



**State Water Resources Control Board
 Temporary Urgency Change Order (6/17/2022)
 Russian River Hydrologic Report
 July 15, 2022 - July 21, 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).

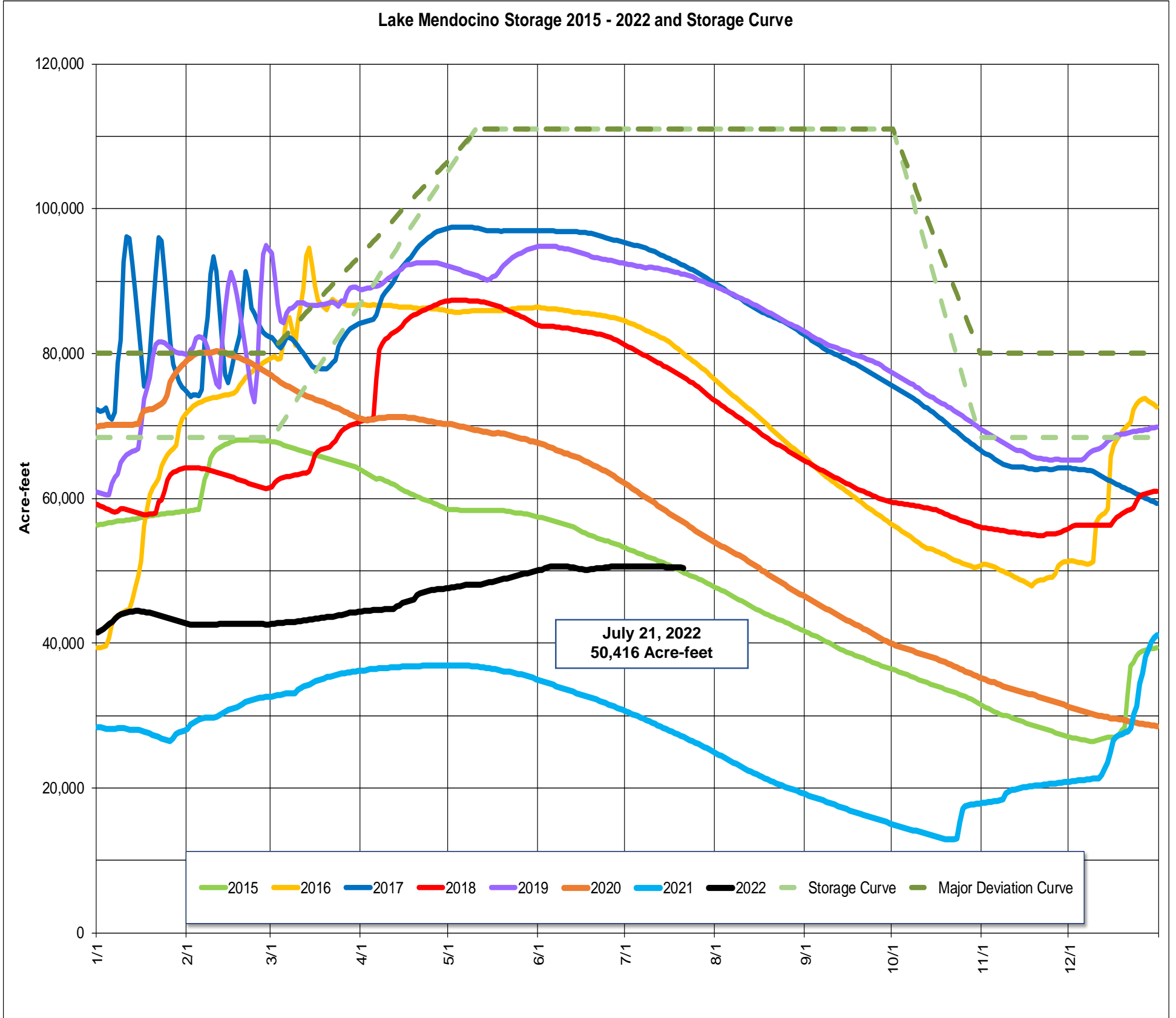
Instream Flow Requirements as of July 21, 2022

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



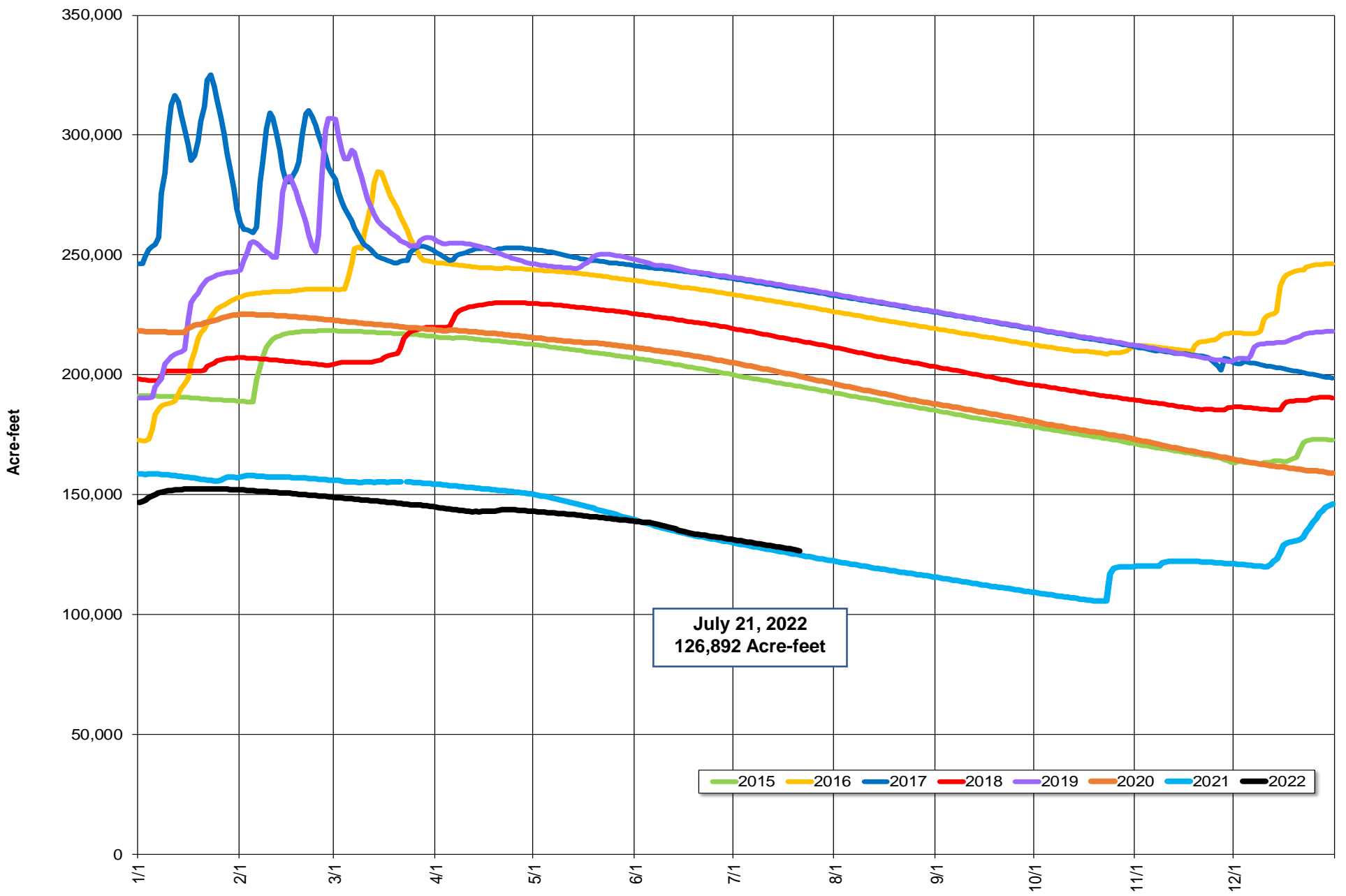
Storage (acre-feet)	July 21, 2022	50,416	
		Total	Average Daily Rate
Change in Storage (acre-feet)	Last 30 days	91	3
	Last 7 days	-136	-19
Daily Inflow (cfs)	Last 7 days	Min	75
		Max	159
		Mean	96
Release (cfs)	Last 7 days	Min	79
		Max	151
		Mean	91

Lake Sonoma



Nathan Baskett, March 3, 2011

Lake Sonoma Storage 2015-2022



Storage (acre-feet)	July 21, 2022	126,892	
		Total	Average Daily Rate
Change in Storage (acre-feet)	Last 30 days	-7,255	-242
	Last 7 days	-1,378	-197
Daily Inflow (cfs)	Last 7 days	Min	0
		Max	6
		Mean	1
Release (cfs)	Last 7 days	Min	93
		Max	101
		Mean	96

Potter Valley Project

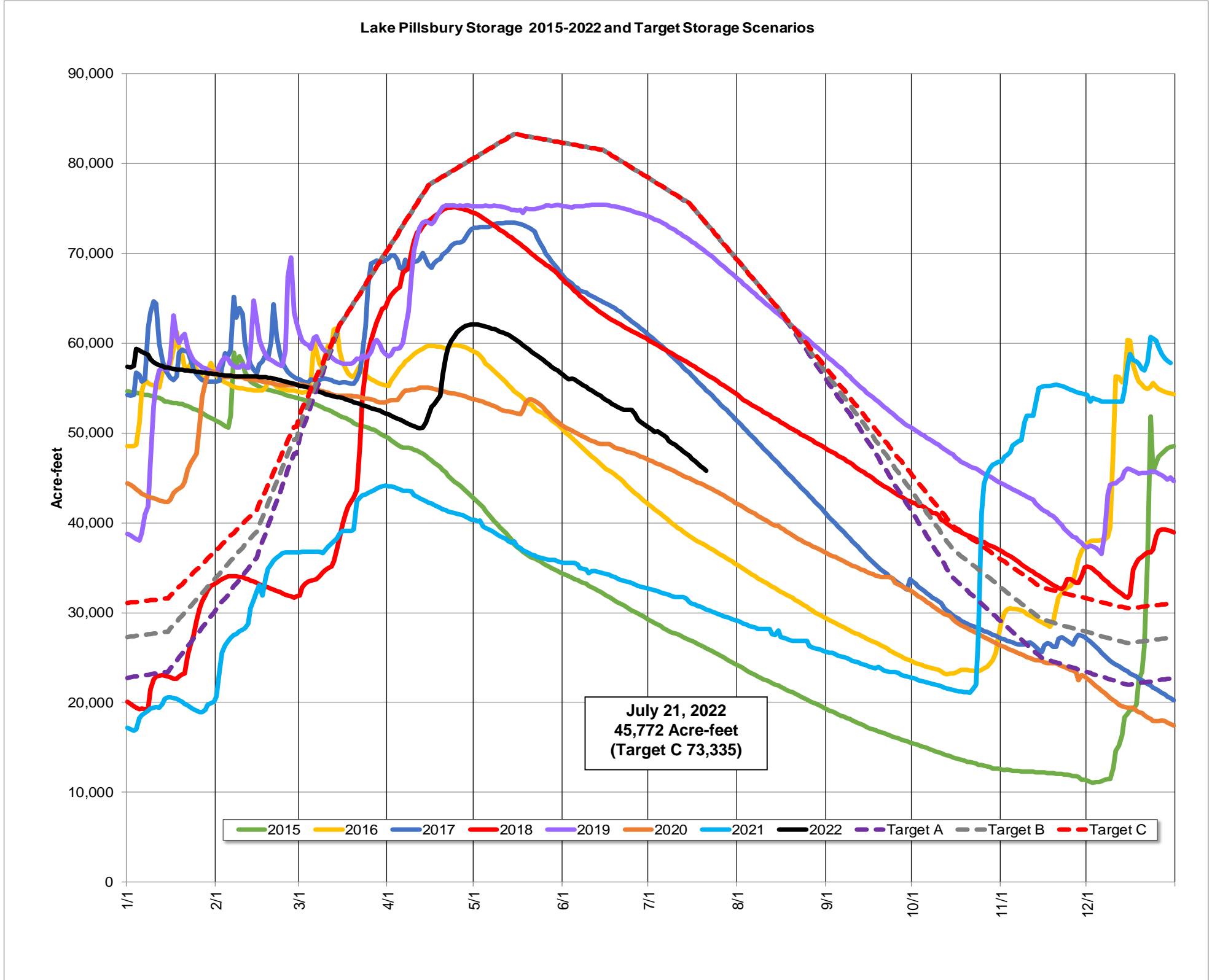
PVP Diversion (cfs)	July 21, 2022	120
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Lake Pillsbury

Parameter	Date Range	Cumulative	Daily Average
Inflow* (acre-feet)	October 1, 2021 - July 21, 2022	227,158	775
	Last 7 days	237	34

*Inflow calculation based on criteria established in D1610

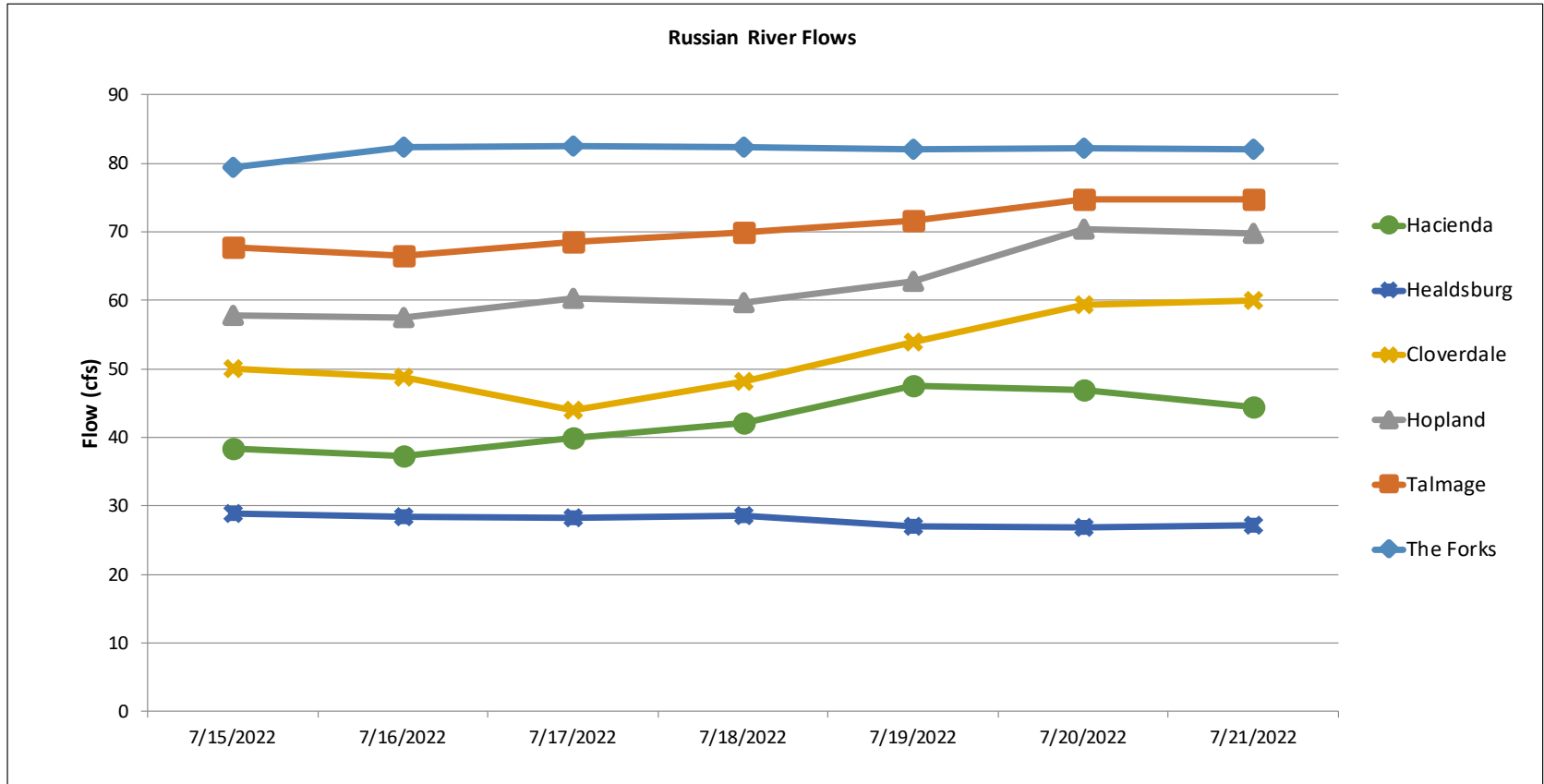
Lake Pillsbury Storage 2015-2022 and Target Storage Scenarios



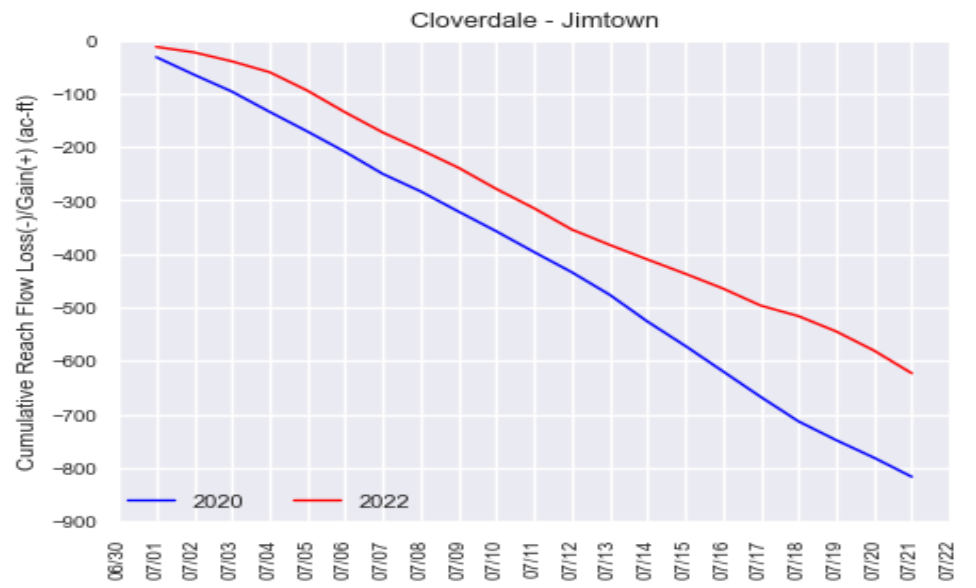
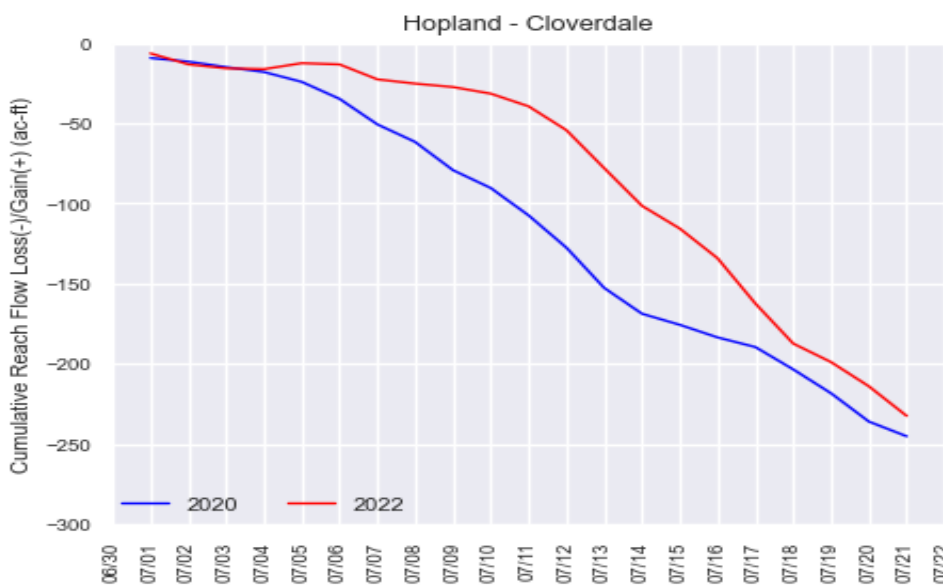
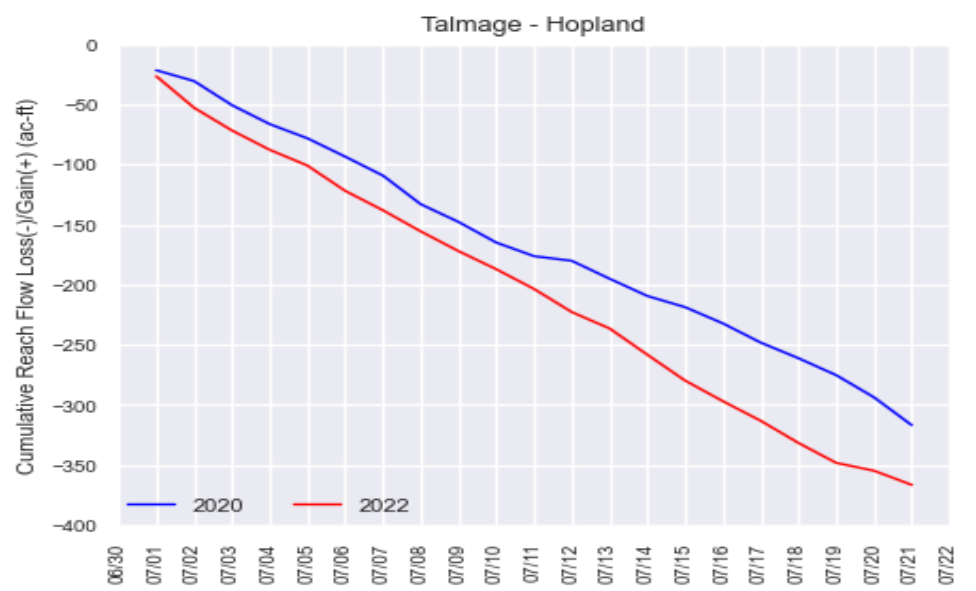
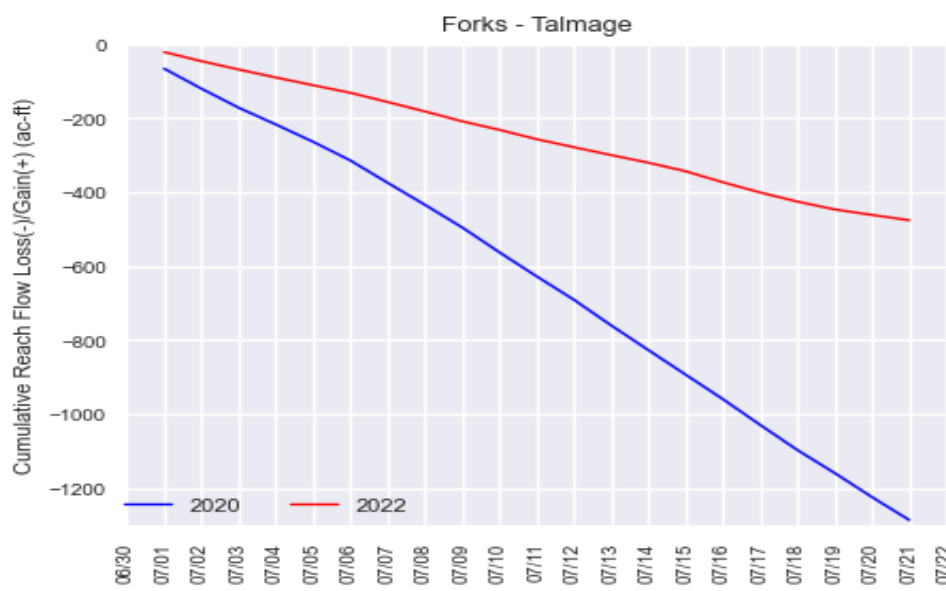
Russian River Flows (July 15, 2022 - July 21, 2022)

Gage	24-hr Average Flow (cfs)						
	Jul 15, 2022	Jul 16, 2022	Jul 17, 2022	Jul 18, 2022	Jul 19, 2022	Jul 20, 2022	Jul 21, 2022
The Forks*	79	82	82	82	82	82	82
Talmage USGS 11462080	68	67	69	70	72	75	75
Hopland USGS 11462500	58	57	60	60	63	70	70
Cloverdale USGS 11463000	50	49	44	48	54	59	60
Healdsburg USGS 11464000	29	28	28	29	27	27	27
Hacienda USGS 11467000	38	37	40	42	48	47	44

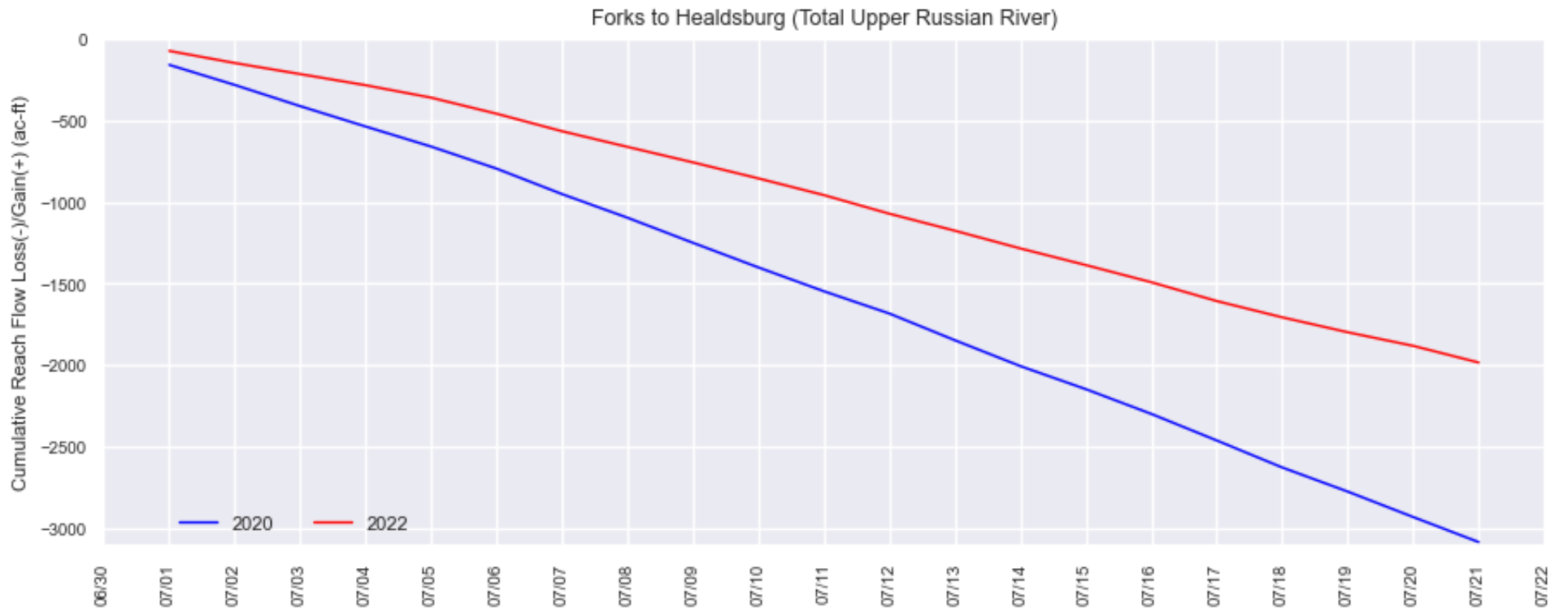
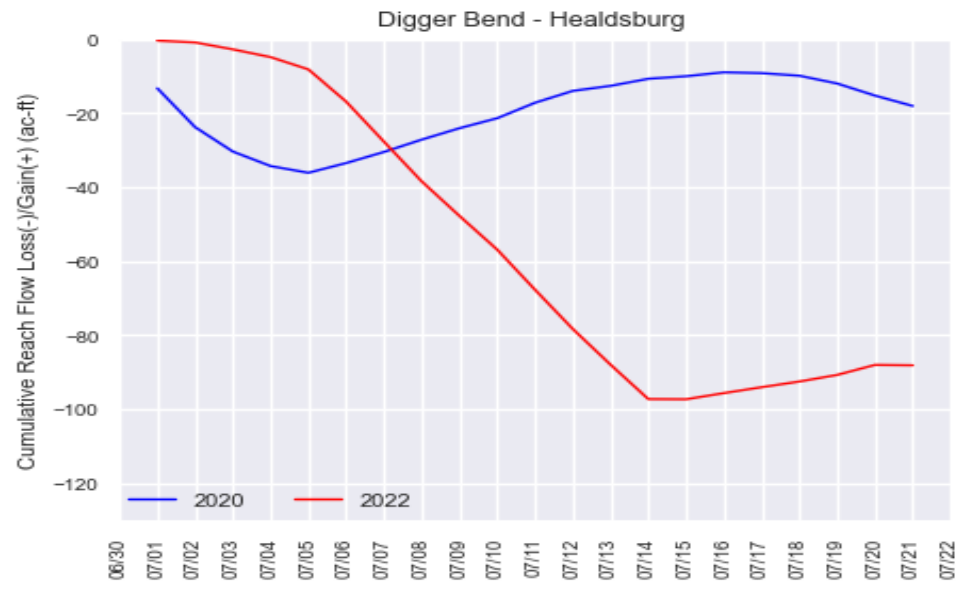
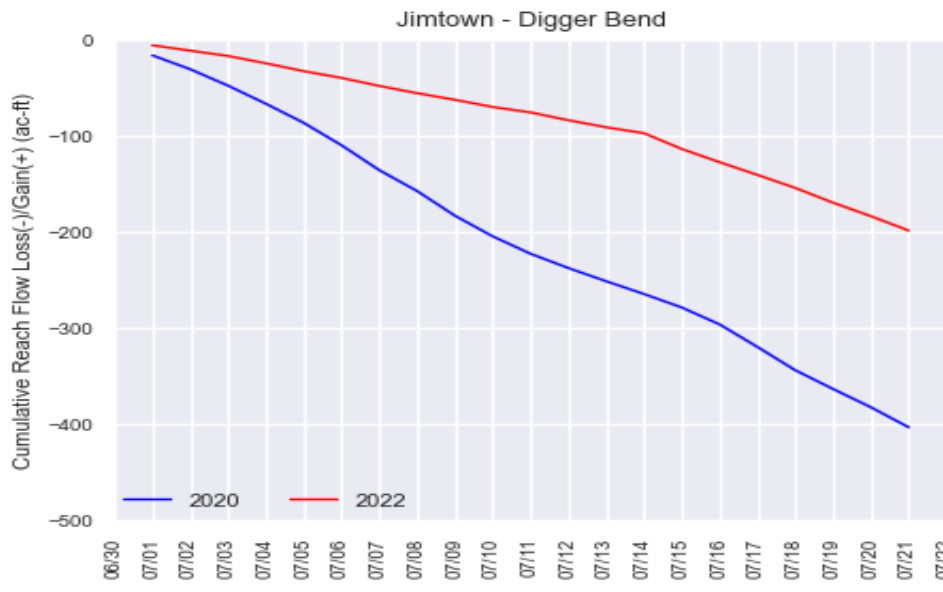
*West Fork(USGS 11461000) + East Fork (Coyote Valley Dam Release)



Upper Russian River Flow Gain/Loss (July 1, 2022 - July 21, 2022)



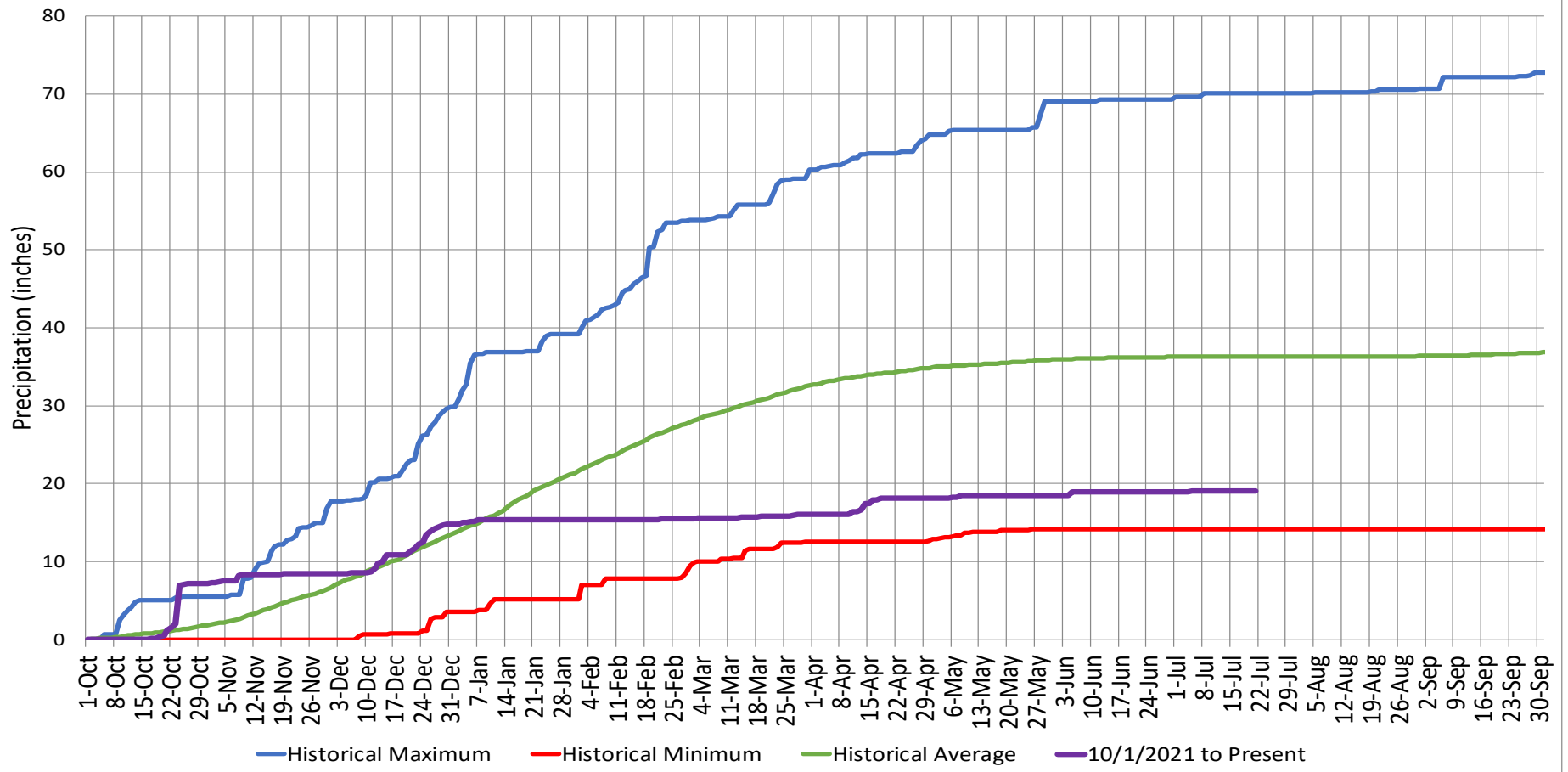
Upper Russian River Flow Gain/Loss (July 1, 2022 - July 21, 2022)



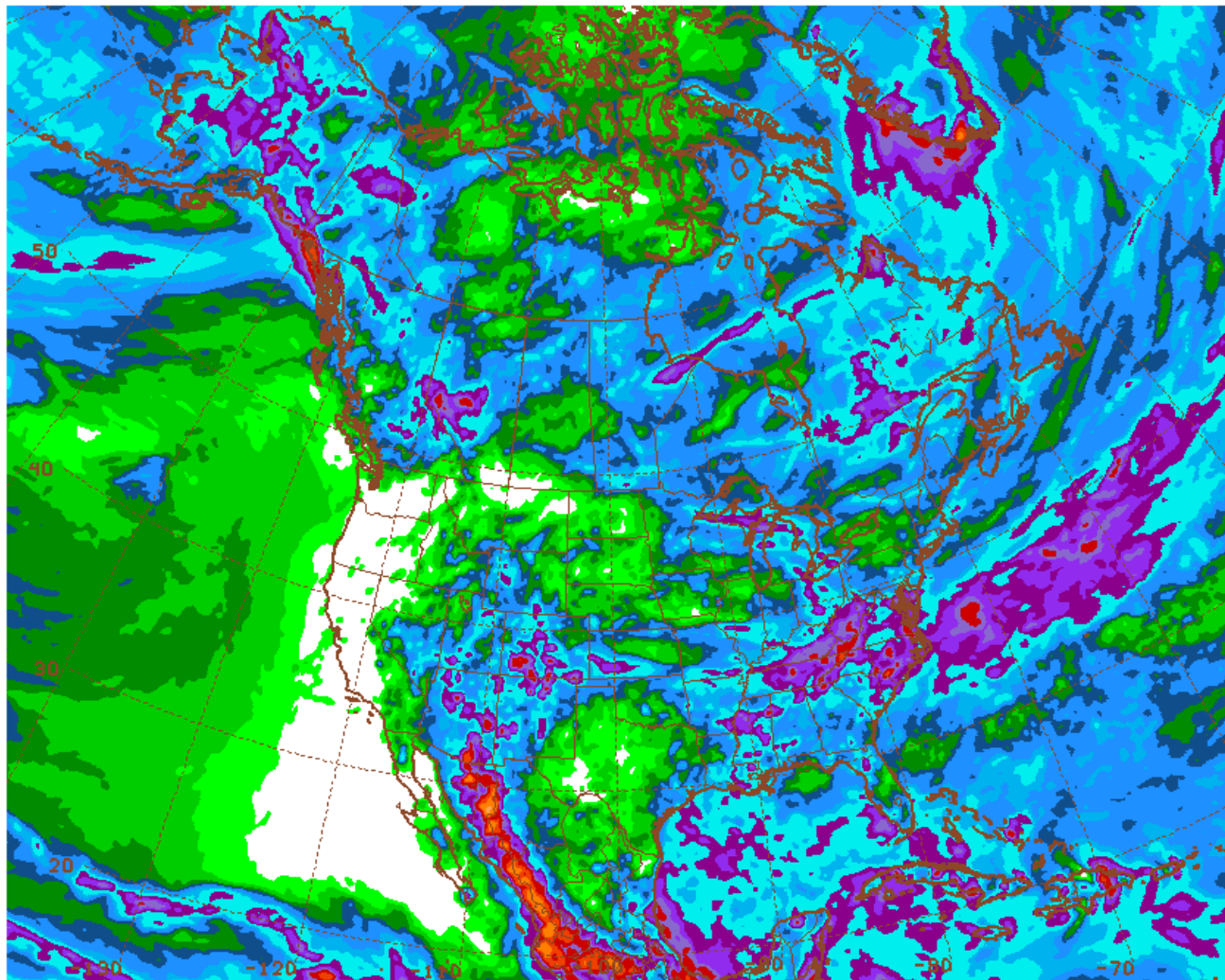
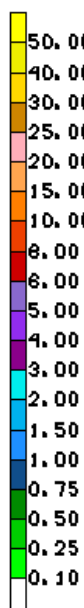
Precipitation

Ukiah Municipal Airport (WBAN: 72590523275 (KUKI))	
Date Range	Cumulative (inches)
Oct 1, 2021 - Jul 21, 2022	19.03
Last 7 Days*	0.00

Cumulative Precipitation Comparison of Current Year versus Historic Record



6FS 07/25/22 12UTC 384HR FCST VALID WED 08/10/22 12UTC NOAA/NWS/NCEP



6FS WED 220810/1200V384 384HR ACCUMULATED PRECIP (IN)

Date Range
Jul 25 - Aug 10, 2022

Forecasted Cumulative (inches)
0.00