

Northern CVP Water Temperature Report

October - 2025

Page	Description
2	- Mean Daily Water Temperature, Release Flow Rates and Air Temperatures with Monthly Averages
3	- Sacramento River Mean Daily Water Temperature Plot
4	- Trinity River Mean Daily Water Temperature Plot
5	- Shasta Lake Isothermobaths & Cold Water Pool Statistics
14	- Trinity Lake Isothermobaths & Cold Water Pool Statistics
23	- Whiskeytown Lake Isothermobaths & Cold Water Pool Statistics
x	- TCD Configuration (External Link)



— BUREAU OF —
RECLAMATION

All Data in this Report is Preliminary and Subject to Change

D A T E	Mean Daily Water Temperatures (°F)													Mean Daily Release (CFS)			Mean Daily Air Temperatures (°F)		
	TCD ¹	SHD	SPP ¹	KWK	SAC	CCR ²	BSF	BND	RDB	IGO	LWS	DGC	NFH	Shasta Generation	Spring Creek P.P.	Keswick Total	RDD	BSF	RDB
Sep	49.8	49.0	57.1	51.5	52.1	52.7	54.4	55.9	57.3	56.9	48.3	54.6	59.3	6129	1573	7762	76.2	71.1	72.9
10/01	50.5	49.7	56.3	51.1	51.4	51.7	52.9	54.3	55.4	55.0	47.5	51.8	55.1	5881	1506	7116	61.0	60.9	62.3
10/02	50.4	49.8	56.3	51.3	51.6	51.9	53.1	53.8	54.7	55.2	47.2	51.9	55.7	5021	1676	7182	64.5	61.5	62.4
10/03	50.5	49.9	56.2	51.6	52.1	52.7	54.1	55.0	55.7	55.5	47.2	52.3	56.3	5111	1652	7152	66.5	61.9	61.9
10/04	50.5	50.0	56.0	51.6	52.1	52.8	54.1	55.3	56.5	55.0	47.2	52.5	56.1	5438	1406	7115	66.5	63.5	66.0
10/05	50.7	?	50.1	56.1	51.7	52.1	52.8	54.0	55.1	56.3	54.7	47.5	52.0	5953	1507	7114	72.5	64.5	66.9
10/06	50.6	50.0	55.9	51.6	52.2	52.8	54.0	54.9	56.0	54.3	47.5	51.3	54.8	5269	1356	7115	71.5	62.8	68.0
10/07	51.0	50.3	55.8	51.5	52.0	52.5	53.8	54.8	56.0	54.3	47.4	51.0	54.3	5488	1458	7114	71.0	64.5	68.6
10/08	51.2	50.5	55.7	51.7	52.1	52.7	53.8	54.8	55.9	54.1	47.2	?	51.1	5850	1716	7115	69.0	64.6	67.3
10/09	50.7	50.1	55.6	51.9	52.1	52.5	53.8	55.1	56.0	53.9	47.3	51.4	53.6	4594	1740	7118	64.0	62.2	62.4
10/10	50.6	50.4	55.5	51.9	52.2	52.6	53.9	54.6	55.5	53.6	47.2	50.3	53.0	4927	1473	7116	61.0	60.5	61.4
10/11	50.6	50.4	55.4	51.7	51.9	52.2	53.0	53.8	55.1	53.1	47.0	49.9	52.5	7456	1353	7137	58.0	54.0	57.0
10/12	50.4	49.9	55.4	51.2	51.6	51.8	52.8	53.4	54.2	53.1	46.8	49.7	52.1	5735	1484	7119	57.5	54.2	58.5
10/13	50.7	50.1	55.2	51.1	51.4	51.5	52.1	52.7	53.5	52.7	46.8	48.3	50.4	4229	1687	7114	52.5	51.3	52.6
10/14	50.9	50.3	55.2	51.0	51.5	51.9	52.6	52.8	53.5	53.1	46.9	49.0	50.7	5152	1543	7116	57.0	53.7	55.0
10/15	50.6	49.9	55.0	51.4	51.5	51.6	52.5	53.4	54.1	52.7	46.6	50.2	52.6	5285	1615	7114	52.5	53.5	53.4
10/16	50.9	50.2	54.8	51.1	51.6	51.9	52.6	52.8	53.5	52.7	46.9	50.0	53.1	5236	1571	7120	59.0	55.3	57.8
10/17	50.6	50.1	54.6	51.2	51.6	51.9	52.8	53.4	54.2	52.9	47.0	50.8	53.3	5459	1682	7116	63.5	57.4	58.7
10/18	51.0	50.4	54.5	51.1	51.6	52.0	52.9	53.5	54.4	52.7	47.0	51.2	54.0	6012	1220	7118	63.0	58.0	61.5
10/19	51.3	50.8	54.3	51.2	51.6	52.0	52.9	53.6	54.5	52.7	47.3	51.5	54.4	5578	1173	7117	63.5	59.2	60.7
10/20	50.9	51.0	54.3	51.5	51.8	52.2	52.8	53.4	54.3	52.3	47.3	50.4	53.4	6636	1083	7131	67.5	63.9	65.4
10/21	50.9	50.4	54.2	51.5	51.8	52.1	52.9	53.3	54.2	52.2	47.5	49.0	52.1	5843	1309	7117	64.5	58.2	61.8
10/22	50.8	50.3	54.2	51.4	51.8	52.2	53.0	53.5	54.2	52.4	47.5	49.3	51.7	5934	1365	7169	62.0	56.1	58.0
10/23	51.5	50.6	54.3	51.2	51.6	52.0	52.9	53.5	54.4	52.5	47.3	49.9	52.2	5023	1615	7222	62.0	57.1	60.2
10/24	50.7	50.2	54.1	51.2	51.4	51.6	52.3	52.9	53.9	52.2	47.3	49.8	51.7	5680	1227	7222	56.5	54.6	57.4
10/25	50.7	50.2	54.3	51.0	51.3	51.6	52.6	53.1	53.6	52.6	47.4	50.6	52.5	5725	1214	7222	59.0	58.2	60.3
10/26	51.4	50.9	54.2	50.8	50.9	51.1	51.8	52.3	53.3	51.9	47.2	49.5	51.0	5993	1037	7218	52.0	52.0	53.8
10/27	51.1	50.8	54.4	50.8	51.0	51.2	51.9	52.1	52.8	51.9	47.5	49.0	50.5	5839	1098	7219	57.0	53.8	55.9
10/28	50.5	51.0	54.1	51.2	51.4	51.8	52.2	52.3	52.9	52.3	47.5	49.2	50.5	6476	955	7219	66.5	56.2	58.0
10/29	50.5	51.2	54.1	51.4	51.6	52.1	52.7	53.1	53.8	52.8	47.7	49.9	51.3	7884	974	7213	66.0	59.9	63.3
10/30	51.5	51.1	54.1	51.6	51.8	52.2	52.8	53.2	54.0	52.8	47.7	50.4	51.9	6178	945	7017	61.5	57.0	60.6
10/31	51.6	51.1	54.2	51.6	51.9	52.4	53.0	53.3	54.1	52.7	47.7	50.7	52.1	5291	929	6188	63.5	57.8	61.5
Oct	50.8	50.3	55.0	51.4	51.7	52.1	53.0	53.7	54.5	53.2	47.2	50.4	53.0	5696	1388	7143	62.3	58.3	60.6
														Total CFS	176176	42569	220485		
														Total AF	349438	84434	437323		

Legend

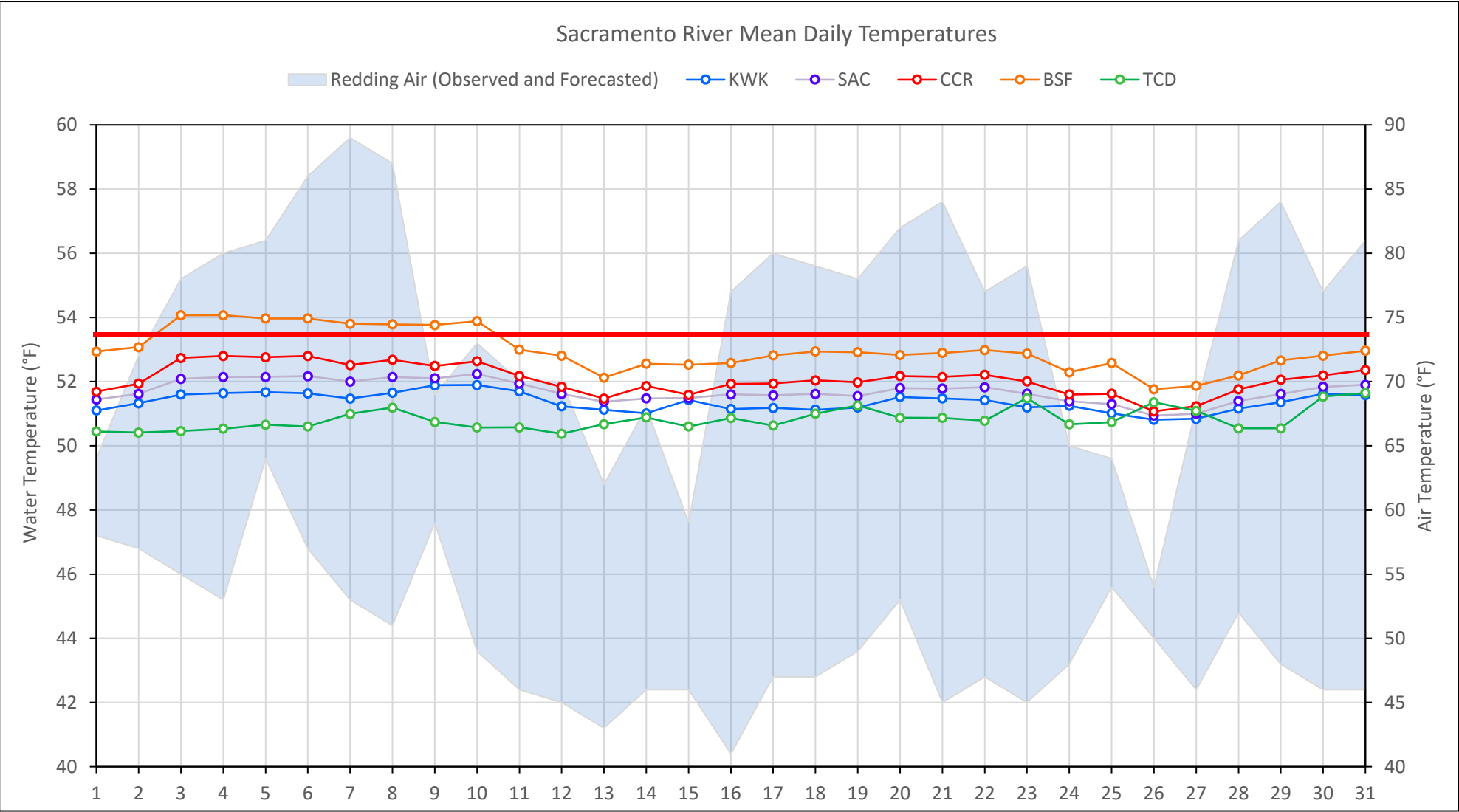
- ? = 1-9 hours of data missing (Average includes estimations)
- ! = 10 or more hours of data missing (Average not calculated)
- # = Station out of service
- ↑ = Record high air temperature
- ↓ = Record low air temperature
- = Monthly Averages

Notes

¹ Temperatures are weighted averages based on individual penstock flow and temperature

Highlighted cells in the TCD column indicate a TCD change was made on that day

² Current Clear Creek River control point (see page 3 for more details)



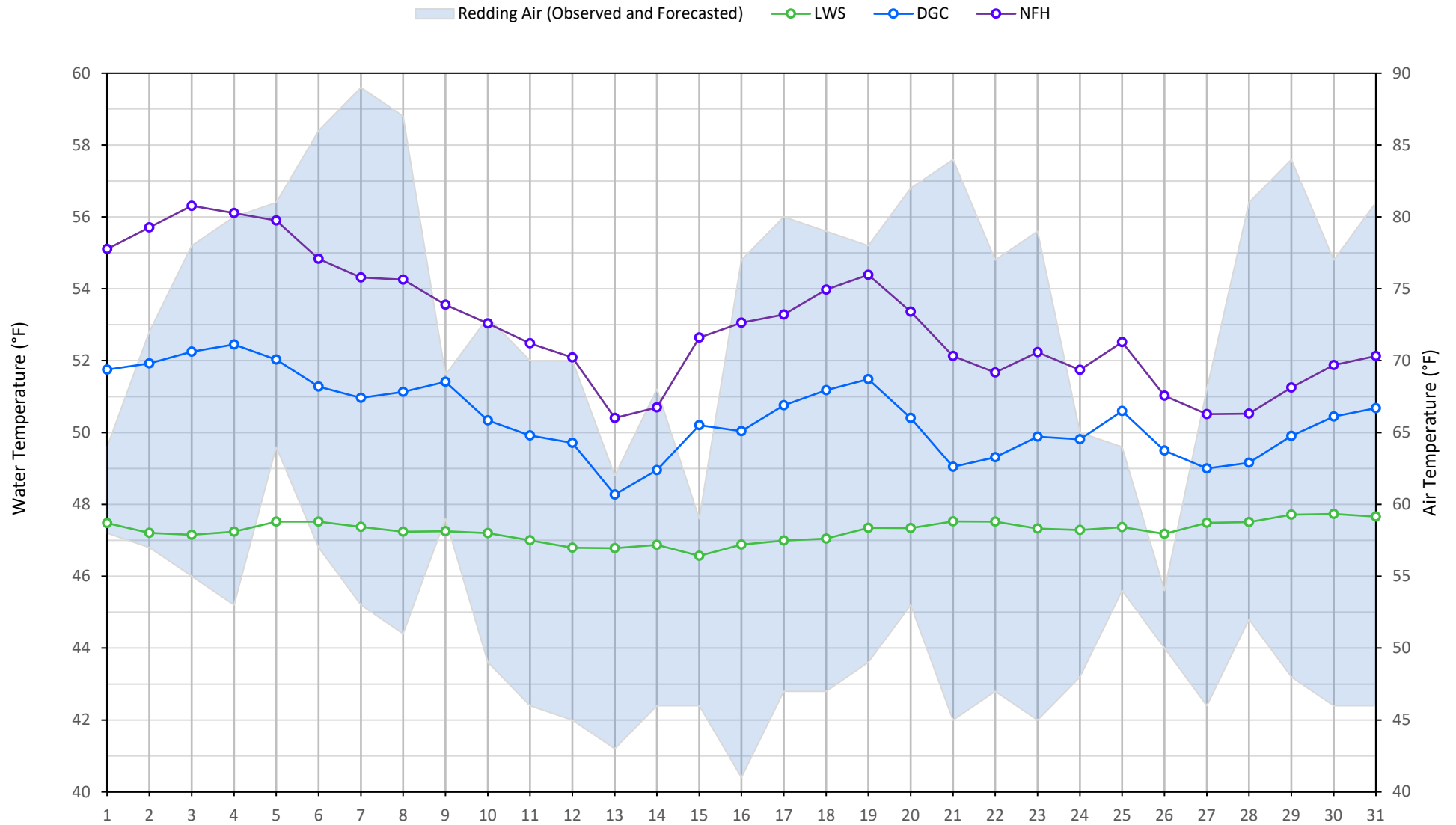
Station Details			
Code	Body of Water	Location ¹	CDEC Link
TCD	N/A	Shasta Power Plant	N/A
SHD	Sacramento River	0.3 miles downstream of Shasta Power Plant	Click Here
SPP	N/A	Spring Creek Power Plant	N/A
KWK	Sacramento River	0.8 miles downstream of Keswick Dam	Click Here
SAC	Sacramento River	4.8 miles downstream of Keswick Dam	Click Here
CCR	Sacramento River	9.7 miles downstream of Keswick Dam	Click Here
BSF	Sacramento River	25 miles downstream of Keswick Dam	Click Here
JLF	Sacramento River	34 miles downstream of Keswick Dam	Click Here
BND	Sacramento River	41 miles downstream of Keswick Dam	Click Here
RDB	Sacramento River	58 miles downstream of Keswick Dam	Click Here
IGO	Clear Creek	7.3 miles downstream of Whiskeytown Dam	Click Here

Water Right Temperature Control Points				
River	Point	Temp. (°F)	Begin Date	End Date
Sacramento	CCR	58.0	3/1/2025	5/14/2025
Sacramento	CCR	53.5	5/15/2025	TBD

Notes

¹ Distances are approximate

Trinity River Mean Daily Temperatures



Station Details

Code	Body of Water	Location ¹	CDEC Link
LWS	Trinity River	1.1 miles downstream of Lewiston Dam	Click Here
DGC	Trinity River	19 miles downstream of Lewiston Dam	Click Here
NFH	Trinity River	38 miles downstream of Lewiston Dam	Click Here

Water Right Temperature Control Points

River	Point	Temp. (°F)	Begin Date	End Date
Trinity	DGC	56	Sep-15	Oct-01
Trinity	NFH	56	Oct-01	Dec-31

Notes

¹ Distances are approximate