



**State Water Resources Control Board
 Temporary Urgency Change Order (6/17/2022)
 Russian River Hydrologic Report
 August 19, 2022 - August 25, 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).

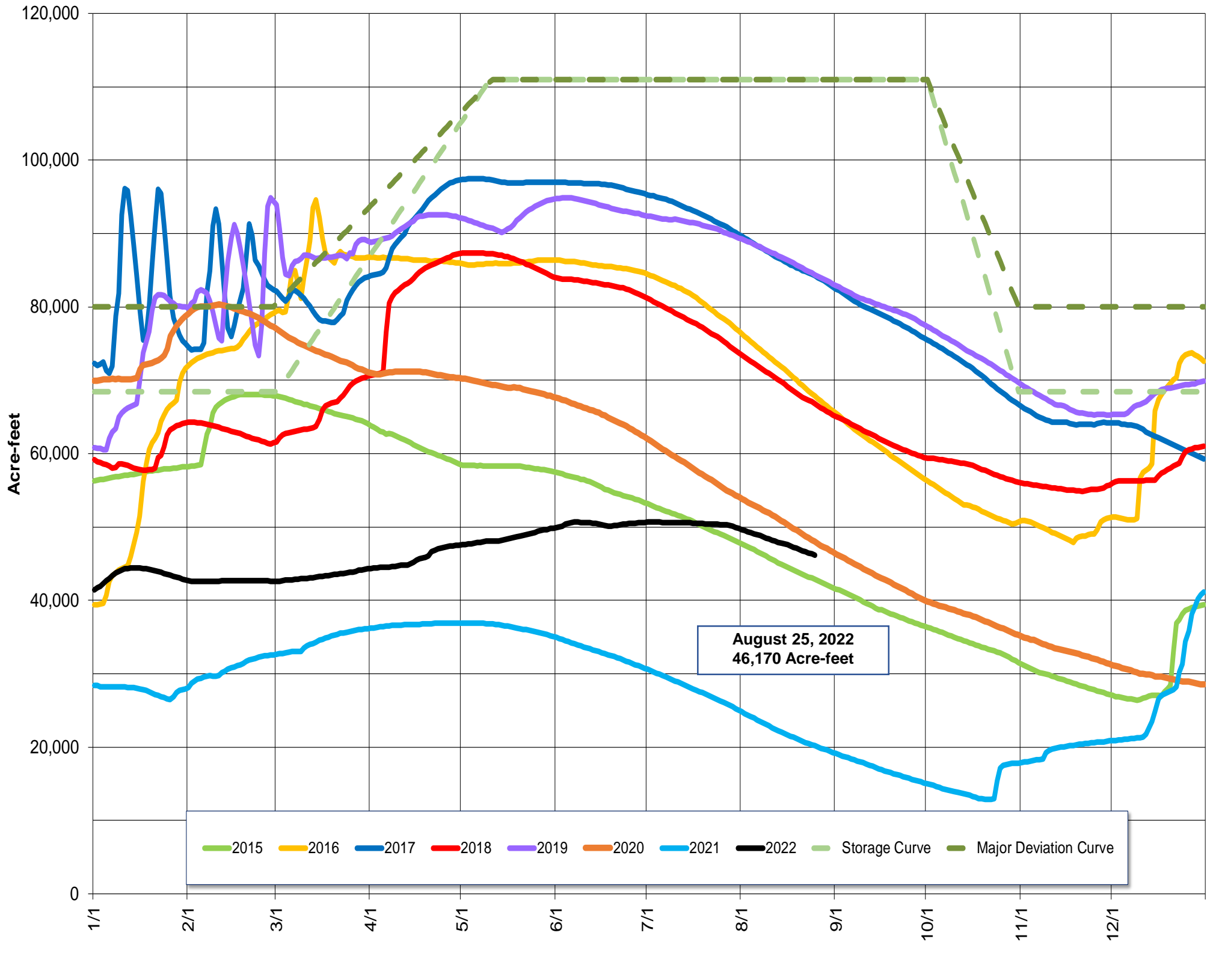
Instream Flow Requirements as of August 25, 2022

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



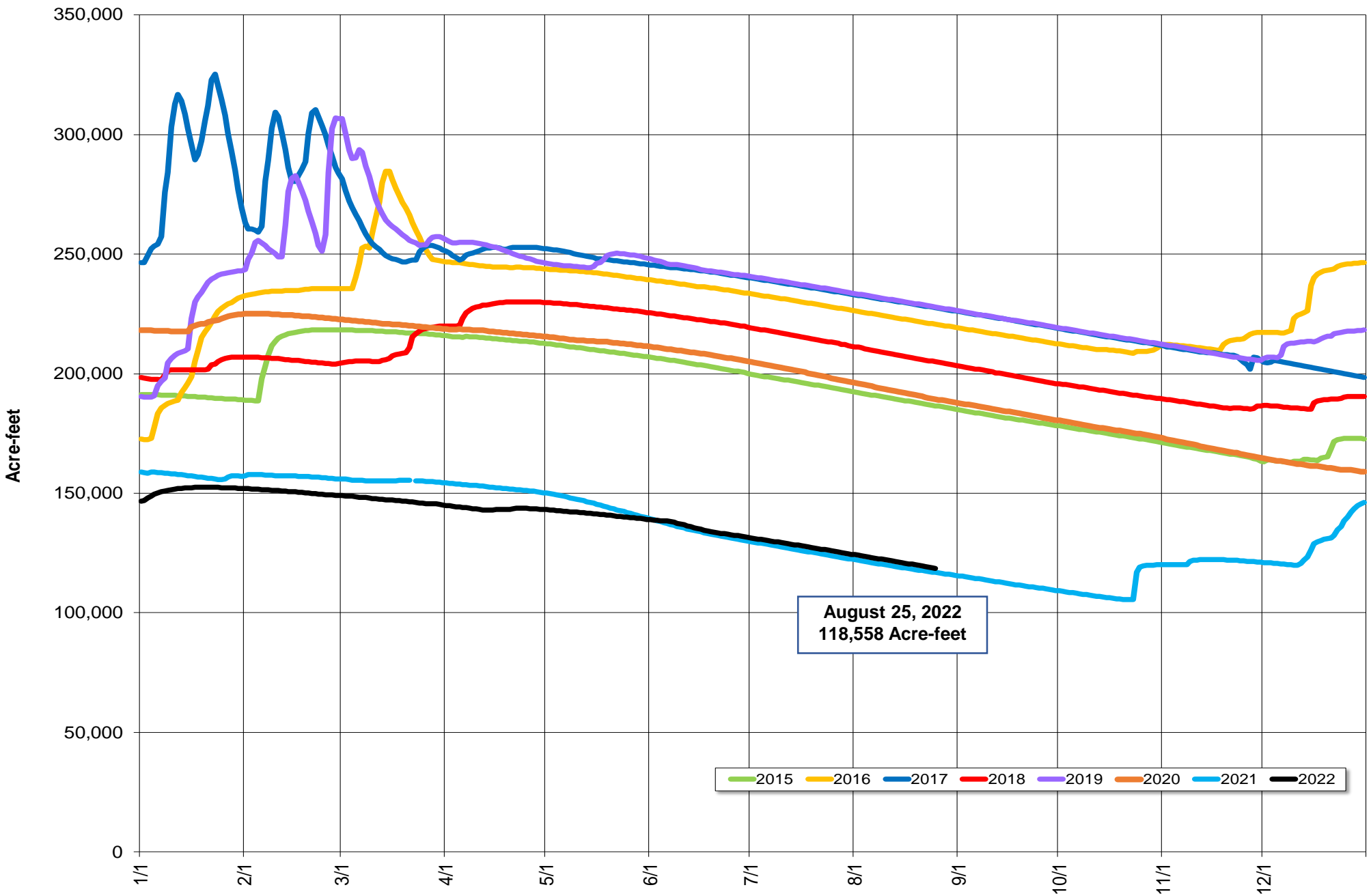
Storage (acre-feet)	August 25, 2022	46,170	
		Total	Average Daily Rate
Change in Storage (acre-feet)	Last 30 days	-4,110	-137
	Last 7 days	-908	-130
Daily Inflow (cfs)	Last 7 days	Min	15
		Max	44
		Mean	26
Release (cfs)	Last 7 days	Min	89
		Max	89
		Mean	89

Lake Sonoma



Nathan Baskett, March 3, 2011

Lake Sonoma Storage 2015-2022



Storage (acre-feet)	August 25, 2022	118,558	
		Total	Average Daily Rate
Change in Storage (acre-feet)	Last 30 days	-7,403	-247
	Last 7 days	-1,496	-214
Daily Inflow (cfs)	Last 7 days	Min	0
		Max	0
		Mean	0
Release (cfs)	Last 7 days	Min	98
		Max	107
		Mean	103

Potter Valley Project

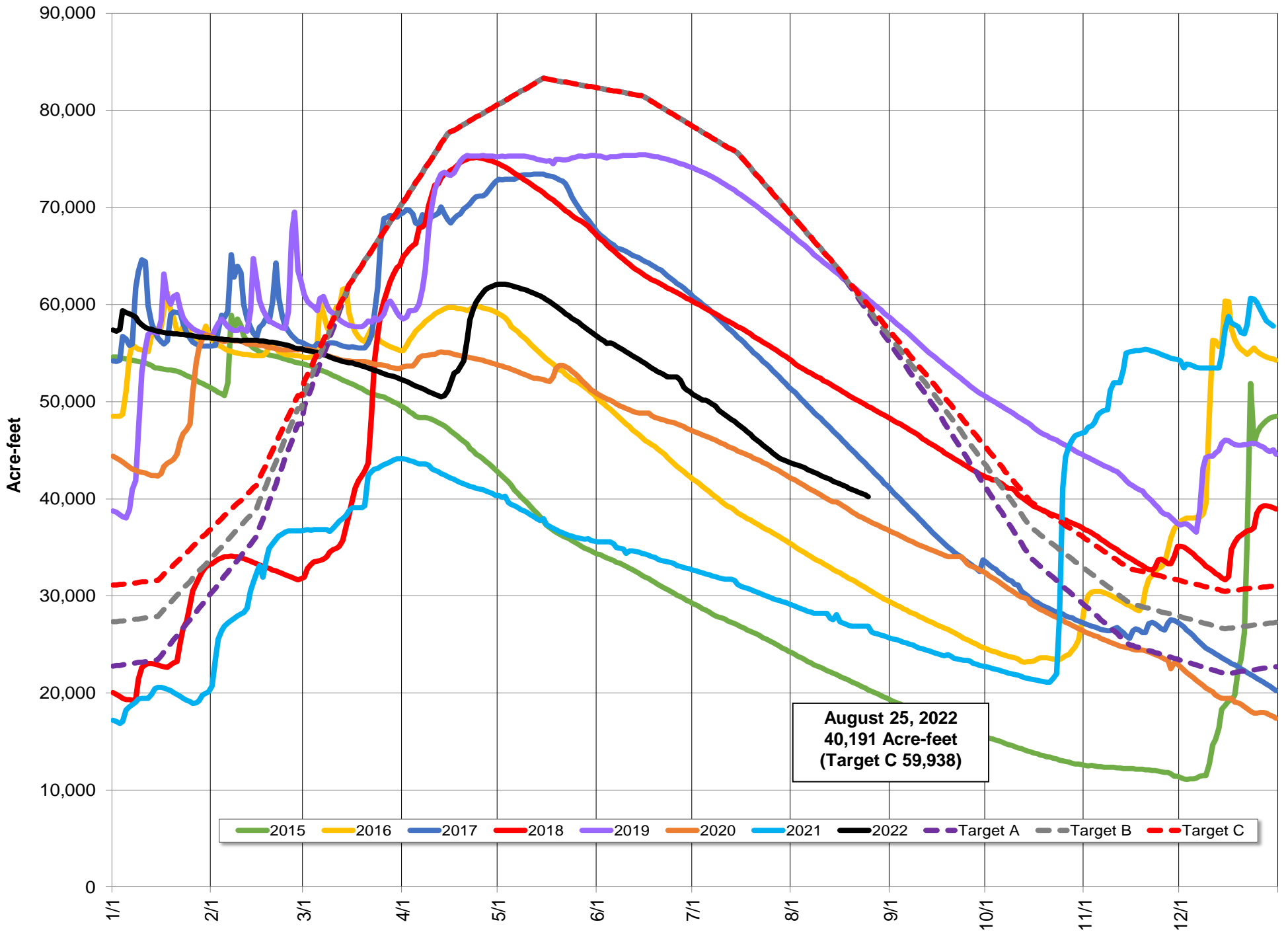
PVP Diversion (cfs)	August 25, 2022	50
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Lake Pillsbury

Parameter	Date Range	Cumulative	Daily Average
Inflow* (acre-feet)	October 1, 2021 - August 25, 2022	228,447	696
	Last 7 days	198	28

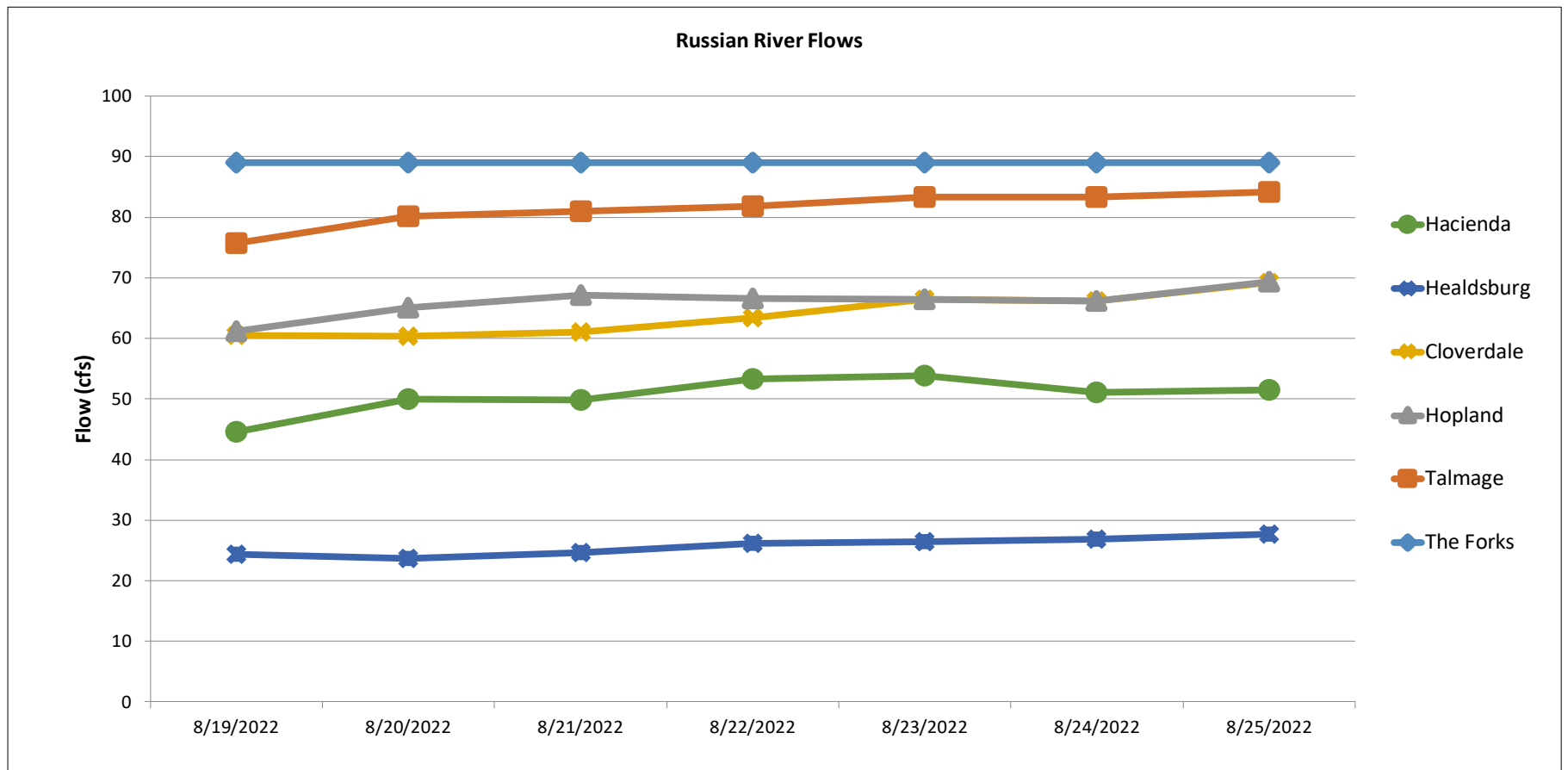
*Inflow calculation based on criteria established in D1610

Lake Pillsbury Storage 2015-2022 and Target Storage Scenarios

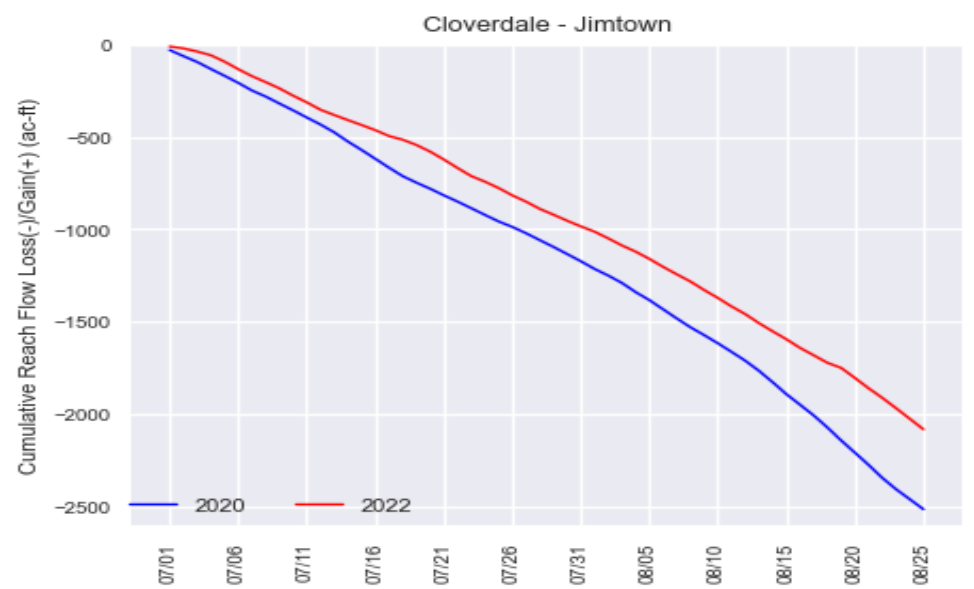
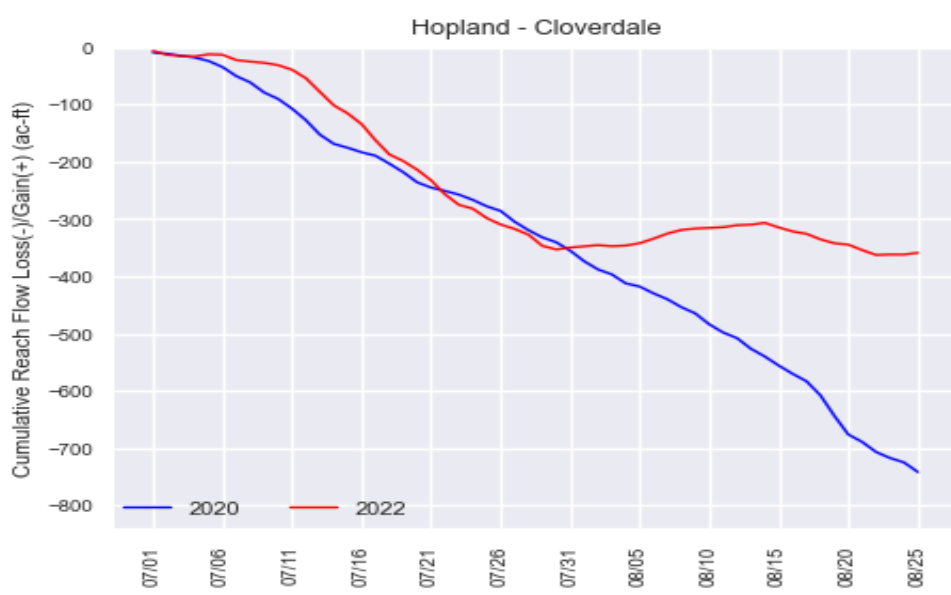
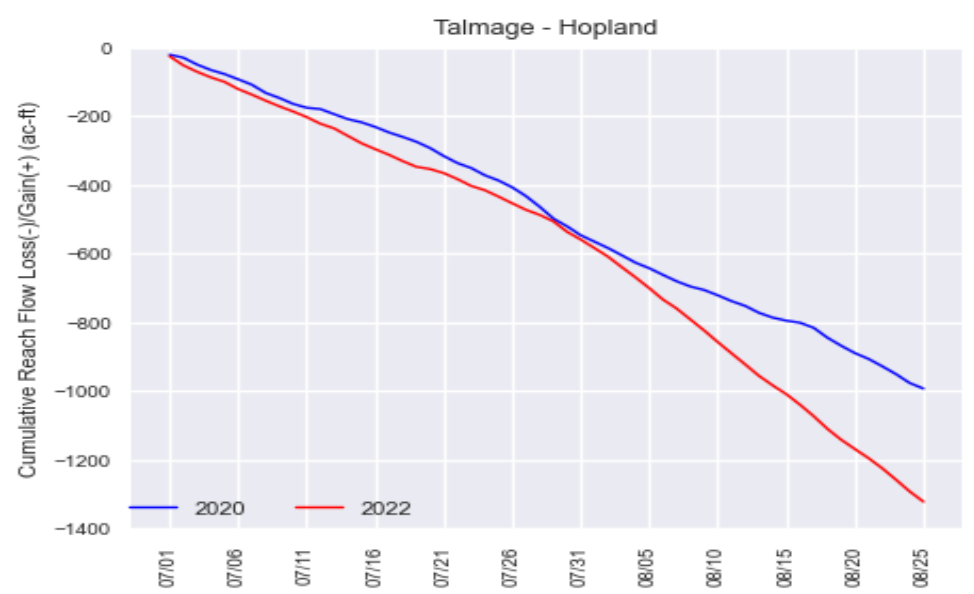
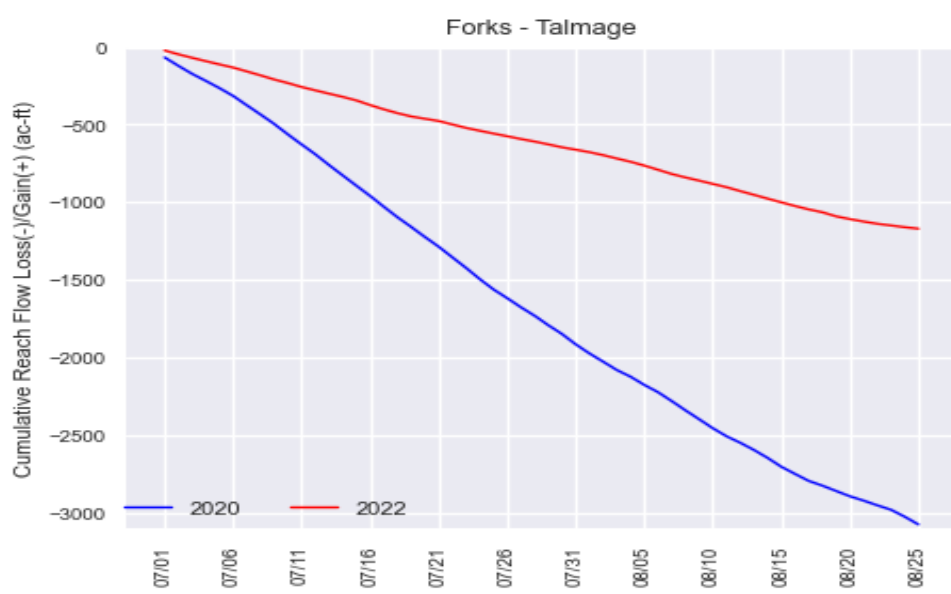


Gage	24-hr Average Flow (cfs)						
	Aug 19, 2022	Aug 20, 2022	Aug 21, 2022	Aug 22, 2022	Aug 23, 2022	Aug 24, 2022	Aug 25, 2022
The Forks*	89	89	89	89	89	89	89
Talmage USGS 11462080	76	80	81	82	83	83	84
Hopland USGS 11462500	61	65	67	67	66	66	69
Cloverdale USGS 11463000	60	60	61	63	66	66	69
Healdsburg USGS 11464000	24	24	25	26	26	27	28
Hacienda USGS 11467000	45	50	50	53	54	51	52

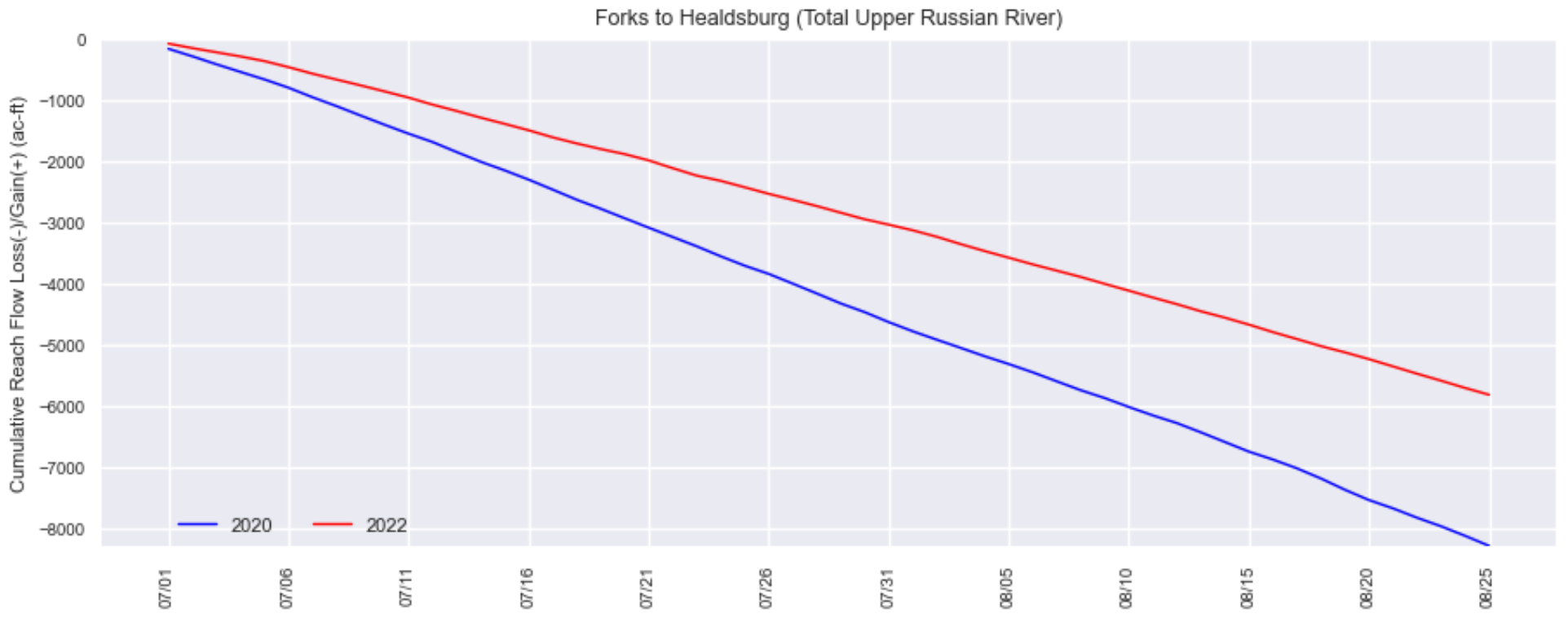
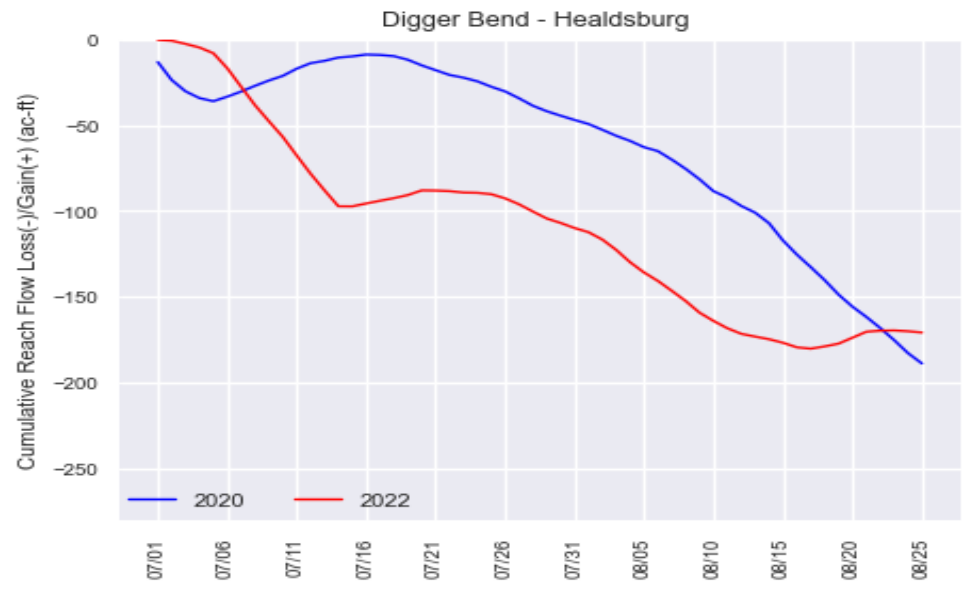
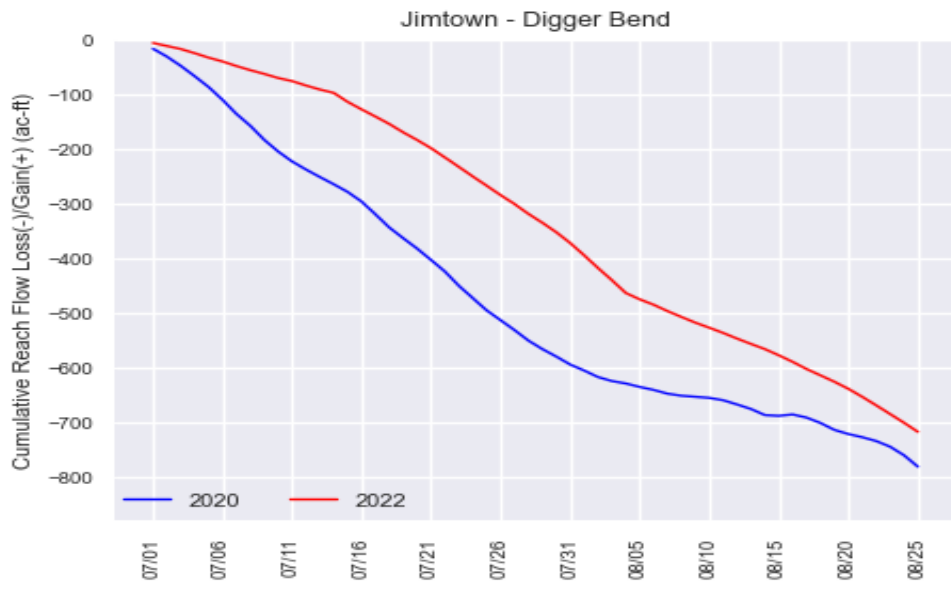
*West Fork(USGS 11461000) + East Fork (Coyote Valley Dam Release)



Upper Russian River Flow Gain/Loss (July 1, 2022 - August 25, 2022)



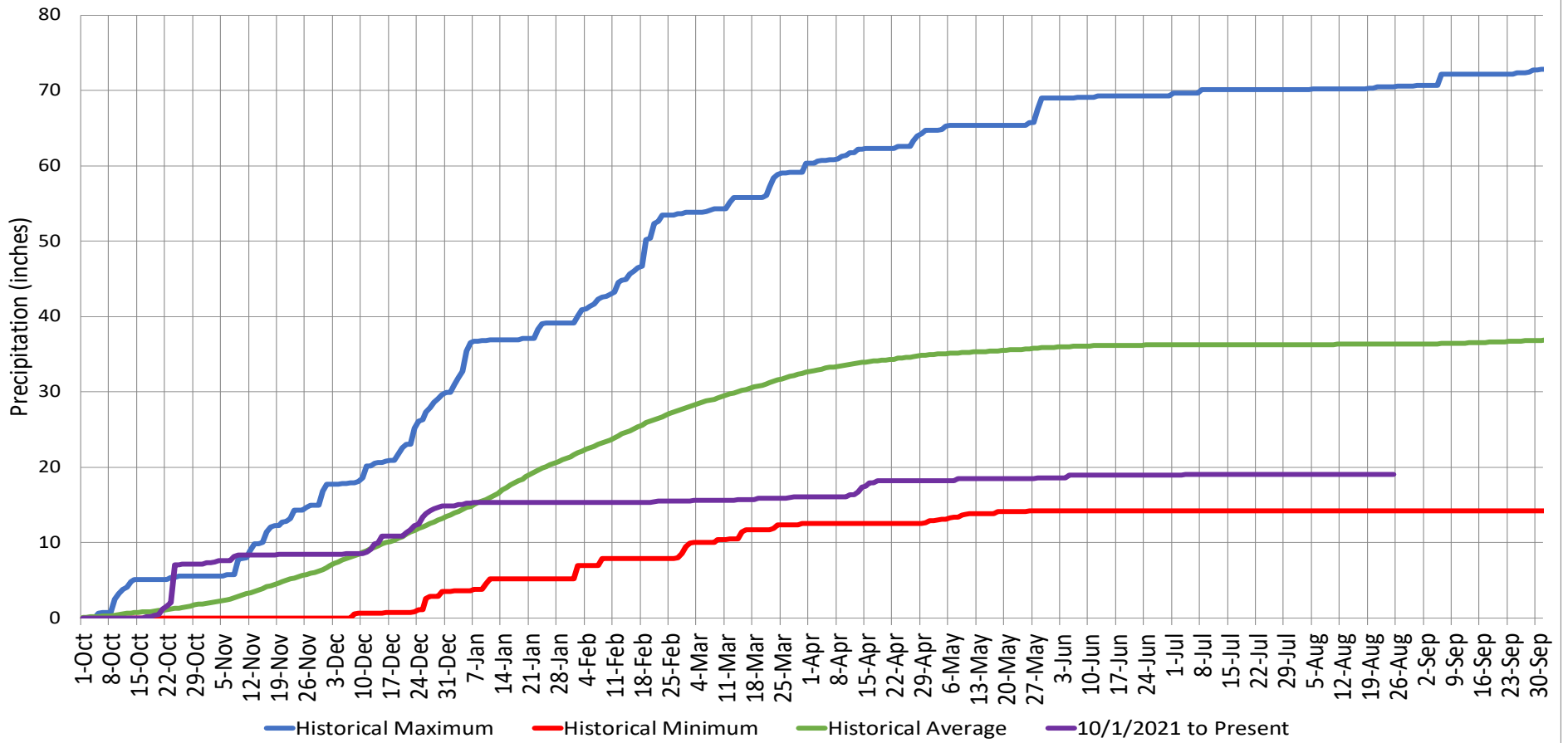
Upper Russian River Flow Gain/Loss (July 1, 2022 - August 25, 2022)



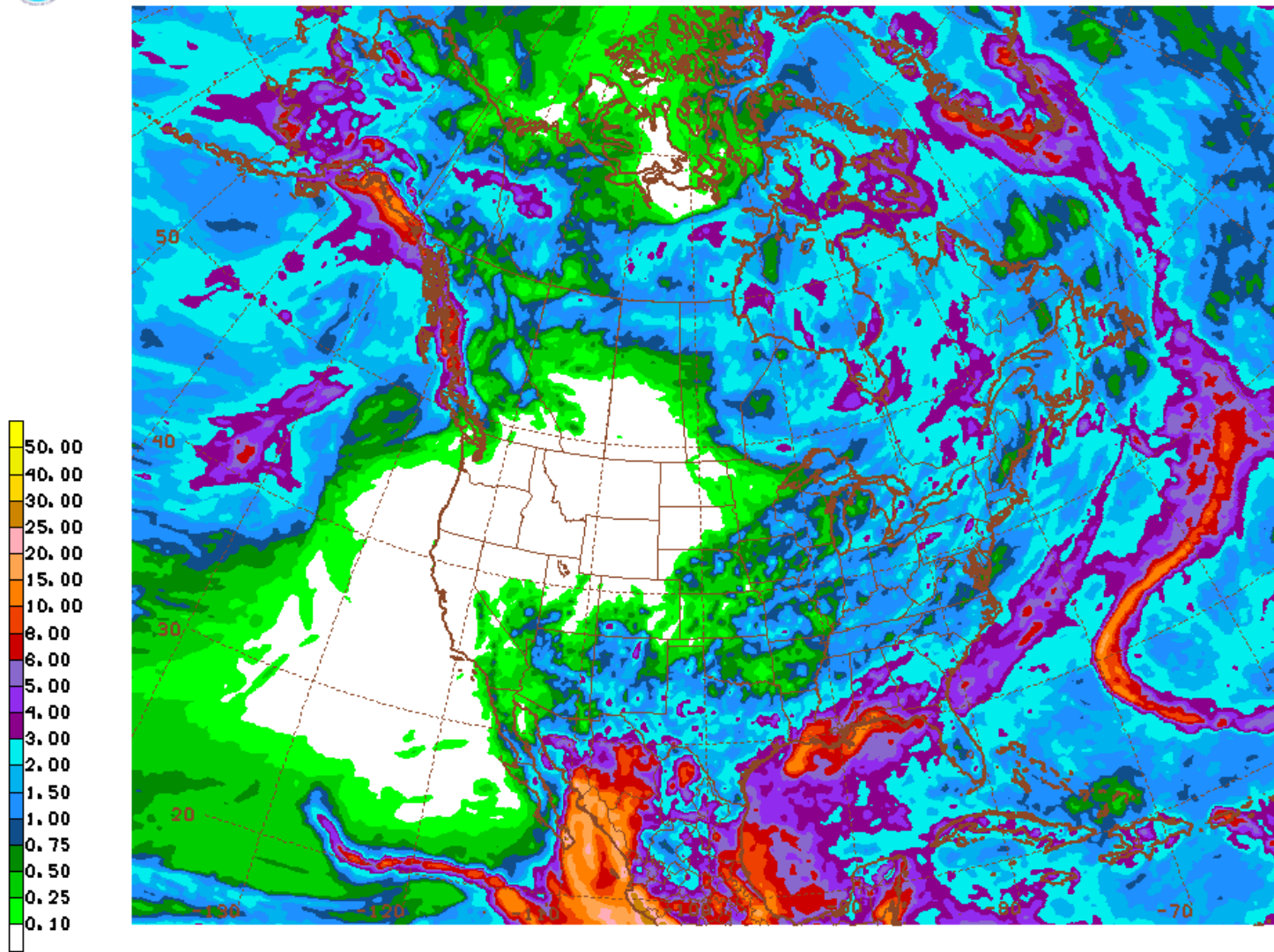
Precipitation

Ukiah Municipal Airport (WBAN: 72590523275 (KUKI))	
Date Range	Cumulative (inches)
Oct 1, 2021 - Aug 25, 2022	19.03
Last 7 Days*	0.00

Cumulative Precipitation Comparison of Current Year versus Historic Record



GFS 08/29/22 12UTC 384HR FCST VALID WED 09/14/22 12UTC NOAA/NWS/NCEP



GFS WED 220914/1200V384 384HR ACCUMULATED PRECIP (IN)

Date Range
Aug 29 - Sep 14, 2022

Forecasted Cumulative (inches)
0.00