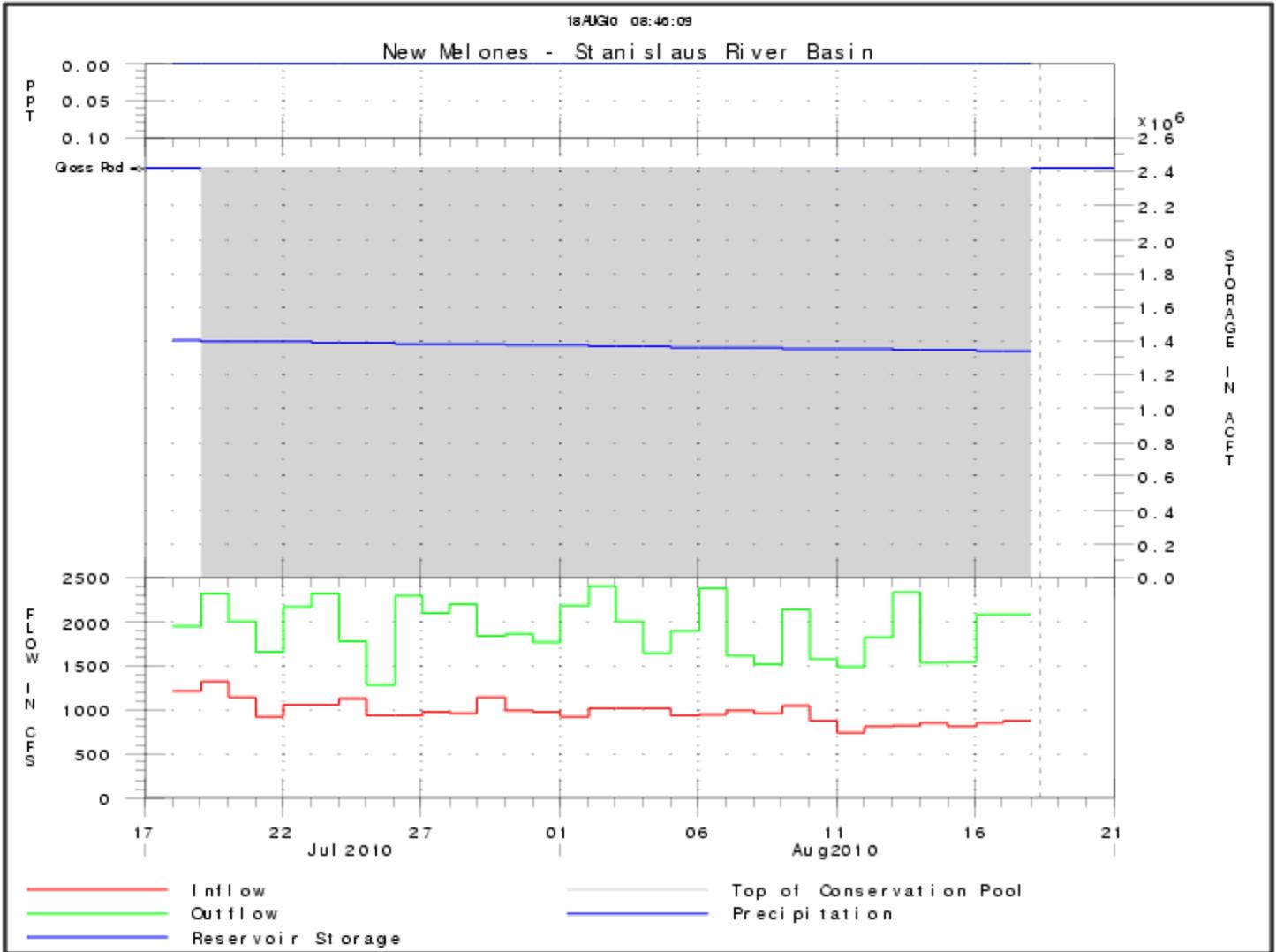
RUN DATE: August 18, 2010

DAY	ELEV	STORAGE		TULLOCH	RIVER		RELEASE - C.F.S.	
		ACRE-FEET	CHANGE		RELEASE	OUTLET	SPILL	JOINT MAIN
		541						
1	360.03	539	-2	1,989	0	208	1,103	461
2	360.05	541	+2	1,966	0	213	1,103	449
3	360.05	541	+0	1,948	0	217	1,092	447
4	360.05	541	+0	1,948	0	209	1,075	456
5	360.03	539	-2	1,883	0	202	993	446
6	360.05	541	+2	1,840	0	207	930	422
7	360.03	539	-2	1,843	0	206	910	433
8	360.05	541	+2	1,748	0	207	879	376
9	360.05	541	+0	1,740	0	204	882	375
10	360.03	539	-2	1,753	0	203	895	383
11	360.05	541	+2	1,786	0	202	886	422
12	360.03	539	-2	1,788	0	201	892	438
13	360.05	541	+2	1,788	0	206	892	457
14	360.03	539	-2	1,815	0	208	948	440
15	360.00	537	-2	1,826	0	203	974	437
16	360.03	539	+2	1,829	0	204	990	426
17	360.00	537	-2	1,820	0	203	994	406
<b>TOTALS</b>			<b>-4</b>	<b>31,310</b>	<b>0</b>	<b>3,503</b>	<b>16,438</b>	<b>7,274</b>
<b>ACRE-FEET</b>			<b>-4</b>	<b>62,103</b>	<b>0</b>	<b>6,948</b>	<b>32,605</b>	<b>14,428</b>

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

**SUMMARY**  
 RELEASE (ACRE-FEET)

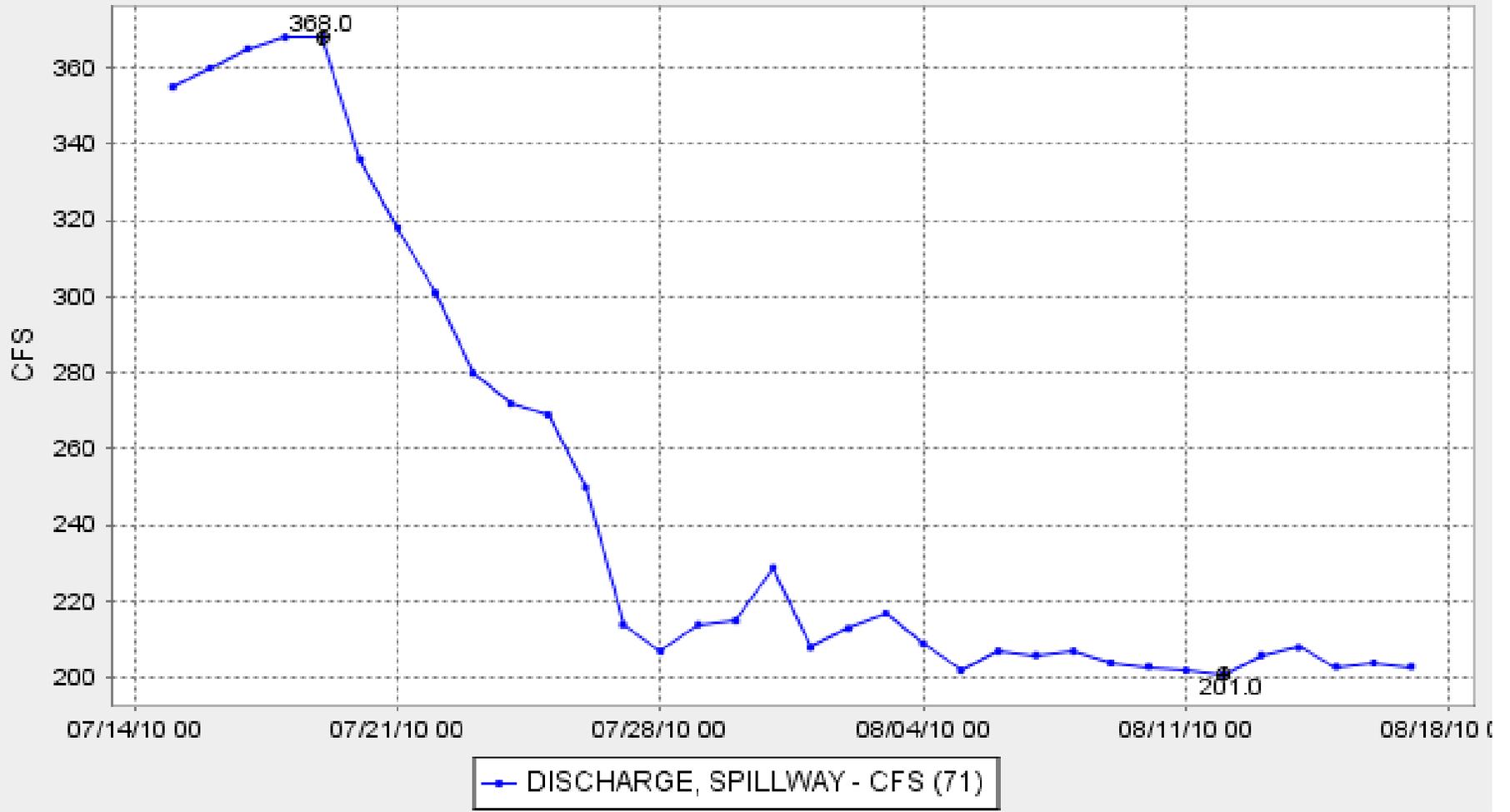
JOINT MAIN CANAL	32,605	OUTLET	0
SOUTH MAIN CANAL	14,428	SPILL	6,948
		TOTAL	53,981



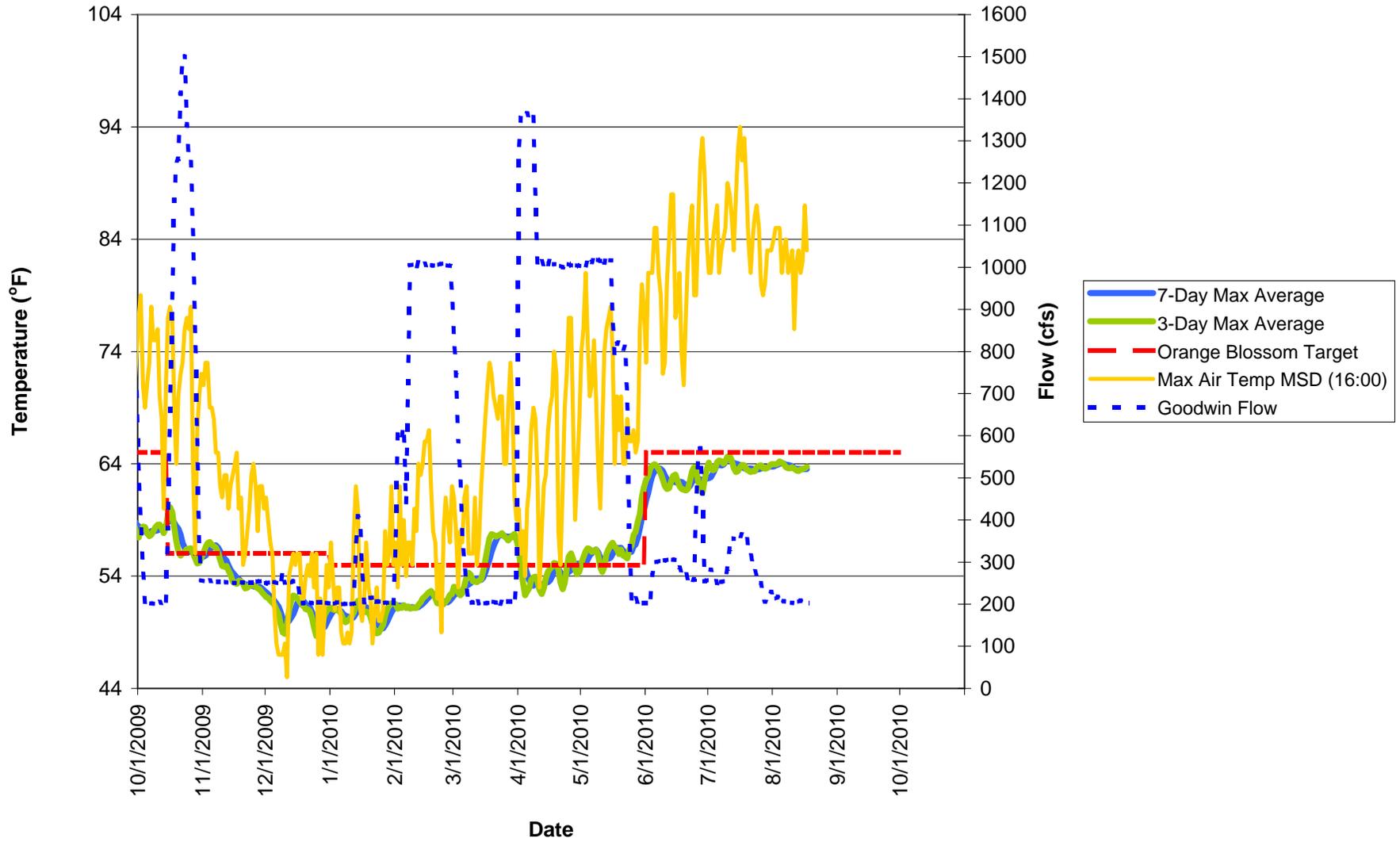
# GOODWIN DAM ( GDW )

Date from 07/15/2010 00:00 through 08/18/2010 08:19 Duration : 34 days

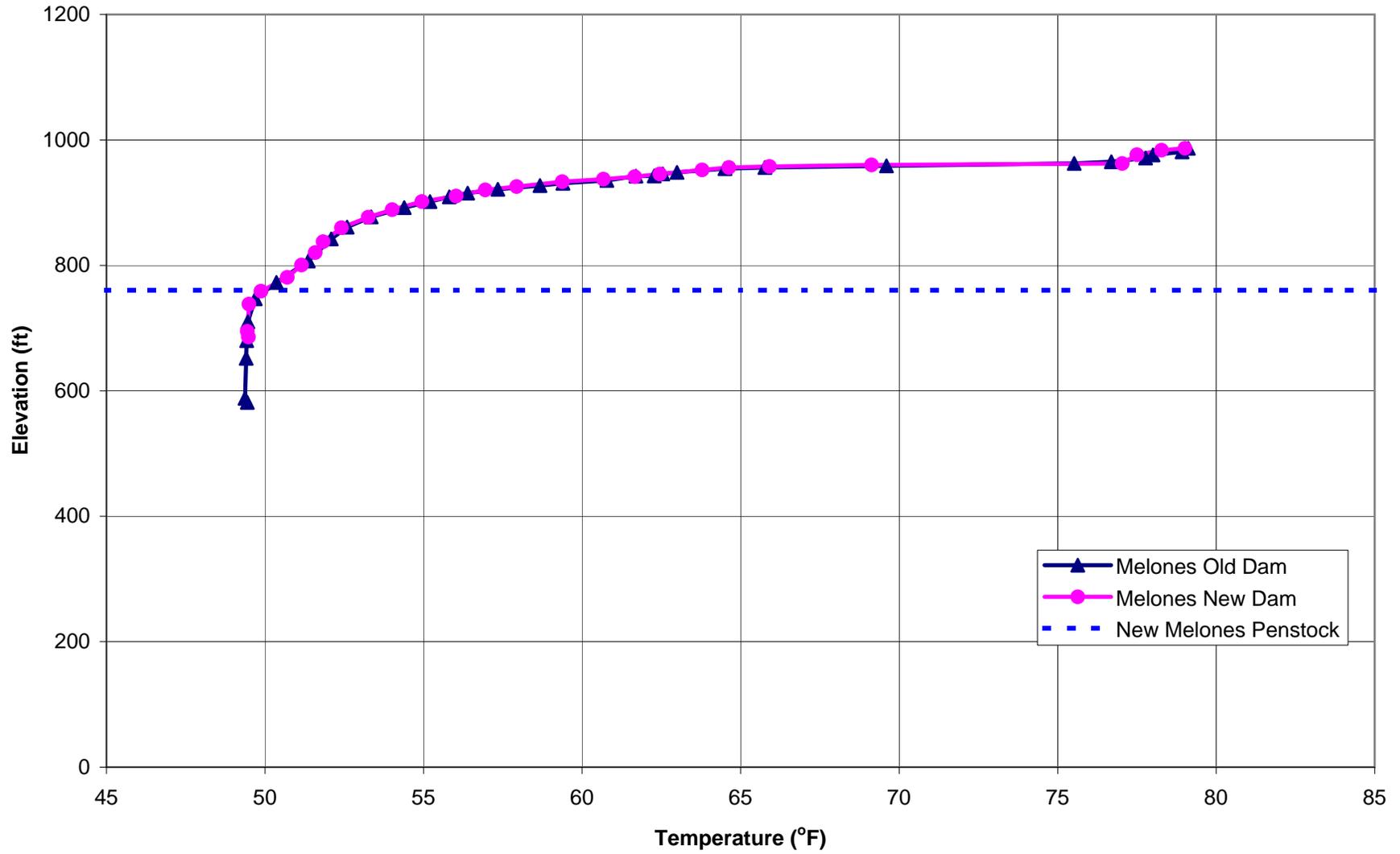
Max of period : (07/19/2010 00:00, 368.0) Min of period: (08/12/2010 00:00, 201.0)



# Orange Blossom Bridge Instream Temperatures

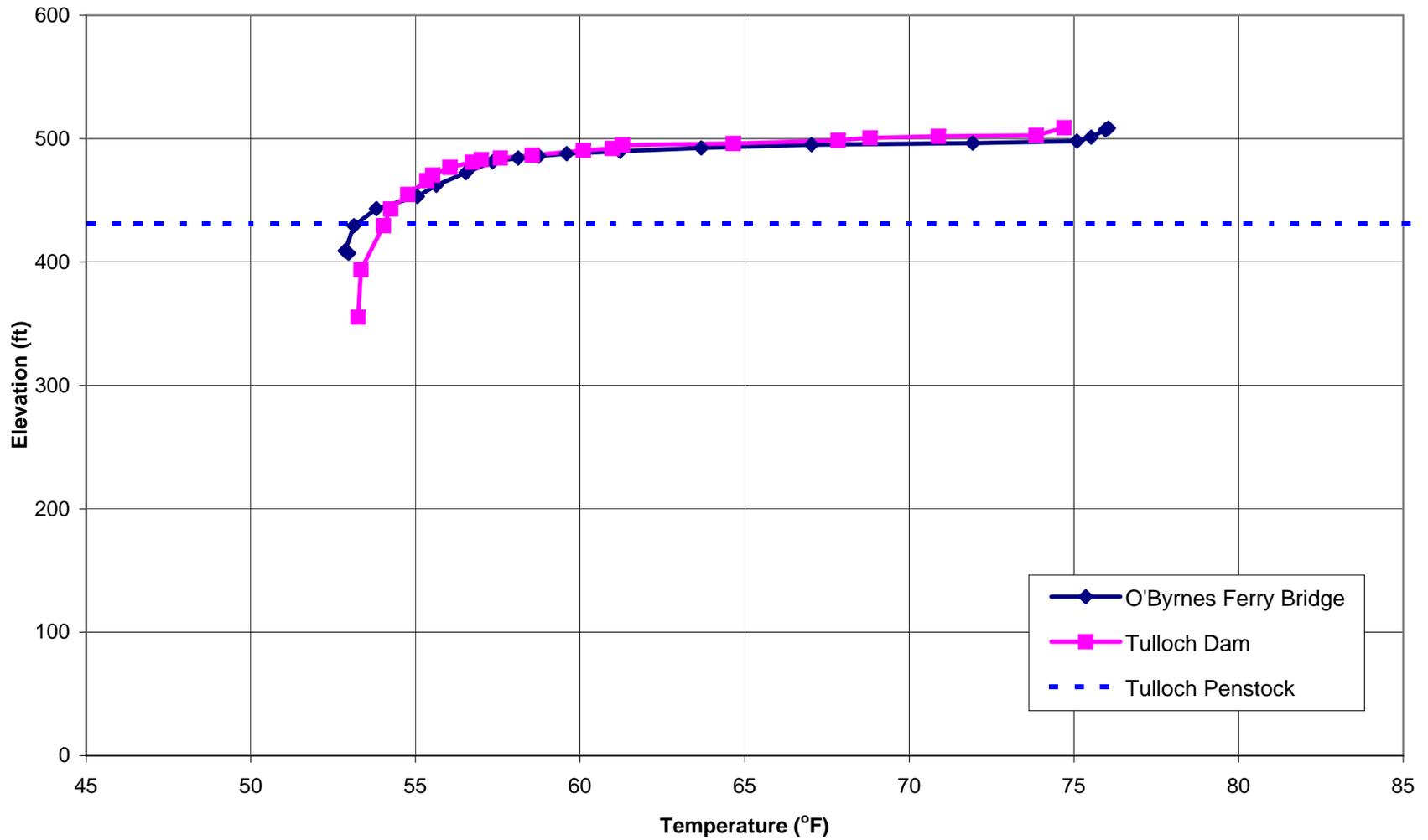


# New Melones Temperature Profile 8/10/2010



# Tulloch Reservoir Temperature Profile

## 8/10/2010



**Preliminary - Stanislaus River - 2010  
August- Outlook  
Maximum Mean 6-Hour Temperature**

