



**State Water Resources Control Board
 Temporary Urgency Change Order (6/17/2022)
 Russian River Hydrologic Report
 September 23, 2022 - September 29, 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).

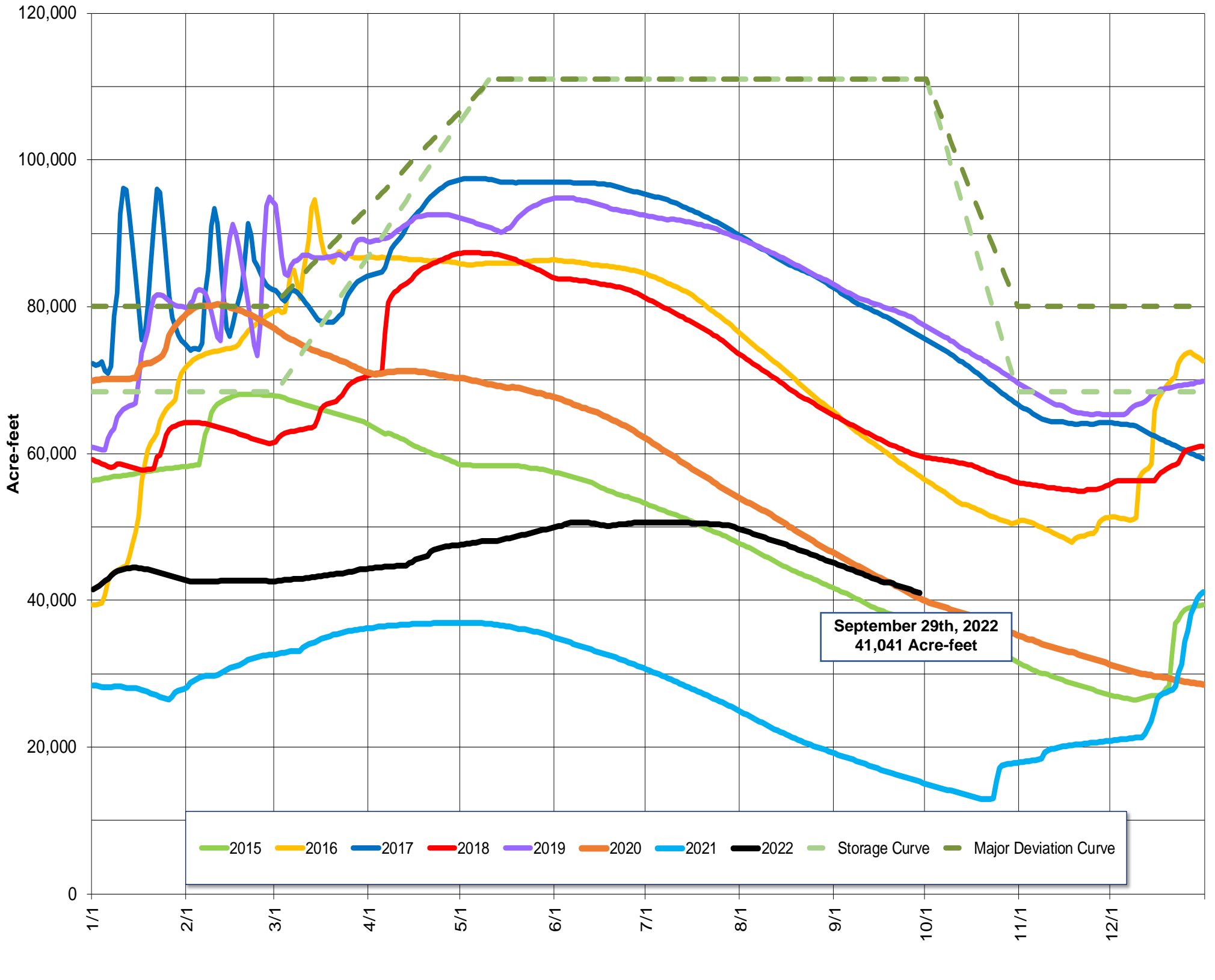
Instream Flow Requirements as of September 29, 2022

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



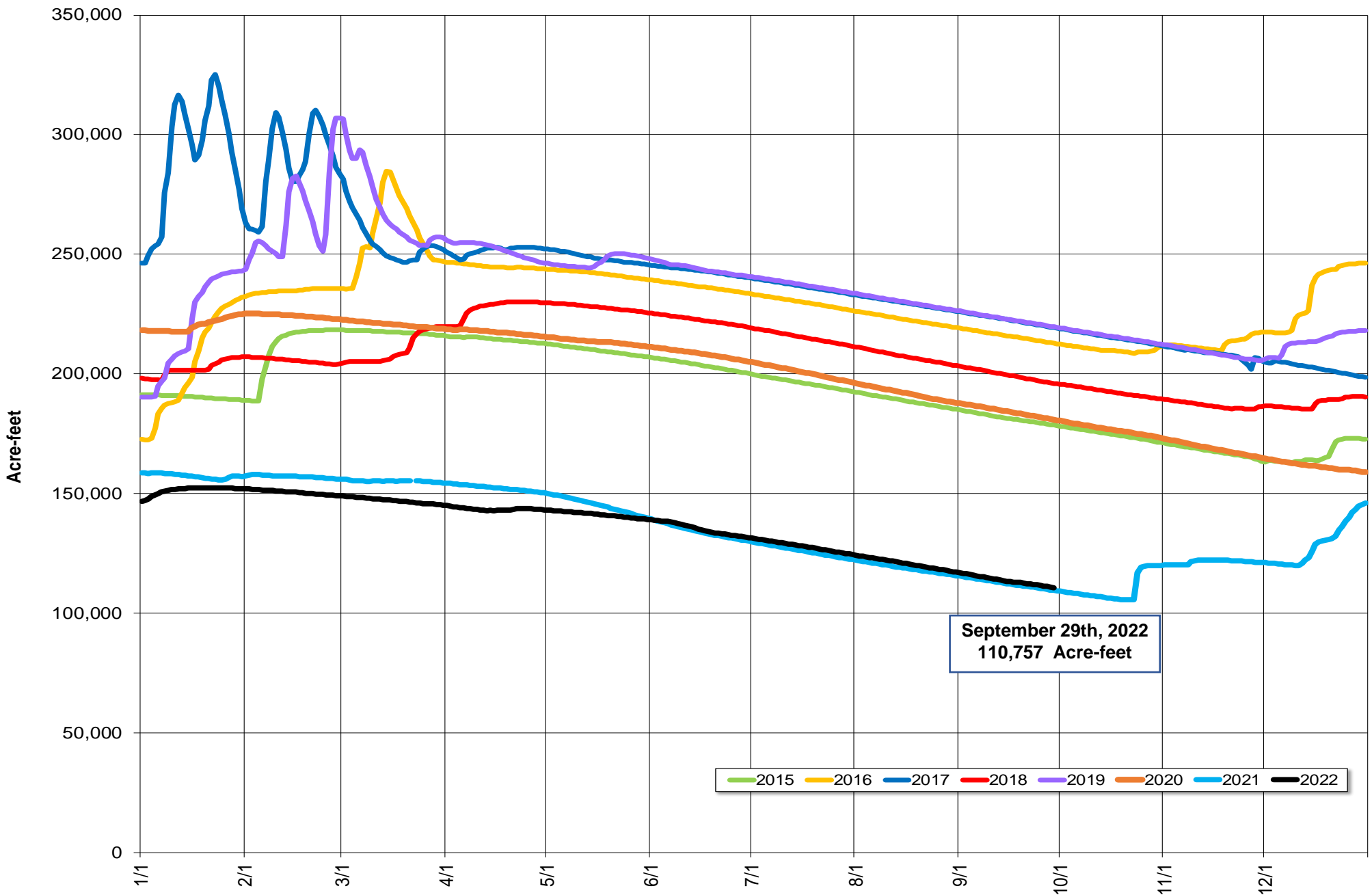
Storage (acre-feet)	September 29, 2022	41,041	
		Total	Average Daily Rate
Change in Storage (acre-feet)	Last 30 days	-4,286	-143
	Last 7 days	-794	-113
Daily Inflow (cfs)	Last 7 days	Min	8
		Max	24
		Mean	15
Release (cfs)	Last 7 days	Min	66
		Max	77
		Mean	73

Lake Sonoma



Nathan Baskett, March 3, 2011

Lake Sonoma Storage 2015-2022



Storage (acre-feet)	September 29, 2022	110,757	
		Total	Average Daily Rate
Change in Storage (acre-feet)	Last 30 days	-7,096	-237
	Last 7 days	-1,257	-180
Daily Inflow (cfs)	Last 7 days	Min	0
		Max	6
		Mean	1
Release (cfs)	Last 7 days	Min	94
		Max	95
		Mean	94

Potter Valley Project

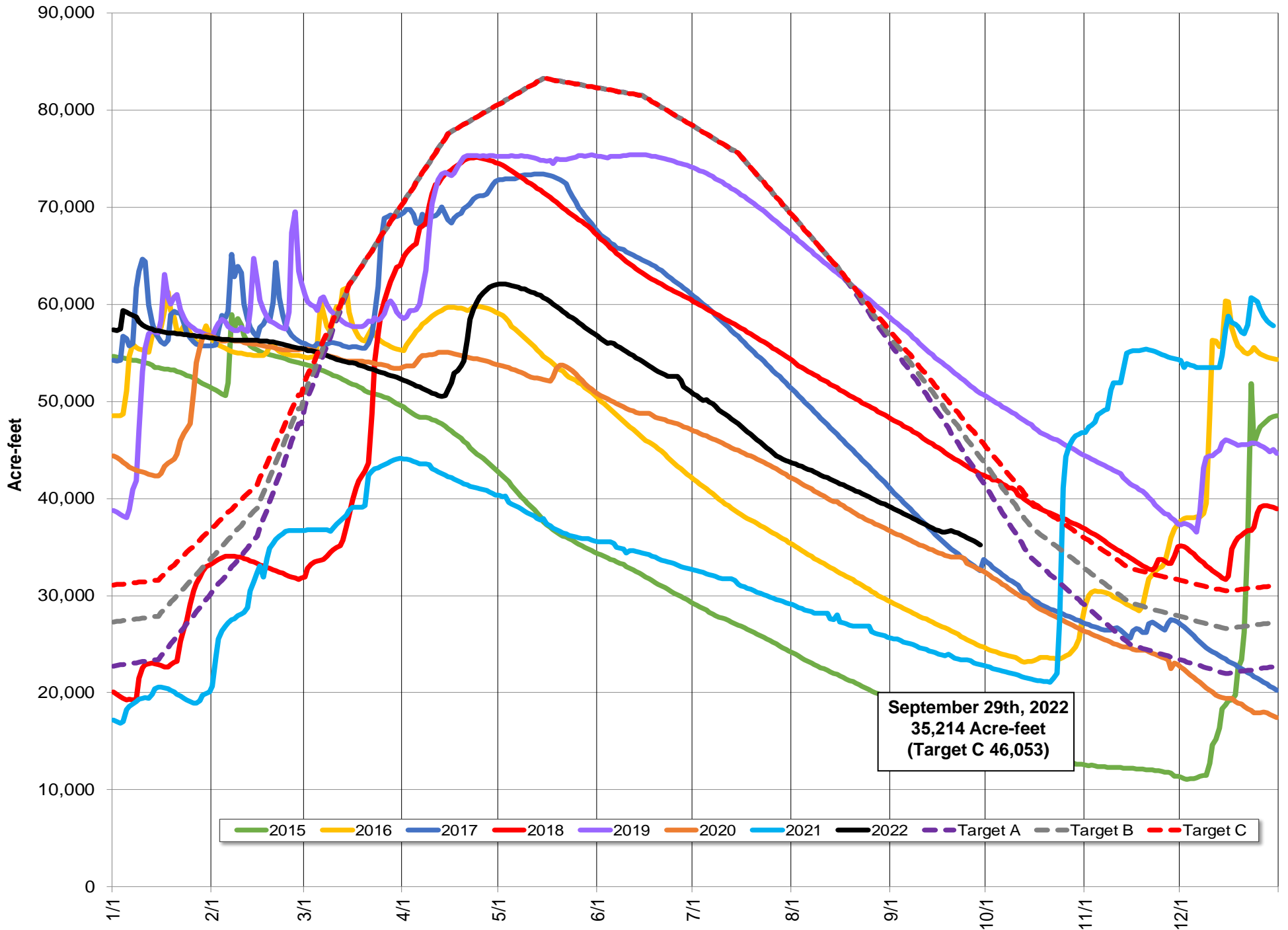
PVP Diversion (cfs)	September 29, 2022	15
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Lake Pillsbury

Parameter	Date Range	Cumulative	Daily Average
Inflow* (acre-feet)	October 1, 2021 - September 29, 2022	228,255	629
	Last 7 days	259	37

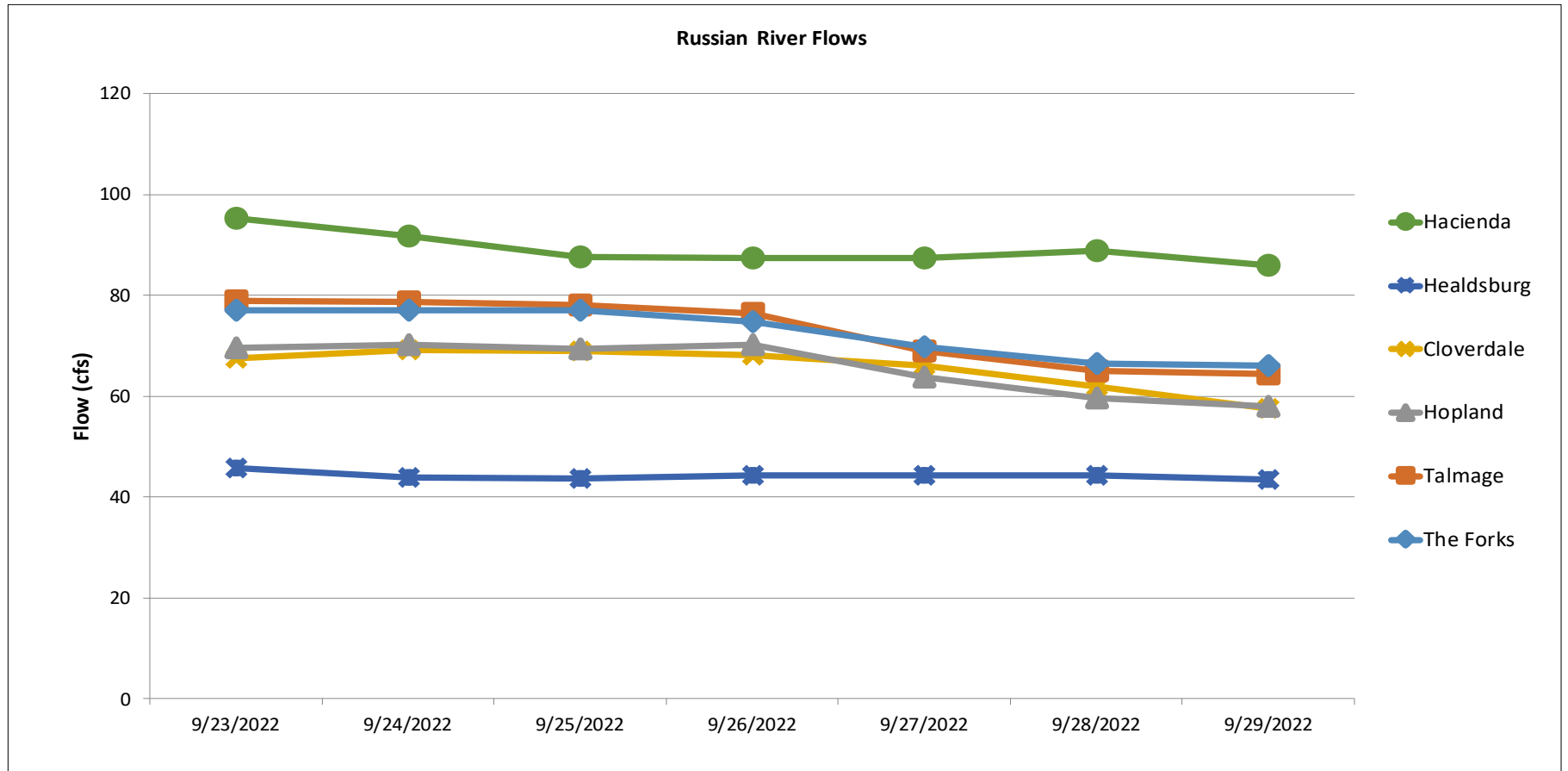
*Inflow calculation based on criteria established in D1610

Lake Pillsbury Storage 2015-2022 and Target Storage Scenarios

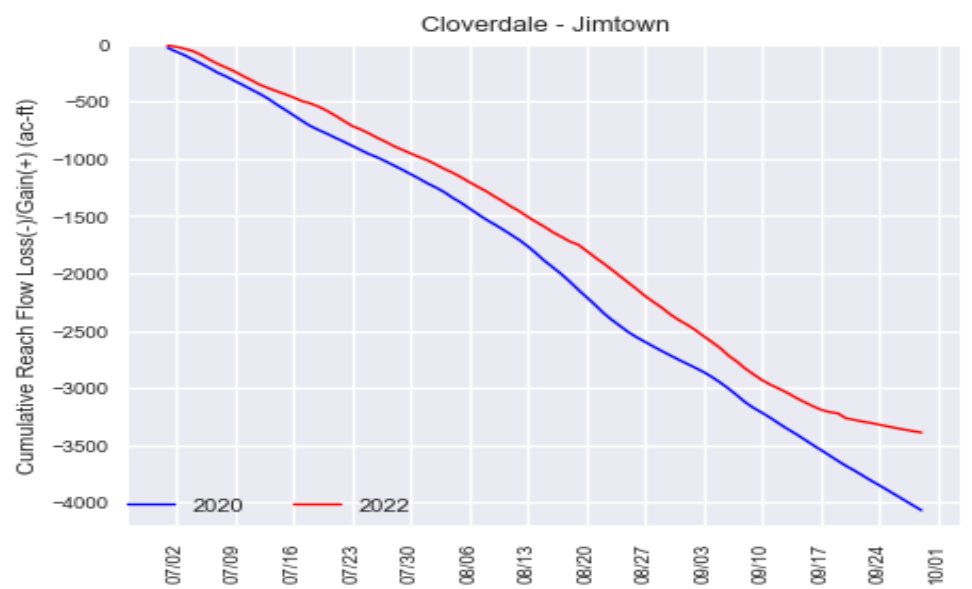
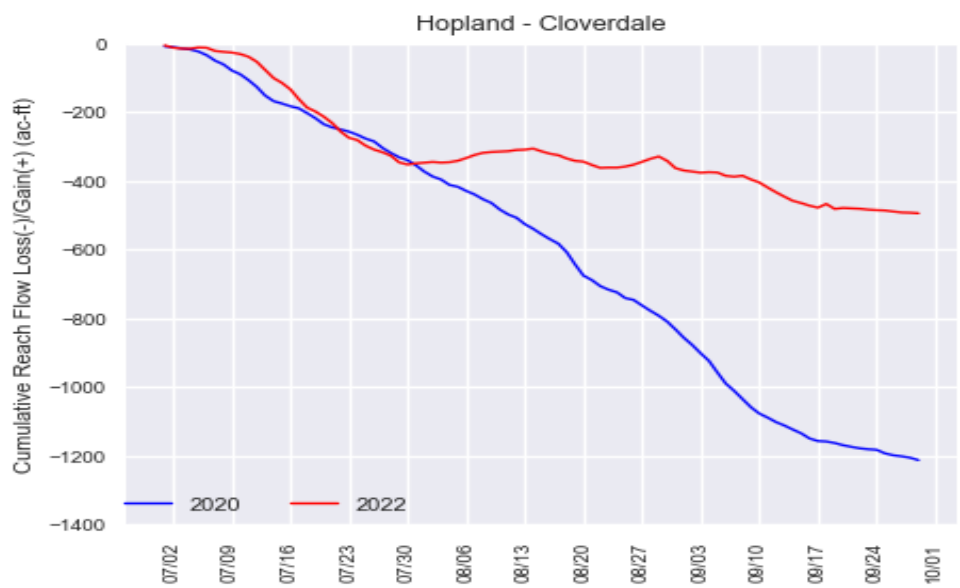
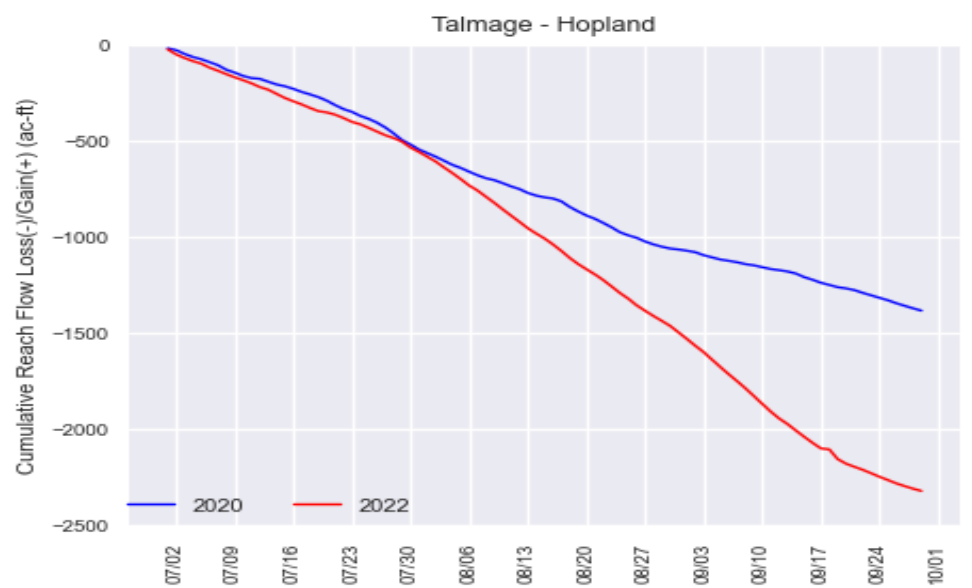
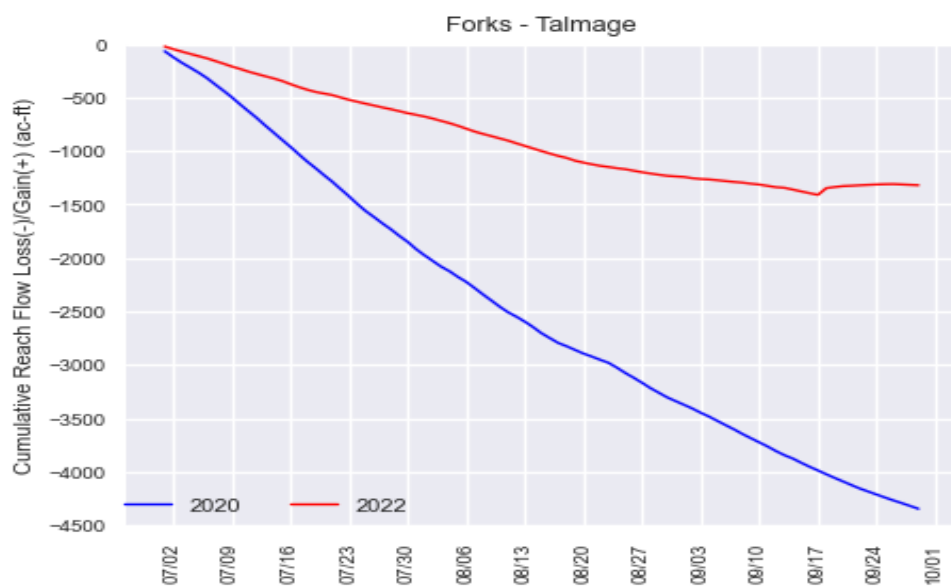


Gage	24-hr Average Flow (cfs)						
	Sep 23, 2022	Sep 24, 2022	Sep 25, 2022	Sep 26, 2022	Sep 27, 2022	Sep 28, 2022	Sep 29, 2022
The Forks*	77	77	77	75	70	66	66
Talmage USGS 11462080	79	79	78	76	69	65	64
Hopland USGS 11462500	70	70	69	70	64	60	58
Cloverdale USGS 11463000	67	69	69	68	66	62	58
Healdsburg USGS 11464000	46	44	44	44	44	44	44
Hacienda USGS 11467000	95	92	88	87	87	89	86

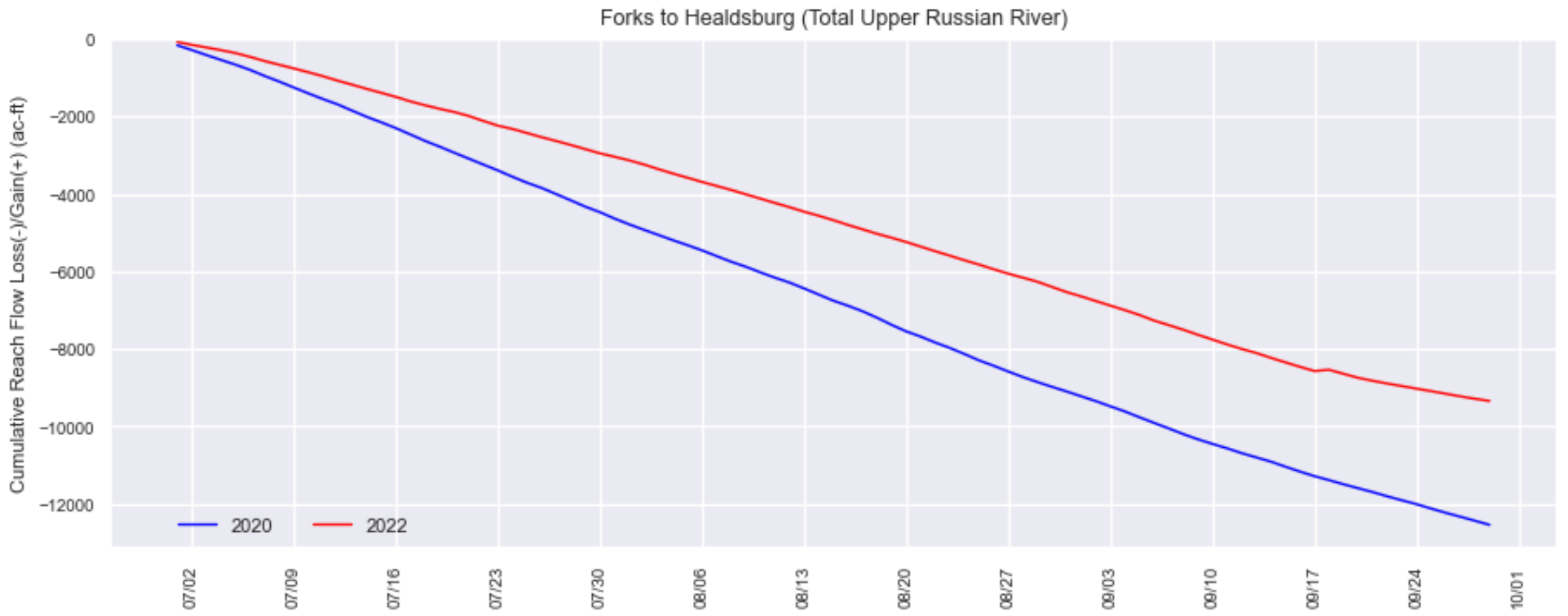
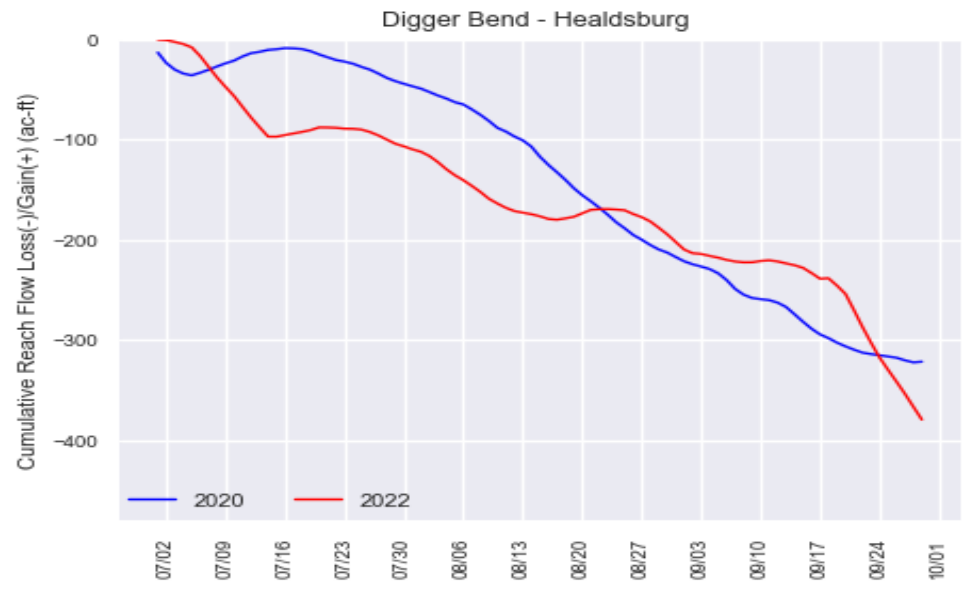
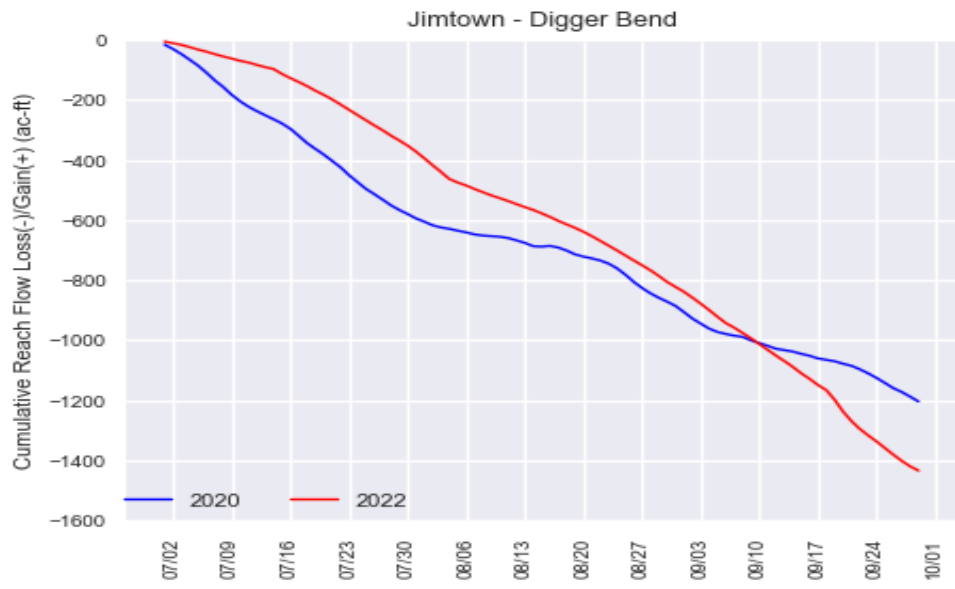
*West Fork(USGS 11461000) + East Fork (Coyote Valley Dam Release)



Upper Russian River Flow Gain/Loss (July 1, 2022 - September 29, 2022)



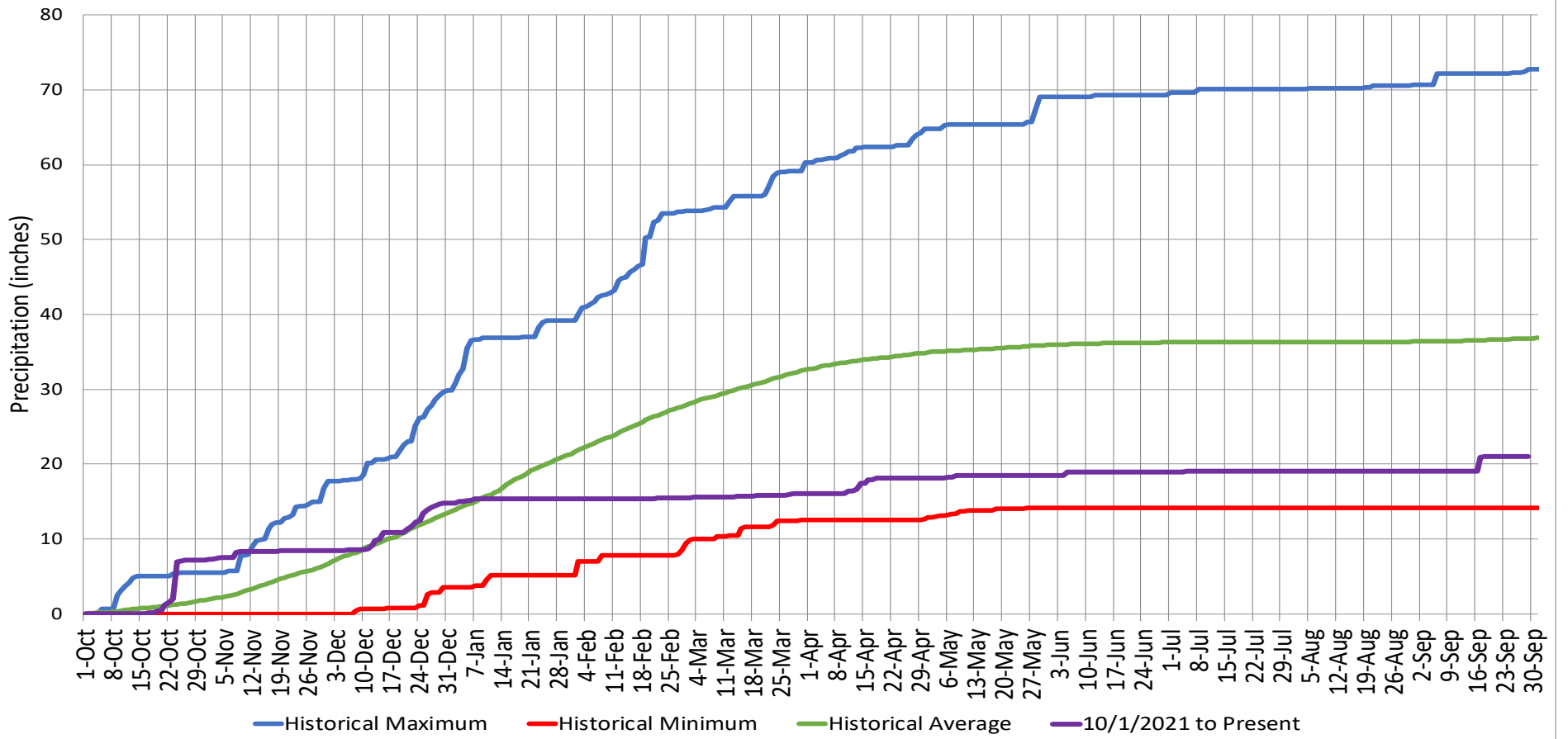
Upper Russian River Flow Gain/Loss (July 1, 2022 - September 29, 2022)



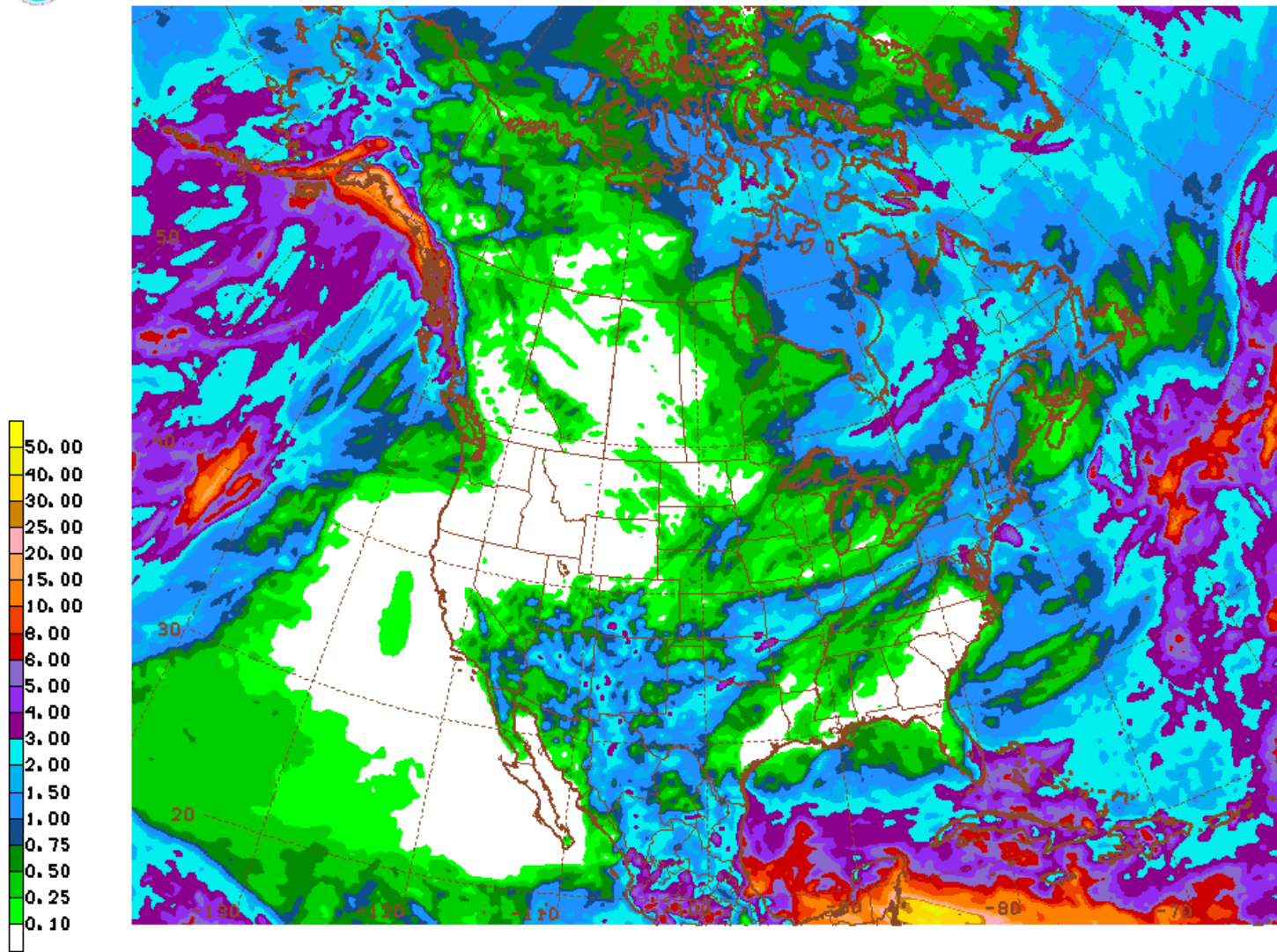
Precipitation

Ukiah Municipal Airport (WBAN: 72590523275 (KUKI))	
Date Range	Cumulative (inches)
Oct 1, 2021 - Sep 29, 2022	21.01
Last 7 Days*	0.00

Cumulative Precipitation Comparison of Current Year versus Historic Record



GFS 10/03/22 12UTC 384HR FCST VALID WED 10/19/22 12UTC NOAA/NWS/NCEP



GFS WED 221019/1200V384 384HR ACCUMULATED PRECIP (IN)

Date Range
 Sep 26 - Oct 12, 2022

Forecasted Cumulative (inches)
0.00

Russian River Fisheries Monitoring

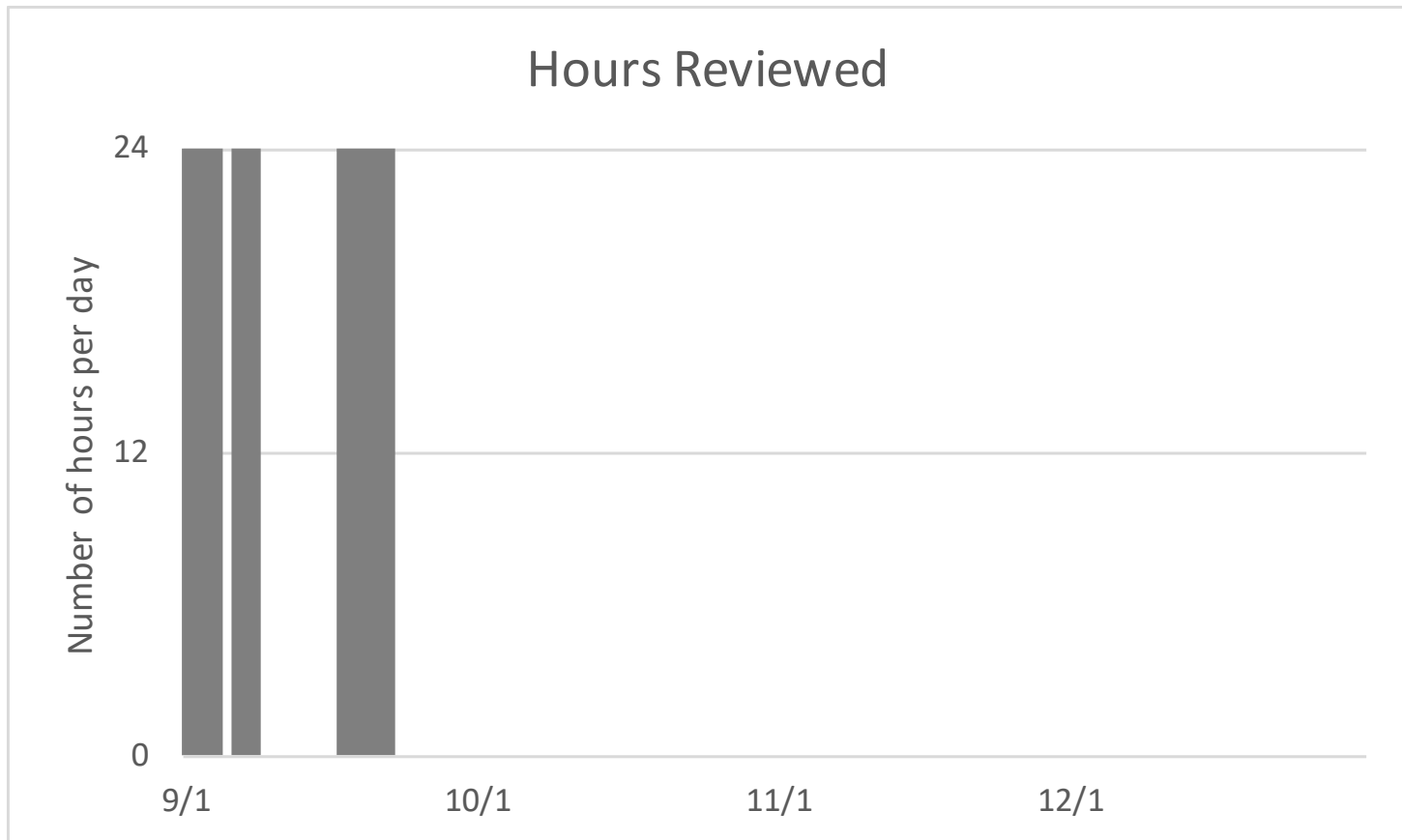


Figure 1. The number of hours of video collected at the Mirabel dam on the Russian River that has been reviewed in 2022.

Species	Number of fish
Chinook	0
Coho	0
Steelhead	0

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