



State Water Resources Control Board
 Temporary Urgency Change Order (6/17/2022)
 Russian River Hydrologic Report
 August 12, 2022 - August 18, 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).

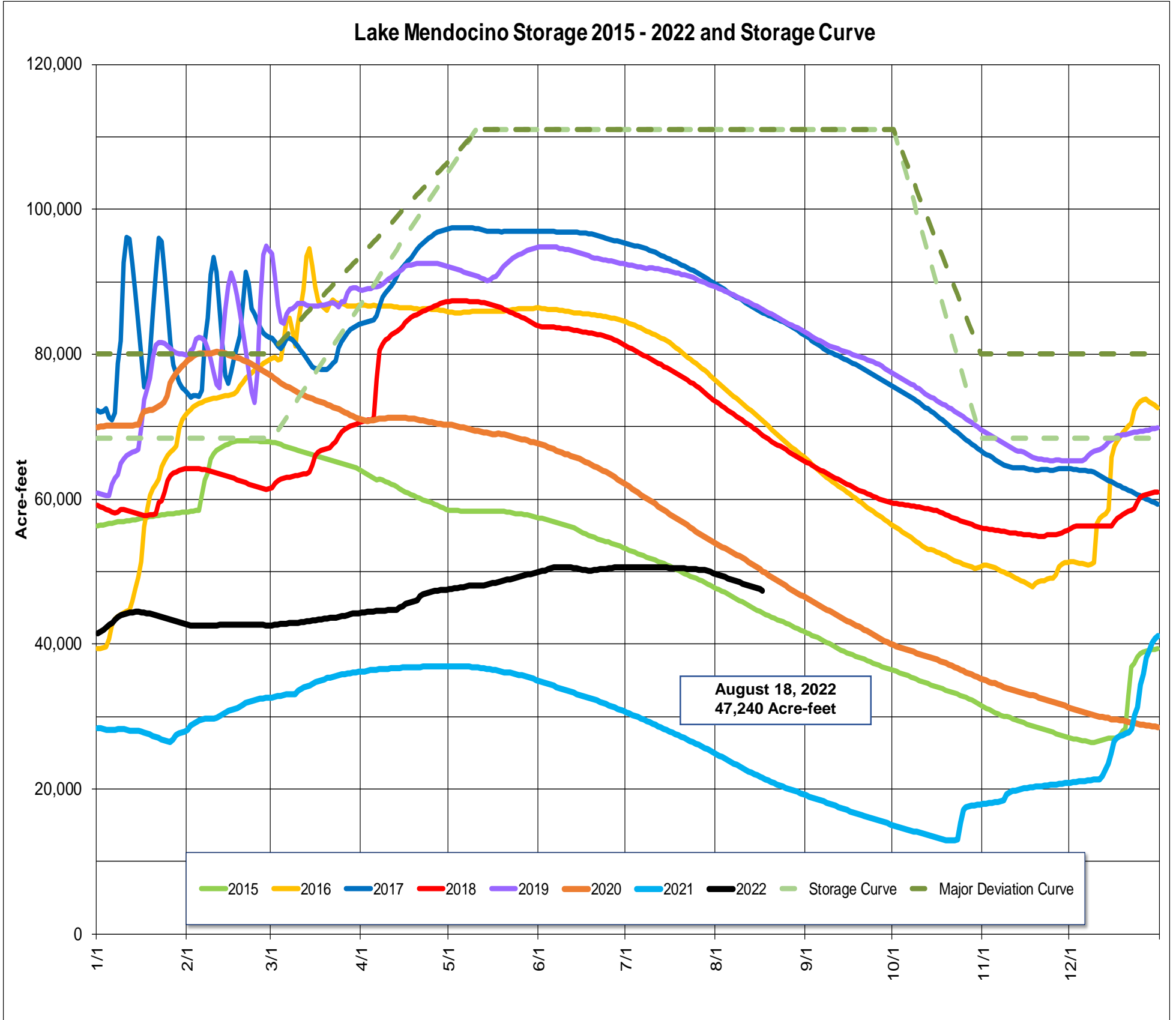
Instream Flow Requirements as of August 18, 2022

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



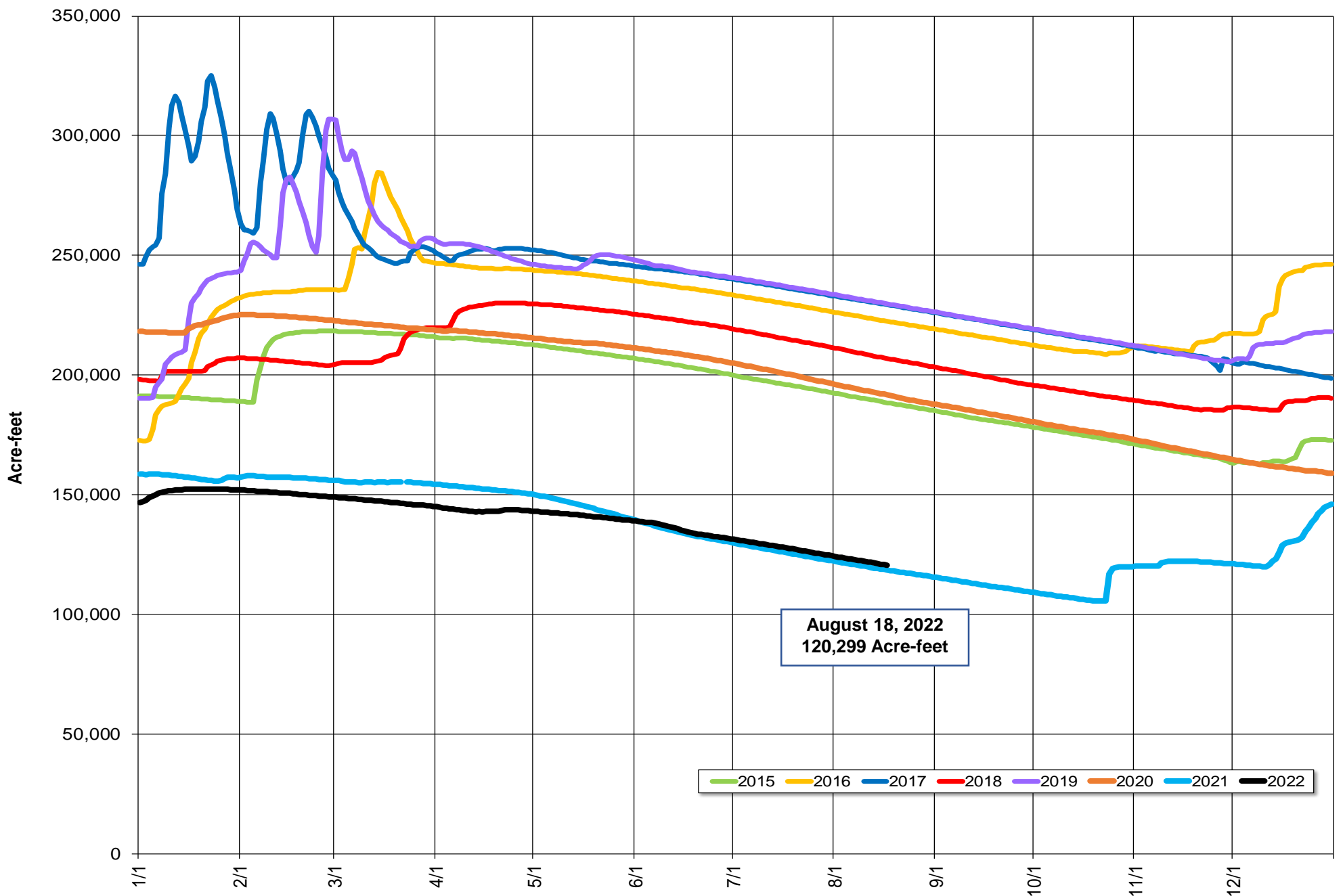
Storage (acre-feet)	August 18, 2022	47,240	
Change in Storage (acre-feet)	Last 30 days	-3,221	-107
	Last 7 days	-876	-125
Daily Inflow (cfs)	Last 7 days	Min	4
		Max	45
		Mean	27
Release (cfs)	Last 7 days	Min	78
		Max	91
		Mean	83

Lake Sonoma



Nathan Baskett, March 3, 2011

Lake Sonoma Storage 2015-2022



Storage (acre-feet)	August 18, 2022	120,299	
		Total	Average Daily Rate
Change in Storage (acre-feet)	Last 30 days	-7,411	-247
	Last 7 days	-1,459	-208
Daily Inflow (cfs)	Last 7 days	Min	0
		Max	10
		Mean	1
Release (cfs)	Last 7 days	Min	96
		Max	108
		Mean	99

Potter Valley Project

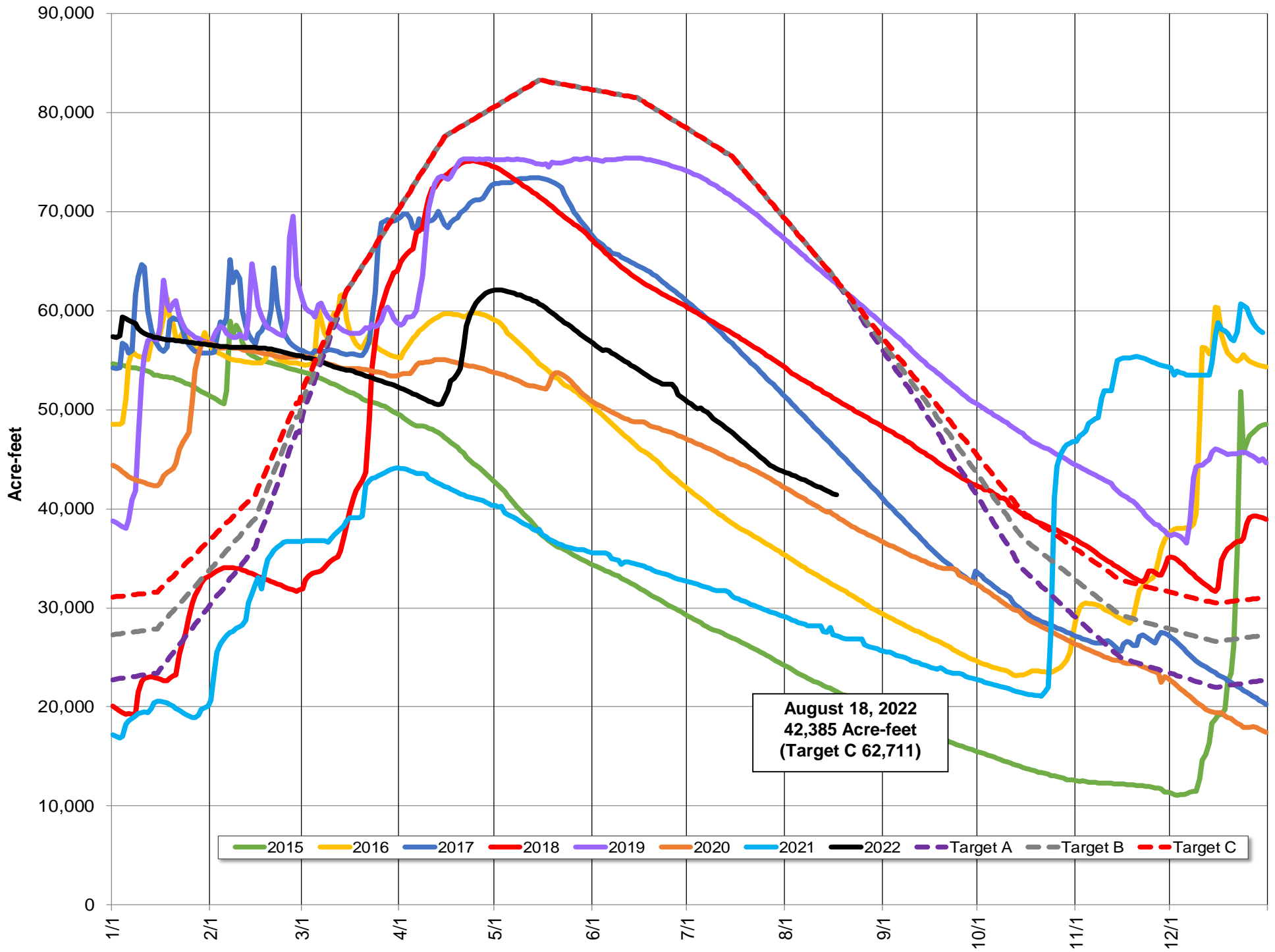
PVP Diversion (cfs)	August 18, 2022	55
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Lake Pillsbury

Parameter	Date Range	Cumulative	Daily Average
Inflow* (acre-feet)	October 1, 2021 - August 18, 2022	227,161	708
	Last 7 days	0	0

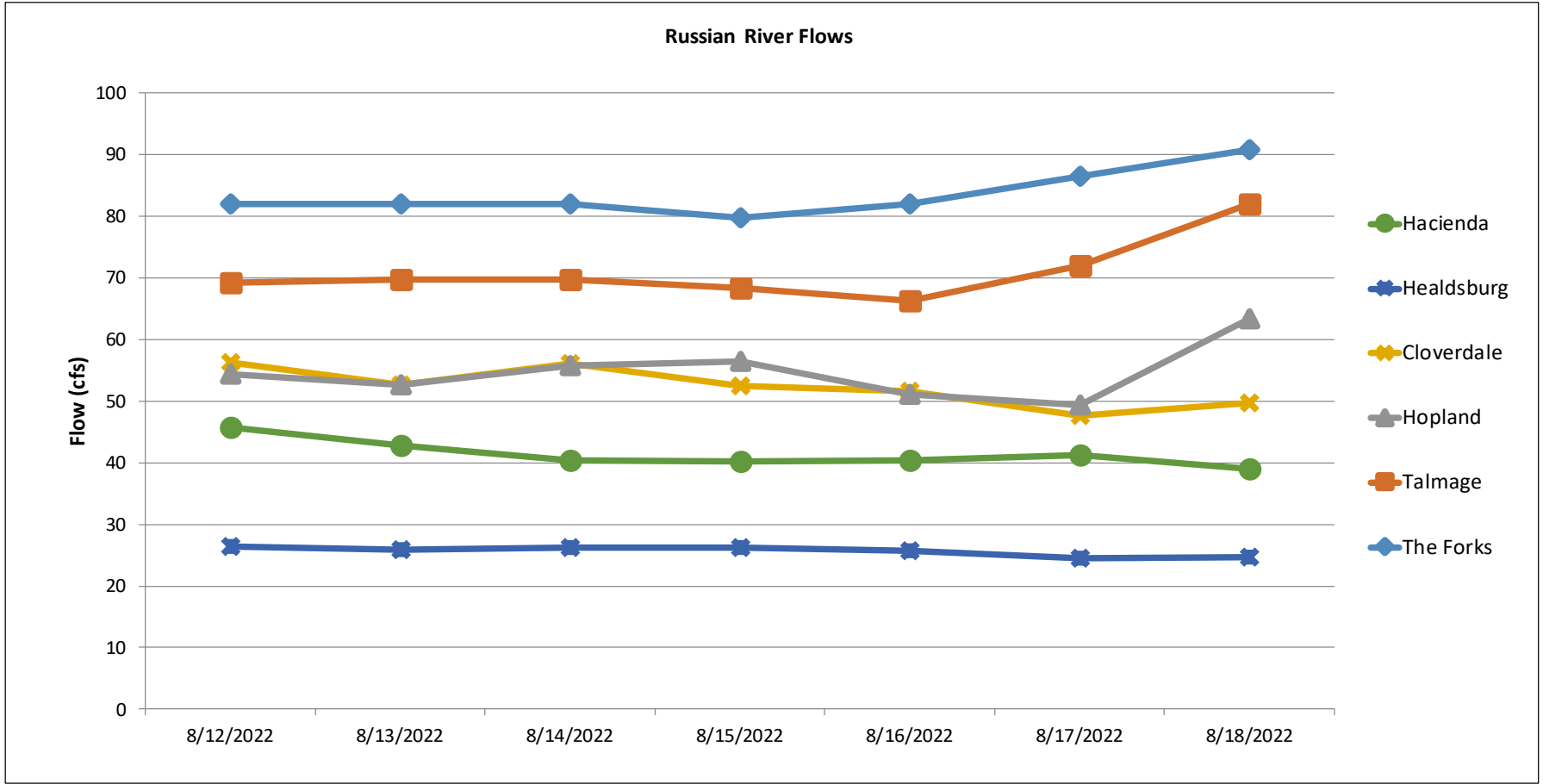
*Inflow calculation based on criteria established in D1610

Lake Pillsbury Storage 2015-2022 and Target Storage Scenarios

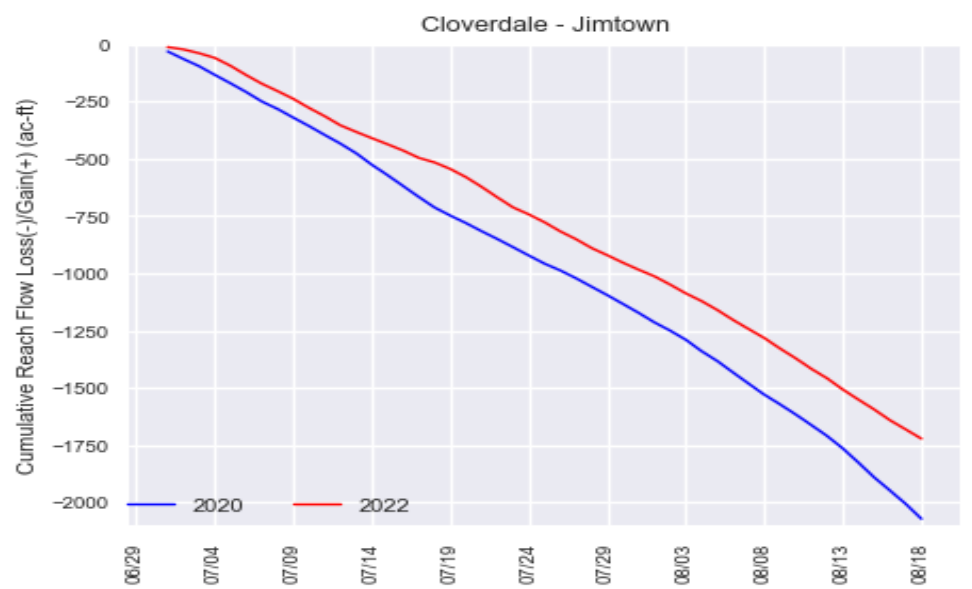
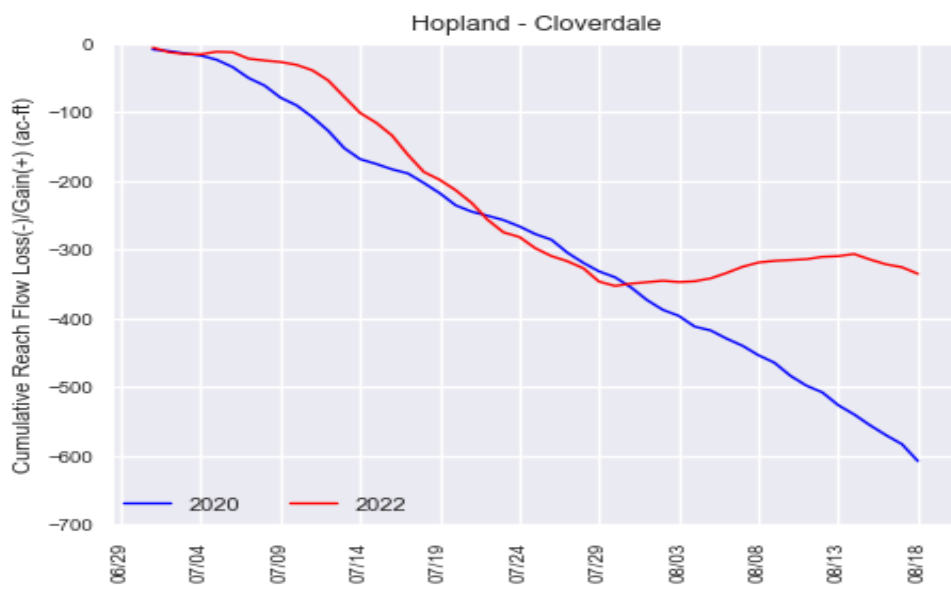
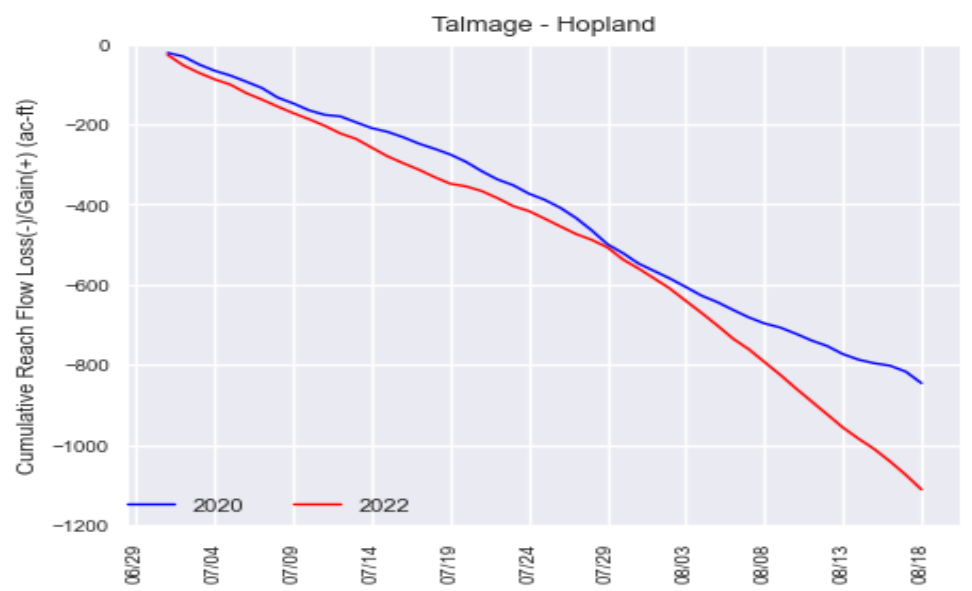
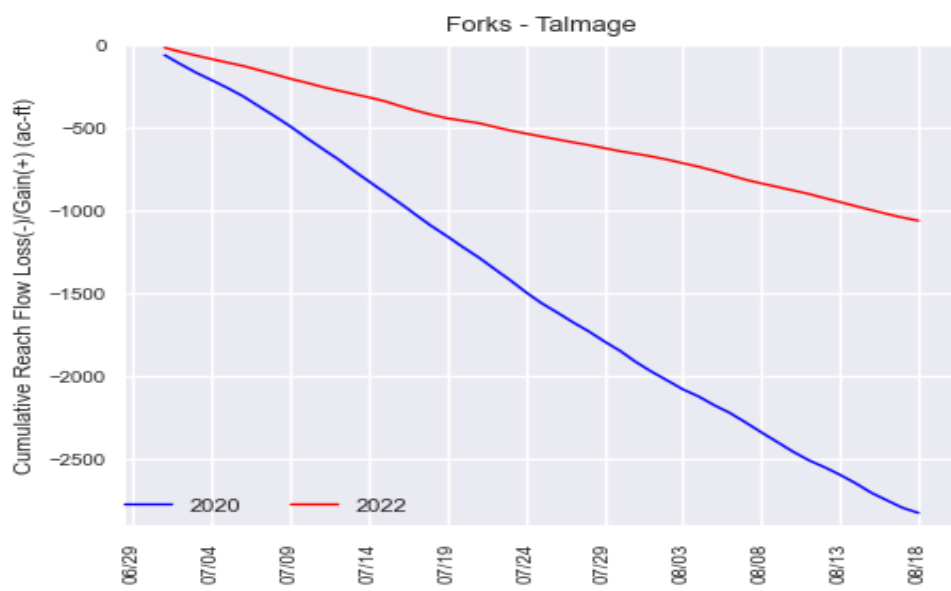


Gage	24-hr Average Flow (cfs)						
	Aug 12, 2022	Aug 13, 2022	Aug 14, 2022	Aug 15, 2022	Aug 16, 2022	Aug 17, 2022	Aug 18, 2022
The Forks*	82	82	82	80	82	87	91
Talmage USGS 11462080	69	70	70	68	66	72	82
Hopland USGS 11462500	54	53	56	56	51	49	63
Cloverdale USGS 11463000	56	53	56	52	52	48	50
Healdsburg USGS 11464000	26	26	26	26	26	24	25
Hacienda USGS 11467000	46	43	40	40	40	41	39

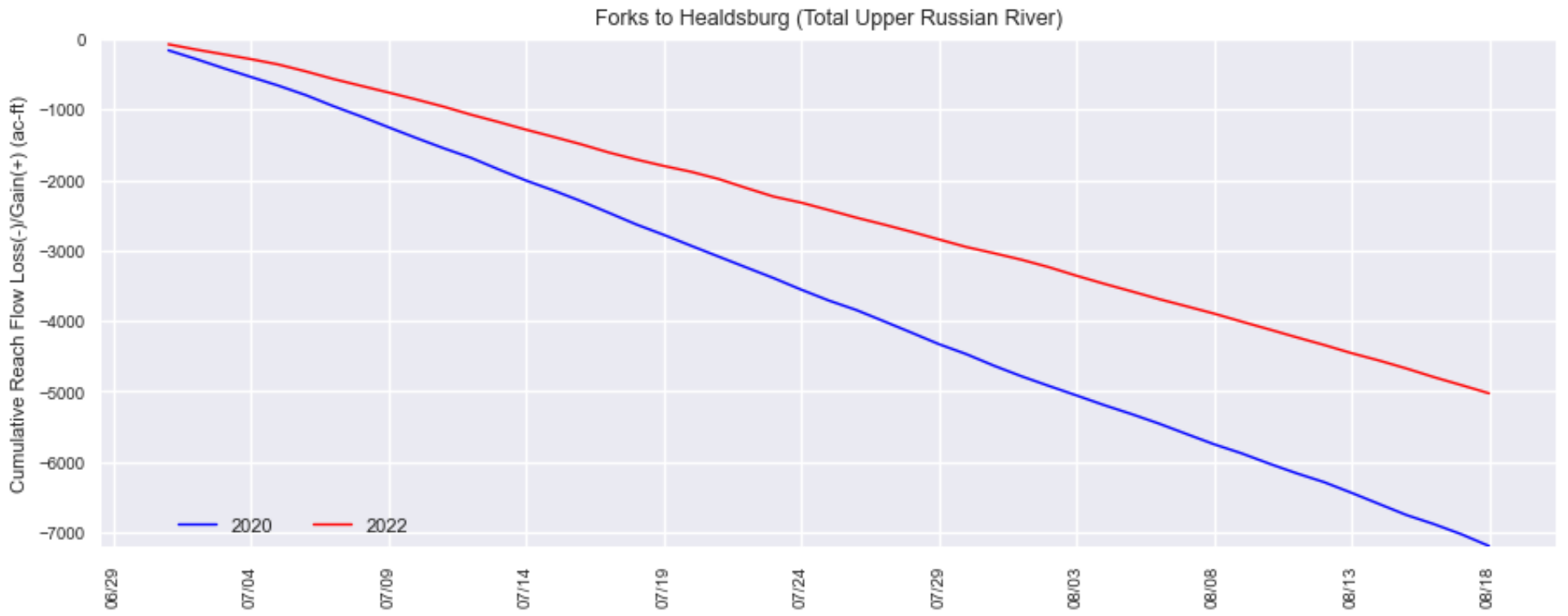
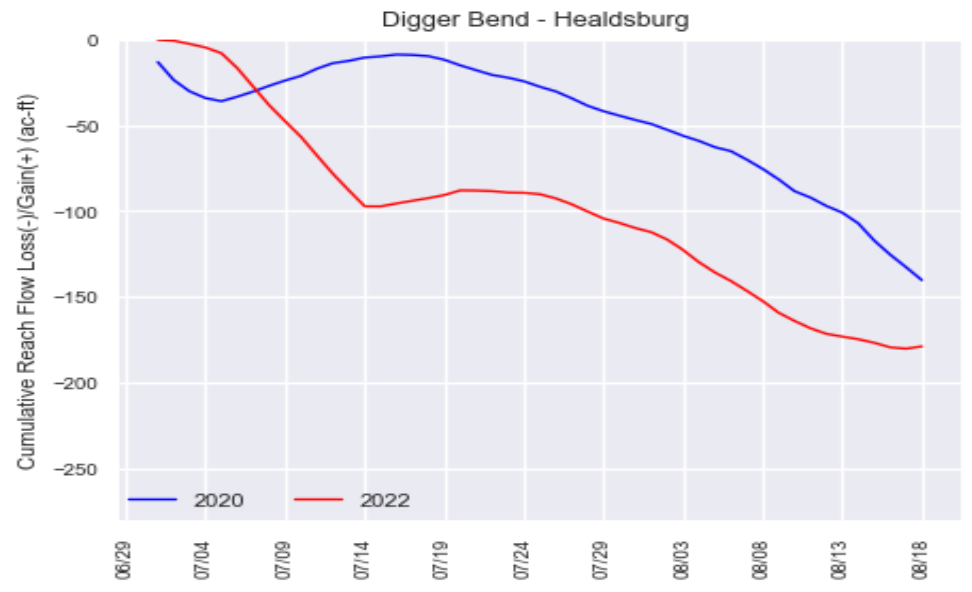
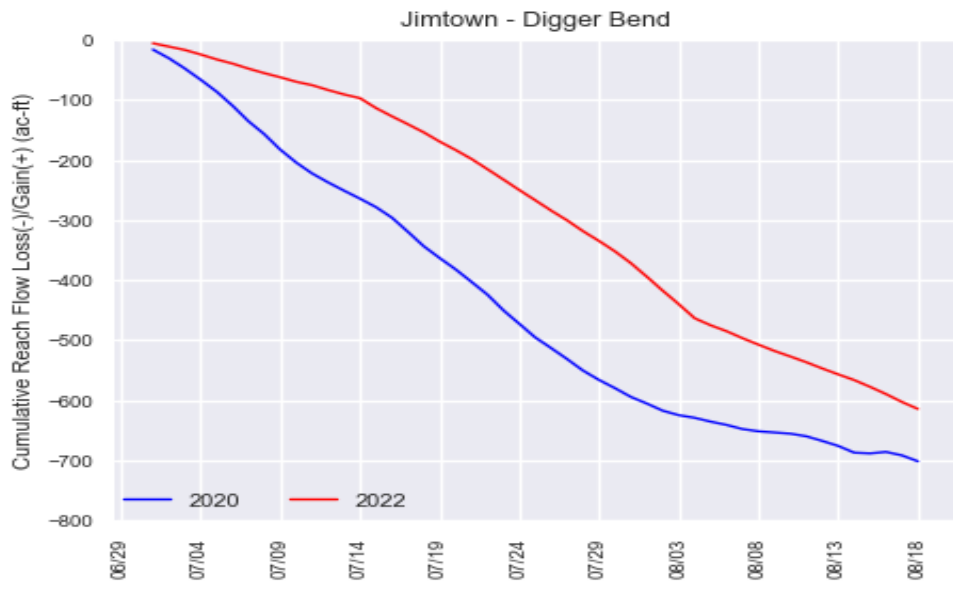
*West Fork(USGS 11461000) + East Fork (Coyote Valley Dam Release)



Upper Russian River Flow Gain/Loss (July 1, 2022 - August 18, 2022)



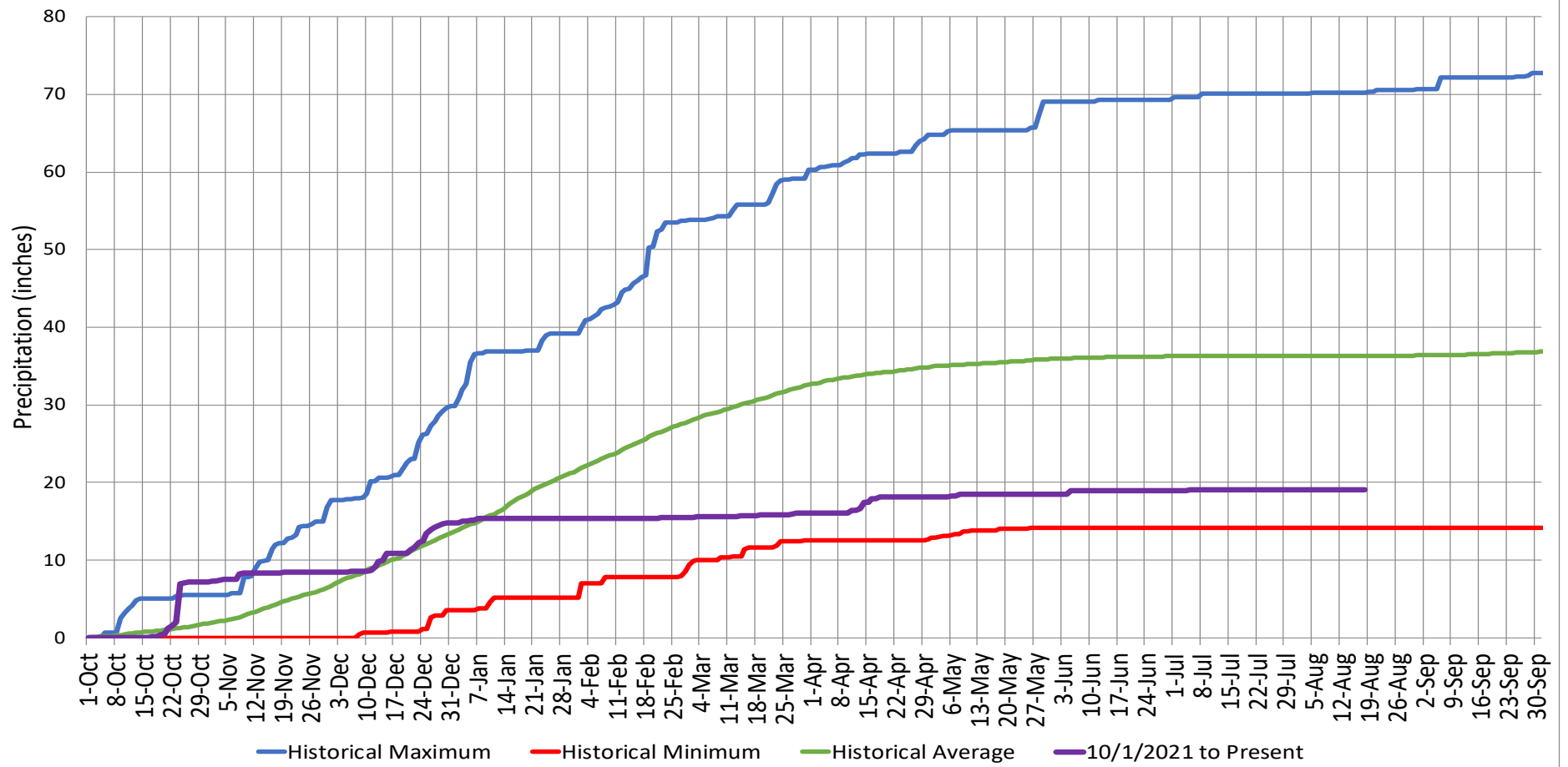
Upper Russian River Flow Gain/Loss (July 1, 2022 - August 18, 2022)



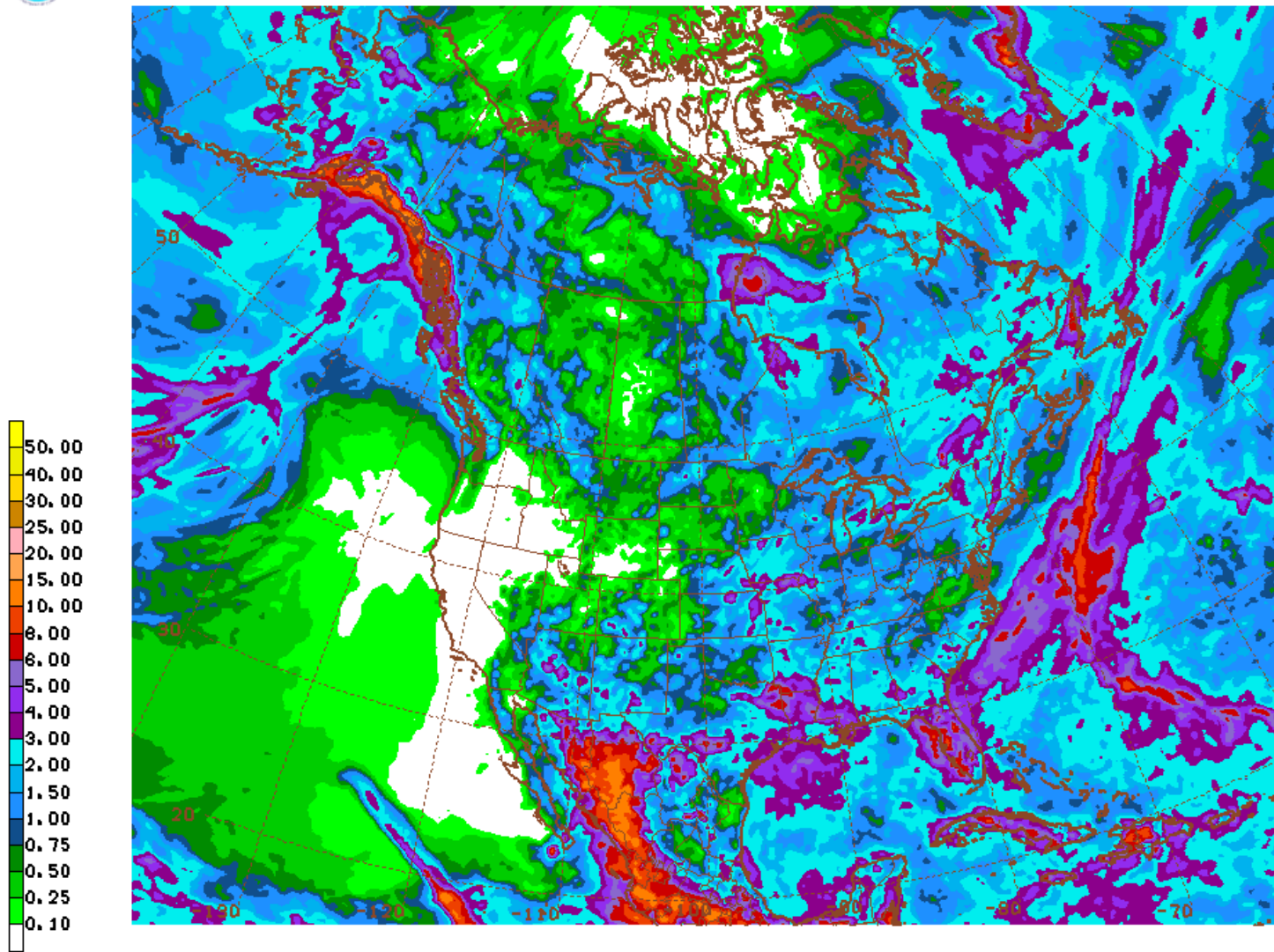
Precipitation

Ukiah Municipal Airport (WBAN: 72590523275 (KUKI))	
Date Range	Cumulative (inches)
Oct 1, 2021 - Aug 18, 2022	19.03
Last 7 Days*	0.00

Cumulative Precipitation Comparison of Current Year versus Historic Record



GFS 08/22/22 12UTC 384HR FCST VALID WED 09/07/22 12UTC NOAA/NWS/NCEP



GFS WED 220907/1200V384 384HR ACCUMULATED PRECIP (IN)

Date Range
Aug 22 - Sep 7, 2022

Forecasted Cumulative (inches)
0.00