

Trinity River WY 2015 June Current Conditions

TMC Meeting
June 24, 2015



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

DAILY CVP WATER SUPPLY REPORT

JUNE 22, 2015

RUN DATE: June 23, 2015

STORAGE IN MAJOR RESERVOIRS IN THOUSANDS OF ACRE-FEET

RESERVOIR	CAPACITY	15 YR AVG	WY 2014	WY 2015	% OF 15 YR AVG
TRINITY	2,448	1,857	1,096	957	52
SHASTA	4,552	3,494	1,955	2,251	64
OROVILLE (SWP)	3,538	2,639	1,577	1,453	55
FOLSOM	977	754	491	472	63
NEW MELONES	2,420	1,504	740	417	28
FED. SAN LUIS	966	462	432	202	44
MILLERTON	520	404	334	0	0
TOT. N. CVP	11,360	8,070	4,714	4,299	53

ACCUMULATED INFLOW FOR WATER YEAR TO DATE IN THOUSANDS OF ACRE-FEET

RESERVOIR	CURRENT WY 2015	DRIEST WY 1977	WETTEST WY 1983	15 YR AVG	% OF 15 YR AVG
TRINITY	865	188	2,443	1,103	78
SHASTA	3,131	1,964	9,703	4,347	72
FOLSOM	725	294	5,594	1,884	38
NEW MELONES	258	0	2,199	721	36
MILLERTON	109	175	3,311	1,047	10

ACCUMULATED PRECIPITATION FOR WATER YEAR TO DATE IN INCHES

RESERVOIR	CURRENT WY 2015	DRIEST WY 1977	WETTEST WY 1983	AVG (N YRS)	% OF AVG	LAST 24 HRS
TRINITY AT FISH HATCHERY	25.28	13.69	54.65	31.03 (53)	81	0.00
SACRAMENTO AT						

U.S. Drought Monitor California

June 16, 2015

(Released Thursday, Jun. 18, 2015)

Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	0.14	99.86	98.71	94.59	71.08	46.73
Last Week 6/9/2015	0.14	99.86	98.71	93.91	71.08	46.73
3 Months Ago 3/17/2015	0.16	99.84	98.11	93.44	67.46	39.92
Start of Calendar Year 12/30/2014	0.00	100.00	98.12	94.34	77.94	32.21
Start of Water Year 9/30/2014	0.00	100.00	100.00	95.04	81.92	58.41
One Year Ago 6/17/2014	0.00	100.00	100.00	100.00	76.69	32.98

Intensity:



The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

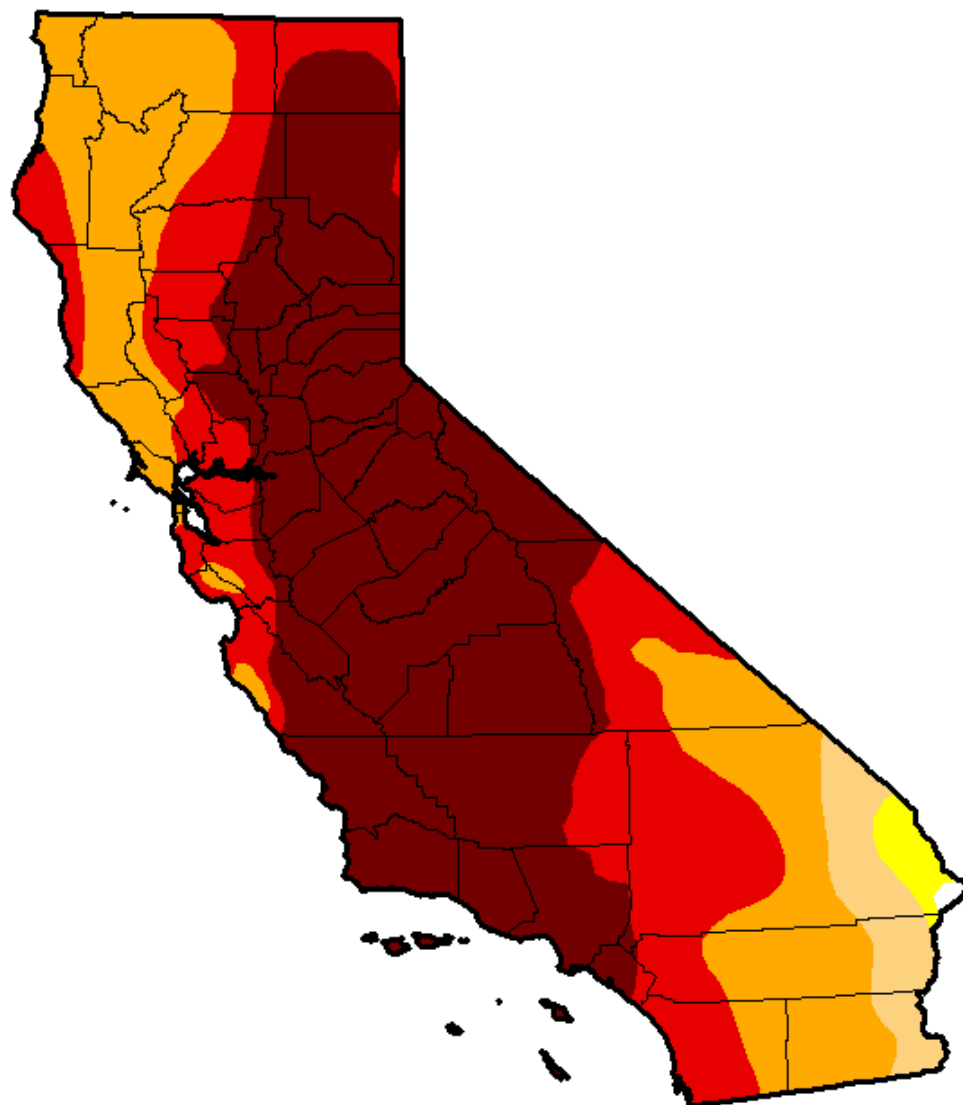
Author:

Richard Tinker

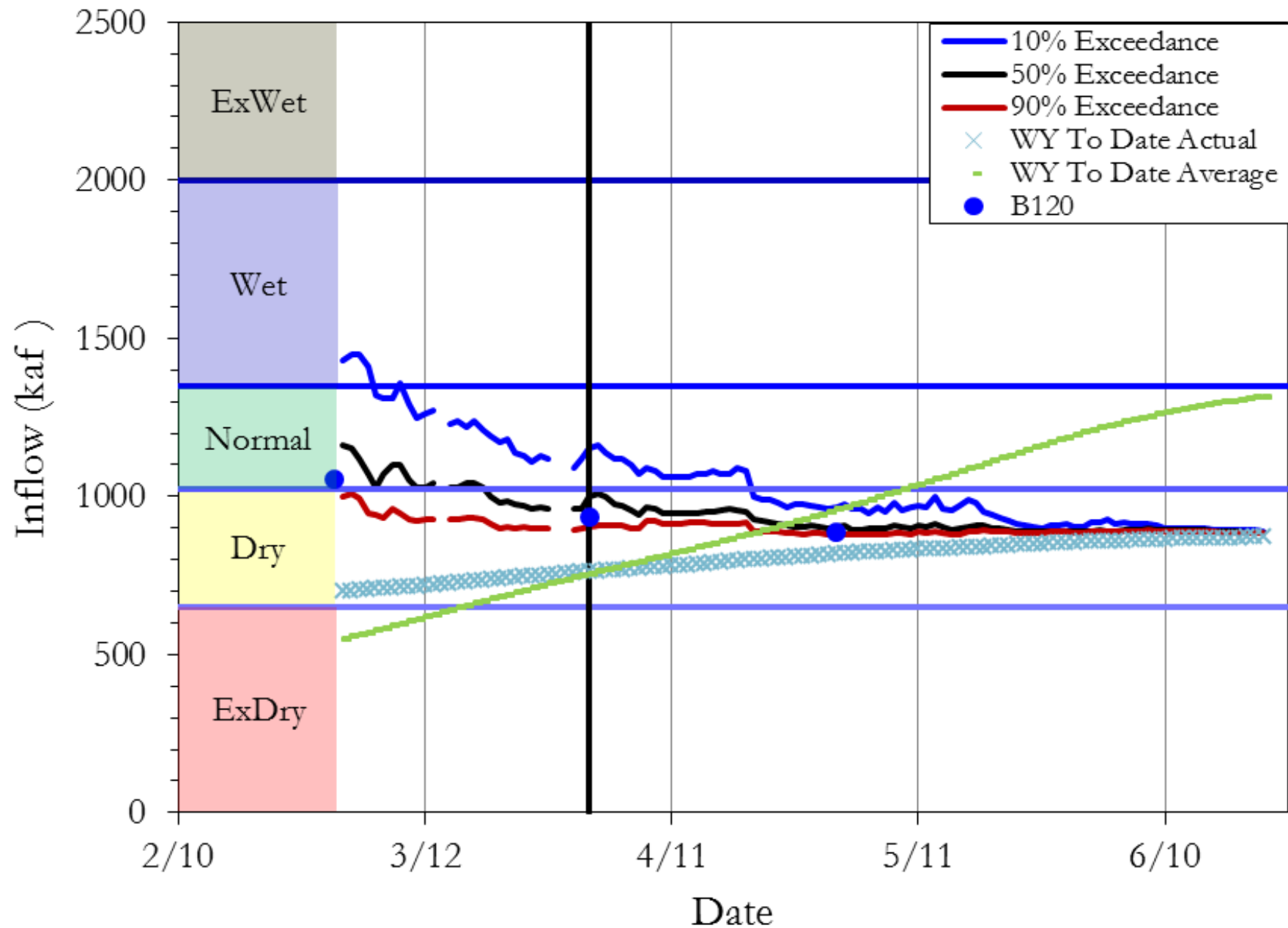
CPC/NOAA/NWS/NCEP



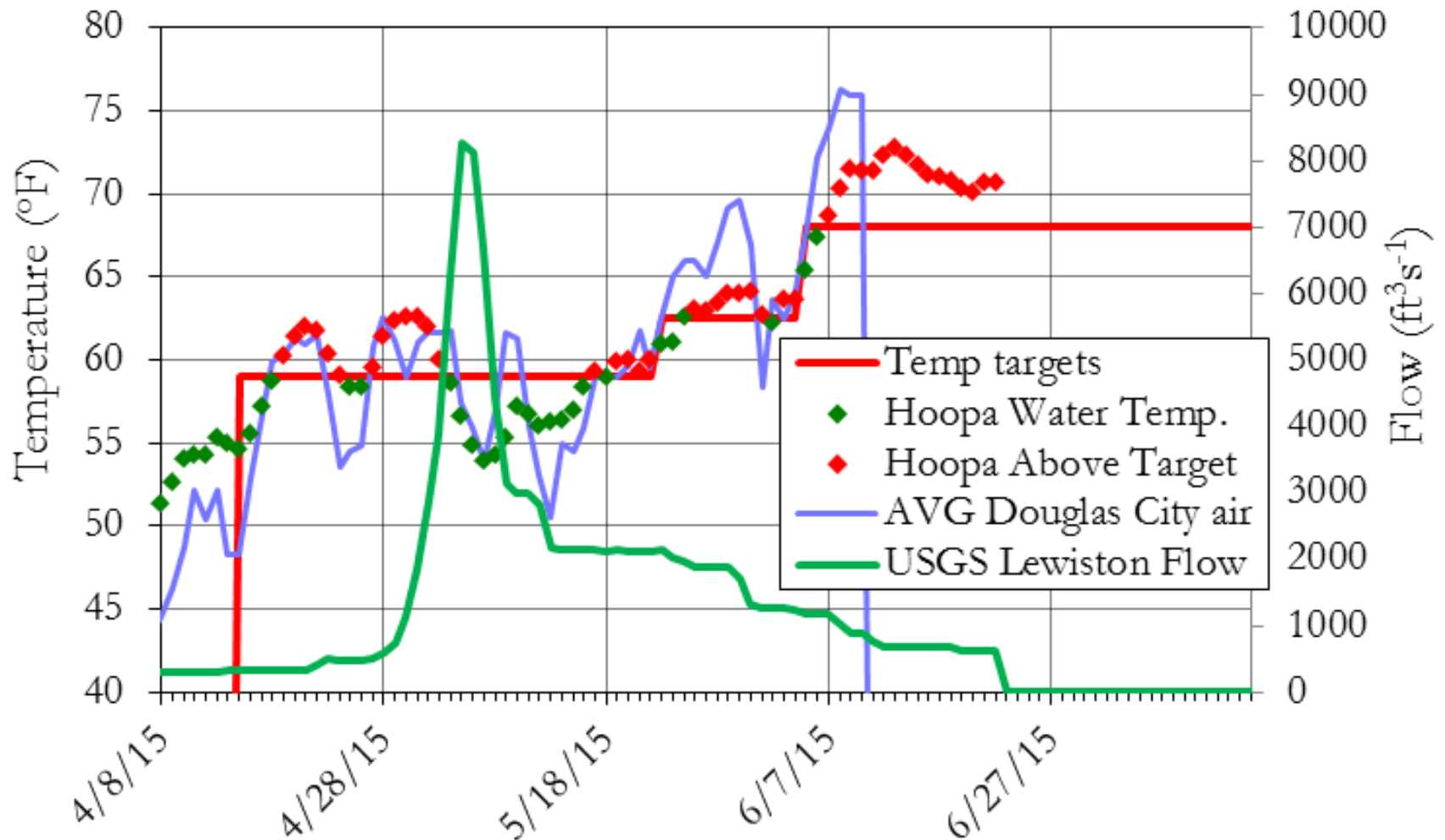
<http://droughtmonitor.unl.edu/>



Inflow Forecast



Temperature Targets

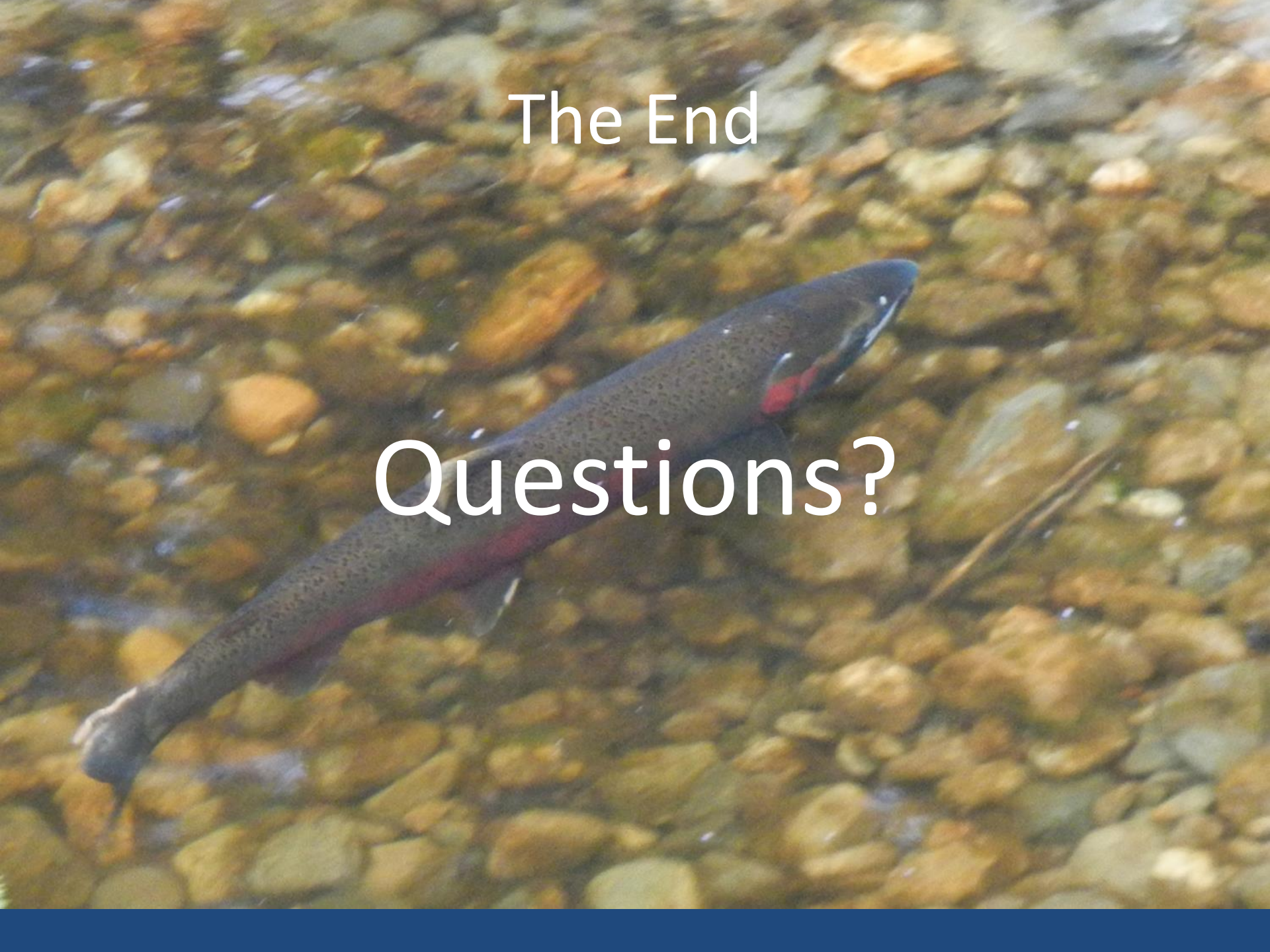


Restoration Flow Release Monitoring

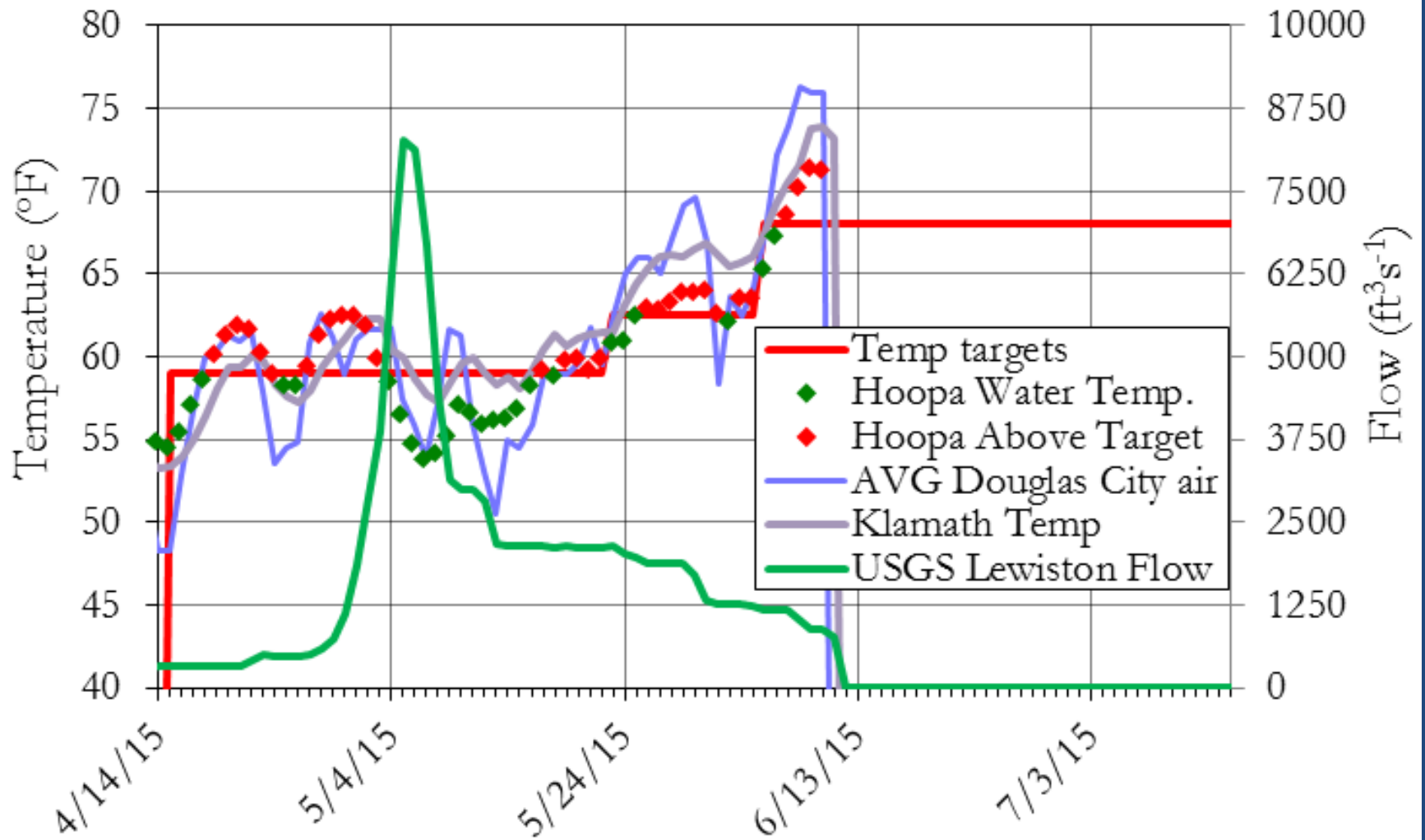
- Water surface elevation for 2015 design sites
- Sediment transport monitoring at 4 sites
- Delta surveys
- Multibeam bathymetric surveys at Lowden
- Gravel implementation monitoring
- Seismic survey
- Hydrophones Lowden and Douglas City (USGS)

The End

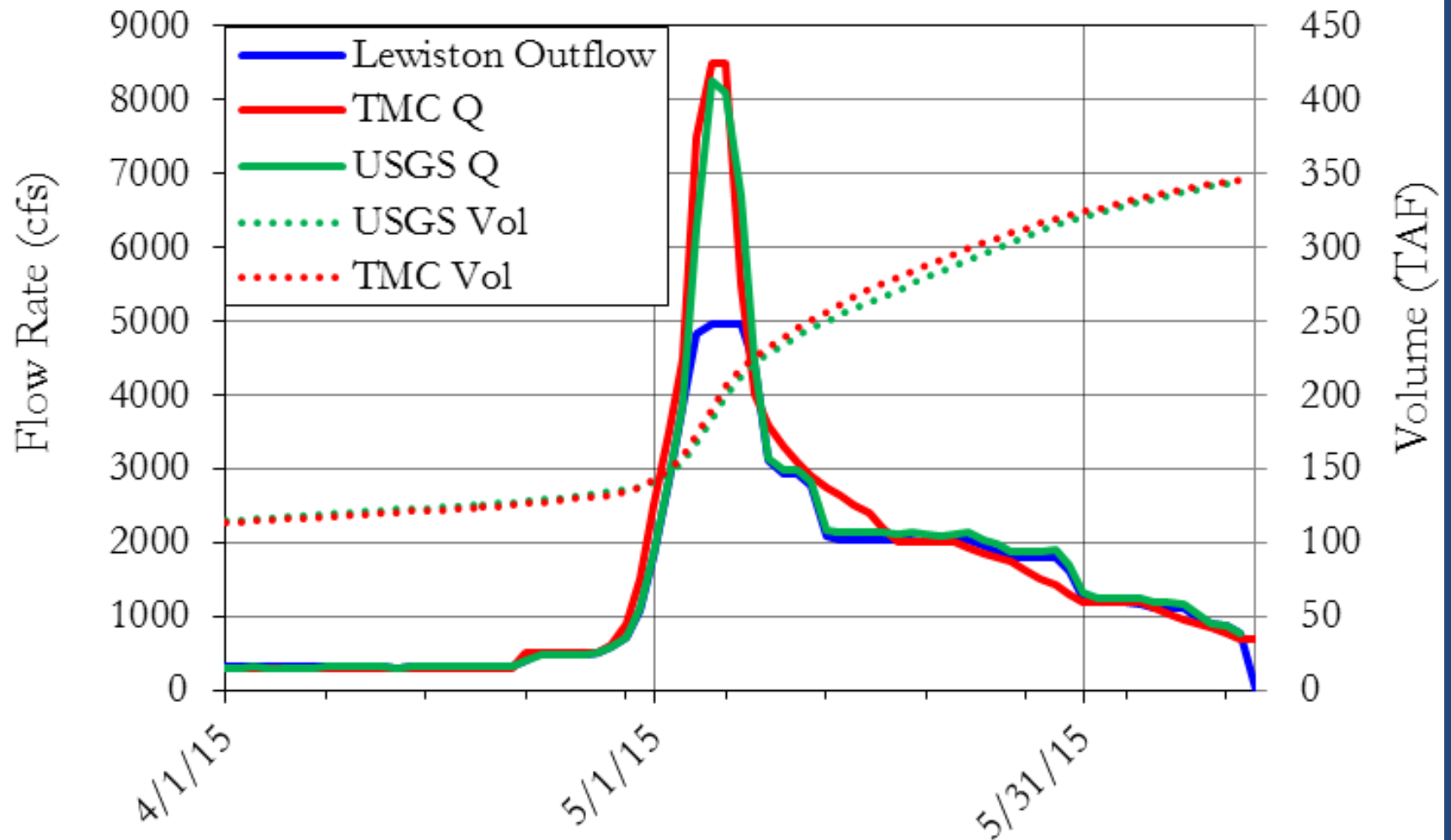
Questions?



Temperature Targets



Trinity River Flow Rate and Volume



WY Type from April 1 B120 50%

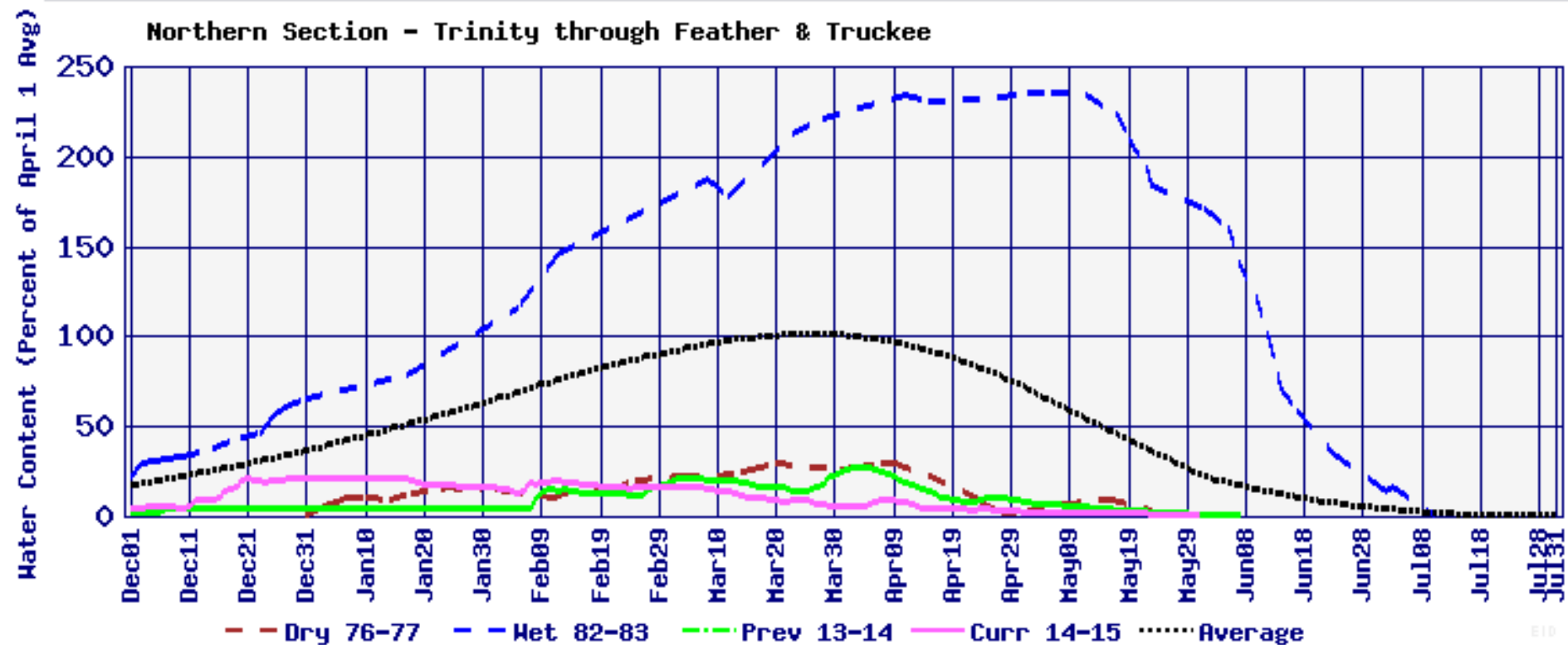
Water Year Type	Forecast Annual River Runoff (acre feet)	Restoration Water Allocation (Acre-Feet)
Extremely Wet	$\geq 2,000,000$	815,000
Wet	1,350,000 – 1,999,999	701,000
Normal	1,025,000 – 1,349,999	647,000
Dry	650,000 – 1,024,999	453,000
Critically Dry	$< 650,000$	369,000

Water Year
starts on October 1st and
ends on September 30th

Northern California Snow Pack

California Snow Water Content

PERCENT OF APRIL 1 AVERAGE, JUNE 01, 2015



Trinity River Basin Snow Pack

Daily Snow Sensor Report

May 21, 2015

Provided by the California Cooperative Snow Surveys for selected automatic reporting snow ga

Report generated: 05/21/2015 09:20

Snow Water Equivalents								
Station	ID	Coop. Agency	Elev (FT)	Apr 1 Avg (IN)	Today (IN)	Percent Apr 1	24 Hrs Ago (IN)	1 Week Ago (IN)
TRINITY RIVER								
Peterson Flat	PET	DWR	7,150	29.2	0.0r	0%	0.0r	0.0r
Red Rock Mountain	RRM	DWR	6,700	39.6	0.0r	0%	0.0r	0.0r
Bonanza King	BNK	DWR	6,450	40.5	0.0r	0%	0.0r	0.0r
Shimmy Lake	SHM	DWR	6,400	40.3	0.0r	0%	0.0r	0.0r
Middle Boulder 3	MB3	DWR	6,200	28.3	0.0r	0%	0.0r	0.4r
Highland Lakes	HIG	DWR	6,030	29.9	0.0r	0%	0.0r	0.0r
Scott Mountain	SCT	DWR	5,900	16.0	0.0r	0%	0.0r	0.0r
Mumbo Basin	MUM	DWR	5,650	22.4	0.0r	0%	0.0r	0.0r
Big Flat	BFL	DWR	5,100	15.8	0.0r	0%	0.0r	0.0r
Crowder Flat	CWF	NRCS	5,100	----	0.0r	----	0.0r	0.0r