

# Northern CVP Water Temperature Report

## February - 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 <sup>1</sup>	SHD	SPP <sup>1</sup>	KWK	SAC	CCR <sup>2</sup>	BSF	BND	RDB	IGO	LWS	DGC	NFH	Shasta Generation	Spring Creek P.P.	Keswick Total	RDD	BSF	RDB
Jan	50.8	50.3	49.0	50.3	50.2	50.3	50.0	49.6	49.7	48.7	44.8	44.1	44.9	3815	1050	5127	50.2	47.3	48.9
02/01	49.8	49.3	48.8	49.5	49.7	49.6	50.7	? 50.9	51.0	50.7	45.9	46.2	47.1	13283	1701	14435	55.0	51.5	51.6
02/02	49.8	49.3	48.9	49.6	49.6	49.7	50.4	50.6	50.7	50.2	45.9	45.9	46.8	13912	1723	14560	48.0	47.1	48.4
02/03	50.0	49.4	49.0	49.3	49.2	49.3	49.4	49.6	49.7	48.4	45.9	44.5	45.3	14117	1726	14394	46.5	43.3	44.9
02/04	50.3	49.7	49.1	49.3	49.1	49.2	48.9	48.8	48.8	48.0	45.8	43.5	44.4	13685	1729	14658	49.0	44.0	44.8
02/05	49.7	49.1	49.1	49.7	49.6	49.8	49.8	49.1	48.9	50.1	46.3	44.4	45.1	13429	1727	14912	54.0	53.6	53.4
02/06	49.9	49.3	49.1	49.5	49.4	49.5	50.0	49.9	50.1	49.9	46.6	45.3	46.1	13717	1718	14635	49.5	48.1	50.6
02/07	50.0	49.4	49.0	49.4	49.2	49.3	49.2	49.1	49.2	48.4	46.3	44.8	45.4	13717	1718	14635	42.0	40.8	42.4
02/08	50.0	49.3	48.8	49.2	49.2	49.3	48.8	48.3	48.2	47.9	46.1	44.3	44.9	14400	1729	14732	42.5	40.0	41.7
02/09	49.9	49.2	48.7	49.3	49.2	49.4	49.3	49.1	48.9	48.0	46.1	44.2	44.7	13416	1722	15036	49.0	44.5	45.2
02/10	49.9	49.2	48.7	49.2	49.2	49.3	49.5	49.2	49.3	? 47.9	? 46.2	? 44.2	? 44.9	13570	1720	14961	53.0	48.4	49.8
02/11	49.9	49.2	48.7	49.2	49.2	49.3	49.3	49.1	49.3	? 47.7	? 46.2	44.2	44.8	13508	1714	14752	48.0	43.9	46.0
02/12	49.9	49.2	48.7	49.2	49.1	? 49.3	49.3	49.1	49.2	48.0	46.3	44.5	45.1	13224	1726	14692	49.0	43.6	45.7
02/13	50.3	49.1	? 48.6	49.2	49.2	49.3	49.5	49.4	49.5	48.6	46.4	44.8	45.5	13882	1100	14691	51.5	46.8	47.6
02/14	50.8	48.8	48.6	49.1	49.0	49.2	49.3	49.4	49.6	48.5	46.3	45.0	45.5	14018	1747	15111	50.0	48.7	50.1
02/15	50.6	48.6	48.6	48.9	49.0	49.2	49.6	49.6	49.8	49.4	46.4	45.2	45.7	12223	1728	14876	53.5	51.9	53.3
02/16	50.6	48.6	48.5	48.9	49.0	49.1	49.7	49.9	50.0	50.0	46.6	46.1	46.8	13168	1748	14865	55.5	51.6	52.6
02/17	50.8	48.7	48.5	49.0	49.1	49.2	49.6	49.8	49.9	49.8	46.6	45.9	46.8	13542	1748	15093	52.5	50.1	50.2
02/18	50.8	48.8	48.5	49.2	49.4	49.4	50.2	50.1	50.2	50.7	46.6	45.8	46.5	11832	1551	14932	53.5	51.8	52.5
02/19	50.7	48.7	48.5	49.8	50.0	49.8	50.8	50.9	51.0	51.3	46.7	46.0	46.8	12758	1743	15061	55.0	53.3	54.1
02/20	50.4	48.4	48.6	49.3	49.5	? 49.5	50.5	51.0	51.3	51.0	46.7	46.3	47.2	16409	1713	18564	53.0	52.3	52.7
02/21	50.6	48.7	48.6	49.2	49.2	49.3	49.9	50.2	50.7	49.4	46.8	46.5	47.4	18930	1771	25083	53.5	50.4	51.1
02/22	50.8	49.0	48.6	49.4	49.4	49.5	50.1	50.5	51.0	49.6	46.9	46.9	47.9	19330	1815	31629	55.5	51.6	53.0
02/23	50.9	49.3	48.7	49.6	49.6	49.7	50.0	50.3	50.6	50.0	46.8	46.3	47.3	19096	1775	34827	56.0	50.7	53.1
02/24	50.9	49.2	49.0	49.6	49.6	49.8	50.2	50.4	? 50.9	50.3	46.9	46.5	47.5	15206	1407	35202	57.0	52.2	54.8
02/25	50.8	49.2	48.9	49.6	49.6	49.8	50.2	50.4	50.9	50.3	47.0	46.7	47.5	14462	1299	35295	56.0	52.0	54.7
02/26	50.7	49.0	48.9	49.4	49.4	49.5	50.0	50.4	50.8	49.8	46.9	46.5	47.4	19362	1711	35276	55.5	52.0	54.7
02/27	50.6	49.0	49.1	49.3	49.3	49.4	49.6	49.7	50.0	48.7	46.8	44.5	45.4	17139	1688	30874	54.0	49.0	50.7
02/28	50.7	49.0	49.4	49.4	49.4	49.6	49.8	49.8	50.2	49.2	47.1	45.1	45.6	19126	1730	26199	50.5	48.6	52.8
02/29	50.6	48.6	49.3	49.3	49.3	49.5	49.9	50.2	50.3	49.4	47.2	46.7	47.2	19198	1750	22272	54.0	53.3	54.2
-																			
-																			
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
														Total CFS	433659	48677	576252		
														Total AF	860145	96549	1142972		

**Legend**

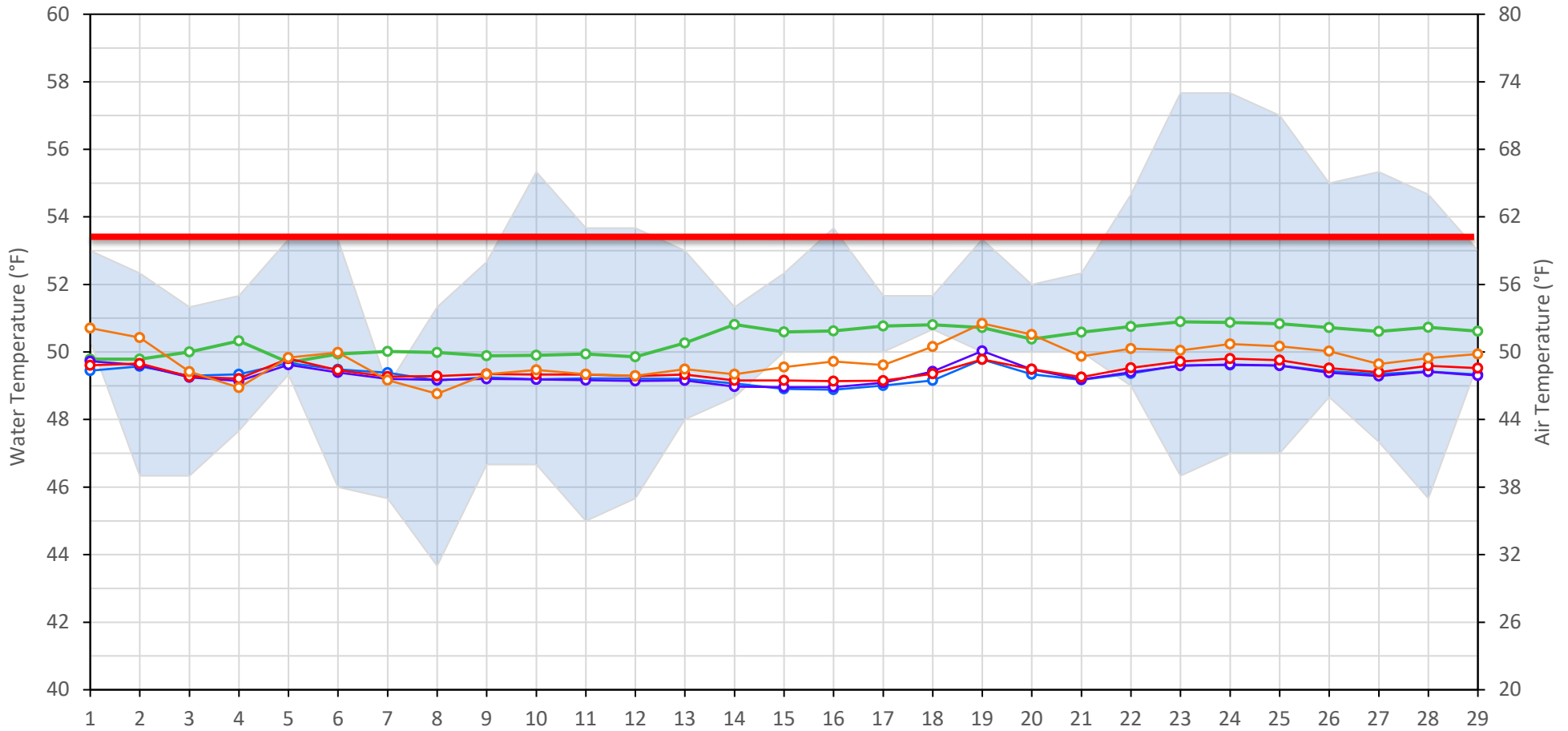
- ? = 1-9 hours of data missing (Average includes estimations)
- ! = 10 or more hours of data missing (Average not calculated)
- # = Station out of service
- ↑ = Record high air temperature
- ↓ = Record low air temperature
- = Monthly Averages

**Notes**

- <sup>1</sup> 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
- <sup>2</sup> 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 <sup>1</sup>	CDEC Link
TCD	N/A	Shasta Power Plant	N/A
SHD	Sacramento River	0.3 miles downstream of Shasta Power Plant	<a href="#">Click Here</a>
SPP	N/A	Spring Creek Power Plant	N/A
KWK	Sacramento River	0.8 miles downstream of Keswick Dam	<a href="#">Click Here</a>
SAC	Sacramento River	4.8 miles downstream of Keswick Dam	<a href="#">Click Here</a>
CCR	Sacramento River	9.7 miles downstream of Keswick Dam	<a href="#">Click Here</a>
BSF	Sacramento River	25 miles downstream of Keswick Dam	<a href="#">Click Here</a>
JLF	Sacramento River	34 miles downstream of Keswick Dam	<a href="#">Click Here</a>
BND	Sacramento River	41 miles downstream of Keswick Dam	<a href="#">Click Here</a>
RDB	Sacramento River	58 miles downstream of Keswick Dam	<a href="#">Click Here</a>
IGO	Clear Creek	7.3 miles downstream of Whiskeytown Dam	<a href="#">Click Here</a>

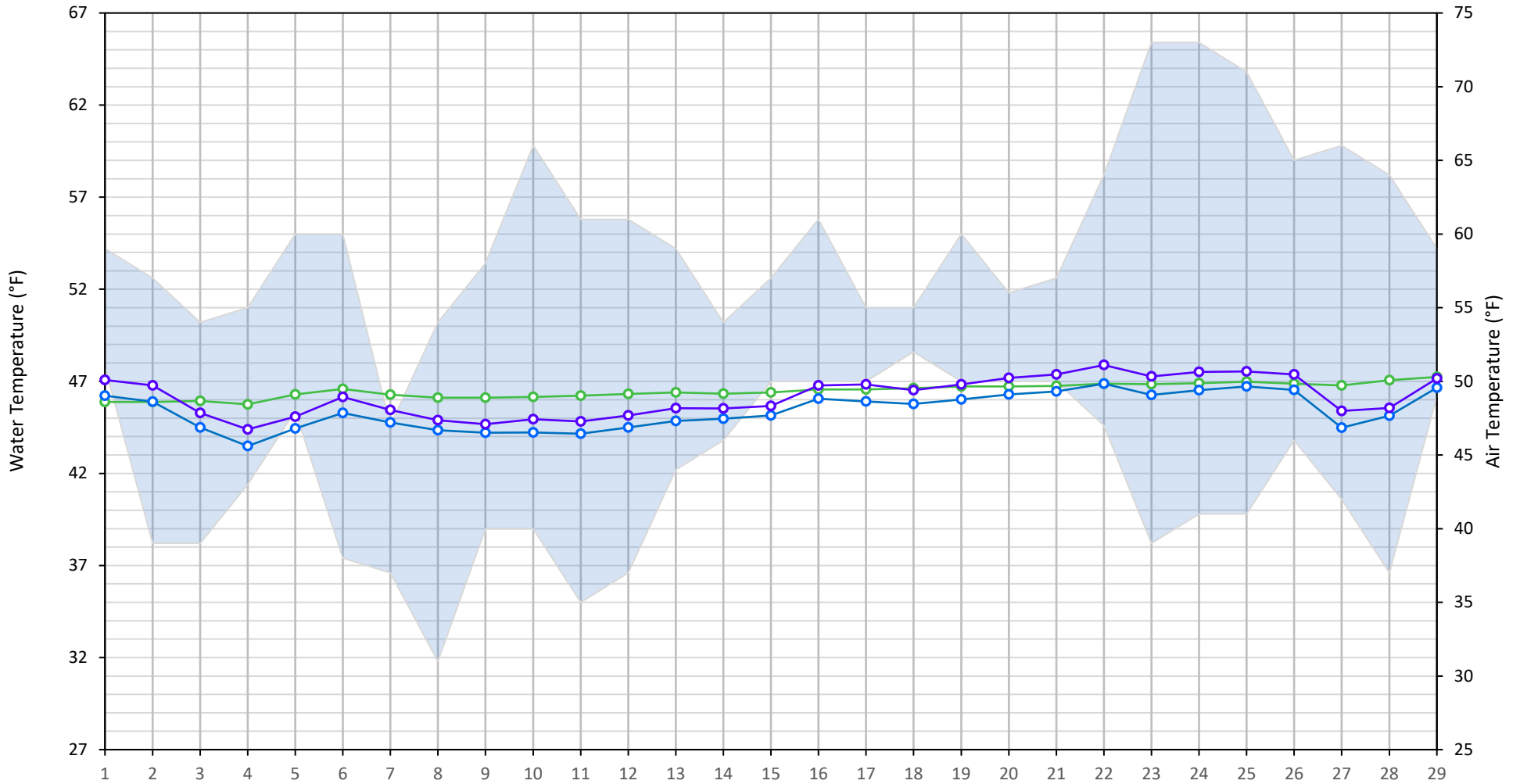
Water Right Temperature Control Points				
River	Point	Temp. (°F)	Begin Date	End Date
Sacramento	CCR	53.5	05/14/2023	TBD

**Notes**

<sup>1</sup> Distances are approximate

# Trinity River Mean Daily Temperatures

Redding Air (Observed and Forecasted) LWS DGC NFH



Station Details			
Code	Body of Water	Location <sup>1</sup>	CDEC Link
LWS	Trinity River	1.1 miles downstream of Lewiston Dam	<a href="#">Click Here</a>
DGC	Trinity River	19 miles downstream of Lewiston Dam	<a href="#">Click Here</a>
NFH	Trinity River	38 miles downstream of Lewiston Dam	<a href="#">Click Here</a>

Water Right Temperature Control Points				
River	Point	Temp. (°F)	Begin Date	End Date

**Notes**

<sup>1</sup> Distances are approximate