



**State Water Resources Control Board
 Temporary Urgency Change Order (6/17/2022)
 Russian River Hydrologic Report
 August 5, 2022 - August 11, 2022**

Prepared as a requirement of the Order approving Sonoma Water's Petition for Temporary Urgency Change in Permits 12947A, 12949, 12950, and 16596 (Applications 12919A, 15736, 15737, and 19351).

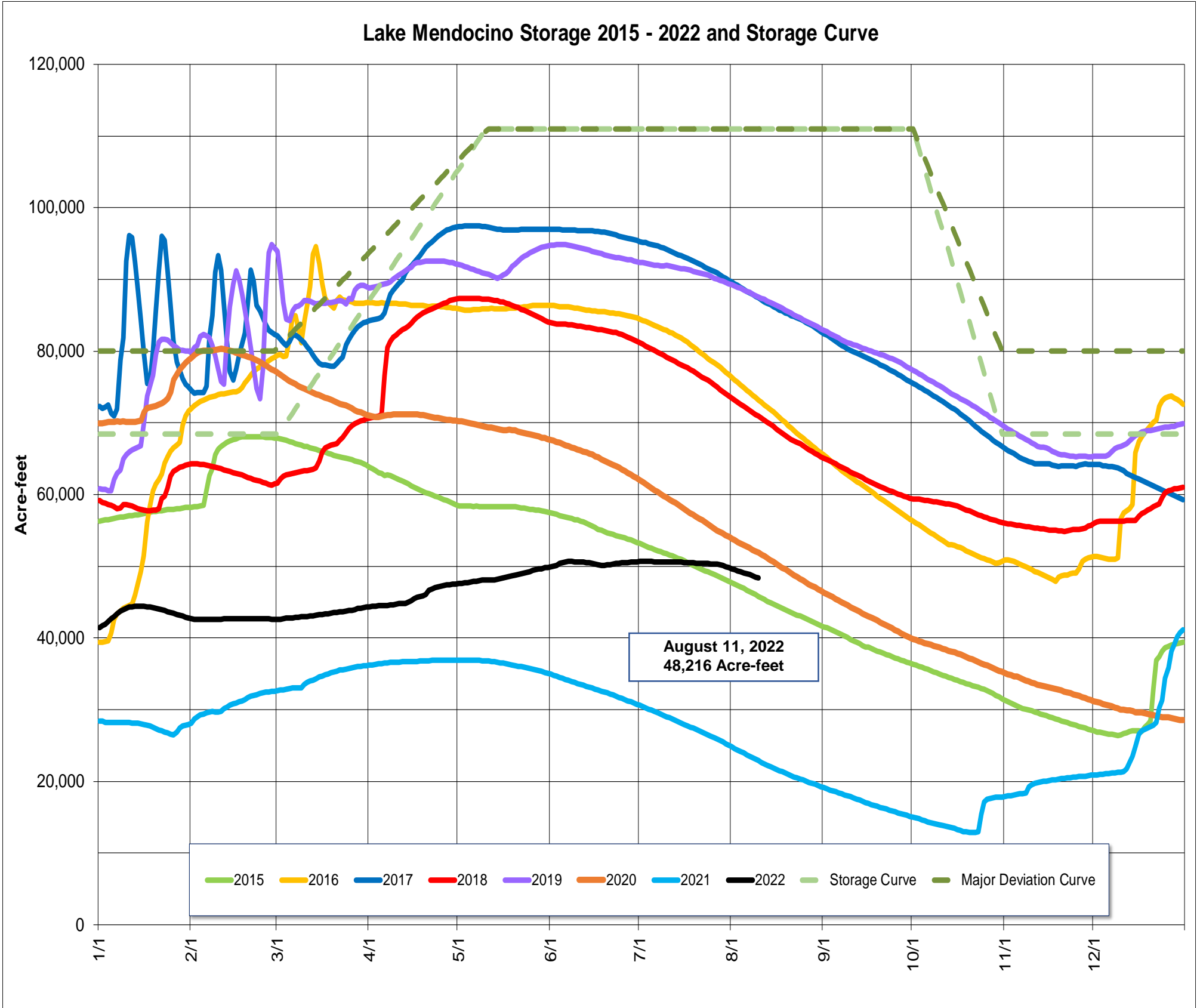
Instream Flow Requirements as of August 11, 2022

Basis	Reach	Instantaneous (cfs)	5-day Average (cfs)
Modified Per Order: Critical Condition	Upper Russian River	15	25
D-1610: Normal Condition	Dry Creek	80	-
Modified Per Order: Critical Condition	Lower Russian River	25	35

Upper and Lower Russian River based on criteria as established in the Order issued 6/17/2022.

Lake Mendocino

Lake Mendocino Storage 2015 - 2022 and Storage Curve



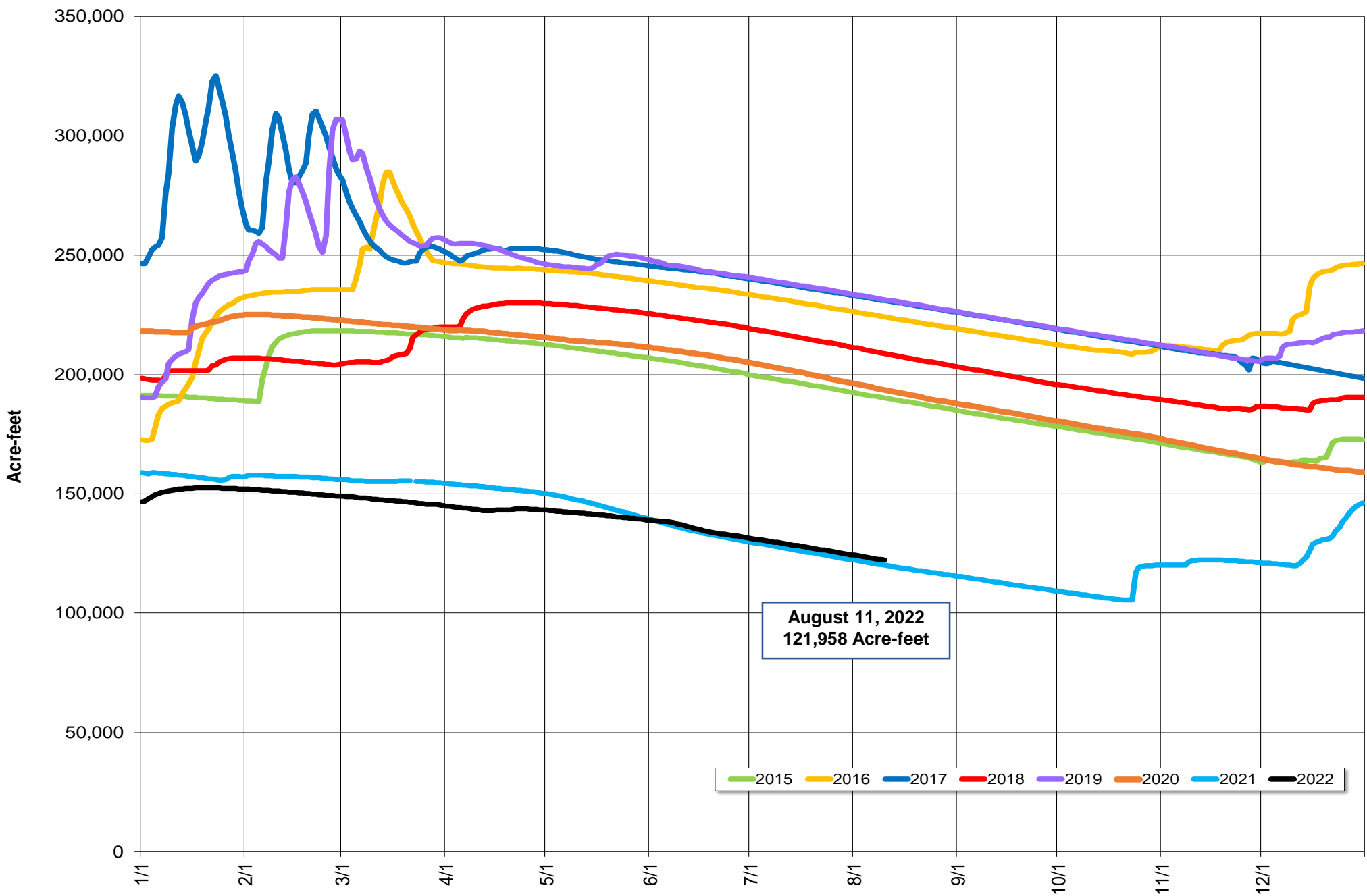
Storage (acre-feet)	August 11, 2022	48,216	
		Total	Average Daily Rate
Change in Storage (acre-feet)	Last 30 days	-2,381	-79
	Last 7 days	-834	-119
Daily Inflow (cfs)	Last 7 days	Min	13
		Max	36
		Mean	24
Release (cfs)	Last 7 days	Min	82
		Max	82
		Mean	82

Lake Sonoma



Nathan Baskett, March 3, 2011

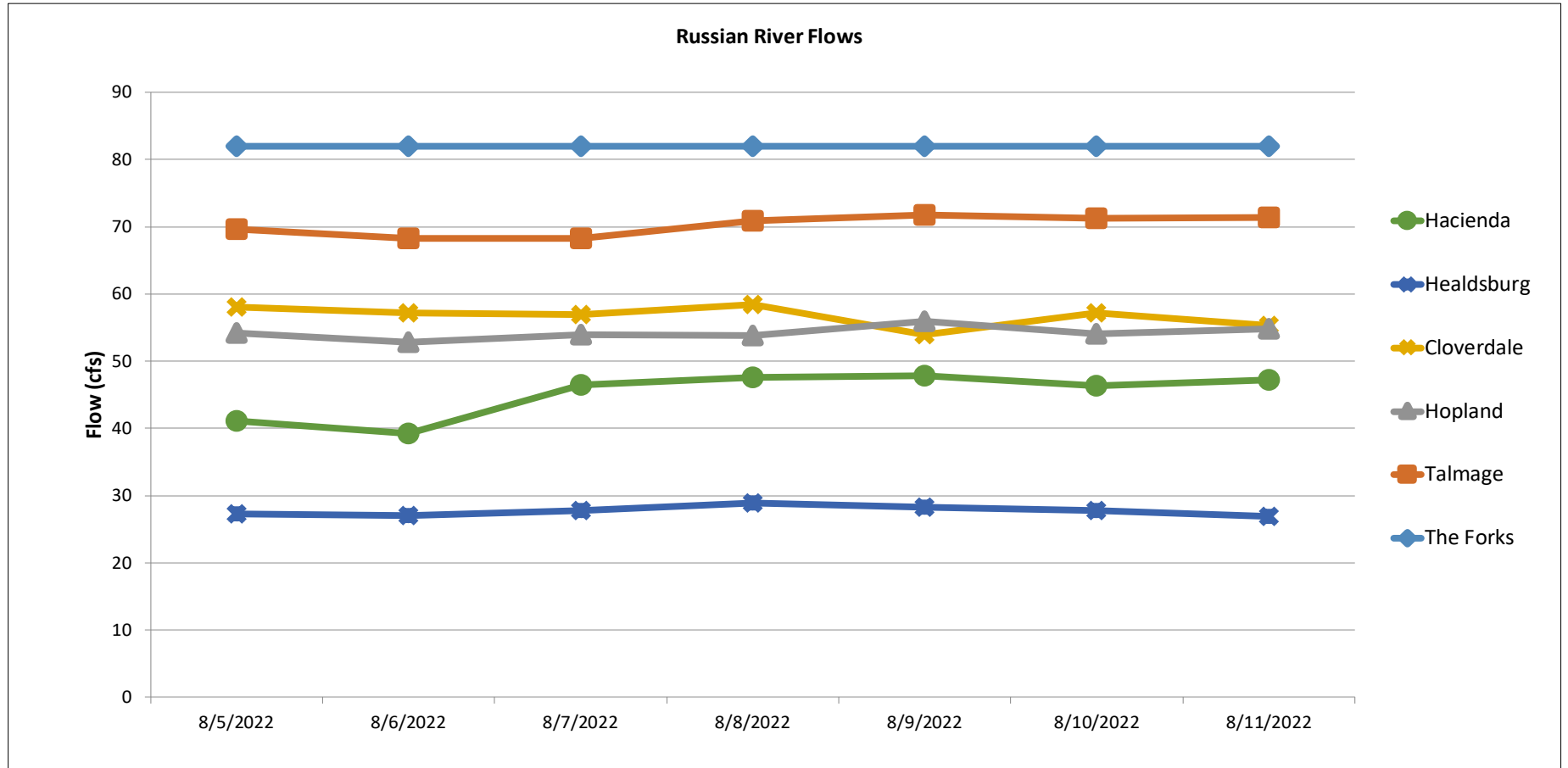
Lake Sonoma Storage 2015-2022



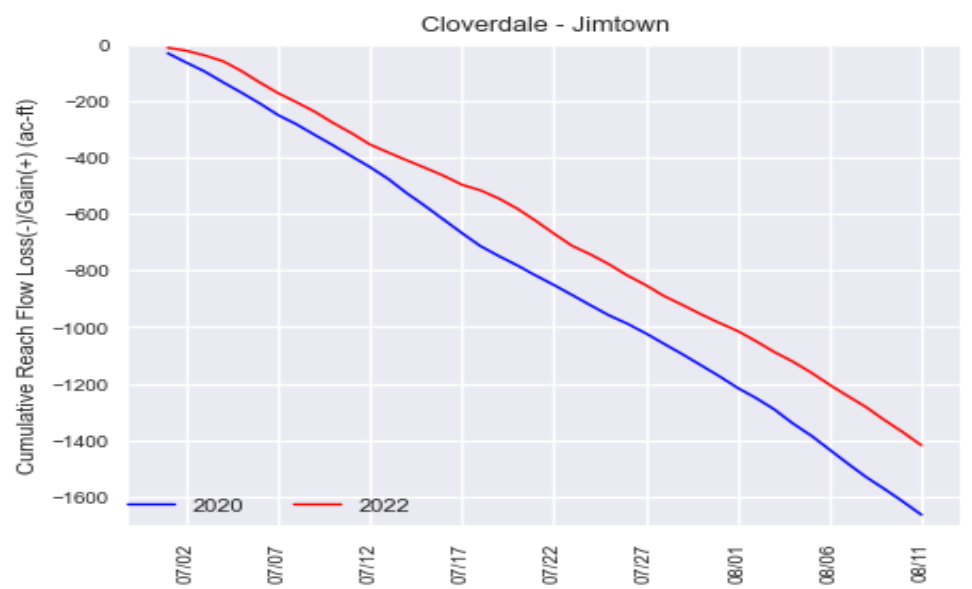
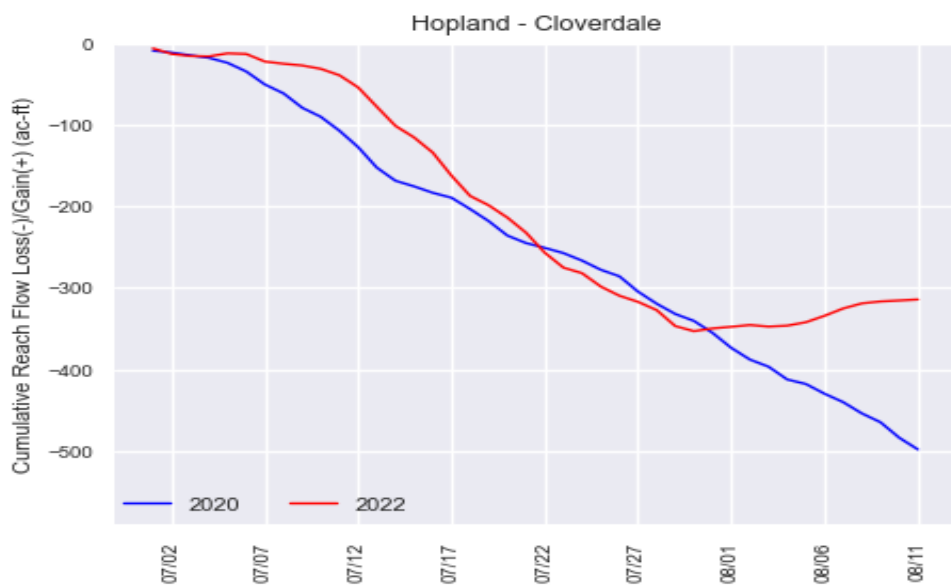
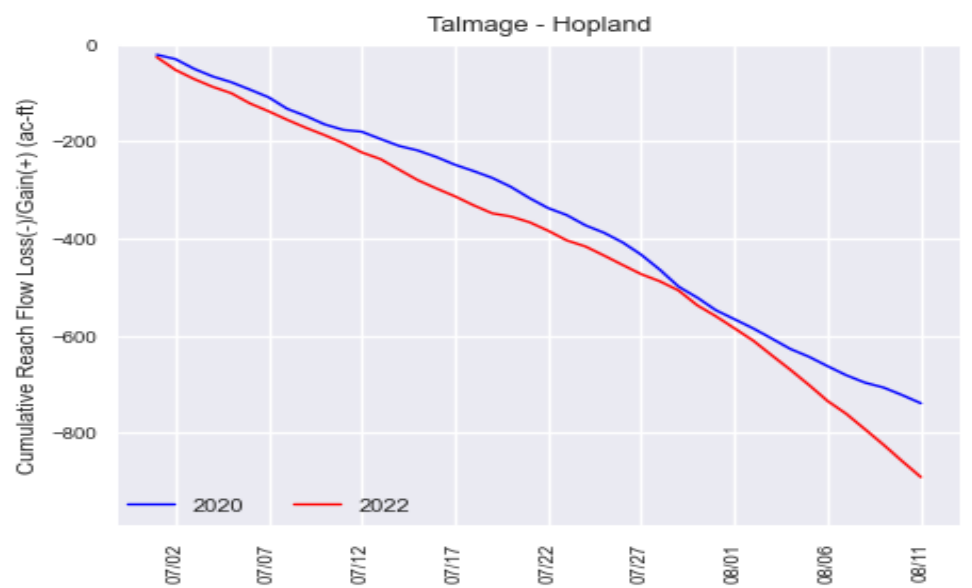
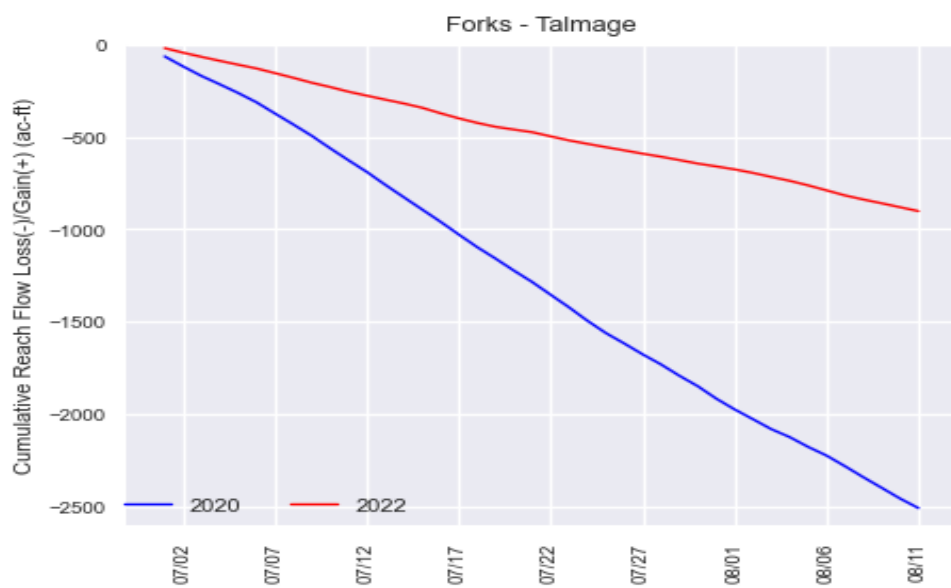
Storage (acre-feet)	August 11, 2022	121,958	
		Total	Average Daily Rate
Change in Storage (acre-feet)	Last 30 days	-7,354	-245
	Last 7 days	-1,375	-196
Daily Inflow (cfs)	Last 7 days	Min	0
		Max	1
		Mean	0
Release (cfs)	Last 7 days	Min	97
		Max	99
		Mean	98

Gage	24-hr Average Flow (cfs)						
	Aug 5, 2022	Aug 6, 2022	Aug 7, 2022	Aug 8, 2022	Aug 9, 2022	Aug 10, 2022	Aug 11, 2022
The Forks*	82	82	82	82	82	82	82
Talmage USGS 11462080	70	68	68	71	72	71	71
Hopland USGS 11462500	54	53	54	54	56	54	55
Cloverdale USGS 11463000	58	57	57	58	54	57	55
Healdsburg USGS 11464000	27	27	28	29	28	28	27
Hacienda USGS 11467000	41	39	46	48	48	46	47

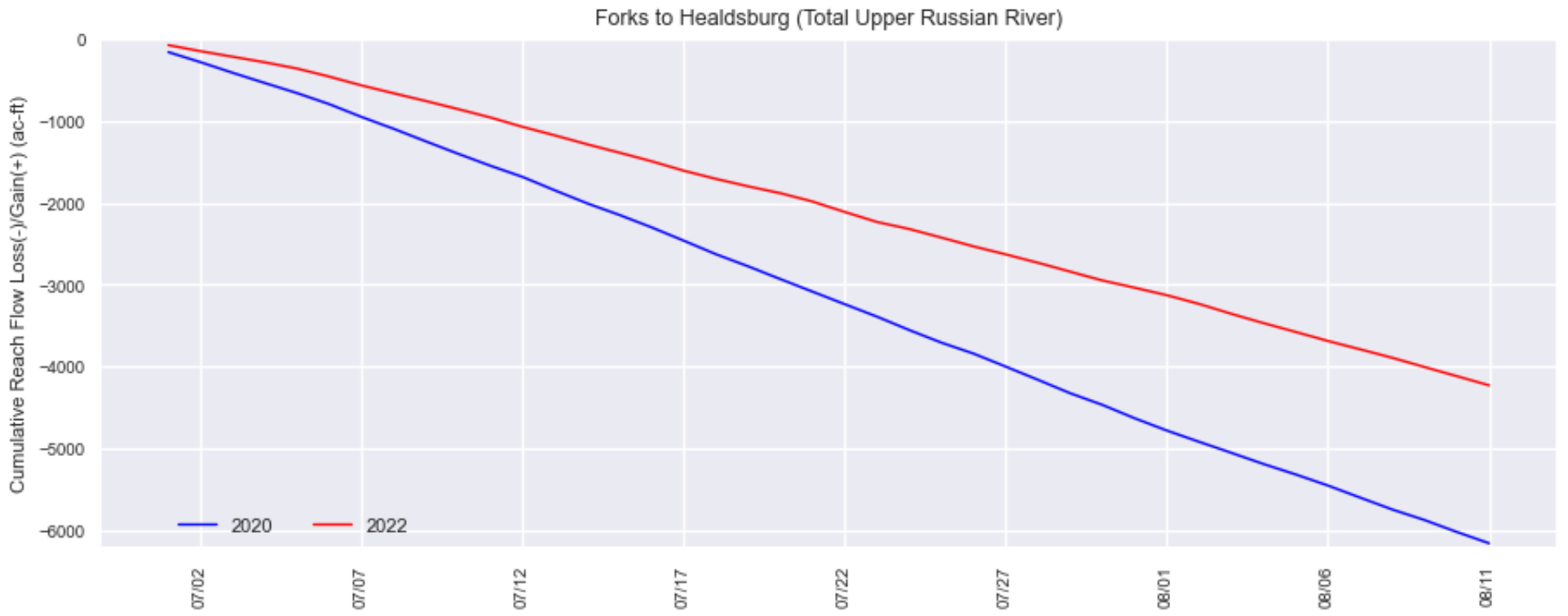
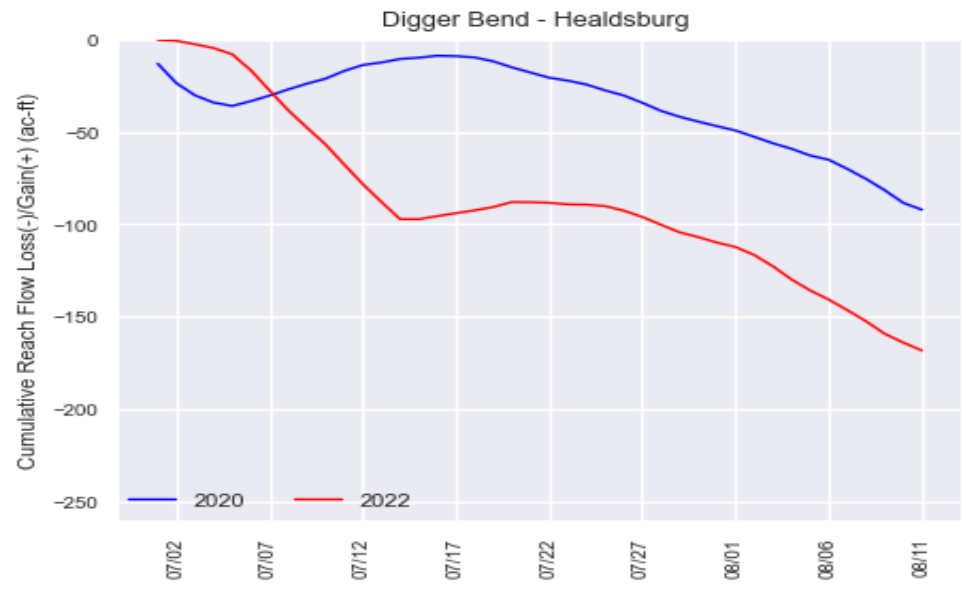
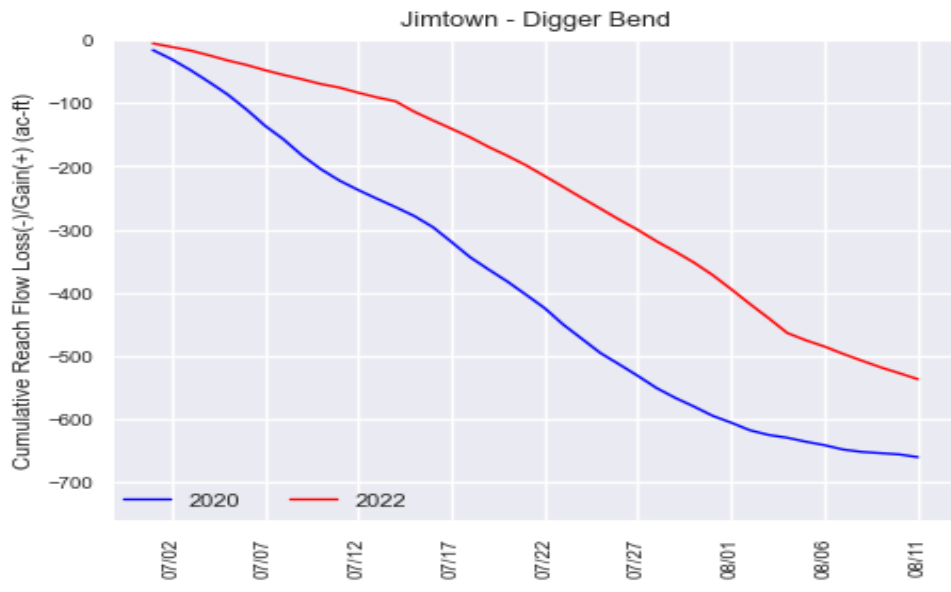
*West Fork(USGS 11461000) + East Fork (Coyote Valley Dam Release)



Upper Russian River Flow Gain/Loss (July 1, 2022 - August 11, 2022)



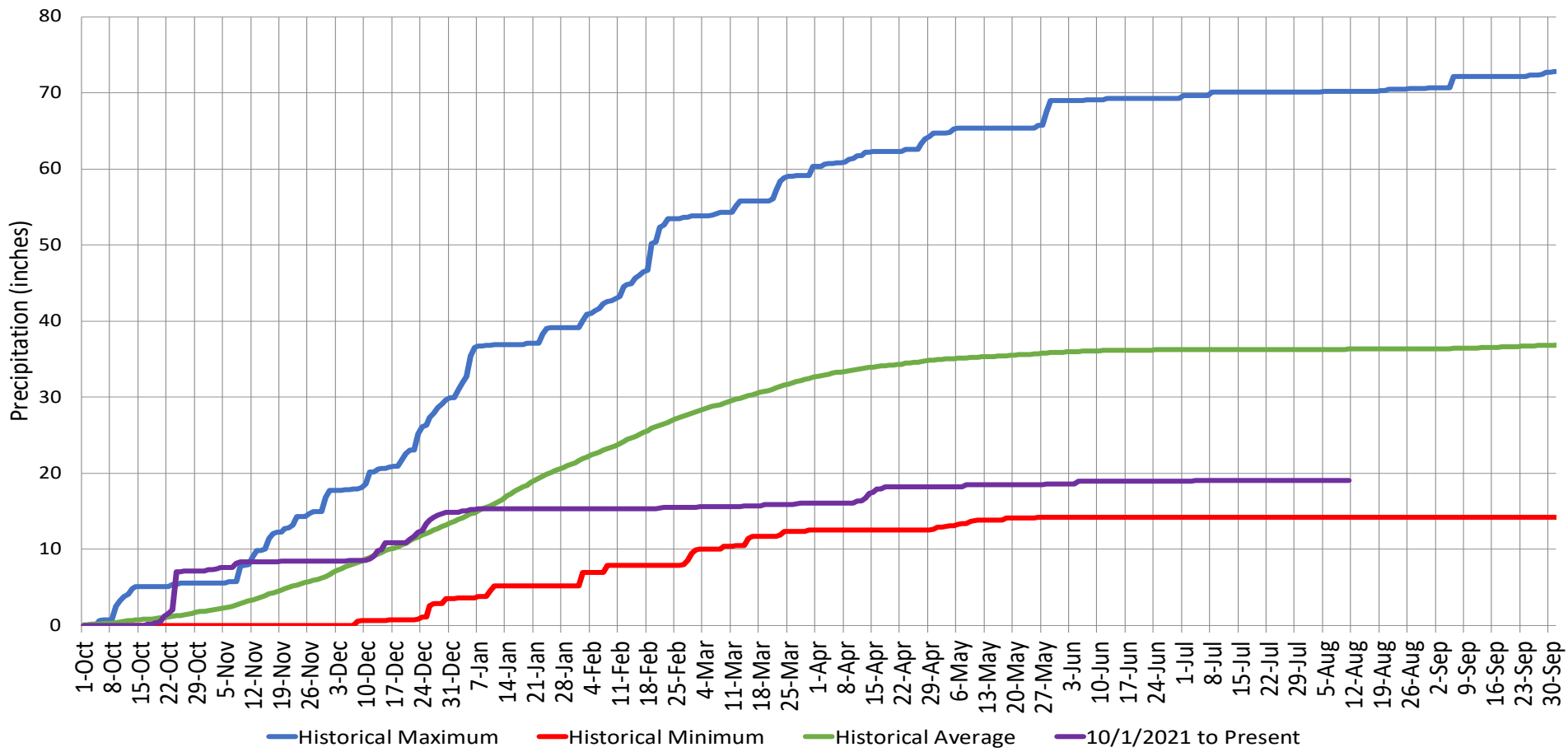
Upper Russian River Flow Gain/Loss (July 1, 2022 - August 11, 2022)



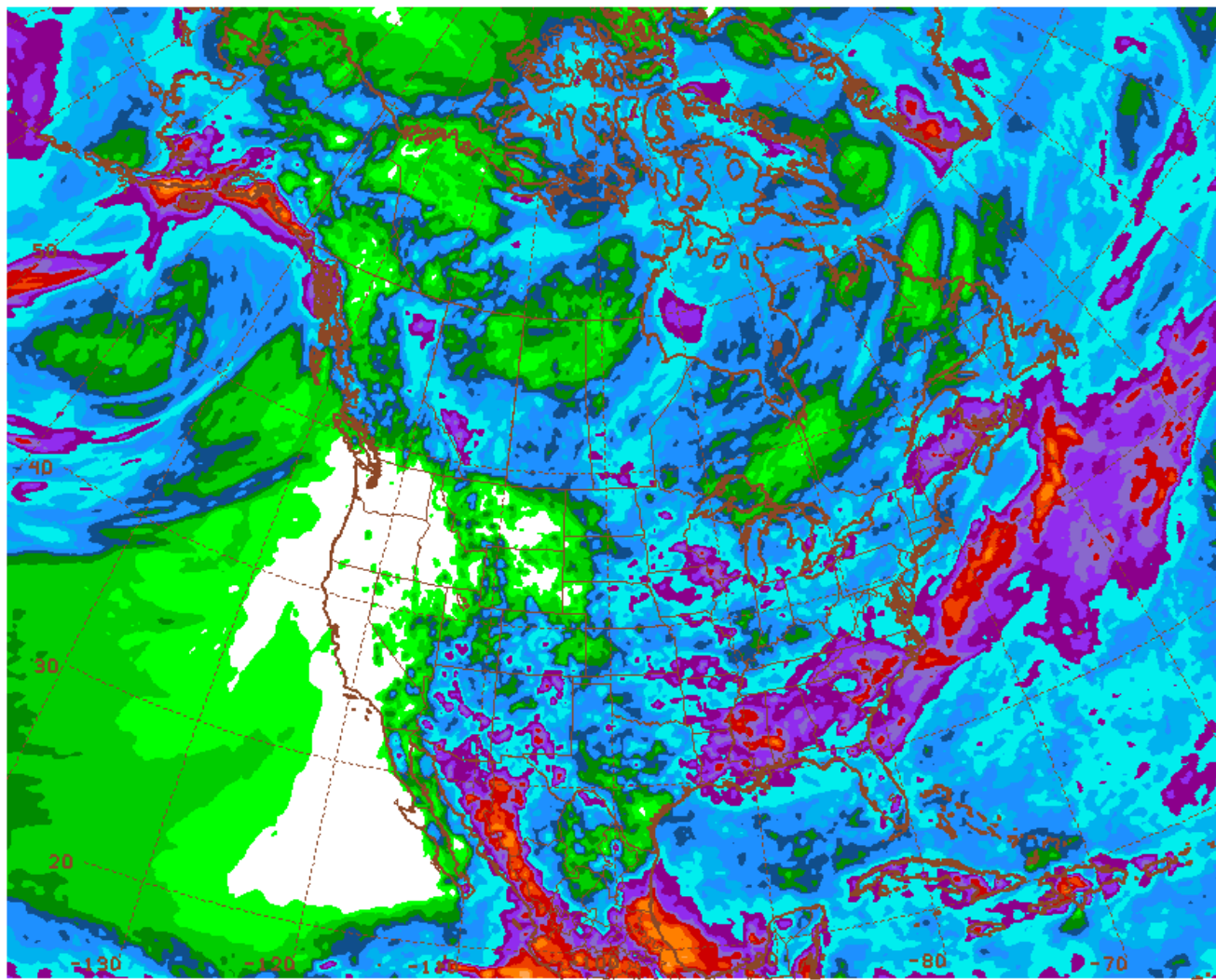
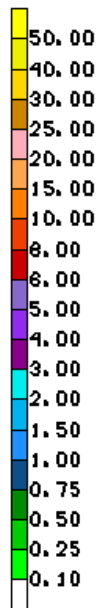
Precipitation

Ukiah Municipal Airport (WBAN: 72590523275 (KUKI))	
Date Range	Cumulative (inches)
Oct 1, 2021 - Aug 11, 2022	19.03
Last 7 Days*	0.00

Cumulative Precipitation Comparison of Current Year versus Historic Record



GFS 08/15/22 12UTC 384HR FCST VALID WED 08/31/22 12UTC NOAA/NWS/NCEP



GFS WED 220831/1200Y384 384HR ACCUMULATED PRECIP (IN)

Date Range
Aug 15 - Aug 31, 2022

Forecasted Cumulative (inches)
0.00