



State Water Resources Control Board
Temporary Urgency Change Order (6/17/2022)
Russian River Hydrologic Report
October 7, 2022 - October 13, 2022

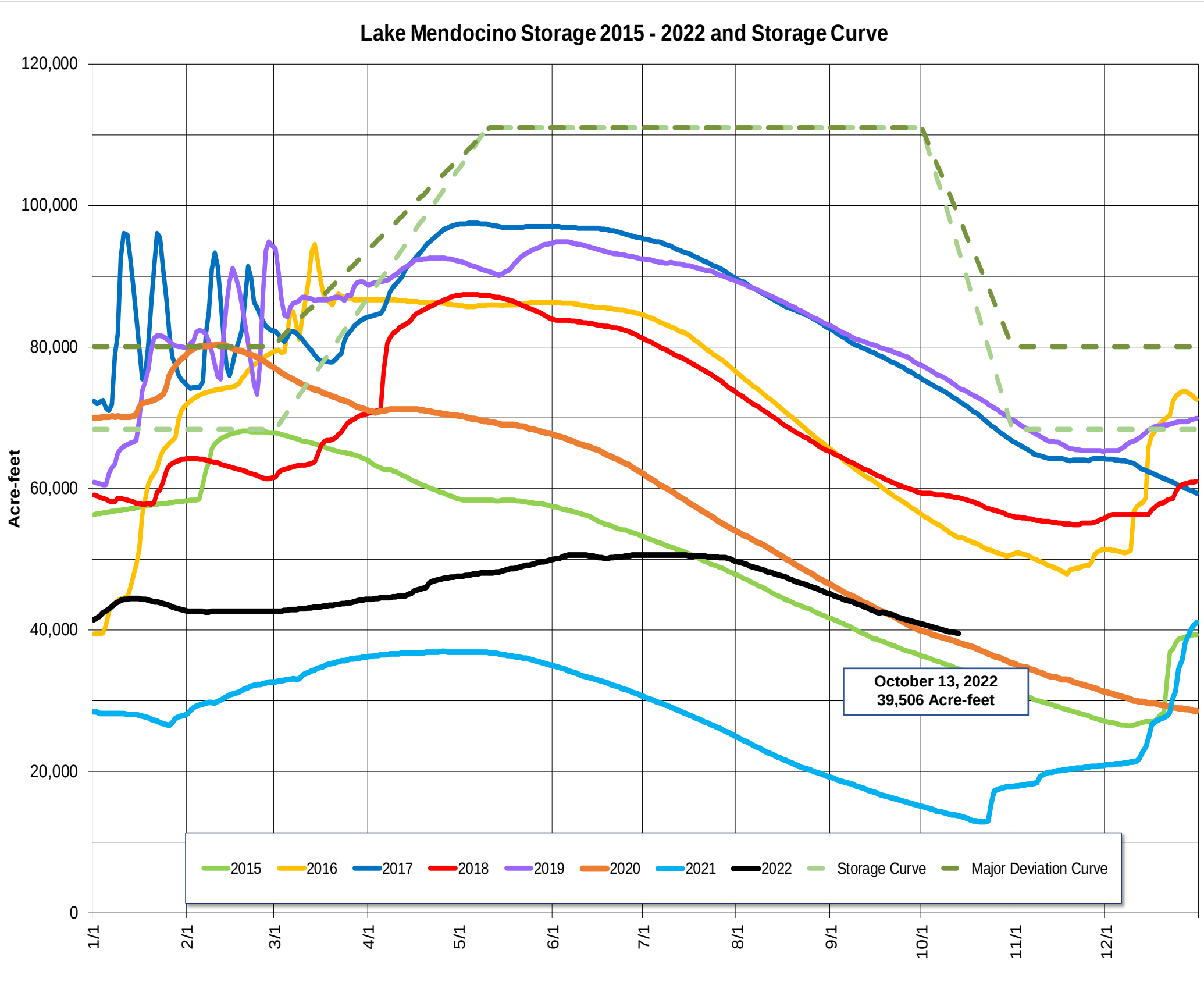
Prepared as a requirement of the Order approving Sonoma Water's Petition for Temporary Urgency Change in Permits 12947A, 12949, 12950, and 16596 (Applications 12919A, 15736, 15737, and 19351).

Instream Flow Requirements as of October 13, 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



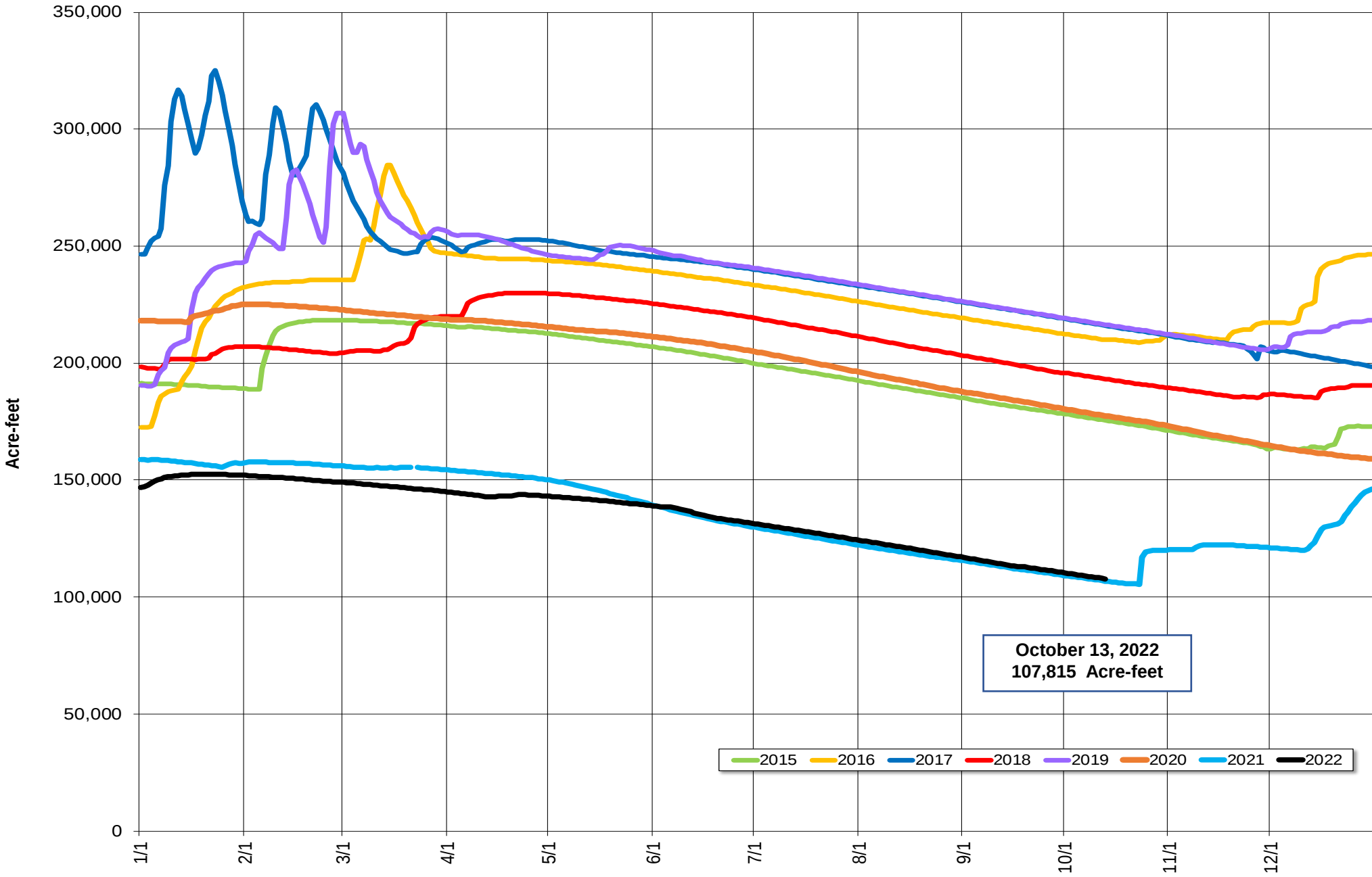
Storage (acre-feet)	October 13, 2022	39,506	
		Total	Average Daily Rate
Change in Storage (acre-feet)	Last 30 days	-3,584	-119
	Last 7 days	-749	-107
Daily Inflow (cfs)	Last 7 days	Min	8
		Max	20
		Mean	13
Release (cfs)	Last 7 days	Min	55
		Max	61
		Mean	58

Lake Sonoma



Nathan Baskett, March 3 , 2011

Lake Sonoma Storage 2015-2022



Storage (acre-feet)	October 13, 2022	107,815	
		Total	Average Daily Rate
Change in Storage (acre-feet)	Last 30 days	-6,754	-225
	Last 7 days	-1,235	-176
Daily Inflow (cfs)	Last 7 days	Min	0
		Max	7
		Mean	1
Release (cfs)	Last 7 days	Min	93
		Max	94
		Mean	94

Potter Valley Project

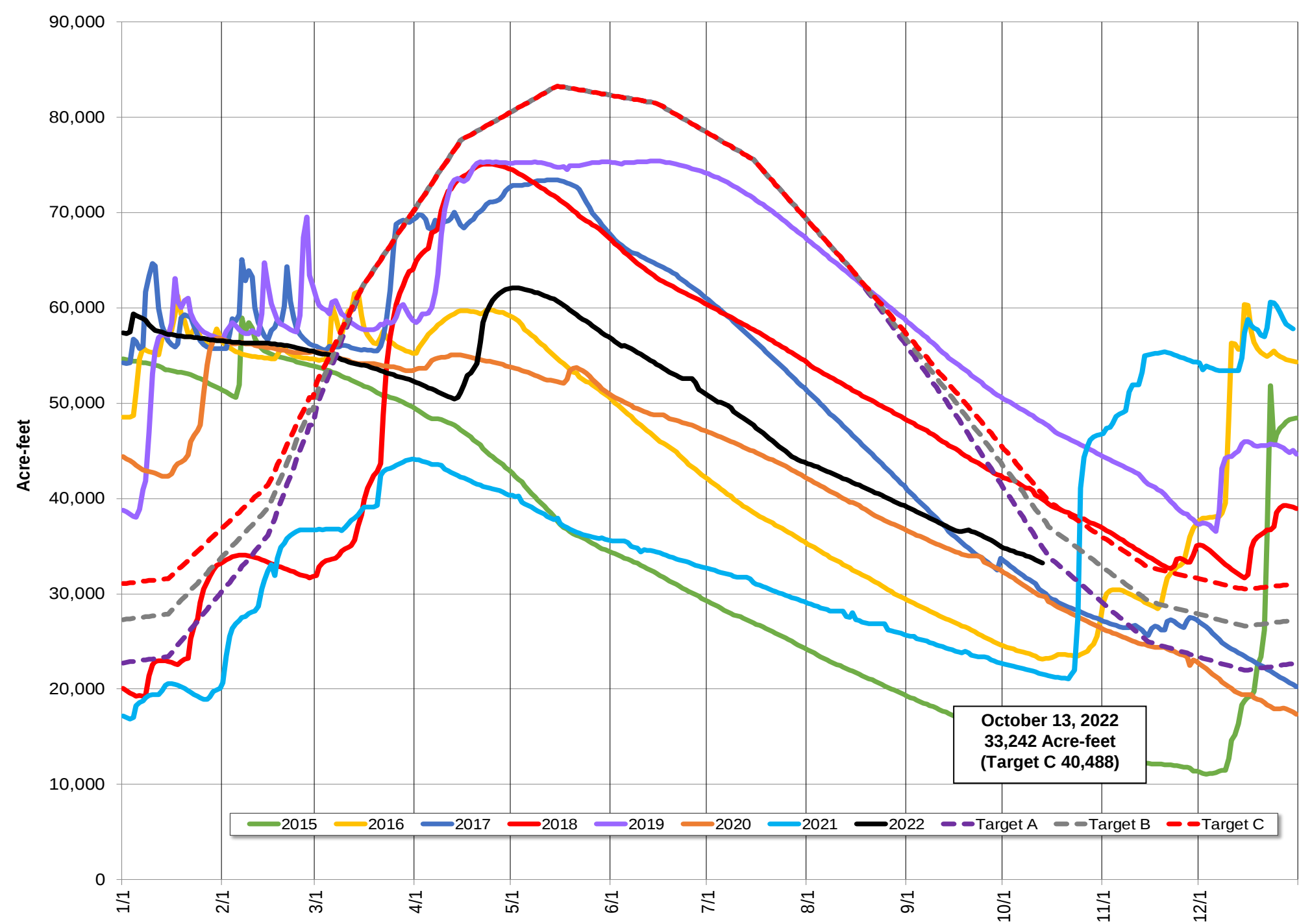
PVP Diversion (cfs)	October 13, 2022	35
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Lake Pillsbury

Parameter	Date Range	Cumulative	Daily Average
Inflow* (acre-feet)	October 1, 2022 - October 13, 2022	465	36
	Last 7 days	214	31

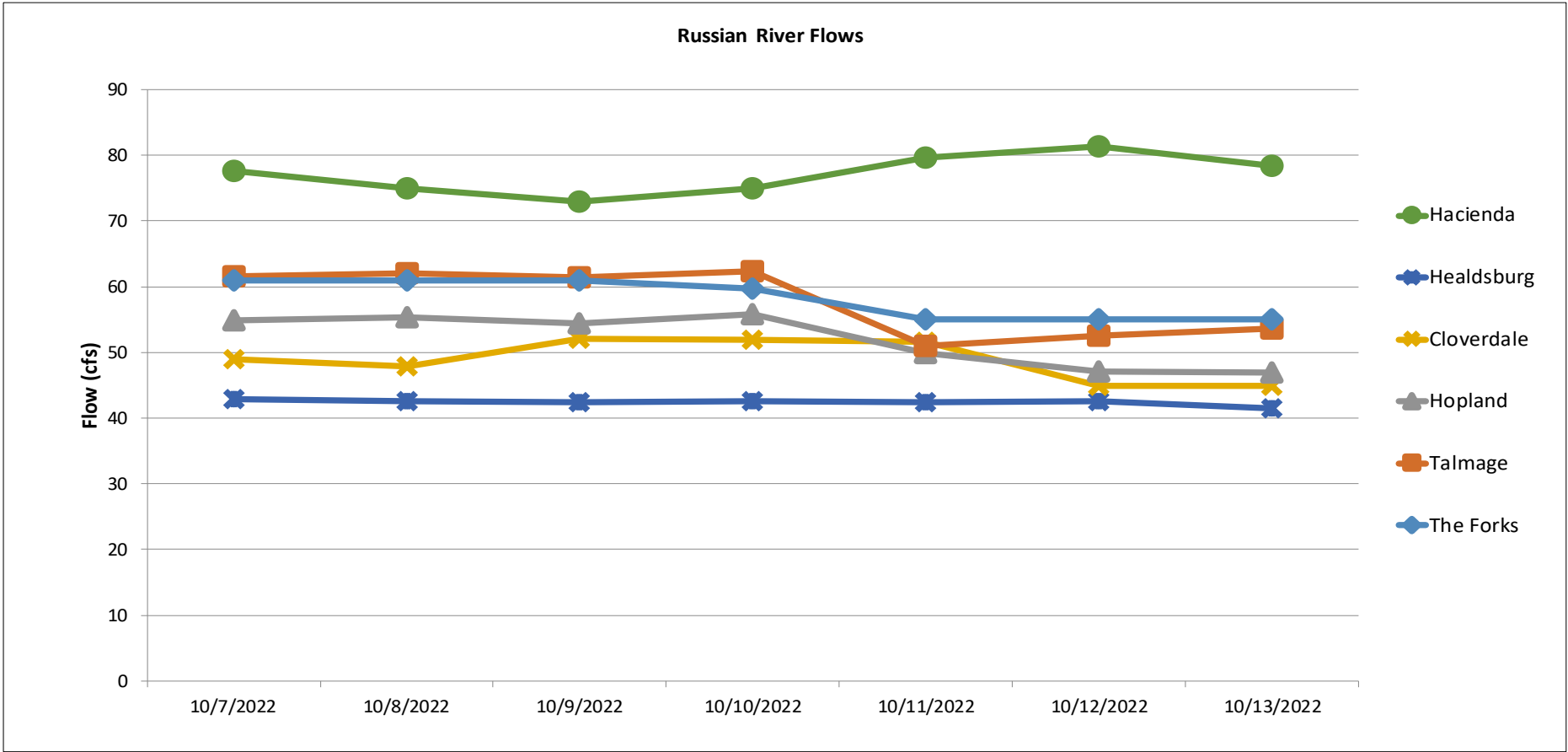
*Inflow calculation based on criteria established in D1610

Lake Pillsbury Storage 2015-2022 and Target Storage Scenarios

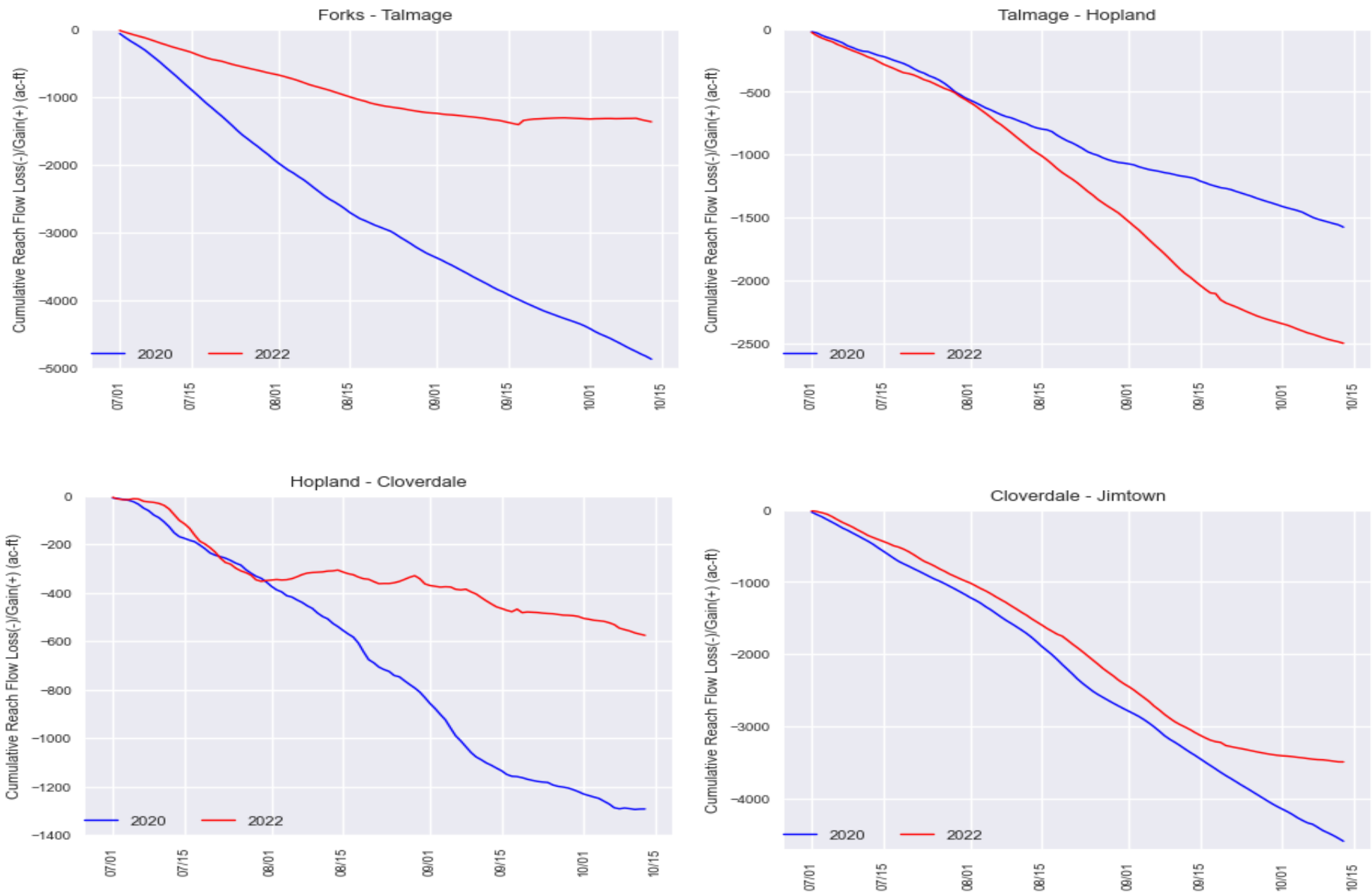


Gage	24-hr Average Flow (cfs)						
	Oct 7, 2022	Oct 8, 2022	Oct 9, 2022	Oct 10, 2022	Oct 11, 2022	Oct 12, 2022	Oct 13, 2022
The Forks*	61	61	61	60	55	55	55
Talmage USGS 11462080	62	62	61	62	51	53	54
Hopland USGS 11462500	55	55	54	56	50	47	47
Cloverdale USGS 11463000	49	48	52	52	52	45	45
Healdsburg USGS 11464000	43	43	42	43	42	43	41
Hacienda USGS 11467000	78	75	73	75	80	81	78

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

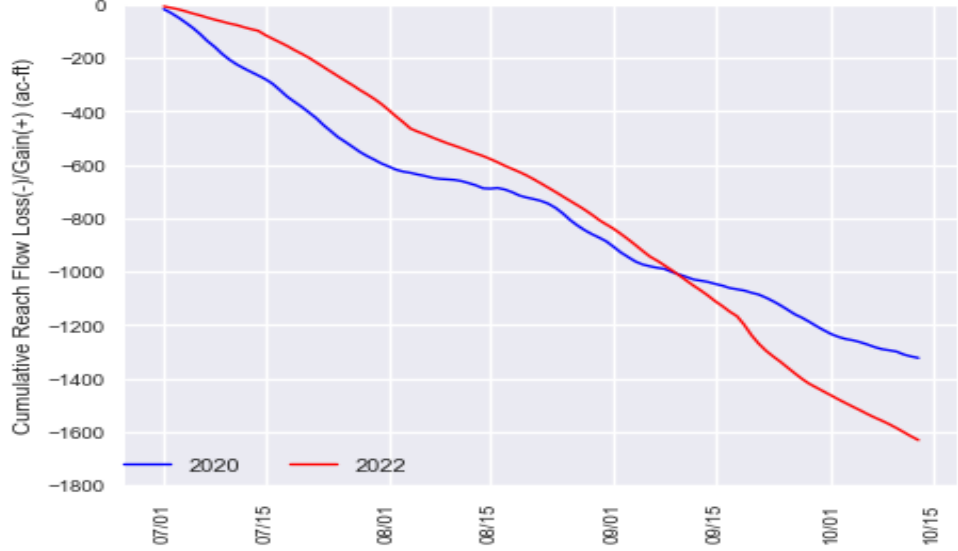


Upper Russian River Flow Gain/Loss (July 1, 2022 - October 13, 2022)

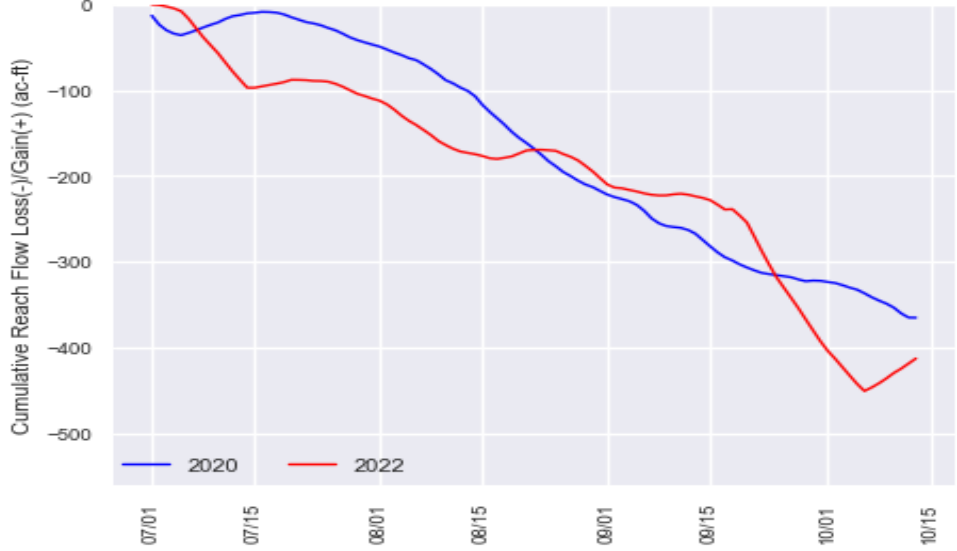


Upper Russian River Flow Gain/Loss (July 1, 2022 - October 13, 2022)

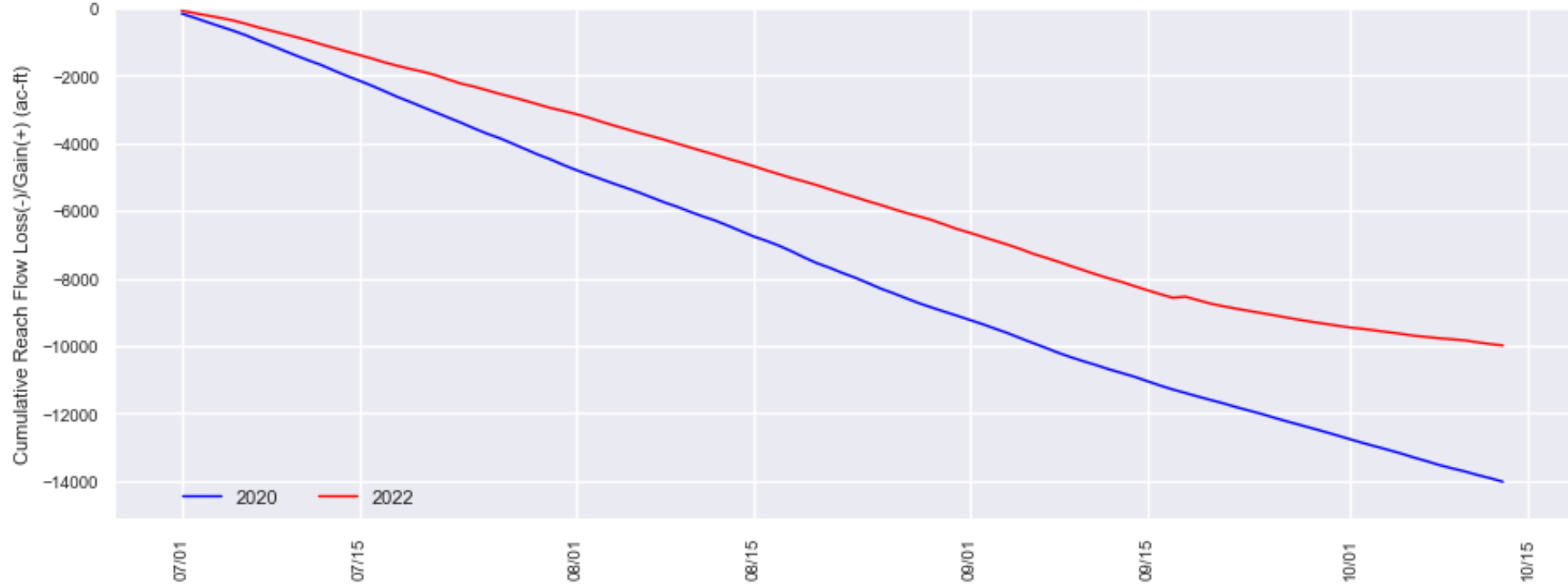
Jimtown - Digger Bend



Digger Bend - Healdsburg

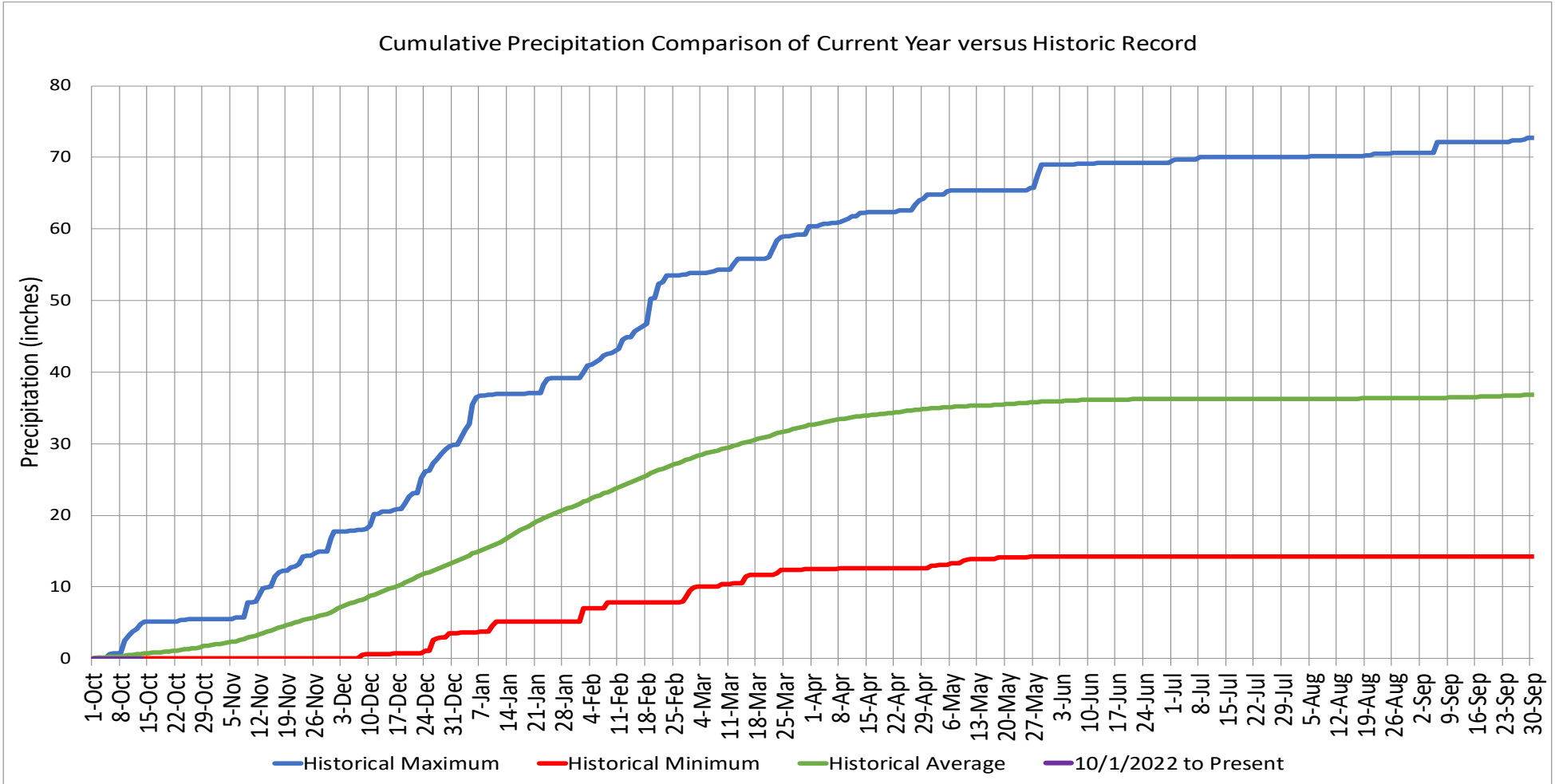


Forks to Healdsburg (Total Upper Russian River)

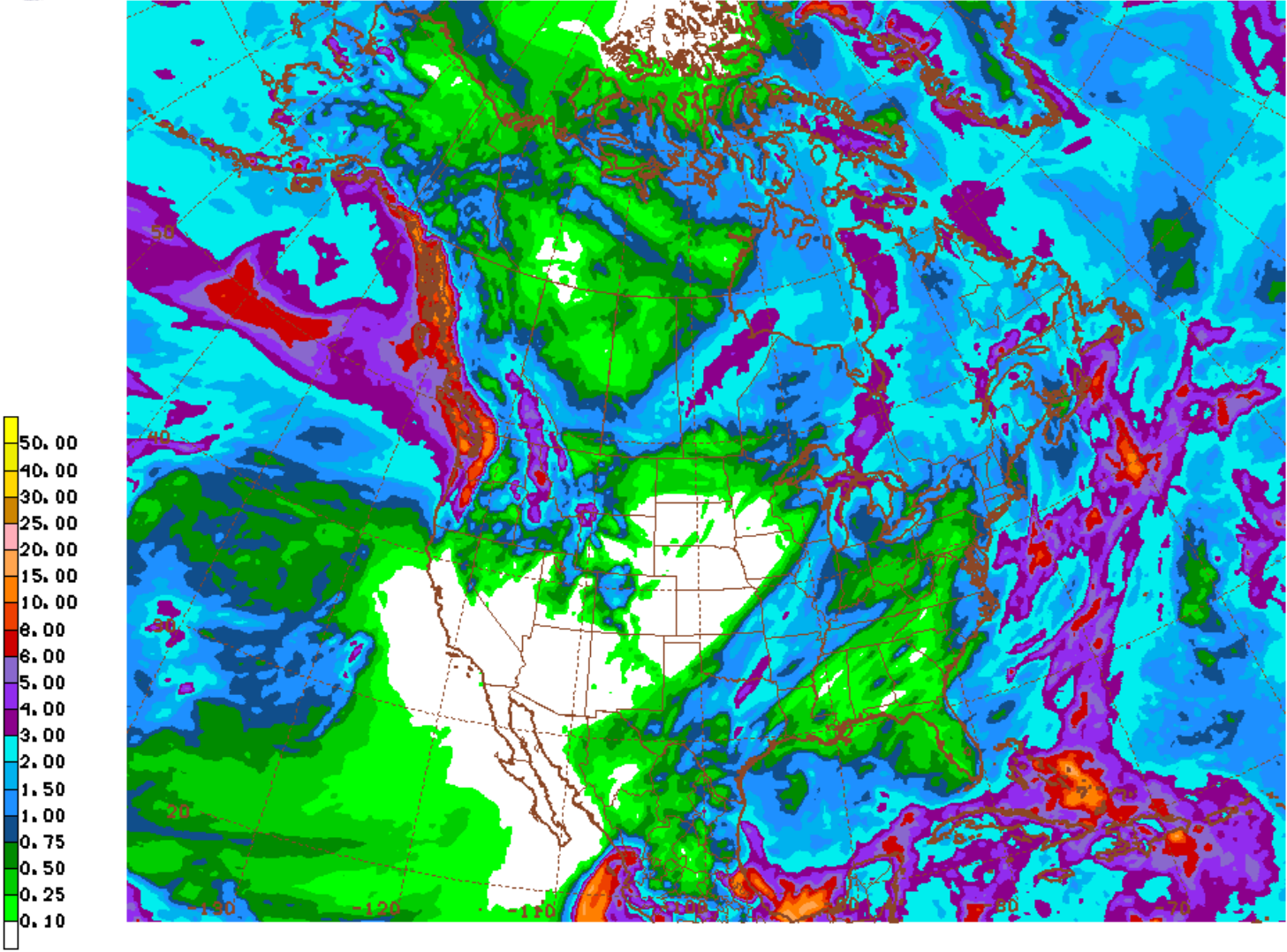


Precipitation

Ukiah Municipal Airport (WBAN: 72590523275 (KUKI))	
Date Range	Cumulative (inches)
Oct 1, 2022 - Oct 13, 2022	0
Last 7 Days*	0.00



6FS 10/17/22 12UTC 384HR FCST VALID WED 11/02/22 12UTC NOAA/NWS/NCEP



6FS WED 221102/1200V384 384HR ACCUMULATED PRECIP (IN)

Date Range	Forecasted Cumulative (inches)
Oct 17 - Nov 2, 2022	0.00

Russian River Fisheries Monitoring

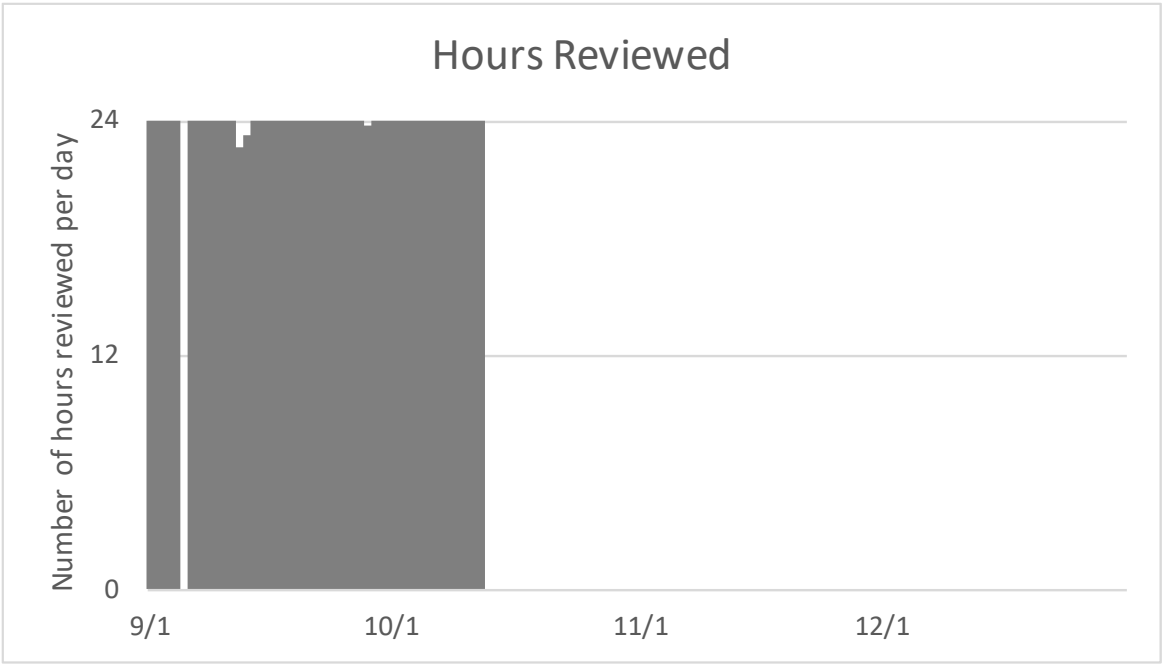


Figure 1. The number of hours of video collected at the Mirabel dam on the Russian River that has been reviewed in 2022.

Species	Number of fish
Chinook Salmon	33
Coho Salmon	0
Steelhead	0

Table 1. The number of adult salmonids that have been observed on the Mirabel dam video camera in 2022.