



**State Water Resources Control Board
 Temporary Urgency Change Order (6/17/2022)
 Russian River Hydrologic Report
 July 8, 2022 - July 14, 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).

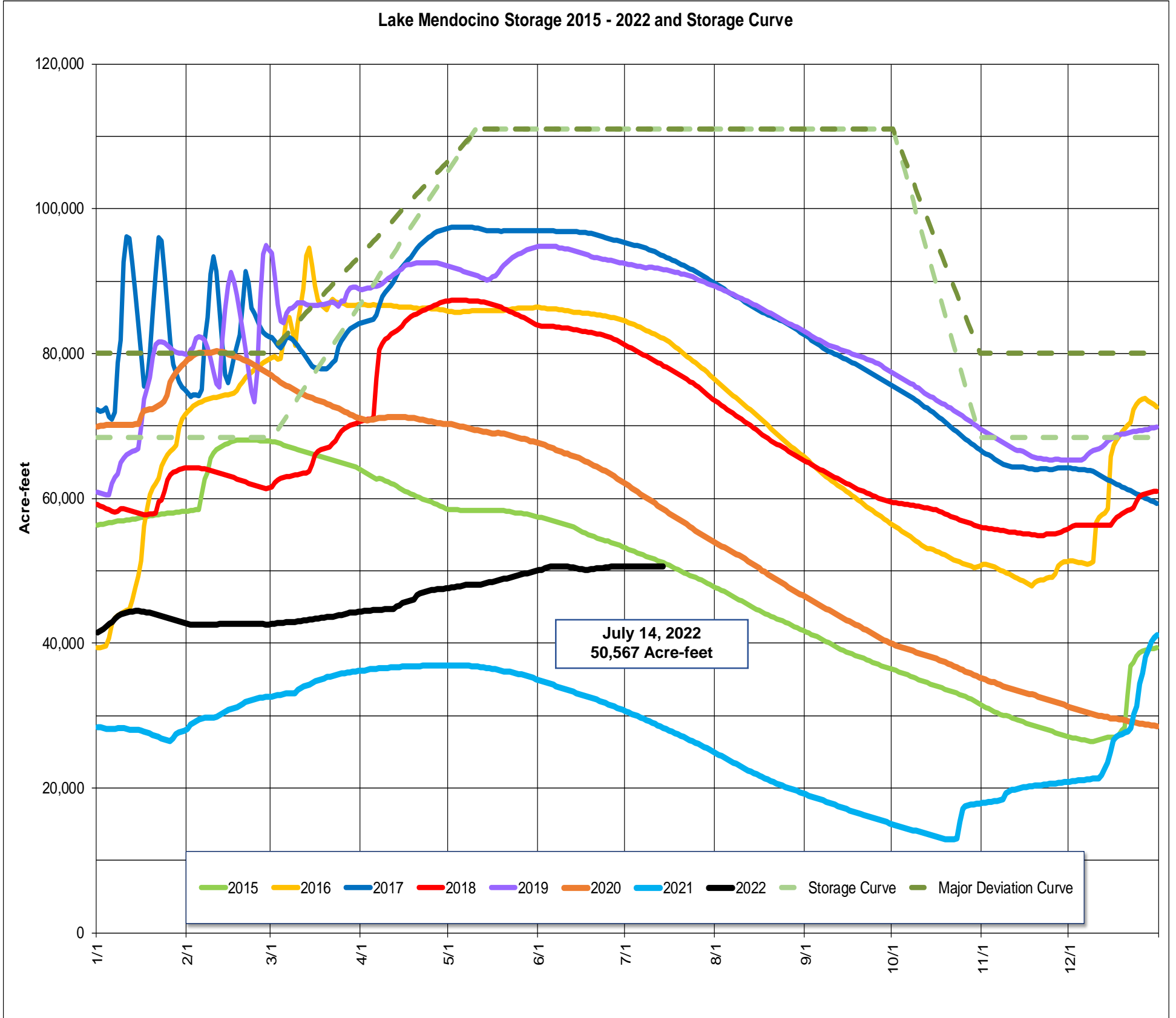
Instream Flow Requirements as of July 14, 2022

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



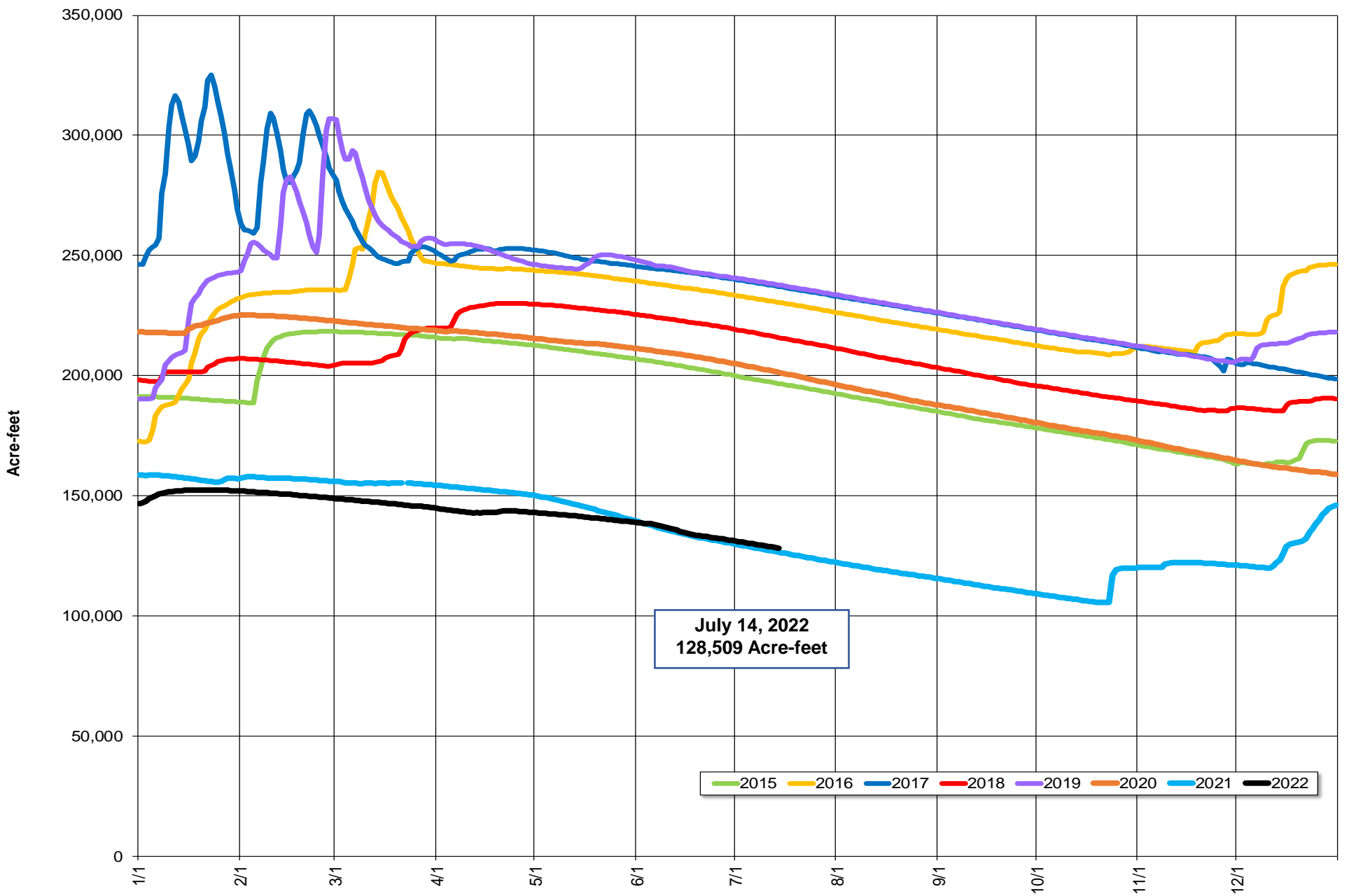
Storage (acre-feet)	July 14, 2022	50,567	
		Total	Average Daily Rate
Change in Storage (acre-feet)	Last 30 days	166	6
	Last 7 days	-45	-6
Daily Inflow (cfs)	Last 7 days	Min	85
		Max	98
		Mean	93
Release (cfs)	Last 7 days	Min	79
		Max	82
		Mean	81

Lake Sonoma



Nathan Baskett, March 3, 2011

Lake Sonoma Storage 2015-2022



Storage (acre-feet)	July 14, 2022	128,509	
		Total	Average Daily Rate
Change in Storage (acre-feet)	Last 30 days	-7,059	-235
	Last 7 days	-1,303	-186
Daily Inflow (cfs)	Last 7 days	Min	0
		Max	2
		Mean	1
Release (cfs)	Last 7 days	Min	92
		Max	96
		Mean	93

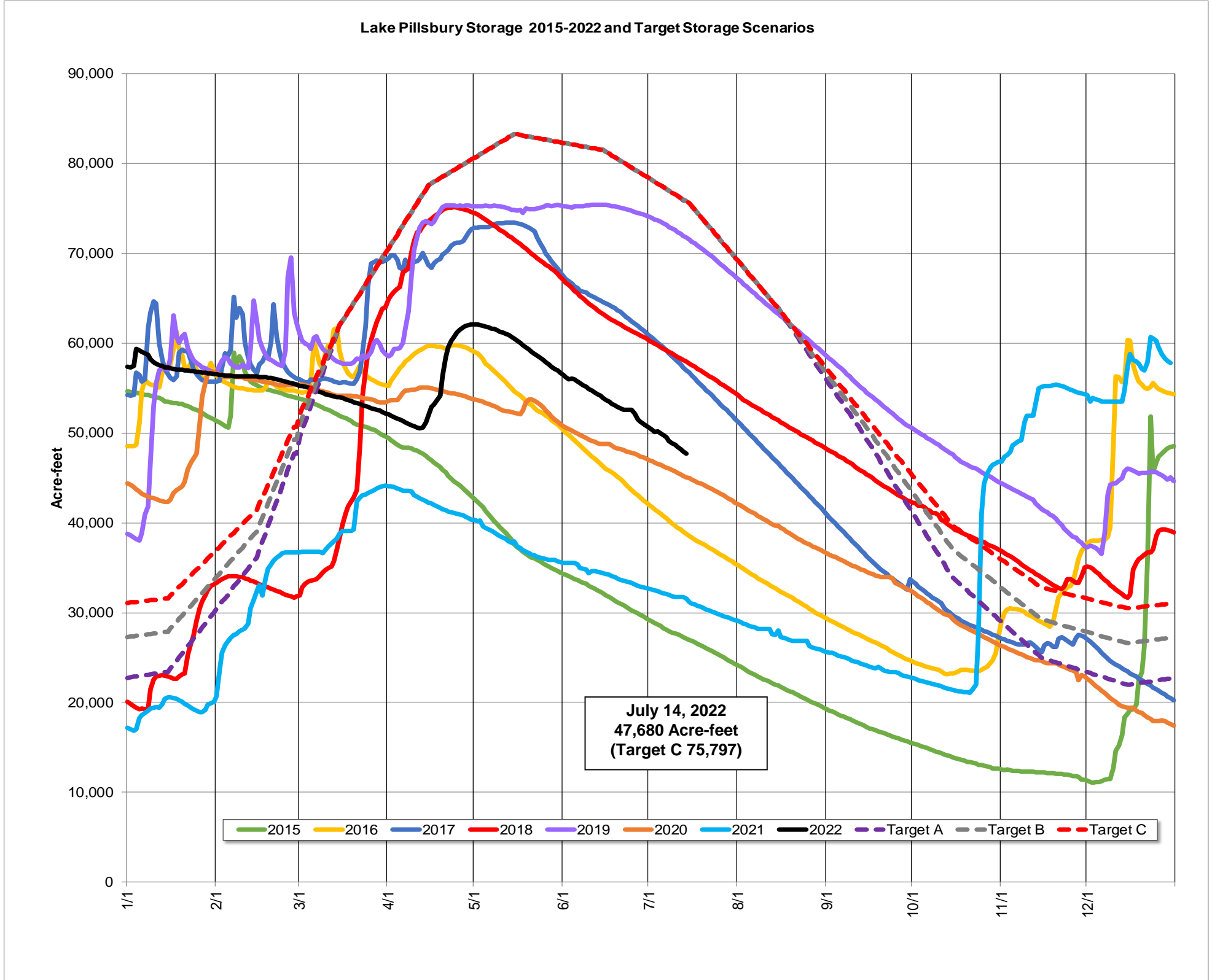
Potter Valley Project

PVP Diversion (cfs)	July 14, 2022	120
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Lake Pillsbury

Parameter	Date Range	Cumulative	Daily Average
Inflow* (acre-feet)	October 1, 2021 - July 14, 2022	226,868	793
	Last 7 days	447	64

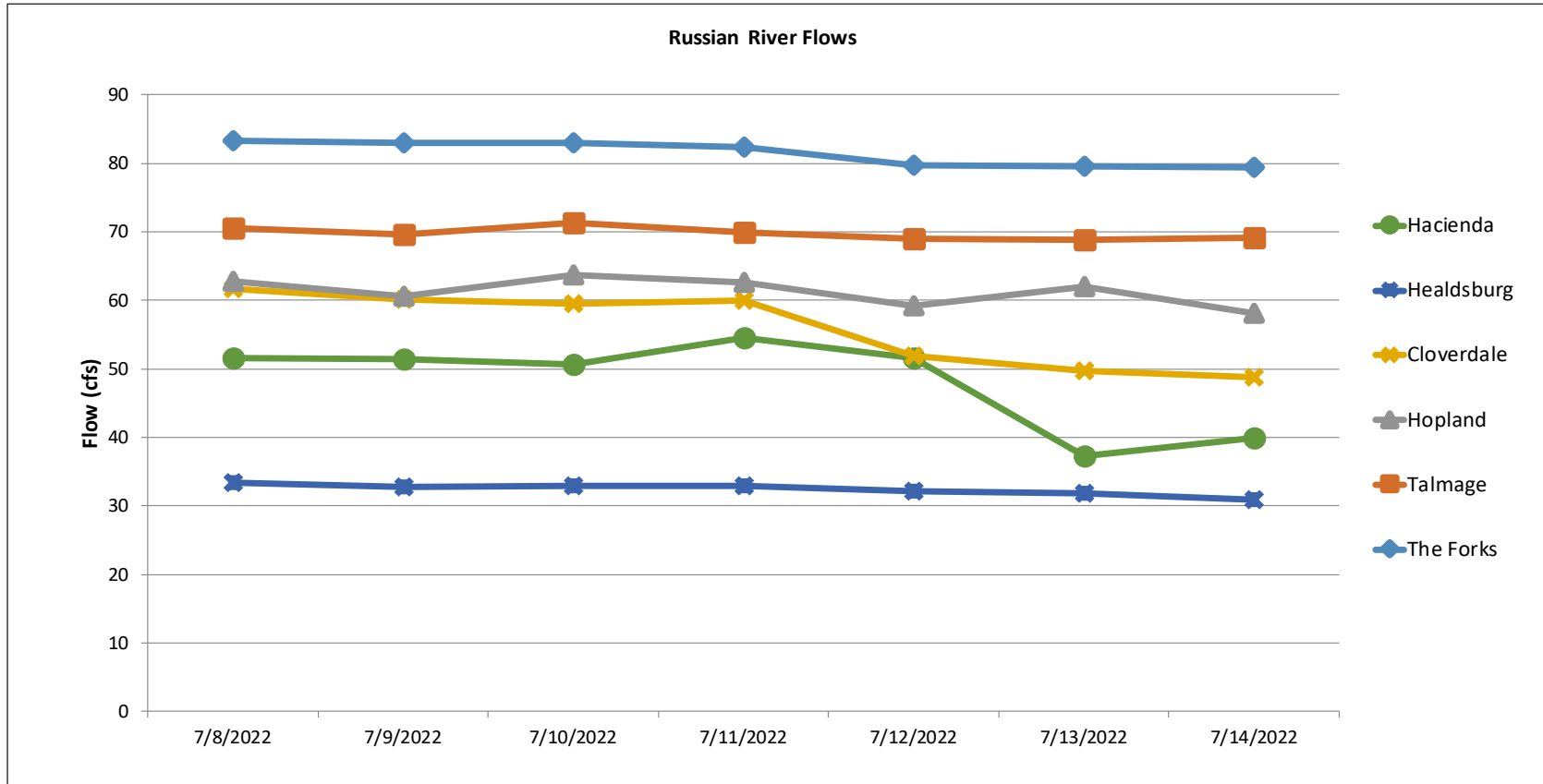
*Inflow calculation based on criteria established in D1610



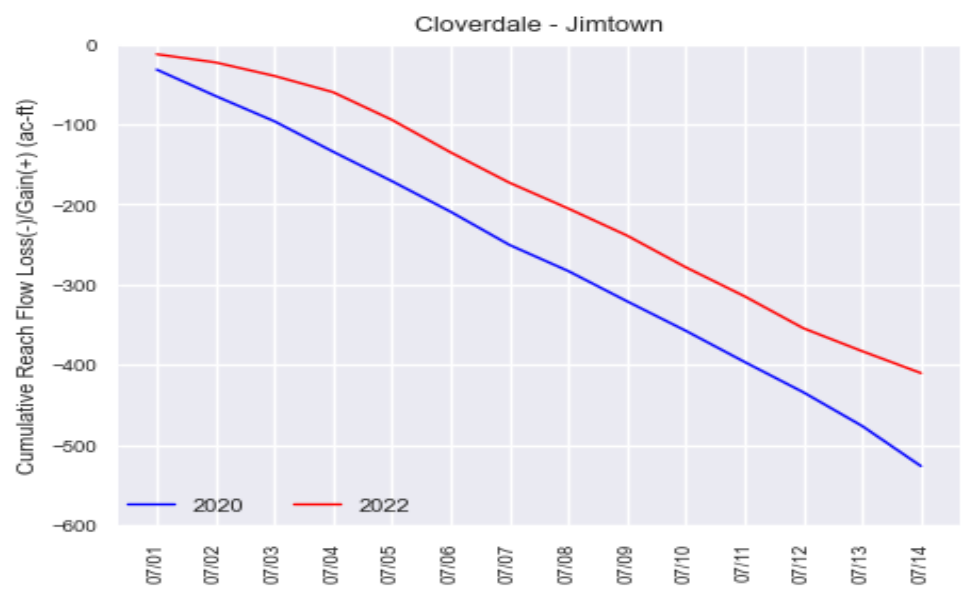
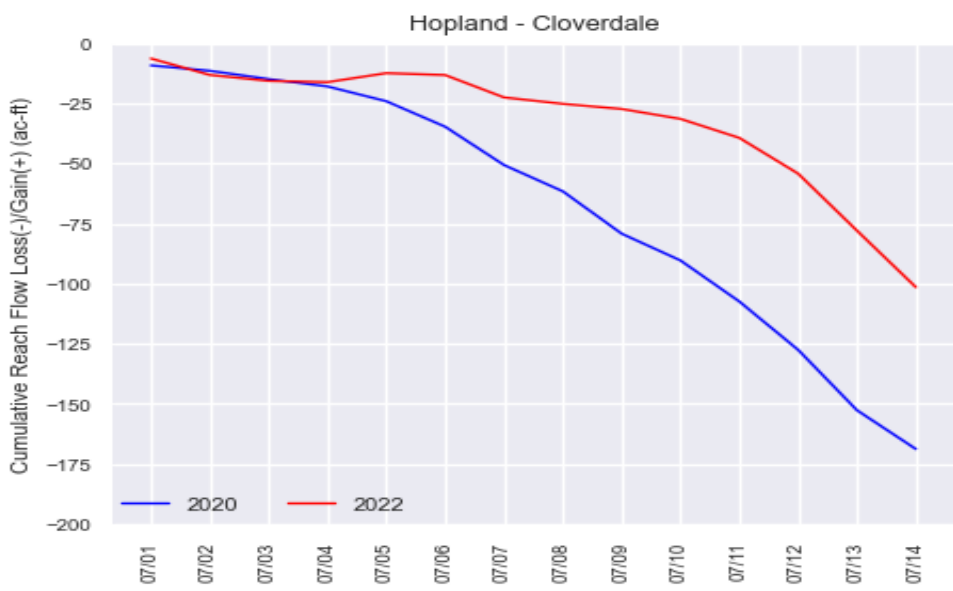
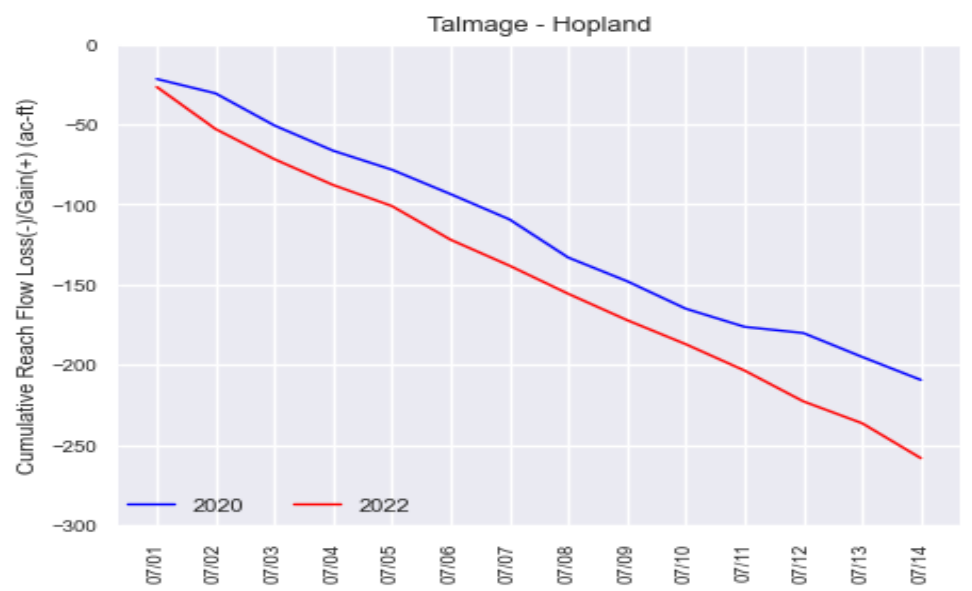
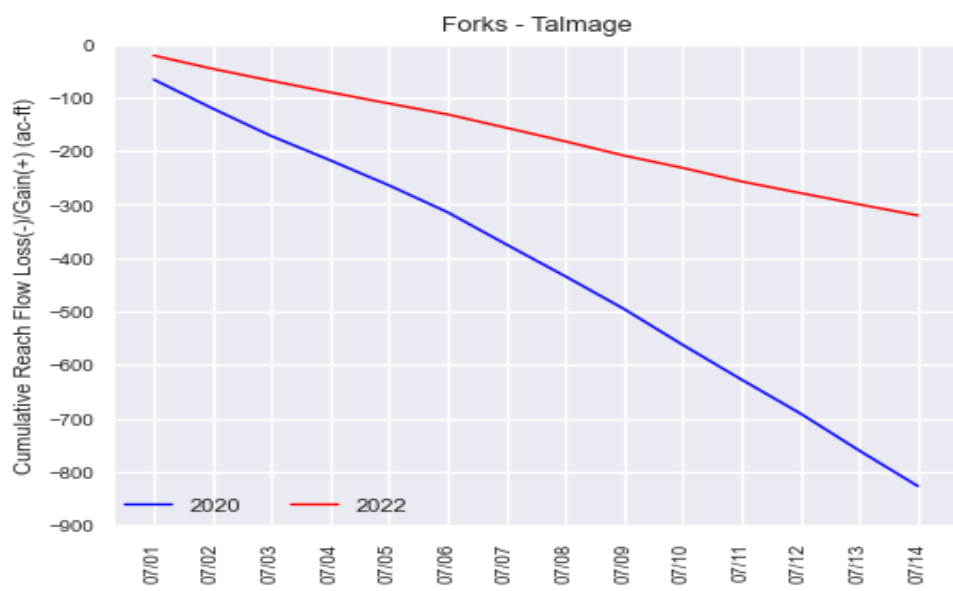
Russian River Flows (July 8, 2022 - July 14, 2022)

Gage	24-hr Average Flow (cfs)						
	Jul 8, 2022	Jul 9, 2022	Jul 10, 2022	Jul 11, 2022	Jul 12, 2022	Jul 13, 2022	Jul 14, 2022
The Forks*	83	83	83	82	80	79	79
Talmage USGS 11462080	70	70	71	70	69	69	69
Hopland USGS 11462500	63	61	64	63	59	62	58
Cloverdale USGS 11463000	62	60	60	60	52	50	49
Healdsburg USGS 11464000	33	33	33	33	32	32	31
Hacienda USGS 11467000	52	51	51	54	52	37	40

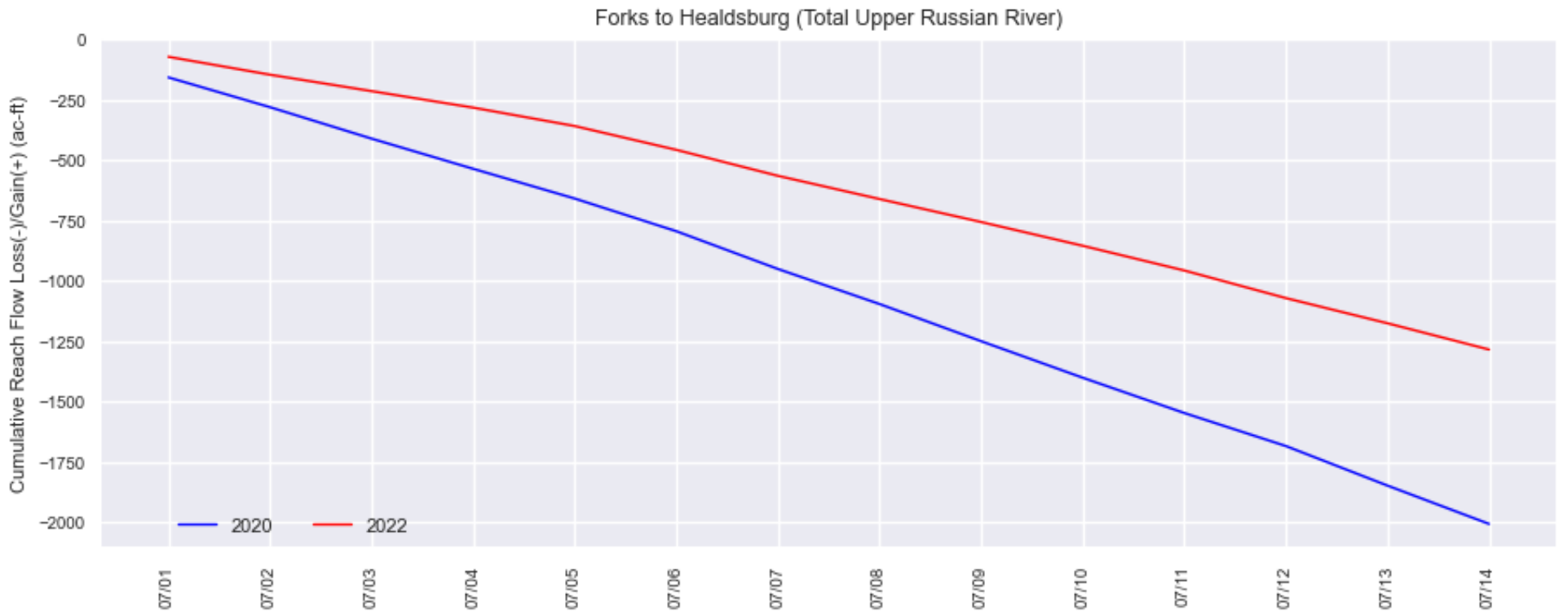
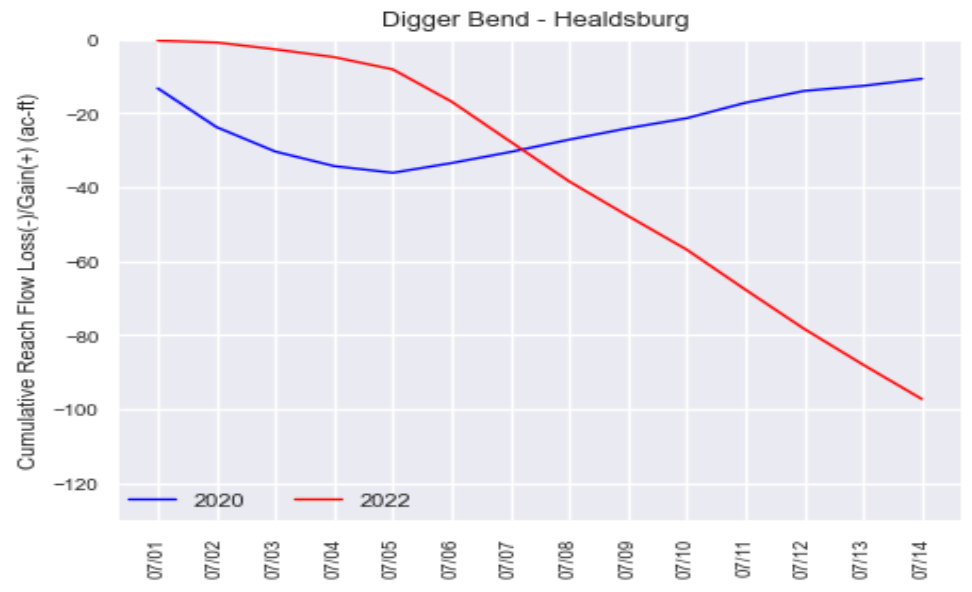
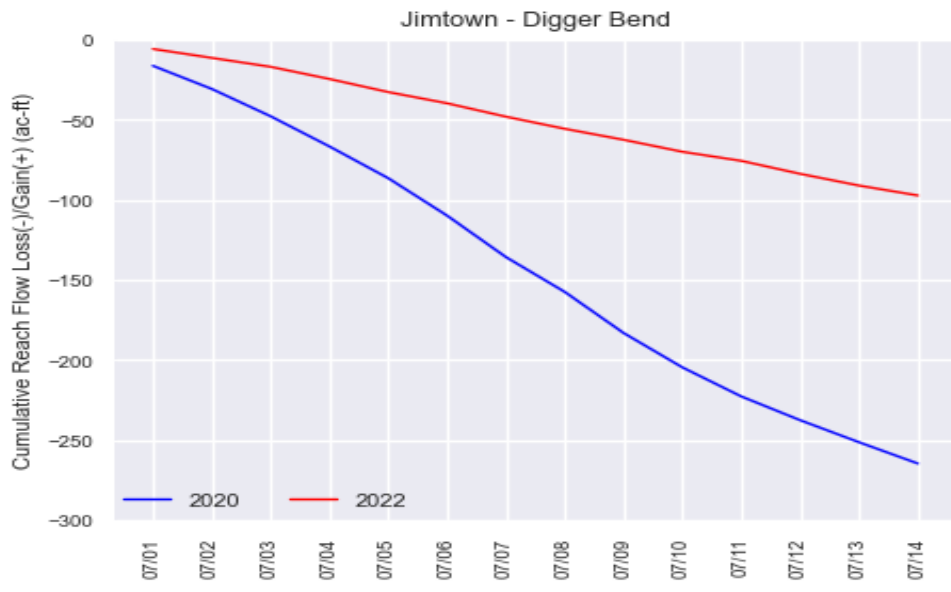
*West Fork(USGS 11461000) + East Fork (Coyote Valley Dam Release)



Upper Russian River Flow Gain/Loss (July 1, 2022 - July 14, 2022)



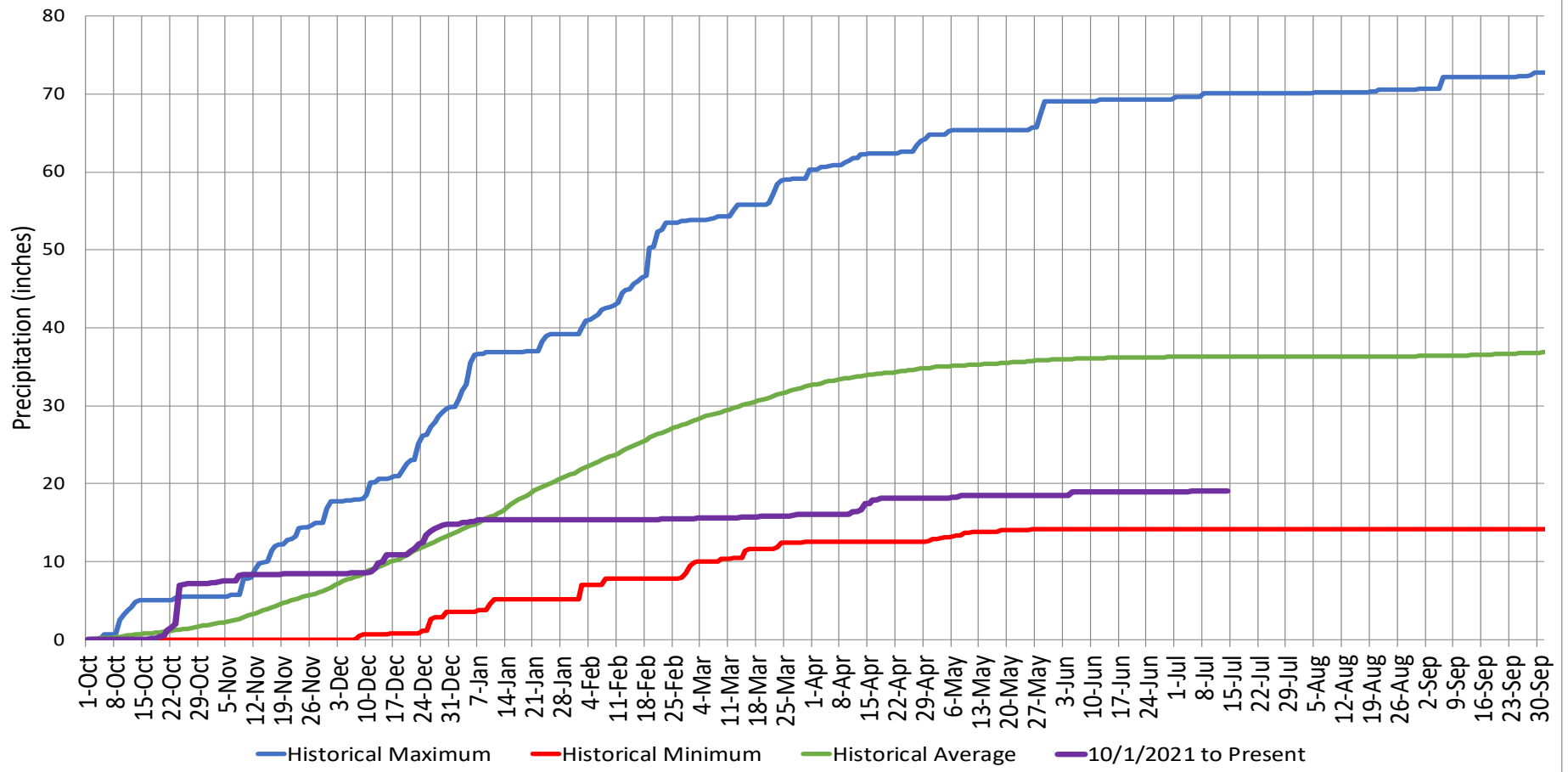
Upper Russian River Flow Gain/Loss (July 1, 2022 - July 14, 2022)



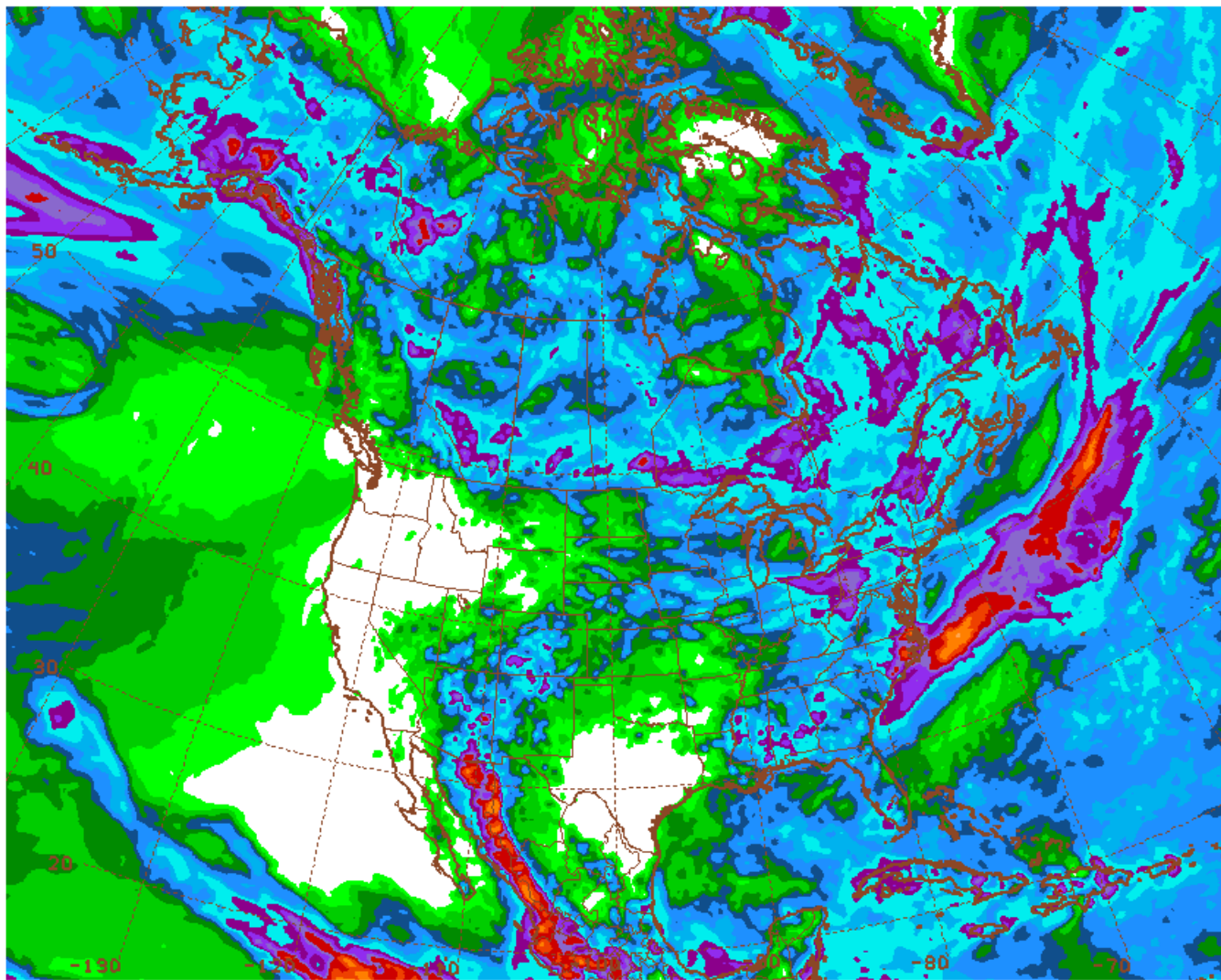
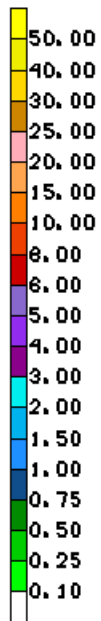
Precipitation

Ukiah Municipal Airport (WBAN: 72590523275 (KUKI))	
Date Range	Cumulative (inches)
Oct 1, 2021 - Jul 14, 2022	19.03
Last 7 Days*	0.00

Cumulative Precipitation Comparison of Current Year versus Historic Record



GFS 07/18/22 12UTC 384HR FCST VALID WED 08/03/22 12UTC NOAA/NWS/NCEP



GFS WED 220803/1200V384 384HR ACCUMULATED PRECIP (IN)

Date Range
Jul 18 - Aug 3, 2022

Forecasted Cumulative (inches)
0.00