



Sonoma Water

State Water Resources Control Board
 Temporary Urgency Change Order (6/14/2021)
 Russian River Hydrologic Report
 August 27, 2021 - September 2, 2021

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).

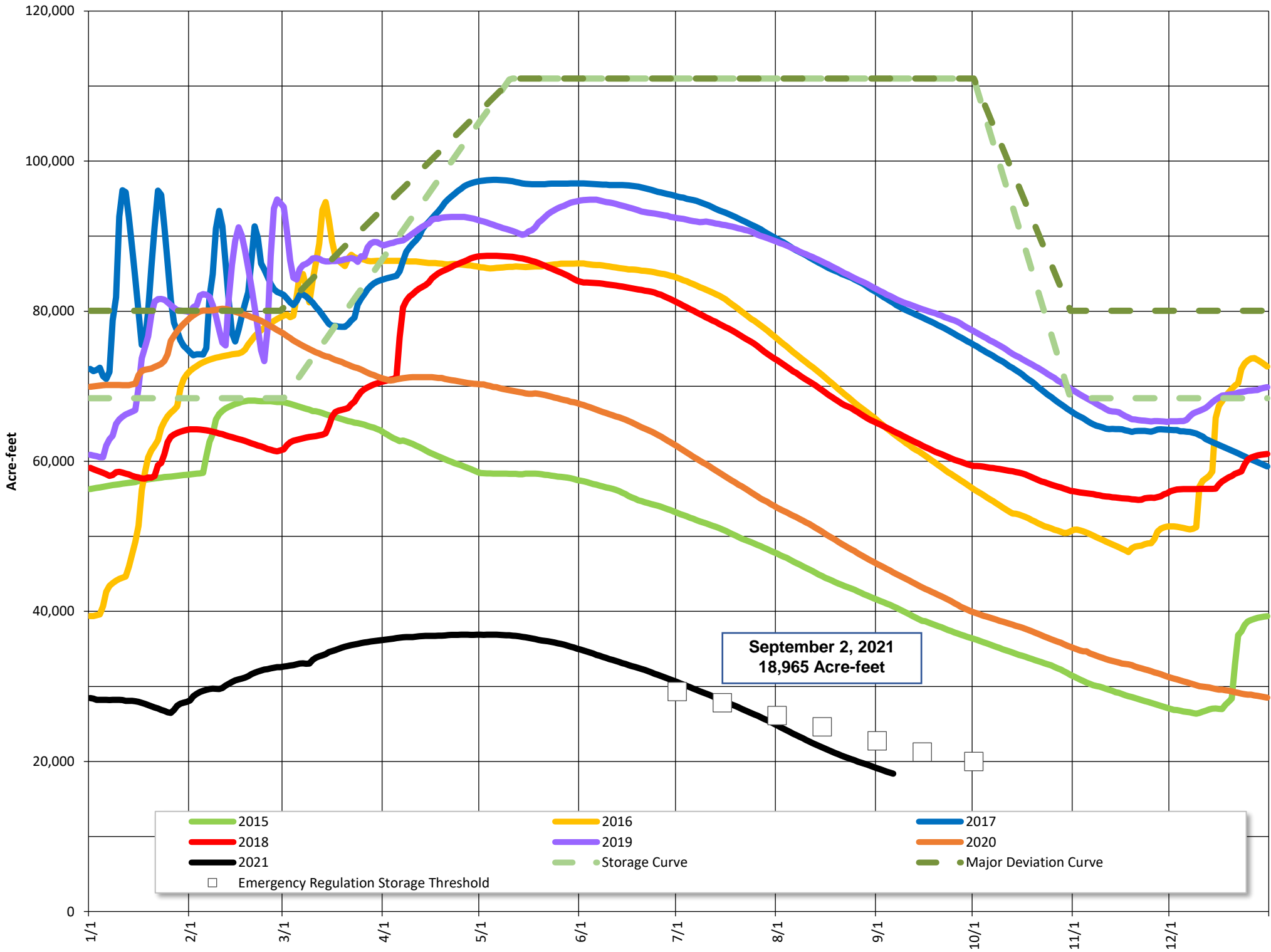
Instream Flow Requirements as of September 2, 2021

Basis	Reach	Instantaneous (cfs)	5-day Average (cfs)
Modified Per Order: Critical Condition	Upper Russian River	15	25
D-1610: Dry Condition	Dry Creek	25	-
Modified Per Order: Critical Condition	Lower Russian River	25	35

Upper Russian River and Lower Russian River based on criteria as established in the Order issued 6/14/2021.

Lake Mendocino

Lake Mendocino Storage 2015 - 2021 and Storage Curve



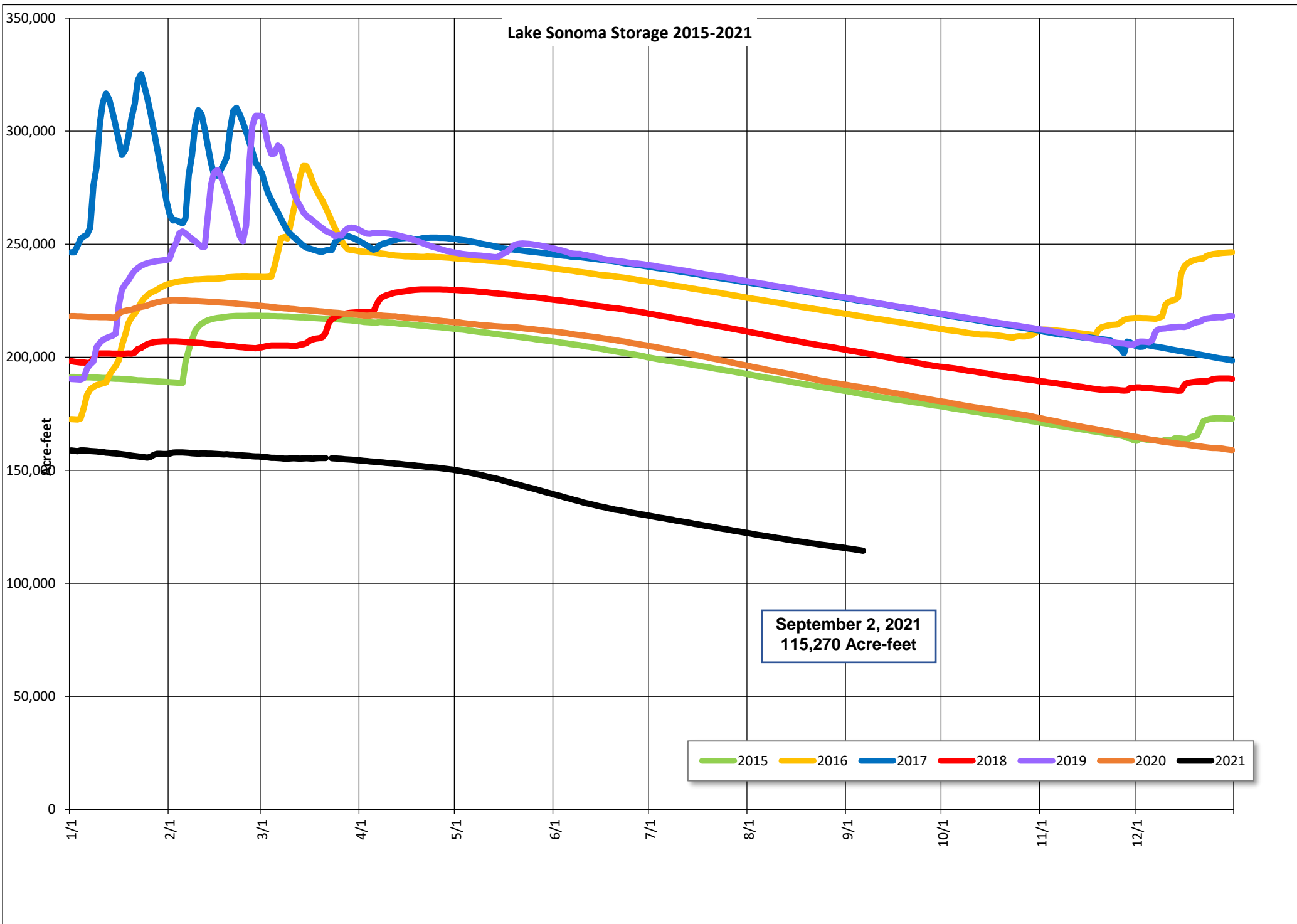
September 2, 2021
 18,965 Acre-feet

Storage (acre-feet)	September 2, 2021	18,965	
		Total	Average Daily Rate
Change in Storage (acre-feet)	Last 30 days	-5,407	-180
	Last 7 days	-757	-108
Daily Inflow (cfs)	Last 7 days	Min	3
		Max	21
		Mean	13
Release (cfs)	Last 7 days	Min	74
		Max	82
		Mean	80

Lake Sonoma



Nathan Baskett, March 3, 2011



Storage (acre-feet)	September 2, 2021	115,270	
		Total	Average Daily Rate
Change in Storage (acre-feet)	Last 30 days	-6,424	-214
	Last 7 days	-1,020	-146
Daily Inflow (cfs)	Last 7 days	Min	0
		Max	0
		Mean	0
Release (cfs)	Last 7 days	Min	83
		Max	87
		Mean	85

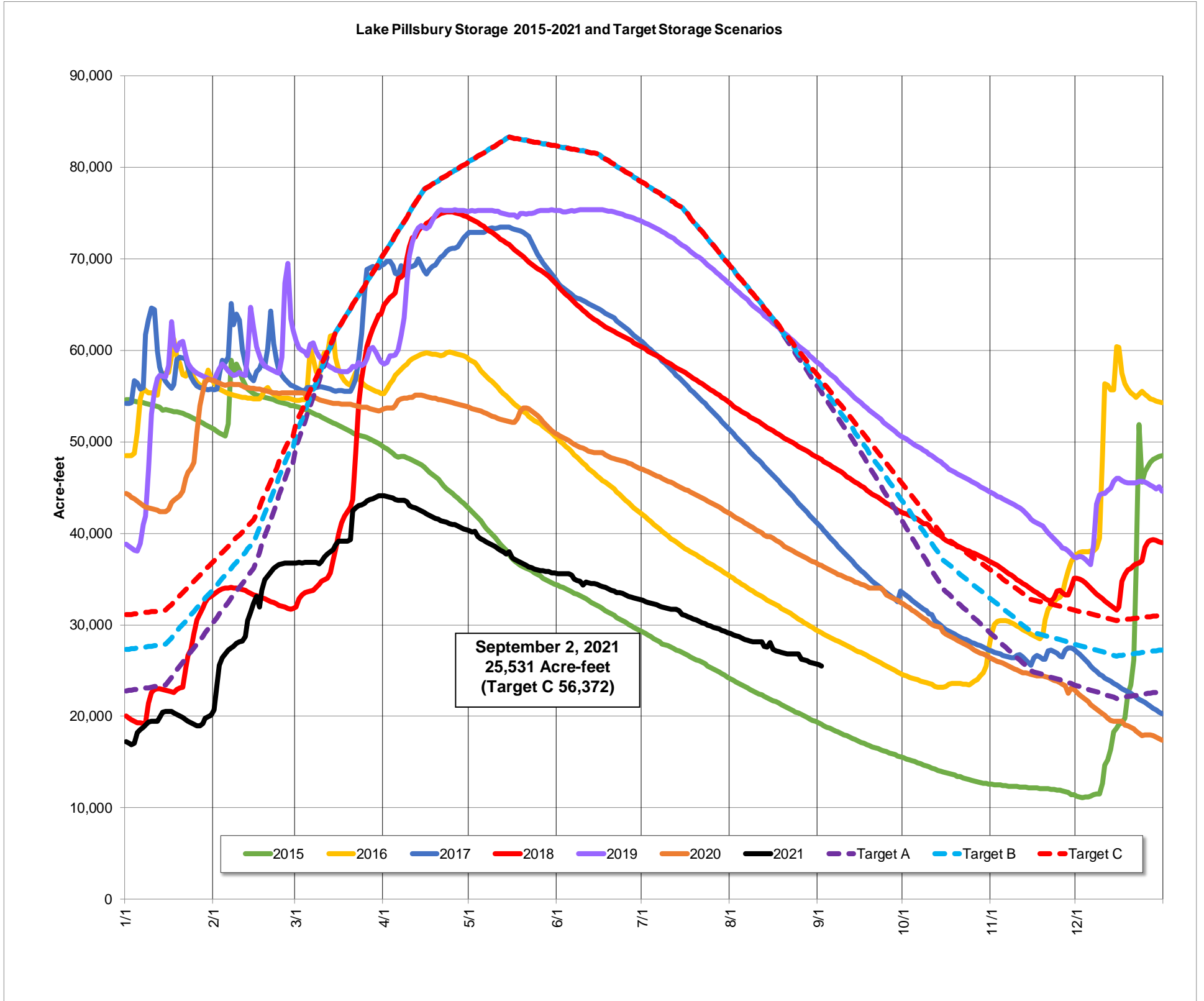
Potter Valley Project

PVP Diversion (cfs)	September 2, 2021	30
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Lake Pillsbury

Parameter	Date Range	Cumulative	Daily Average
Inflow* (acre-feet)	October 1, 2020 - September 3, 2021	83,489	248
	Last 7 days	0	0

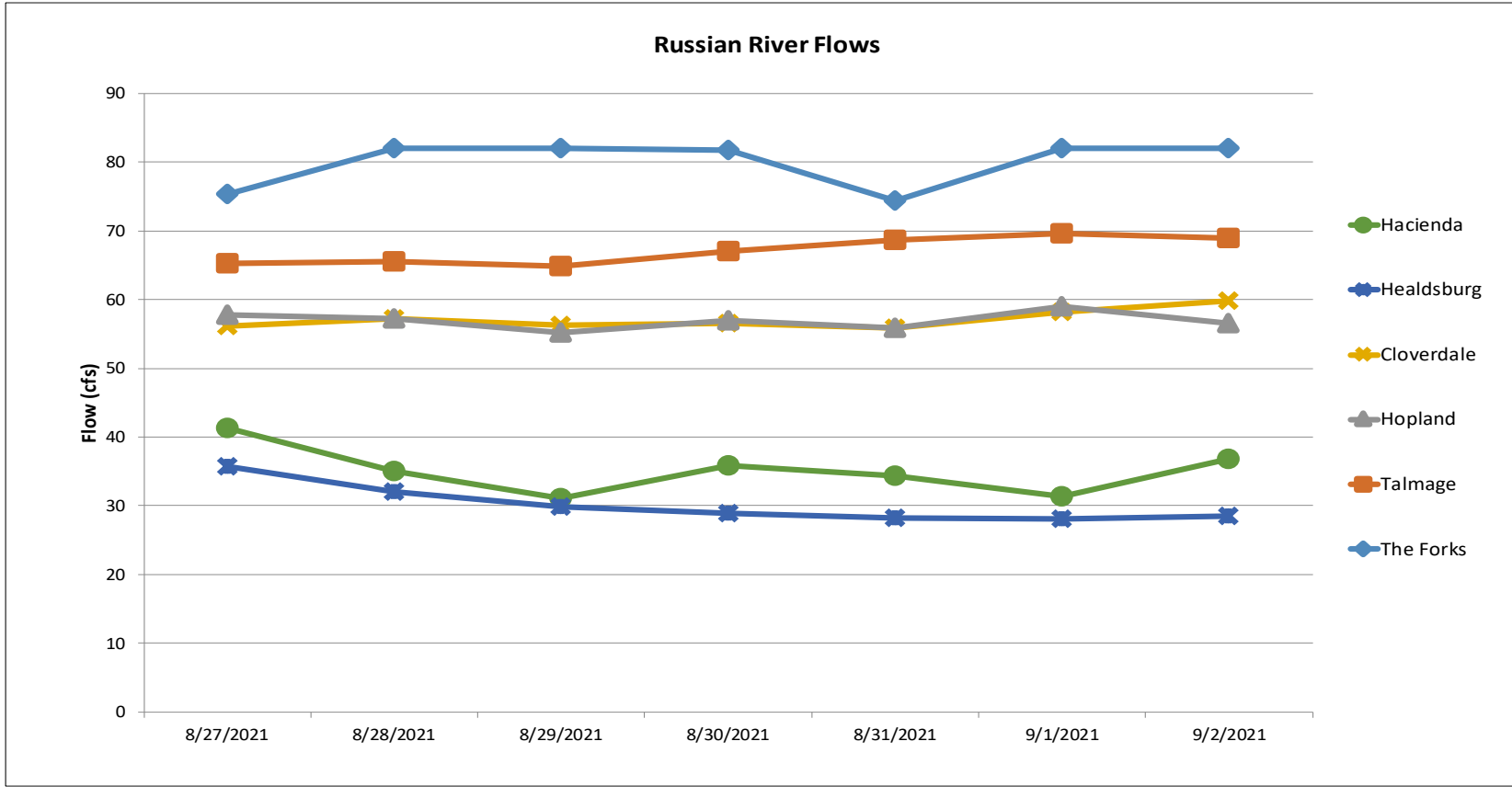
*Inflow calculation based on criteria established in D1610



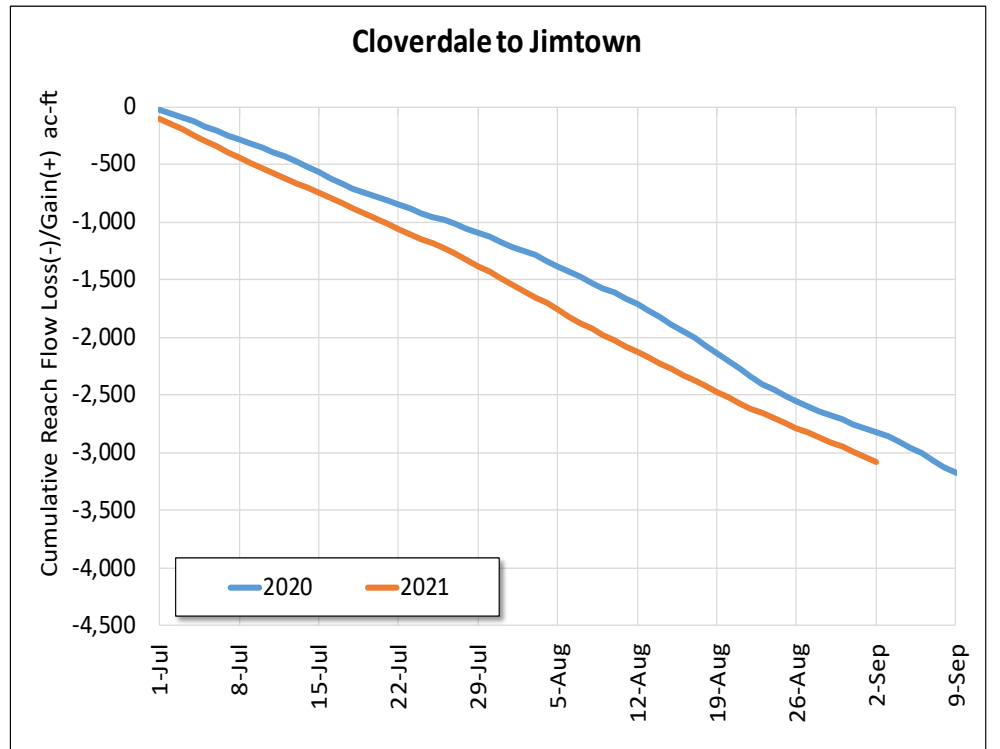
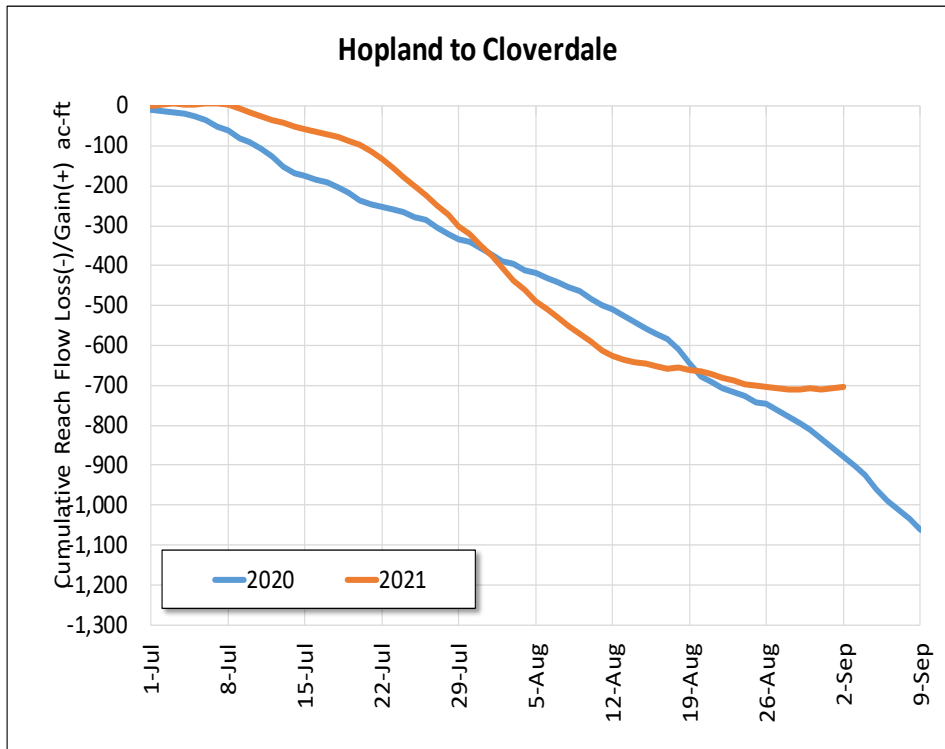
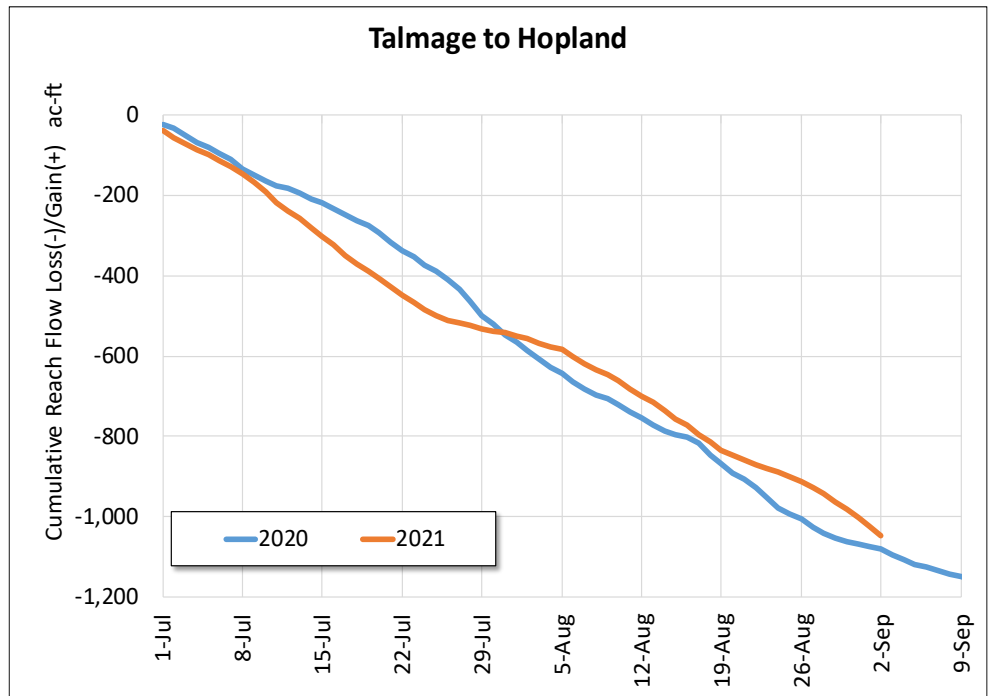
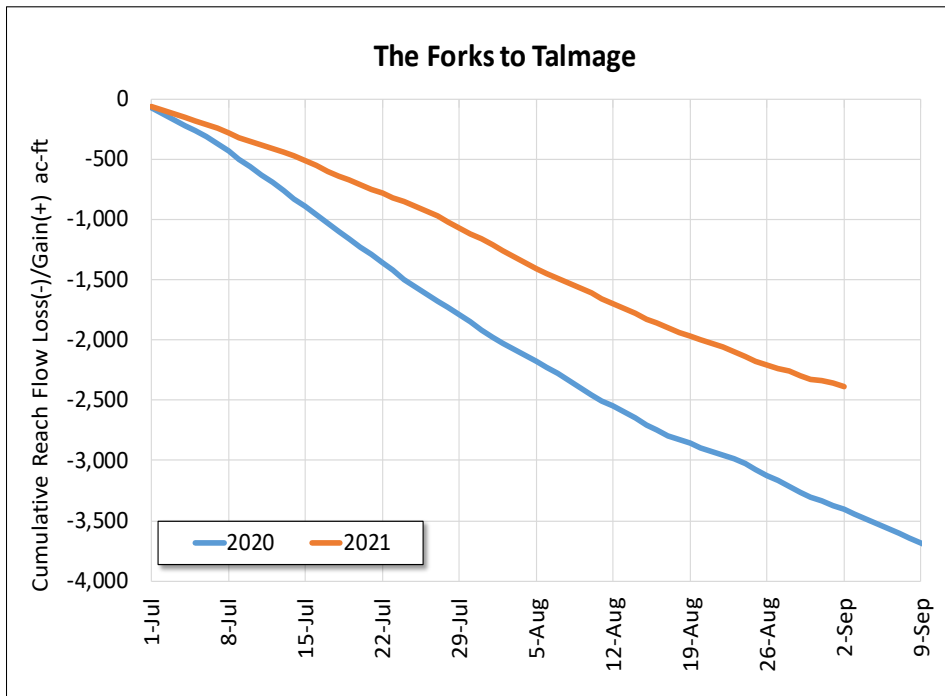
Russian River Flows (August 27 - September 2, 2021)

Gage	24-hr Average Flow (cfs)						
	Aug 27, 2021	Aug 28, 2021	Aug 29, 2021	Aug 30, 2021	Aug 31, 2021	Sep 1, 2021	Sep 2, 2021
The Forks*	82	82	82	82	82	82	82
Talmage USGS 11462080	65	66	65	67	69	70	69
Hopland USGS 11462500	58	57	55	57	56	59	57
Cloverdale USGS 11463000	56	57	56	57	56	58	60
Healdsburg USGS 11464000	36	32	30	29	28	28	29
Hacienda USGS 11467000	41	35	31	36	34	31	37

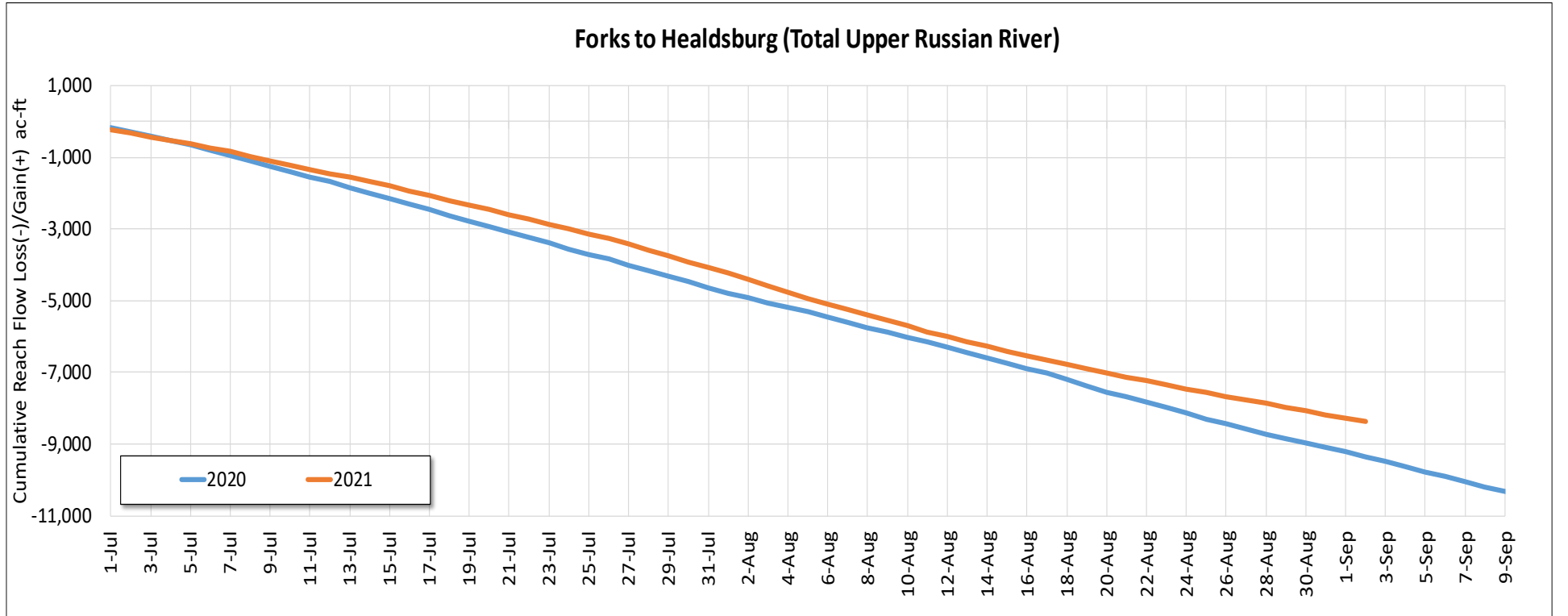
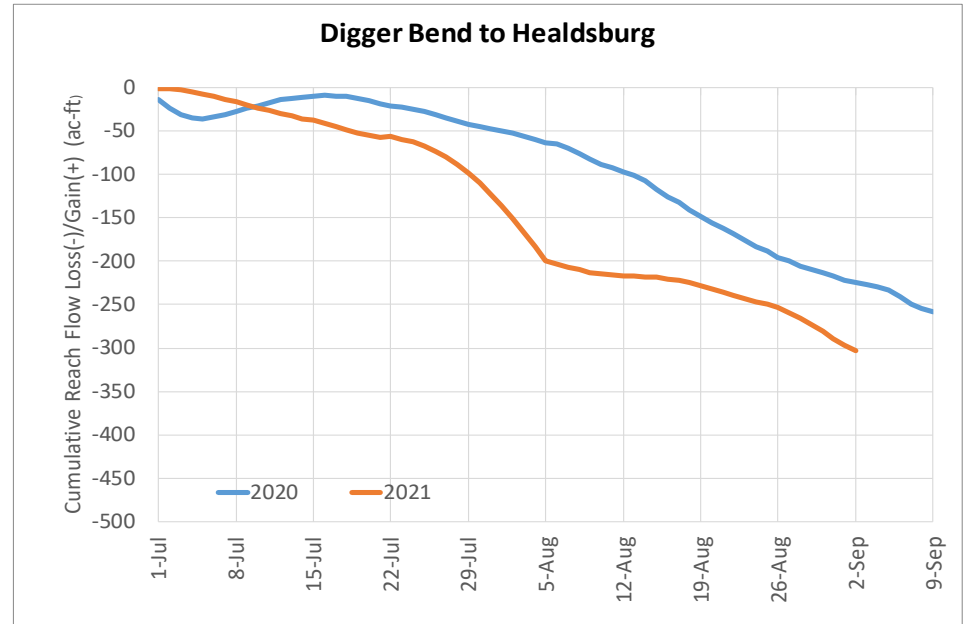
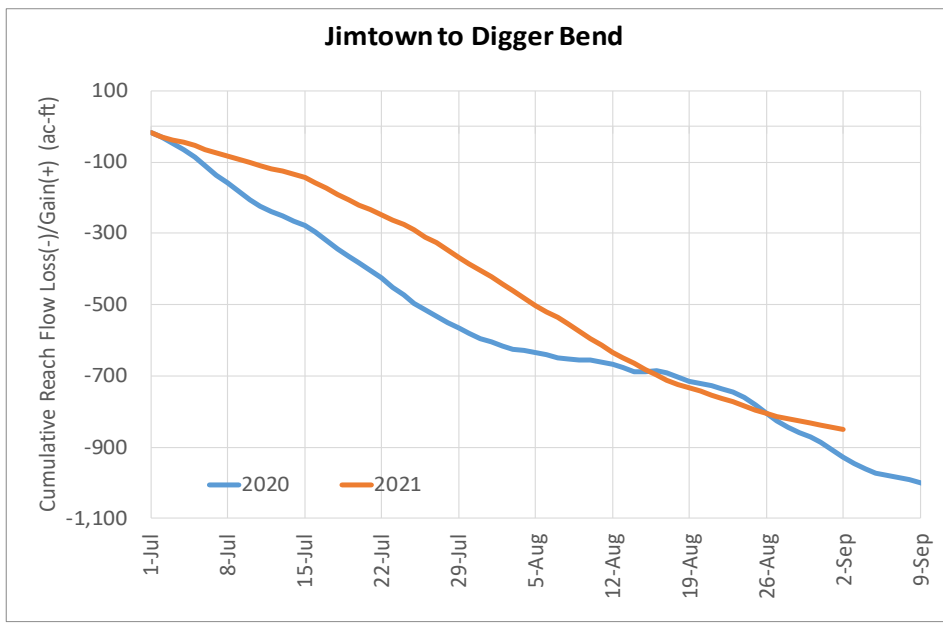
*West Fork (USGS 11461000) + East Fork (Coyote Valley Dam Release)



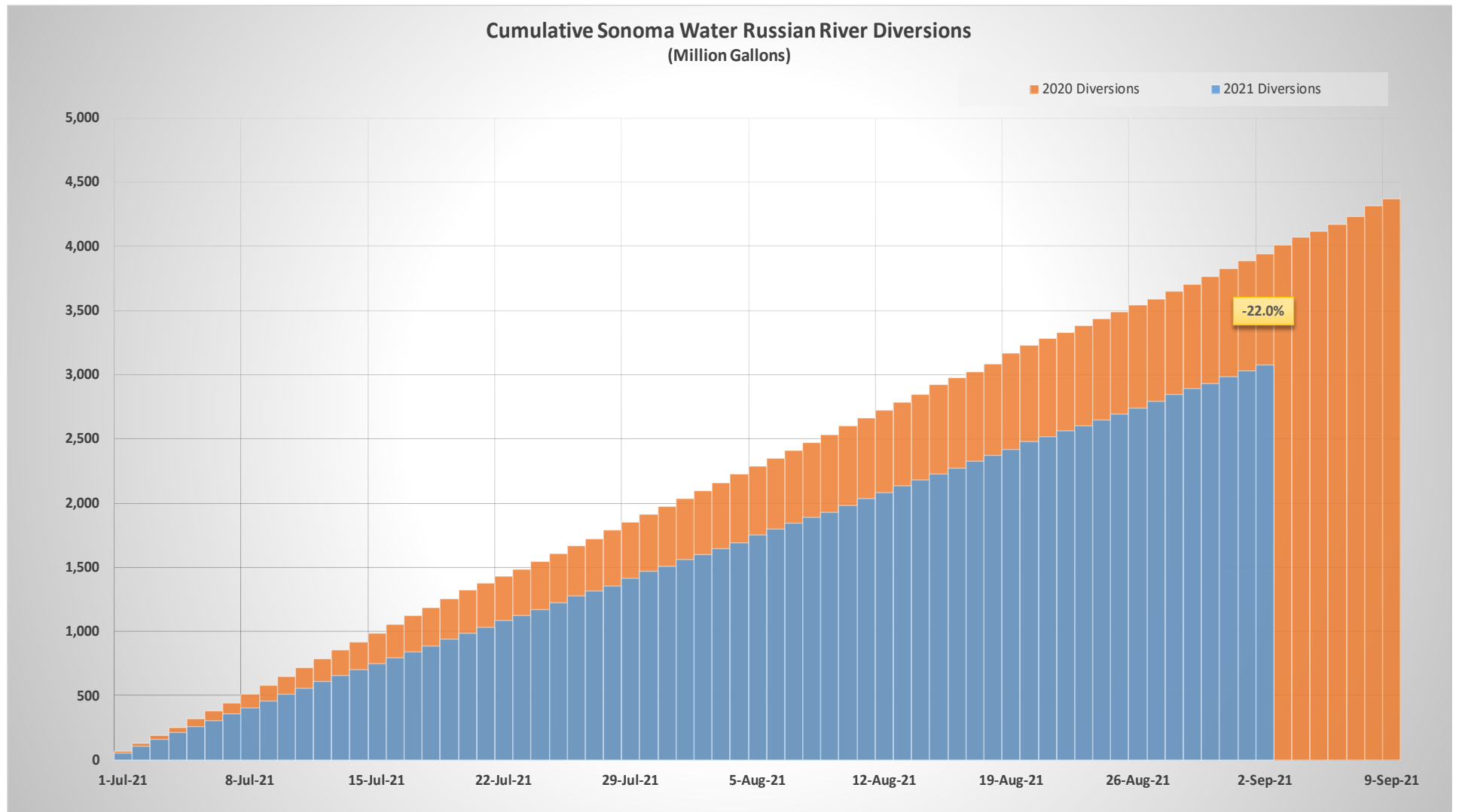
Upper Russian River Flow Gain/Loss (July 1 - September 2, 2021)



Upper Russian River Flow Gain/Loss (July 1 - September 2, 2021)

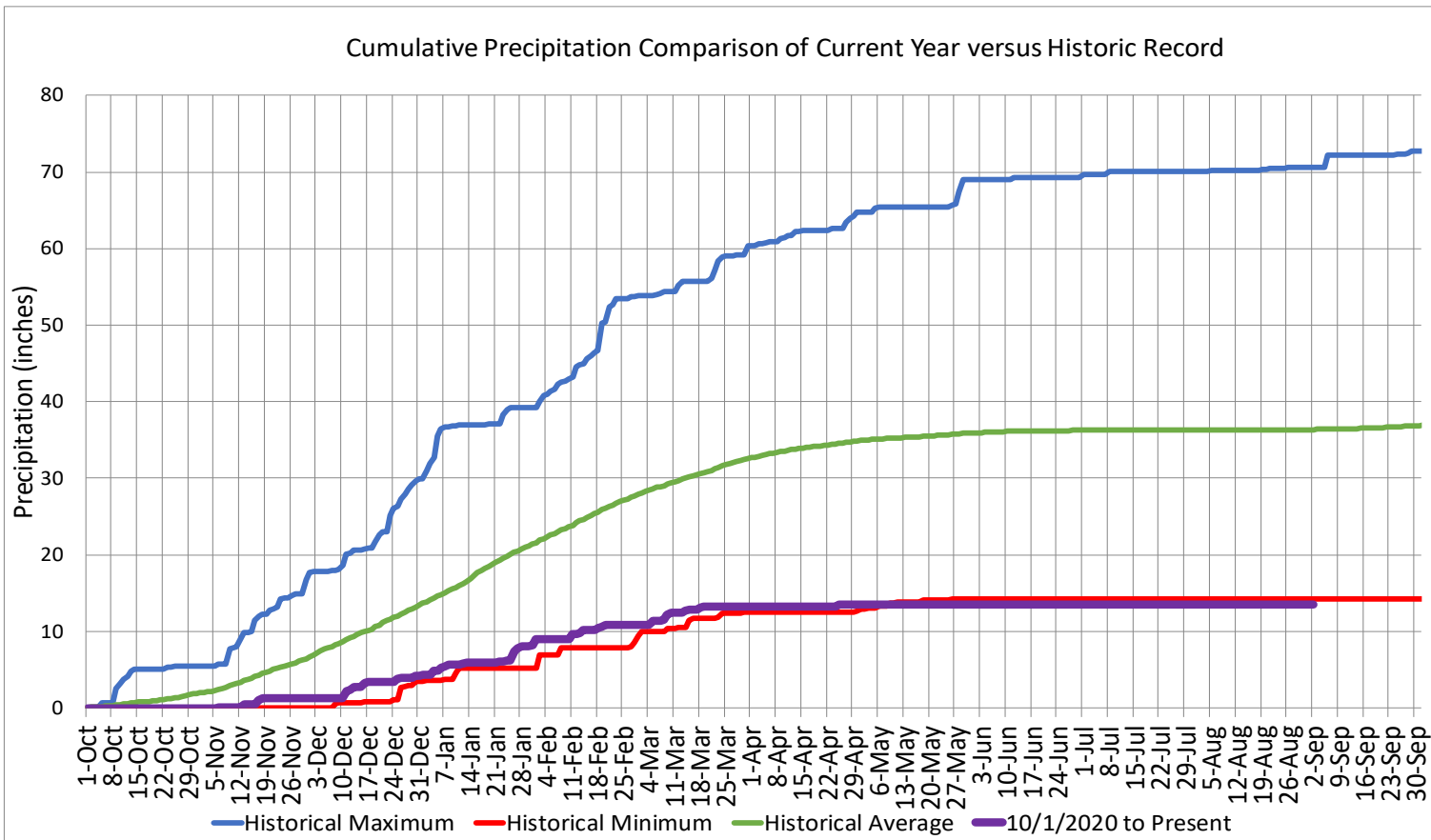


Sonoma Water River Diversions (July 1 - September 2, 2021)

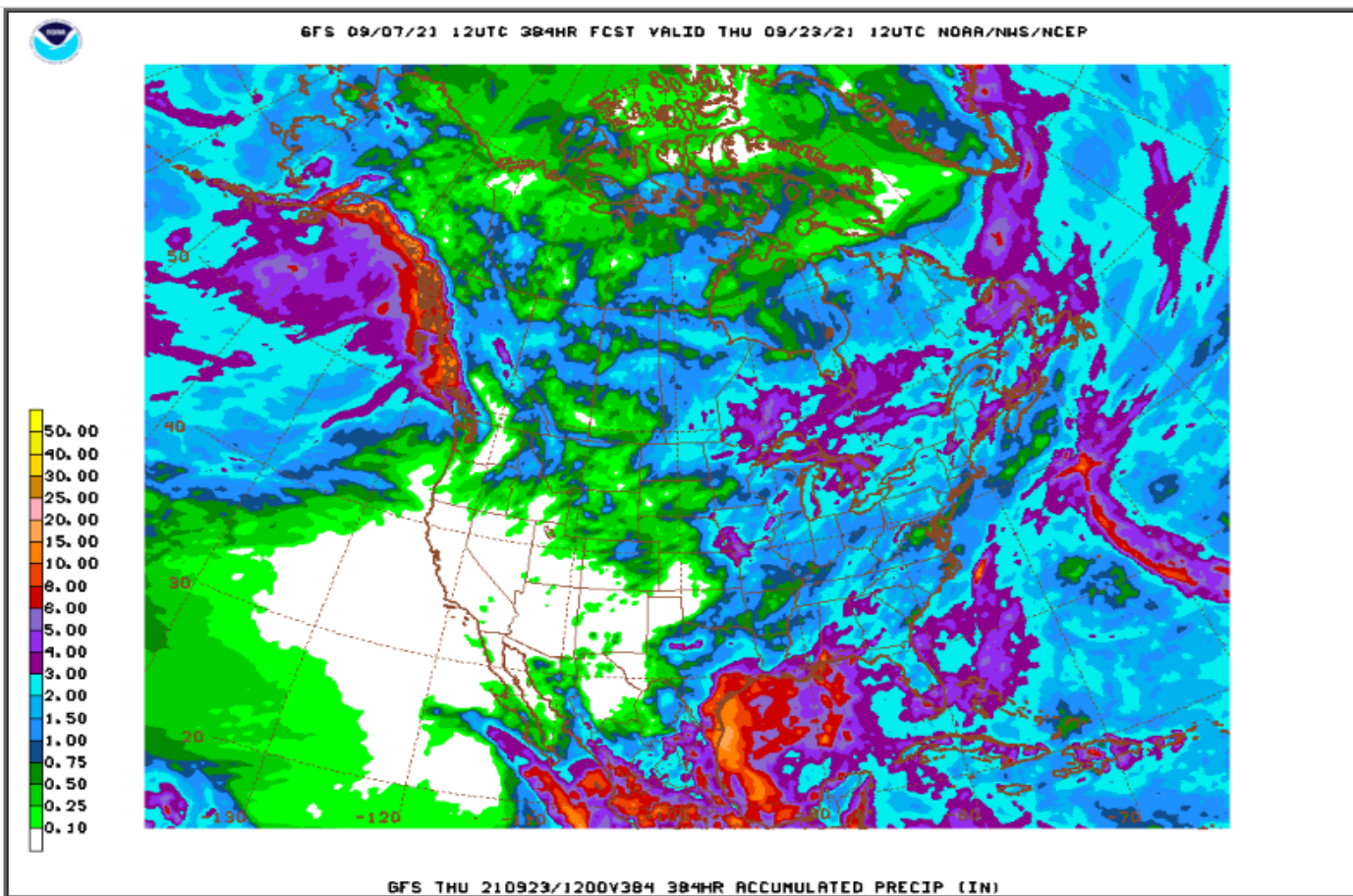


Precipitation

Ukiah Municipal Airport (WBAN: 72590523275 (KUKI))	
Date Range	Cumulative (inches)
Oct 1, 2020 - Sep 2, 2021	13.48
Last 7 Days*	0.00



Global Forecast System Model 16-day Cumulative Precipitation Forecast



Date Range	Forecasted Cumulative (inches)
Sep 5 - Sep 21, 2021	0.0