



State Water Resources Control Board
 Temporary Urgency Change Order (6/17/2022)
 Russian River Hydrologic Report
 July 29, 2022 - August 4, 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).

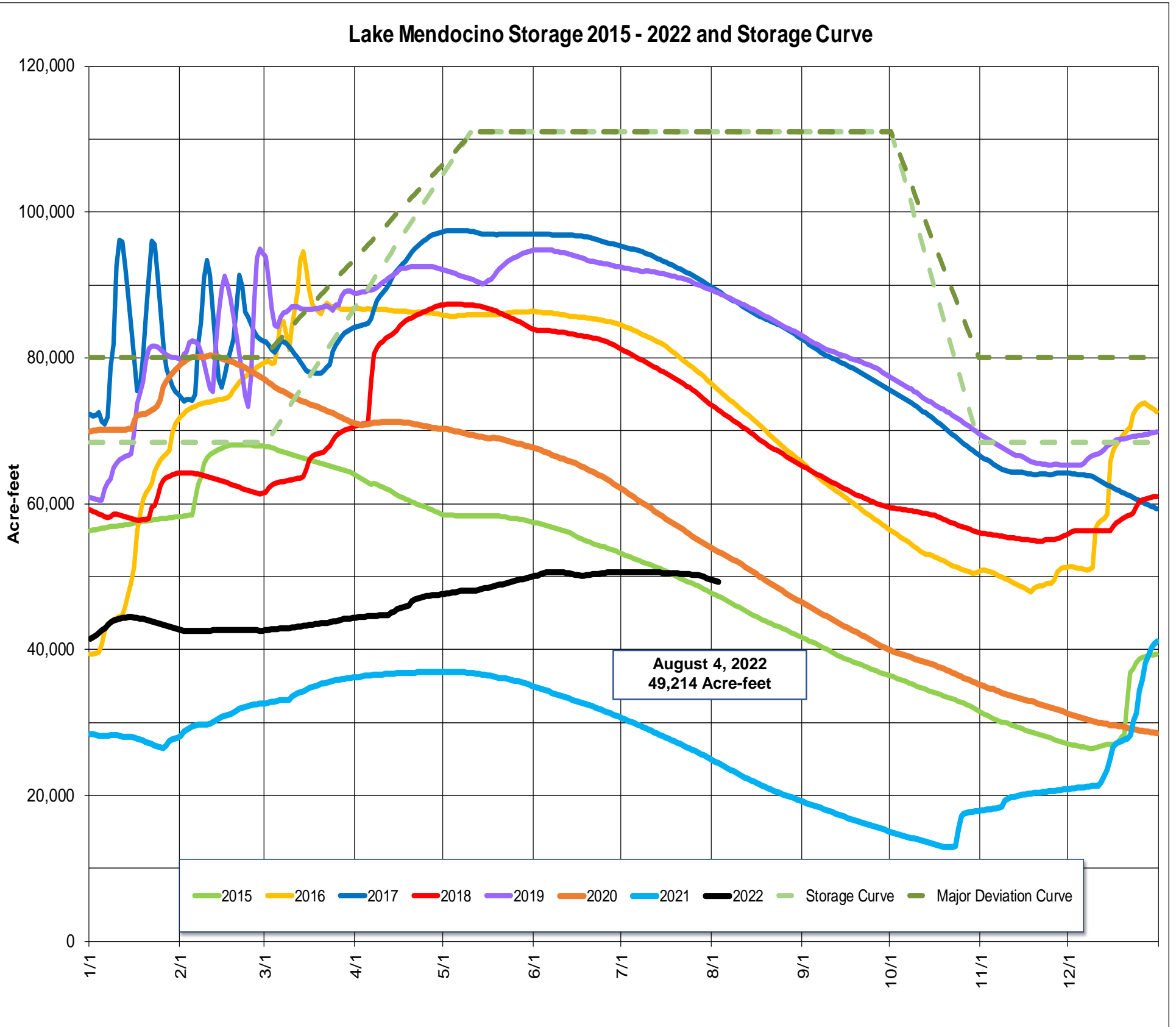
Instream Flow Requirements as of August 4, 2022

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



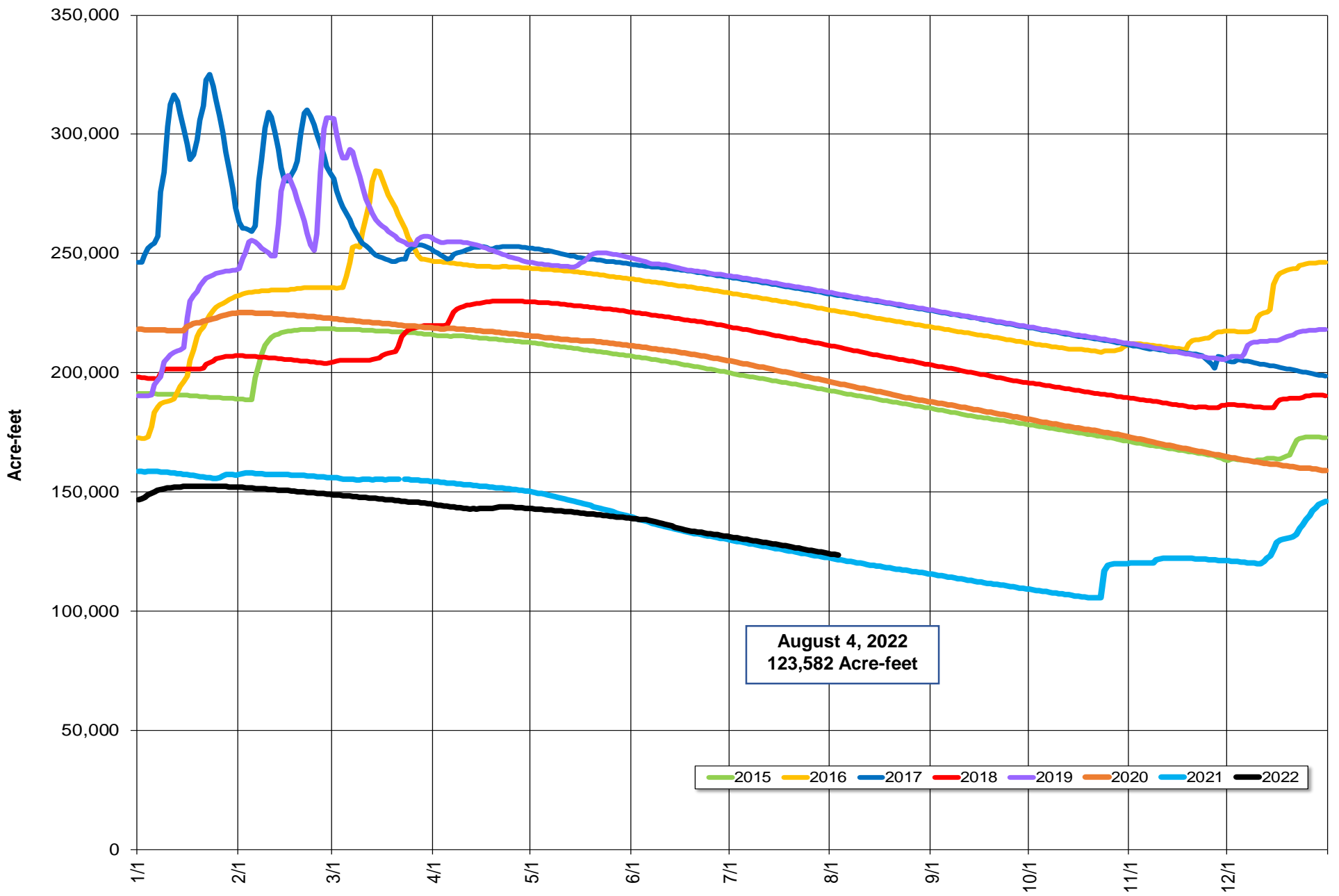
Storage (acre-feet)	August 4, 2022	49,214	
		Total	Average Daily Rate
Change in Storage (acre-feet)	Last 30 days	-1,593	-53
	Last 7 days	-901	-129
Daily Inflow (cfs)	Last 7 days	Min	5
		Max	37
		Mean	22
Release (cfs)	Last 7 days	Min	82
		Max	82
		Mean	82

Lake Sonoma



Nathan Baskett, March 3, 2011

Lake Sonoma Storage 2015-2022



Storage (acre-feet)	August 4, 2022	123,582	
		Total	Average Daily Rate
Change in Storage (acre-feet)	Last 30 days	-7,366	-246
	Last 7 days	-1,404	-201
Daily Inflow (cfs)	Last 7 days	Min	0
		Max	2
		Mean	1
Release (cfs)	Last 7 days	Min	98
		Max	100
		Mean	99

Potter Valley Project

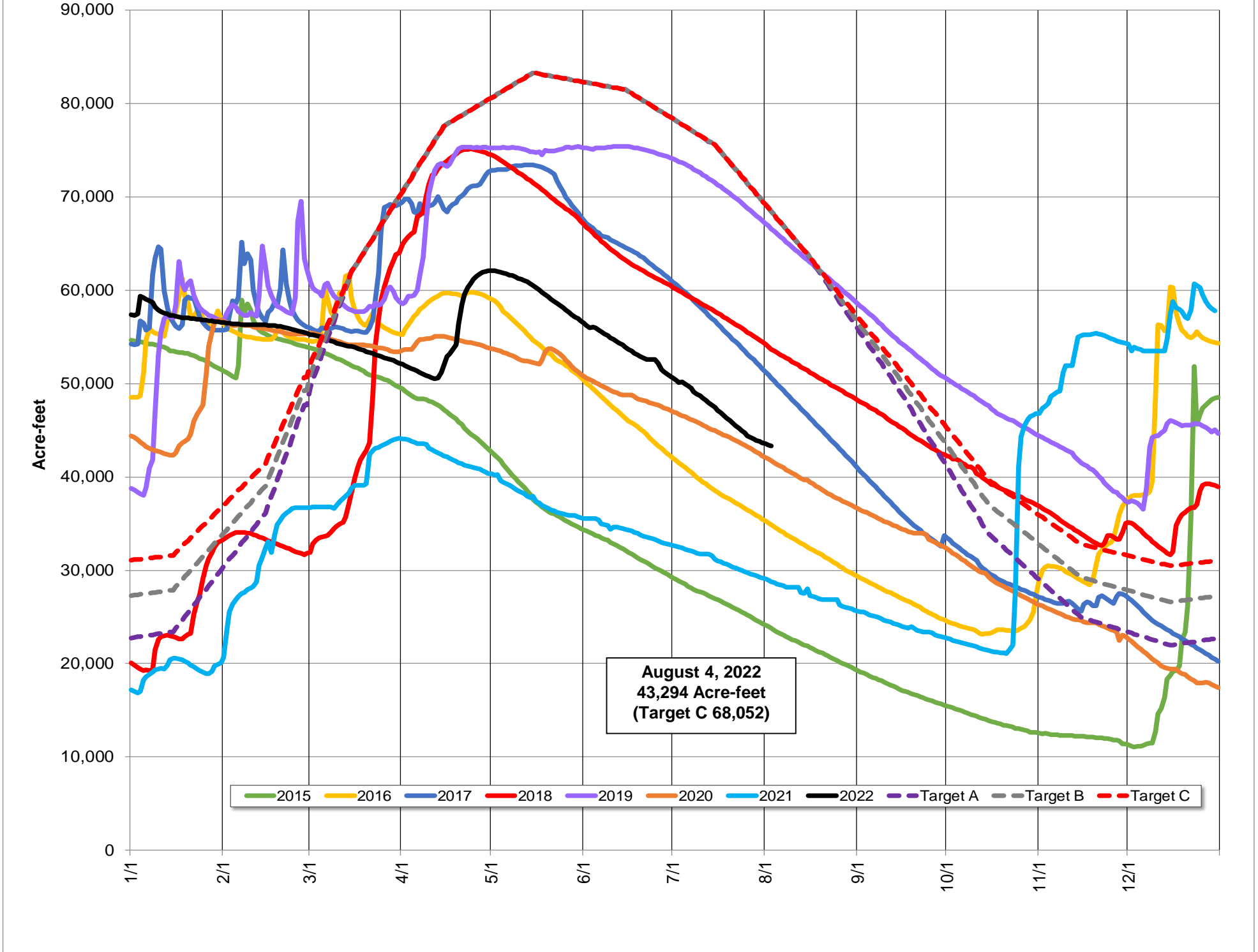
PVP Diversion (cfs)	August 4, 2022	55
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Lake Pillsbury

Parameter	Date Range	Cumulative	Daily Average
Inflow* (acre-feet)	October 1, 2021 - August 4, 2022	227,685	742
	Last 7 days	299	43

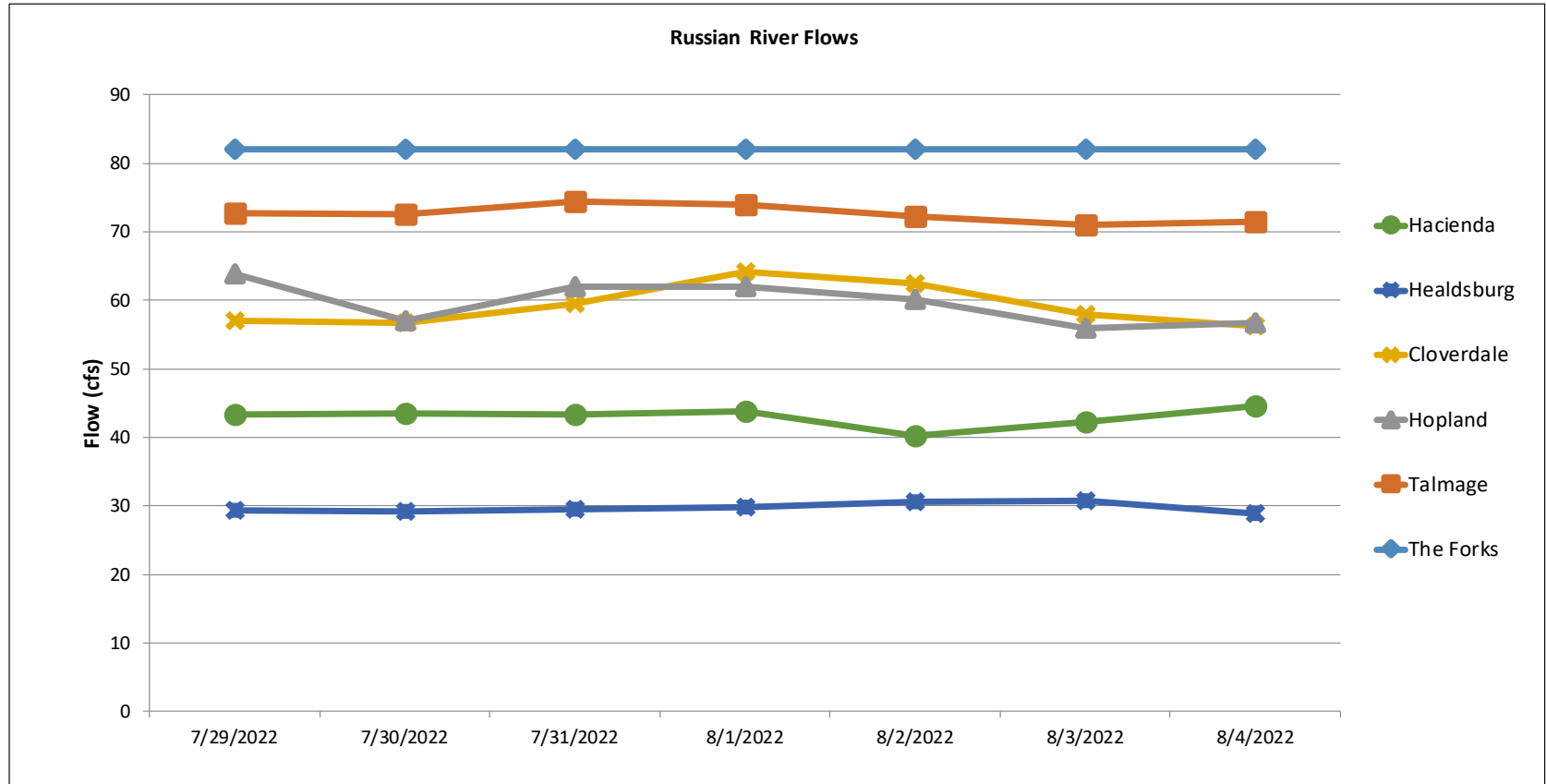
*Inflow calculation based on criteria established in D1610

Lake Pillsbury Storage 2015-2022 and Target Storage Scenarios

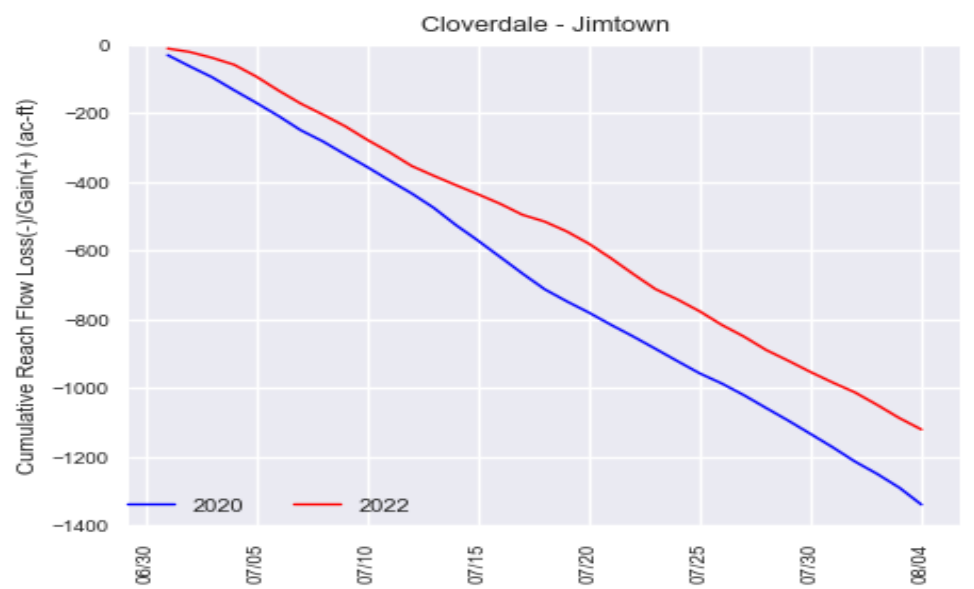
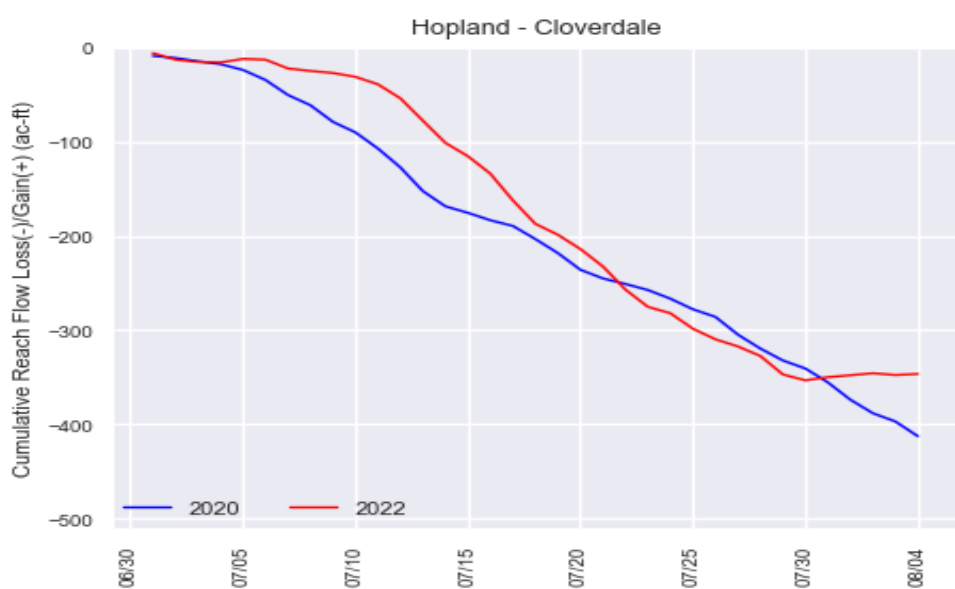
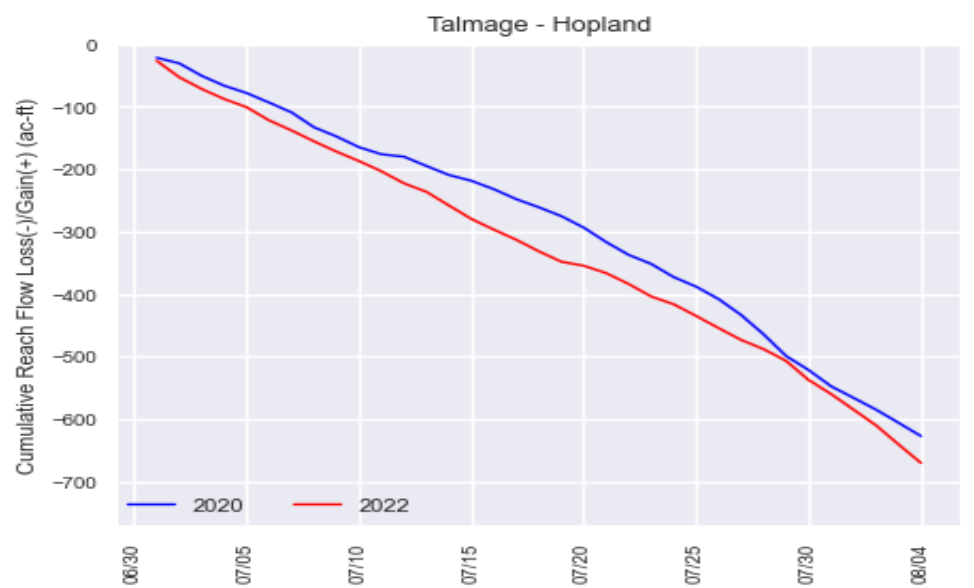
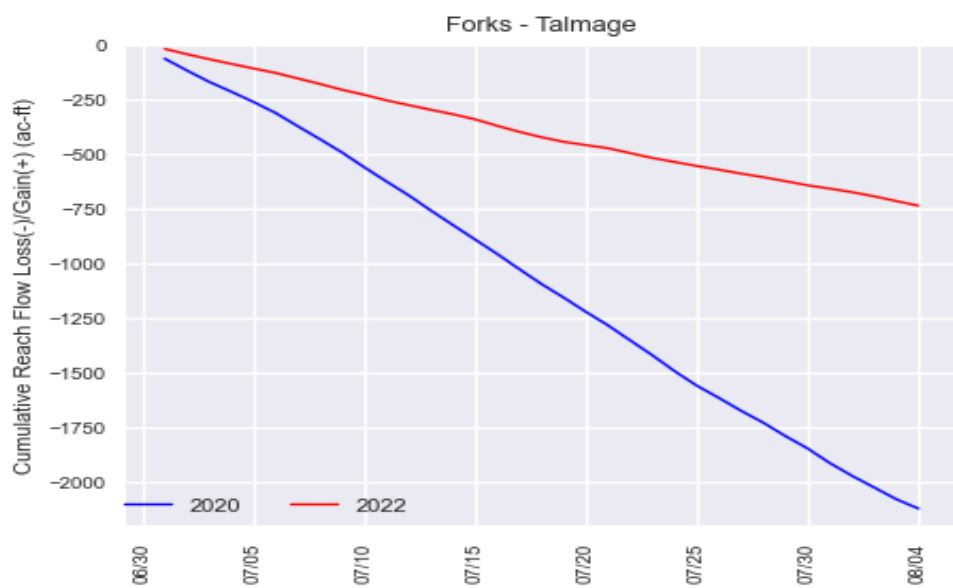


Gage	24-hr Average Flow (cfs)						
	Jul 29, 2022	Jul 30, 2022	Jul 31, 2022	Aug 1, 2022	Aug 2, 2022	Aug 3, 2022	Aug 4, 2022
The Forks*	82	82	82	82	82	82	82
Talmage USGS 11462080	73	73	74	74	72	71	71
Hopland USGS 11462500	64	57	62	62	60	56	57
Cloverdale USGS 11463000	57	57	59	64	62	58	56
Healdsburg USGS 11464000	29	29	29	30	31	31	29
Hacienda USGS 11467000	43	43	43	44	40	42	45

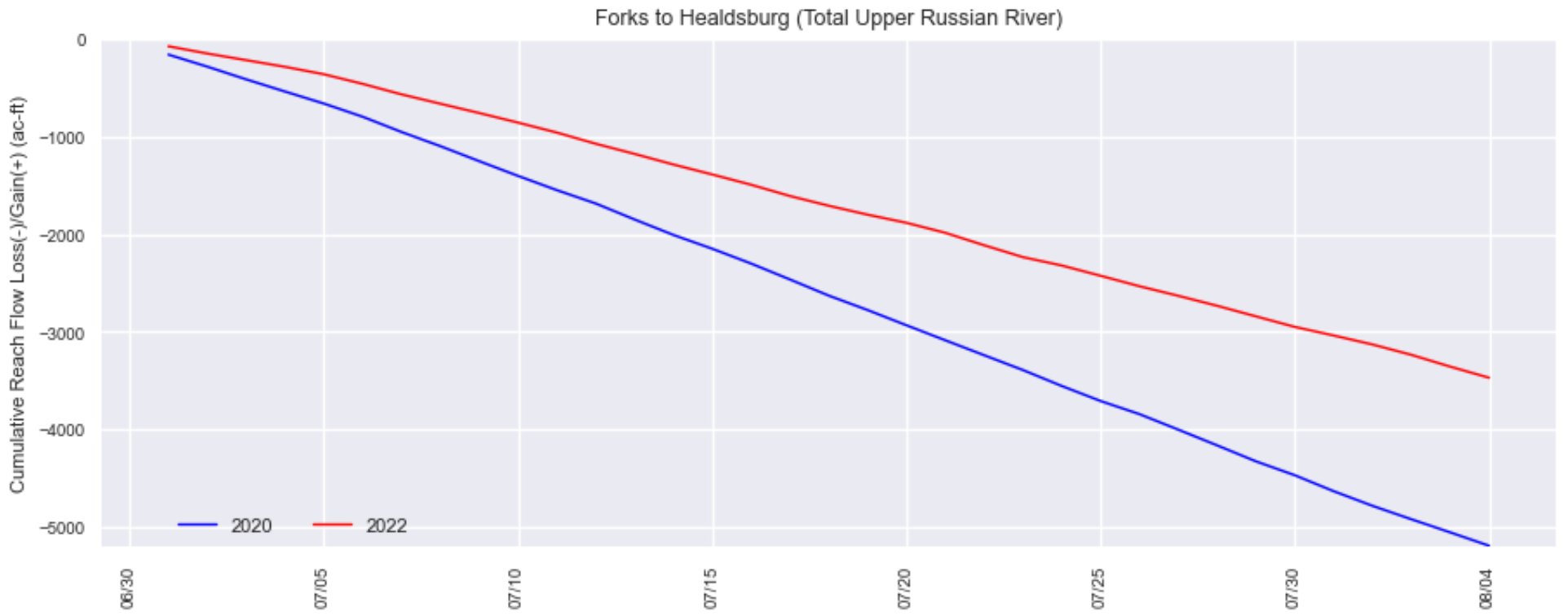
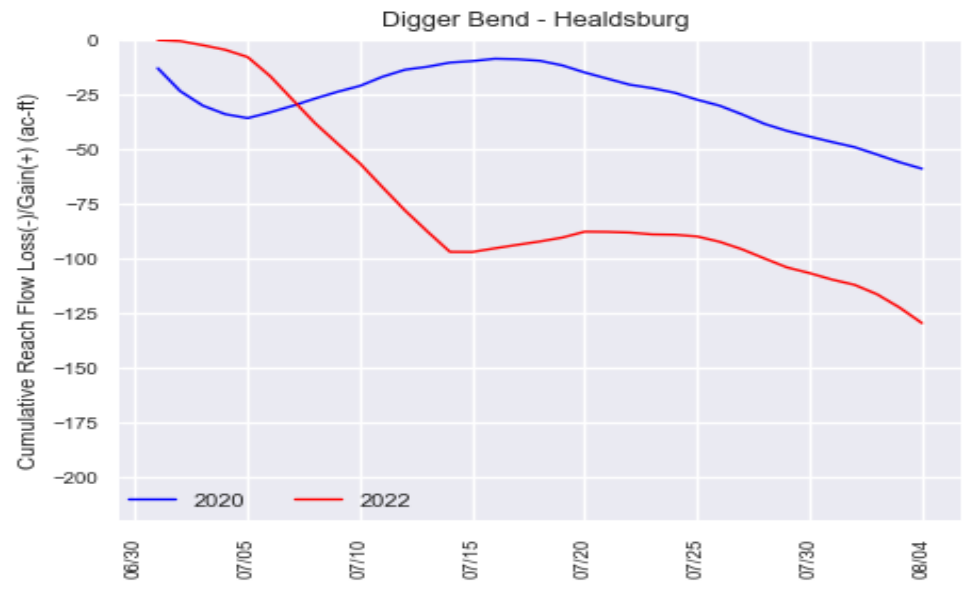
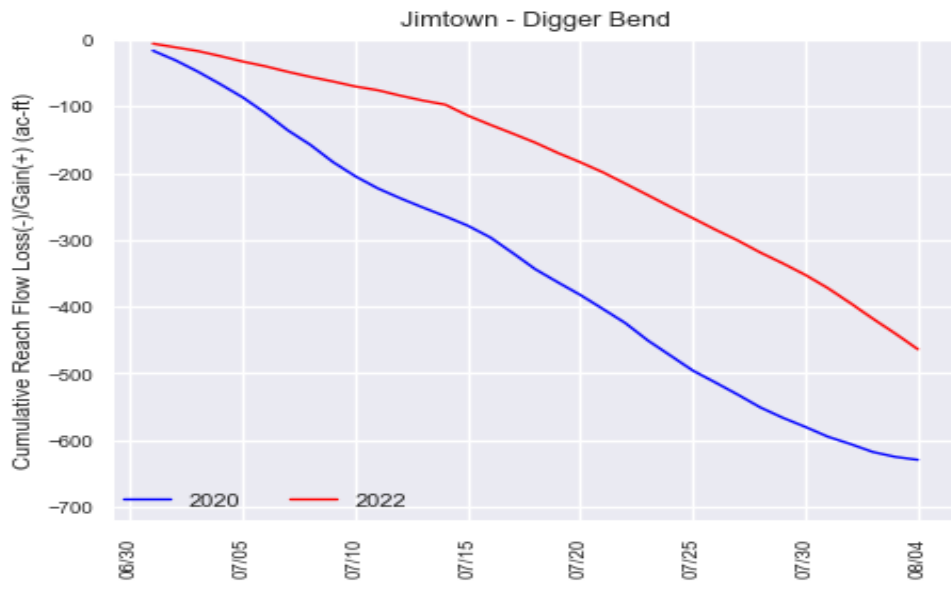
*West Fork(USGS 11461000) + East Fork (Coyote Valley Dam Release)



Upper Russian River Flow Gain/Loss (July 1, 2022 - August 04, 2022)



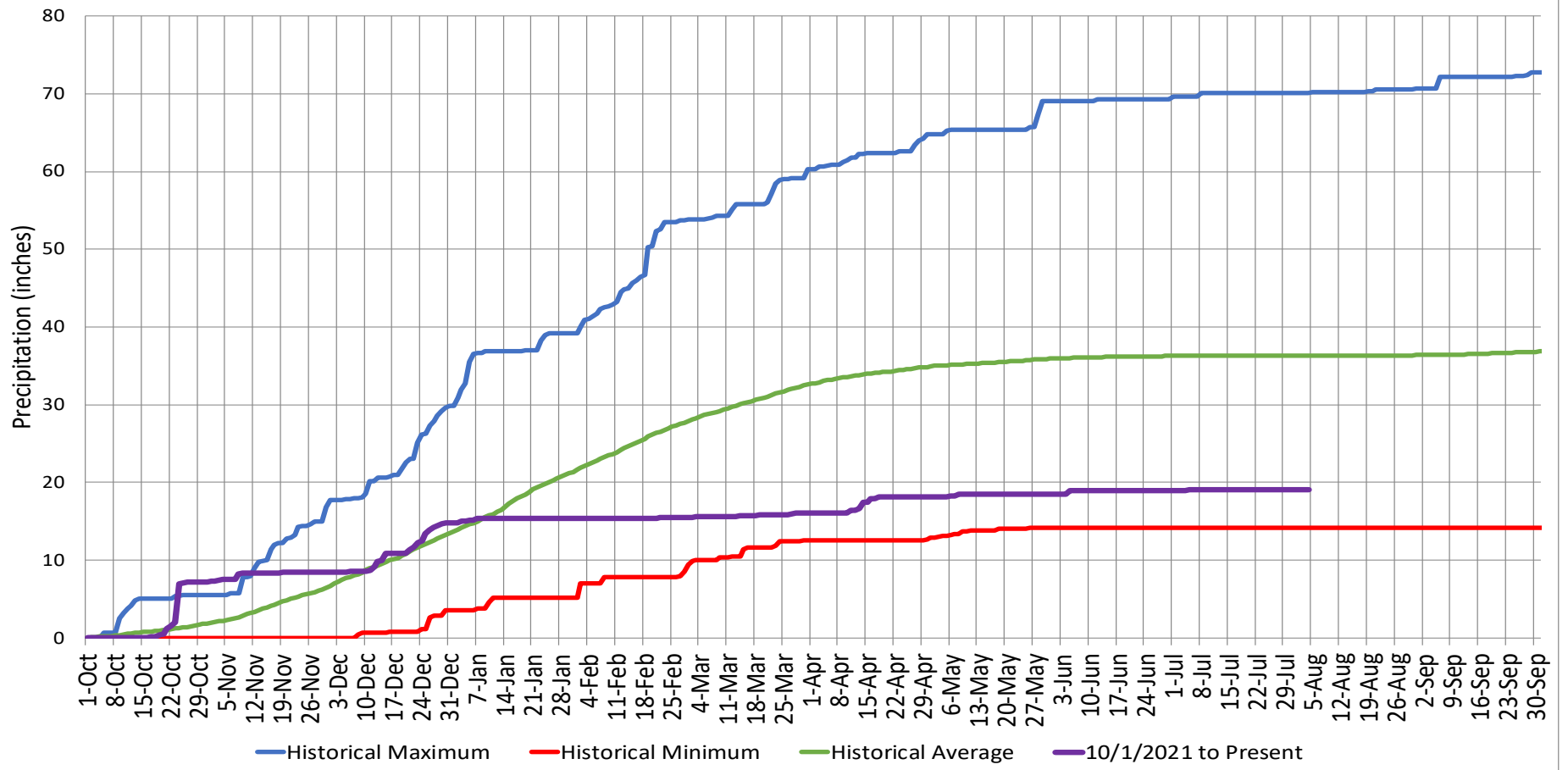
Upper Russian River Flow Gain/Loss (July 1, 2022 - August 04, 2022)



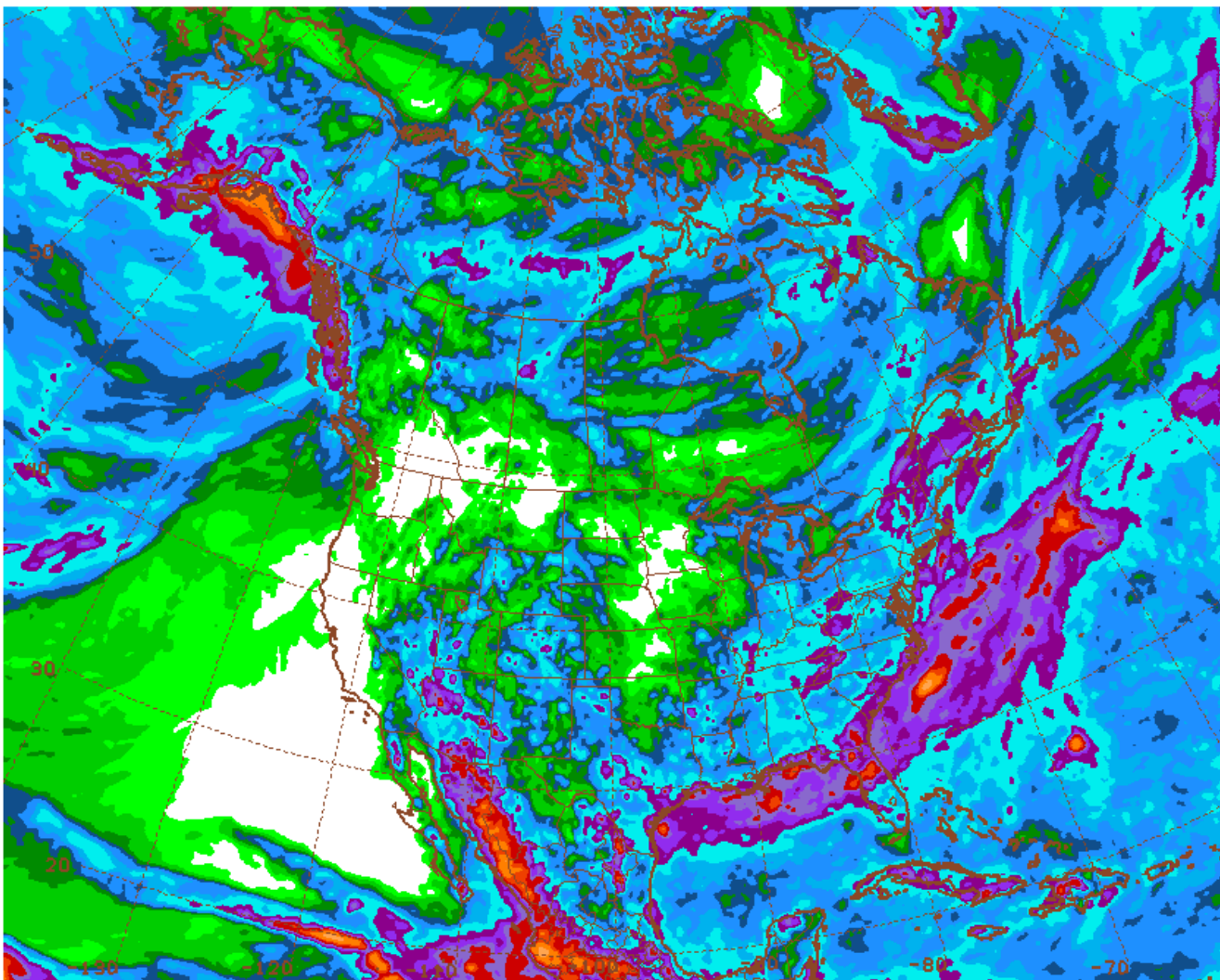
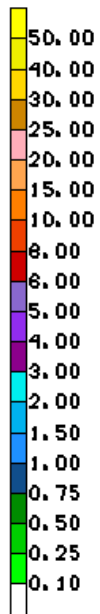
Precipitation

Ukiah Municipal Airport (WBAN: 72590523275 (KUKI))	
Date Range	Cumulative (inches)
Oct 1, 2021 - Aug 4, 2022	19.03
Last 7 Days*	0.00

Cumulative Precipitation Comparison of Current Year versus Historic Record



GFS 08/08/22 12UTC 384HR FCST VALID WED 08/24/22 12UTC NOAA/NWS/NCEP



GFS WED 220824/1200V384 384HR ACCUMULATED PRECIP (IN)

Date Range
Aug 8 - Aug 24, 2022

Forecasted Cumulative (inches)
0.00