

Northern CVP Water Temperature Report

March - 2024

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— BUREAU OF —
RECLAMATION

All Data in this Report is Preliminary and Subject to Change

DATE	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
Feb	50.4	49.0	48.8	49.3	49.3	49.4	49.8	49.8	50.0	49.3	46.5	45.4	46.2	14954	1679	19871	51.8	48.8	50.2
03/01	50.6	48.4	49.2	48.8	48.8	49.0	49.3	49.5	49.7	48.5	47.1	44.8	45.6	18599	1764	19383	49.5	49.5	49.9
03/02	50.7	48.3	49.2	48.6	48.5	48.6	48.4	48.5	48.6	47.1	46.8	42.7	43.2	15904	1721	8449	42.5	43.4	43.7
03/03	50.7	48.4	49.0	48.5	48.4	48.6	48.1	47.7	47.6	46.8	46.8	42.6	42.8	14828	1745	15339	44.0	41.6	43.5
03/04	50.7	48.4	48.8	48.5	48.4	48.5	48.1	47.8	47.8	46.9	46.8	43.2	43.5	14611	1739	15260	42.5	42.2	43.0
03/05	50.6	48.5	48.8	48.6	48.6	48.8	48.4	48.4	48.4	48.4	46.7	43.6	44.2	12895	1747	15103	50.0	50.8	51.7
03/06	50.1	48.6	48.8	48.8	49.0	49.1	49.4	49.2	49.4	49.9	46.8	44.7	45.5	13941	1723	15176	54.5	51.5	53.1
03/07	51.1	48.9	48.7	48.9	49.1	49.3	49.7	50.0	50.2	49.2	46.8	45.3	46.2	10589	1365	15151	55.5	50.6	52.7
03/08	51.1	48.8	48.7	49.2	49.4	49.6	49.9	50.1	50.4	48.9	46.6	45.2	46.2	13604	1754	15252	57.5	50.4	53.1
03/09	51.3	48.7	48.7	49.1	49.3	49.5	49.9	50.1	50.4	48.8	46.6	45.4	46.3	13793	1754	15199	52.0	48.8	51.1
03/10	50.2	48.6	48.6	48.9	49.0	49.2	49.7	50.0	50.3	48.7	46.7	45.1	46.1	13360	1615	14940	53.5	50.4	50.9
03/11	51.2	48.6	48.5	48.9	49.0	49.1	49.5	49.7	49.9	48.7	46.7	44.8	45.5	14270	1731	15224	51.5	48.5	50.0
03/12	50.4	48.5	48.6	48.9	49.2	49.3	49.9	50.1	50.3	49.5	47.0	45.7	46.4	13669	1659	15100	52.5	51.0	51.8
03/13	50.4	48.6	48.7	48.8	49.1	49.3	50.0	50.4	50.8	49.3	47.3	45.7	46.7	14265	1747	15177	55.0	50.8	52.8
03/14	50.5	49.0	48.7	49.1	49.4	49.6	50.2	50.5	50.8	49.3	47.7	46.2	47.1	12012	1734	13079	62.0	57.7	58.7
03/15	50.5	48.7	48.9	49.3	49.6	49.9	50.6	50.9	51.2	49.8	48.0	46.2	47.1	10668	1721	11353	66.5	62.0	60.3
03/16	50.9	49.2	49.0	49.6	49.9	50.3	51.1	51.5	52.0	50.1	48.4	46.8	47.5	9453	976	9711	61.0	55.8	58.3
03/17	51.0	49.2	49.0	49.9	50.3	50.8	51.7	52.4	52.9	50.5	48.8	47.6	48.3	7432	471	8205	63.5	58.1	59.8
03/18	50.9	49.3	48.8	49.9	50.4	50.9	52.3	53.2	53.9	50.7	49.2	48.5	49.0	6525	461	7090	63.0	58.2	59.8
03/19	51.0	?	49.5	48.7	50.1	50.7	51.3	52.9	53.9	54.6	51.1	49.8	49.4	5555	1095	6132	62.0	58.3	61.1
03/20	51.0	49.1	48.8	50.2	50.7	51.3	53.5	54.8	55.5	51.1	50.1	49.9	50.0	5068	986	5848	62.0	59.0	59.8
03/21	51.6	49.2	48.1	50.3	50.9	51.5	53.3	54.4	55.3	49.6	50.5	49.9	50.2	4518	113	5679	59.0	57.6	57.9
03/22	50.6	49.0	48.6	50.2	50.5	50.9	52.7	54.2	54.9	49.3	50.5	48.9	49.3	5297	327	5403	60.0	54.2	55.1
03/23	50.1	48.7	48.6	50.0	50.9	50.6	50.8	52.2	52.9	49.2	50.3	47.3	47.2	4864	399	5339	53.0	49.8	51.7
03/24	50.4	48.8	48.9	49.7	50.7	51.0	50.8	50.7	51.2	49.5	50.3	47.6	47.6	4271	287	5091	56.5	50.6	54.3
03/25	50.5	49.0	48.4	49.6	50.3	50.8	52.3	52.9	53.5	49.6	50.4	48.8	48.8	4368	125	4879	55.0	52.0	53.8
03/26	50.7	49.1	48.6	49.9	50.5	50.9	52.4	53.2	54.0	49.6	50.4	48.8	49.2	3569	199	4622	54.5	52.5	55.9
03/27	50.5	48.9	47.0	50.2	50.4	50.5	52.1	53.1	53.5	49.4	50.4	48.3	48.5	4557	44	4445	54.5	51.7	53.1
03/28	50.5	48.9	49.0	50.1	50.8	50.9	50.9	51.0	51.9	49.6	50.3	47.4	47.3	3024	546	4338	54.5	51.5	53.5
03/29	49.4	49.0	48.9	49.9	50.2	50.5	51.0	51.2	51.3	49.2	50.3	46.4	46.9	3598	393	4039	49.5	46.5	47.2
03/30	49.9	49.3	47.0	50.0	50.6	50.8	51.4	51.0	51.2	49.7	50.4	46.8	46.8	3965	44	4026	55.0	49.9	52.0
03/31	51.2	49.4	47.0	49.8	50.7	51.3	52.5	52.6	53.1	50.2	50.4	48.4	48.6	3899	44	4031	55.5	52.0	54.0
Mar	50.6	48.8	48.6	49.4	49.8	50.0	50.7	51.1	51.5	49.3	48.5	46.5	47.0	9436	1066	10134	55.1	51.8	53.3
														Total CFS	286971	32029	308063		
														Total AF	569195	63528	611030		

Legend

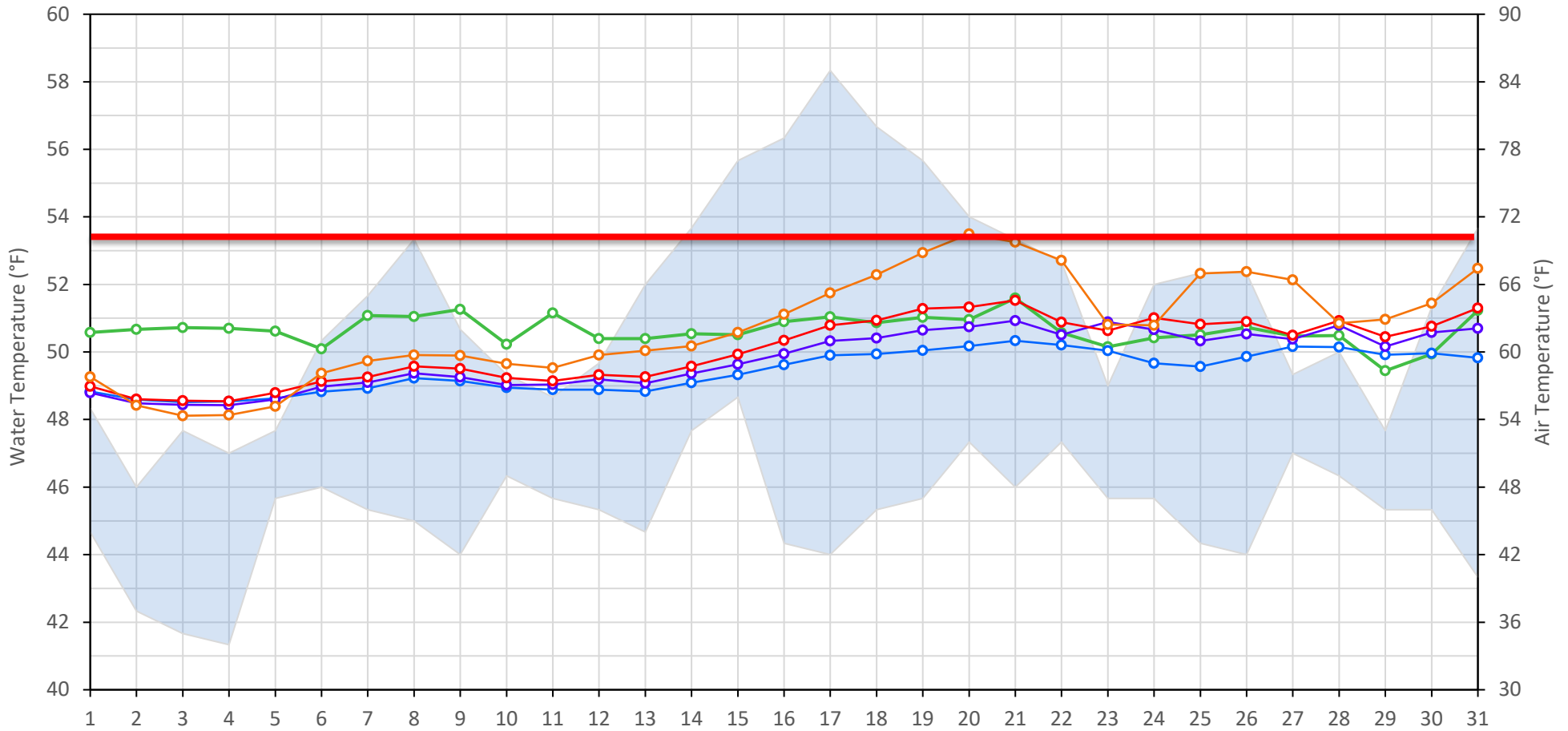
- ? = 1-9 hours of data missing (Average includes estimations)
- ! = 10 or more hours of data missing (Average not calculated)
- # = Station out of service
- ↑ = Record high air temperature
- ↓ = Record low air temperature
- = Monthly Averages

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)

Sacramento River Mean Daily Temperatures

Redding Air (Observed and Forecasted) TCD KWK SAC CCR BSF



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

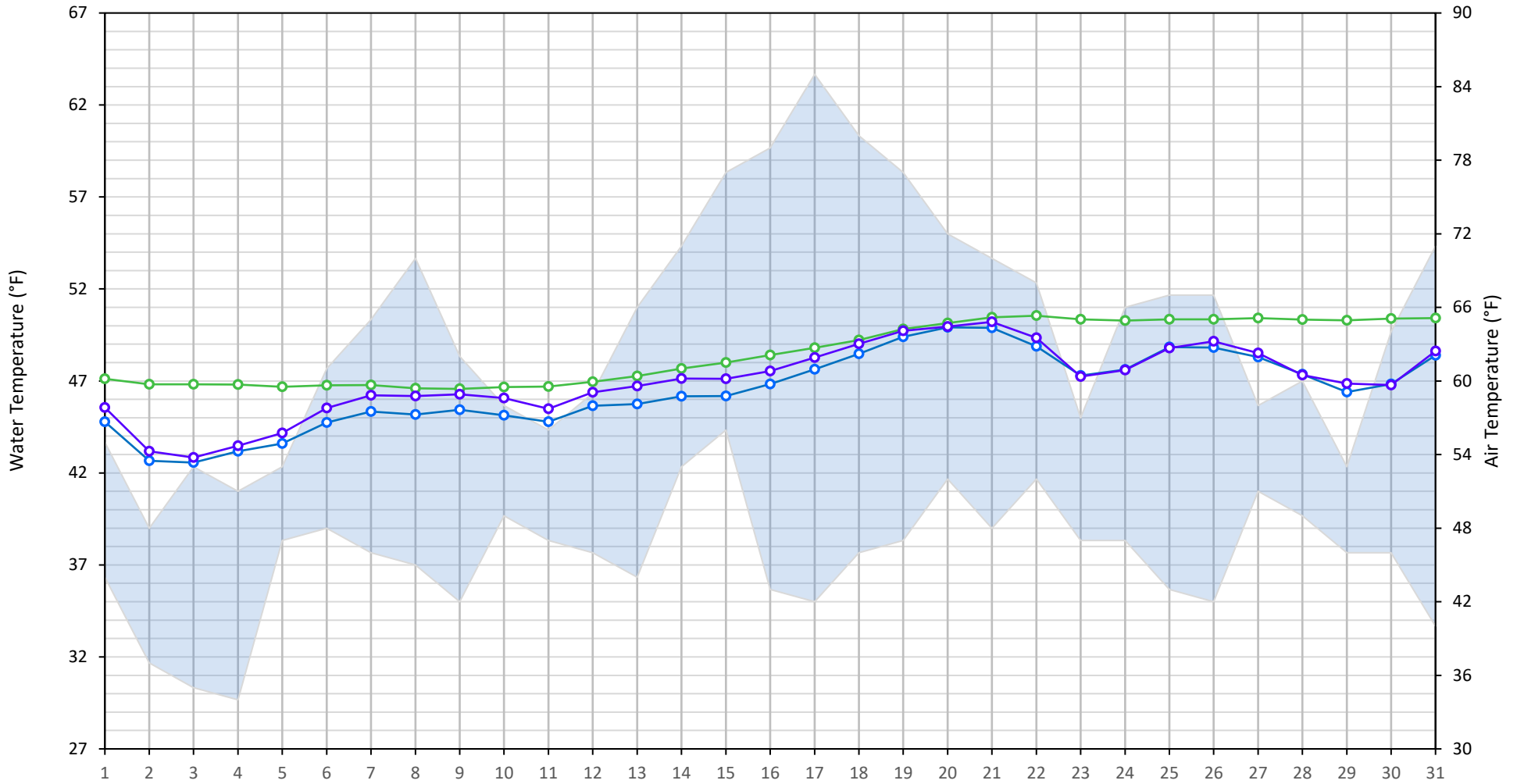
Water Right Temperature Control Points				
River	Point	Temp. (°F)	Begin Date	End Date
Sacramento	CCR	53.5	05/14/2023	TBD

Notes

¹ Distances are approximate

Trinity River Mean Daily Temperatures

Redding Air (Observed and Forecasted) LWS DGC NFH



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

Notes

¹ Distances are approximate