



Sonoma Water

State Water Resources Control Board
 Temporary Urgency Change Order (6/14/2021)
 Russian River Hydrologic Report
 August 6, 2021 - August 12, 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).

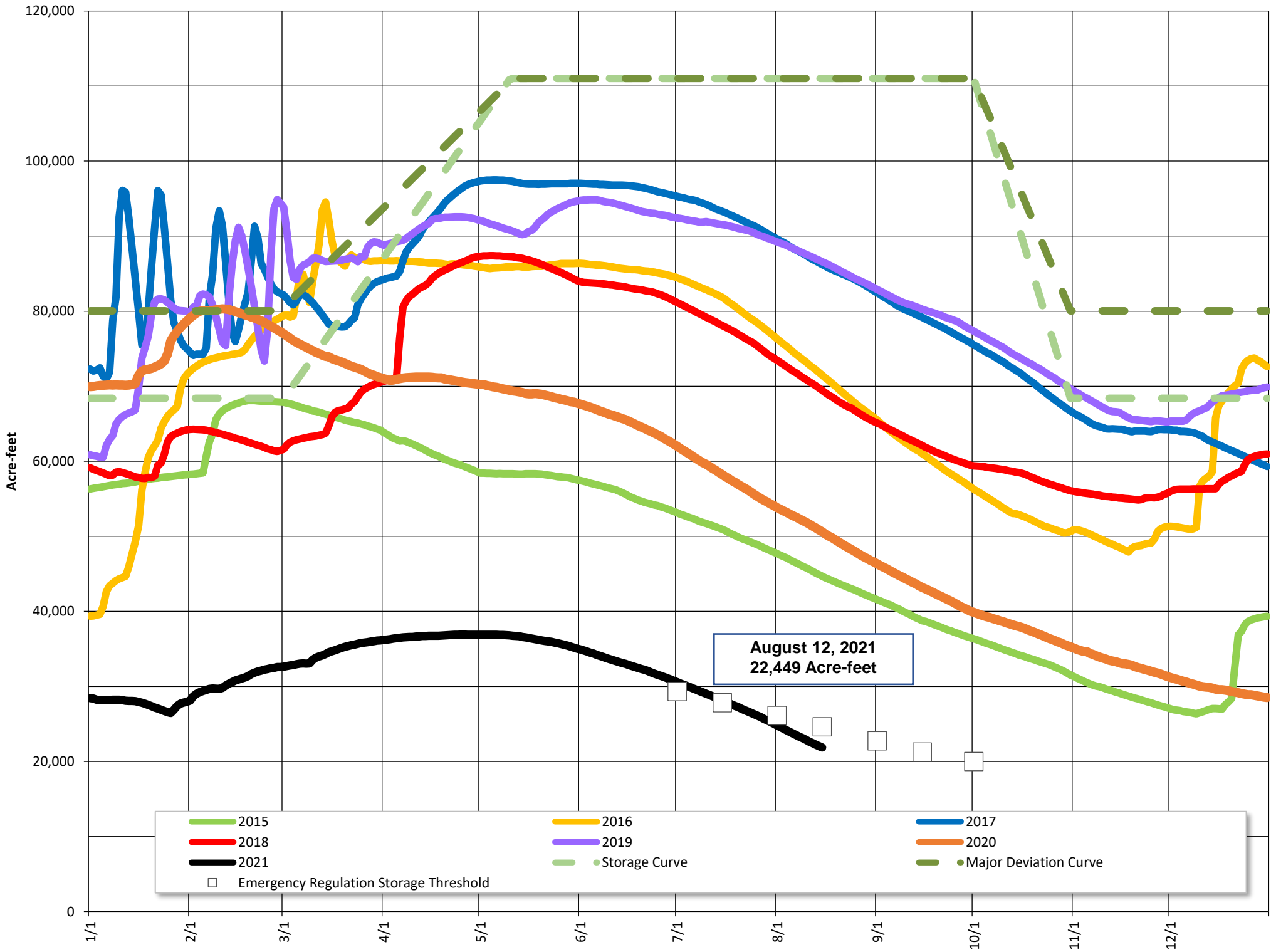
Instream Flow Requirements as of August 12, 2021

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



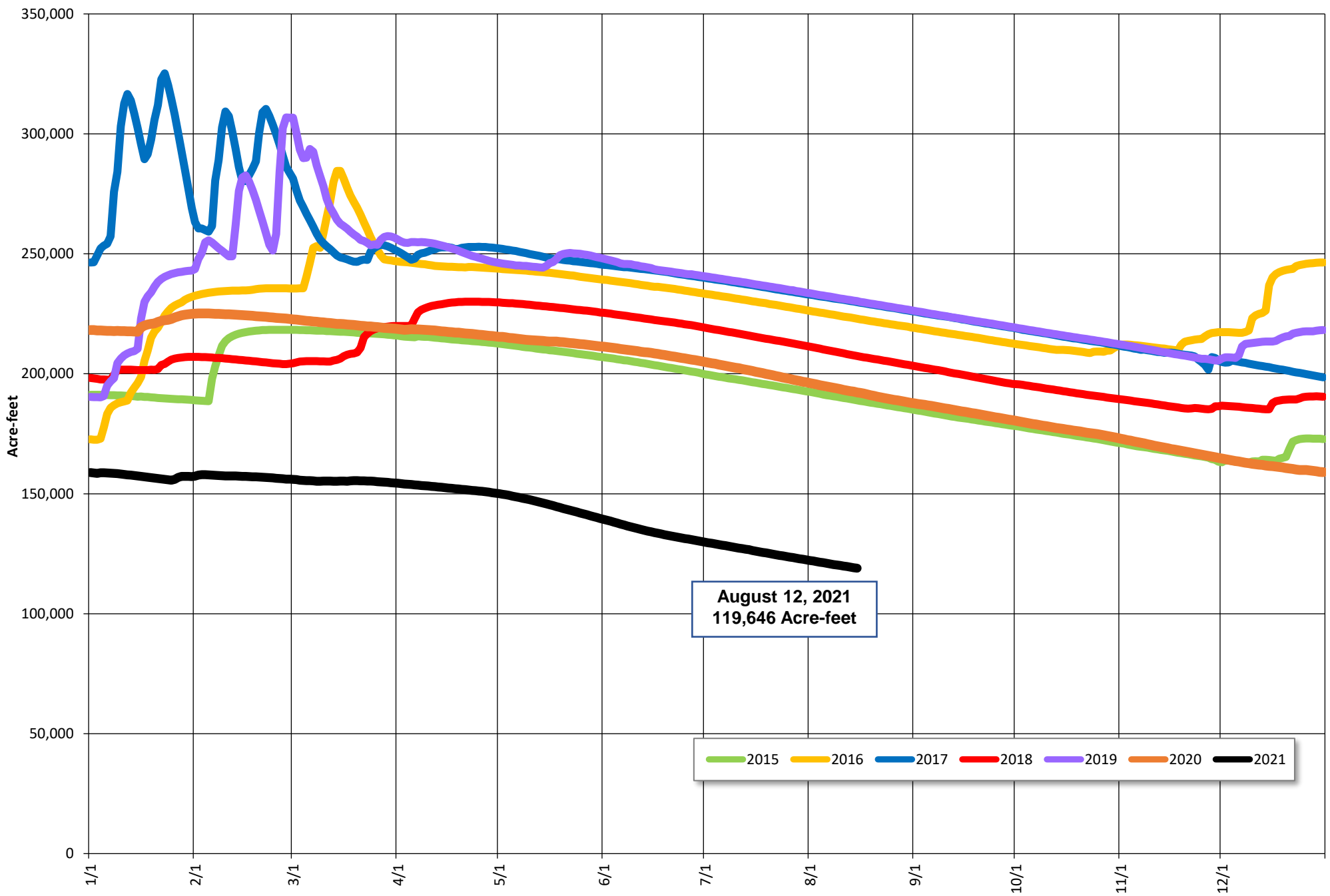
Storage (acre-feet)	August 12, 2021	22,449	
		Total	Average Daily Rate
Change in Storage (acre-feet)	Last 30 days	-6,041	-201
	Last 7 days	-1,264	-181
Daily Inflow (cfs)	Last 7 days	Min	8
		Max	24
		Mean	15
Release (cfs)	Last 7 days	Min	112
		Max	115
		Mean	113

Lake Sonoma



Nathan Baskett, March 3, 2011

Lake Sonoma Storage 2015-2021



Storage (acre-feet)	August 12, 2021	119,646	
		Total	Average Daily Rate
Change in Storage (acre-feet)	Last 30 days	-7,263	-242
	Last 7 days	-1,341	-192
Daily Inflow (cfs)	Last 7 days	Min	0
		Max	22
		Mean	0
Release (cfs)	Last 7 days	Min	97
		Max	101
		Mean	98

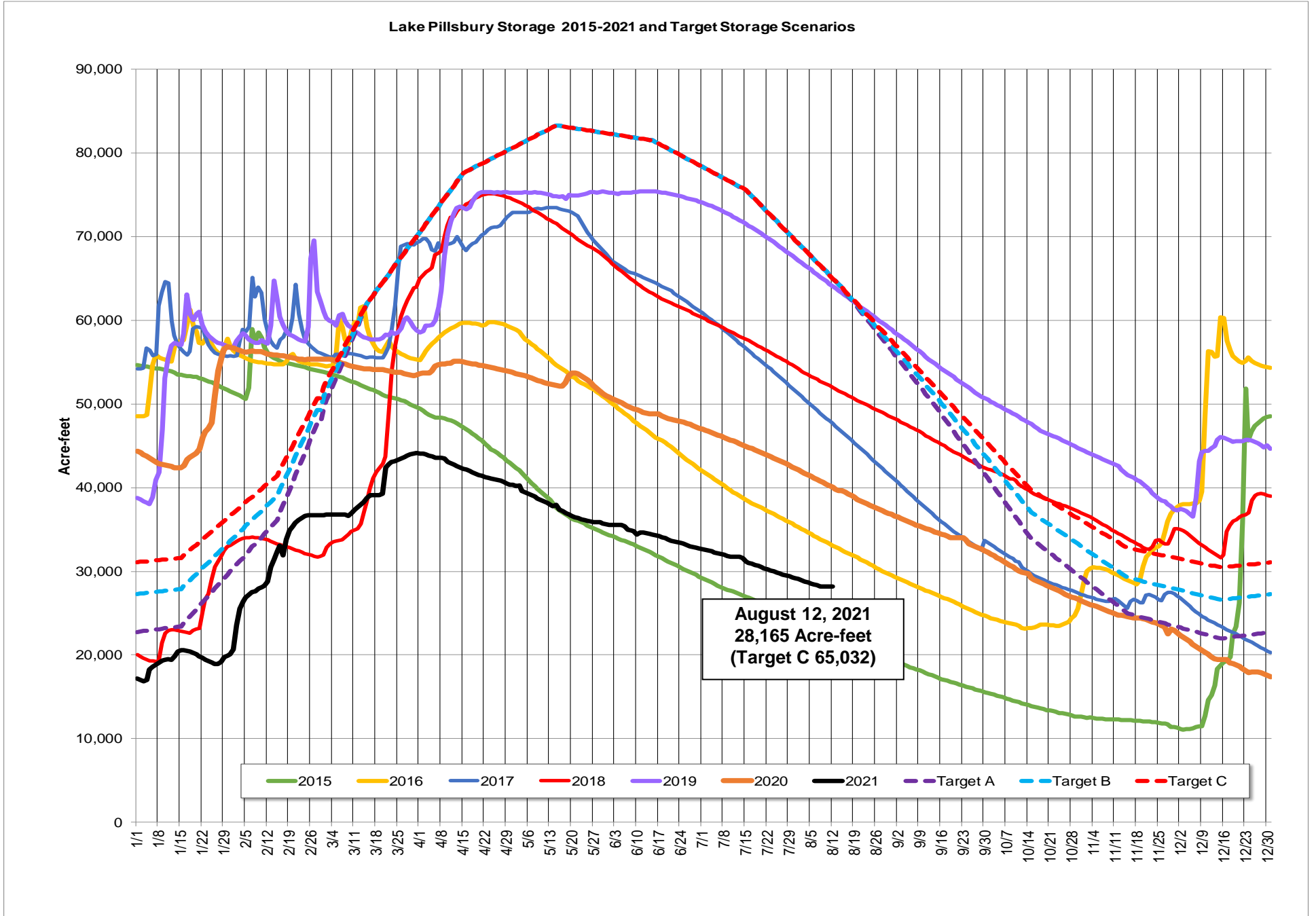
Potter Valley Project

PVP Diversion (cfs)	August 12, 2021	34
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Lake Pillsbury

Parameter	Date Range	Cumulative	Daily Average
Inflow* (acre-feet)	October 1, 2020 - August 12, 2021	88,390	281
	Last 7 days	521	74

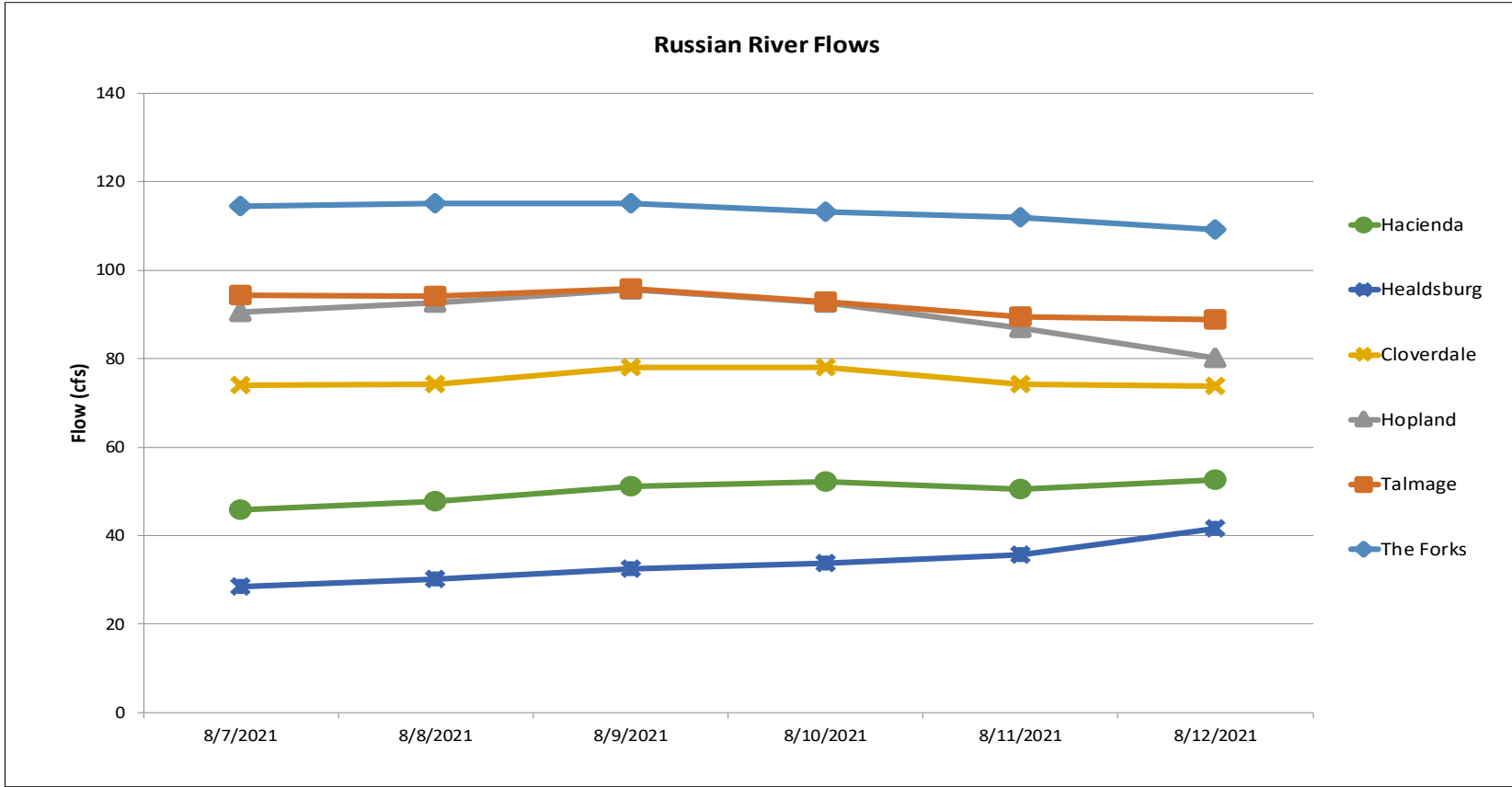
*Inflow calculation based on criteria established in D1610



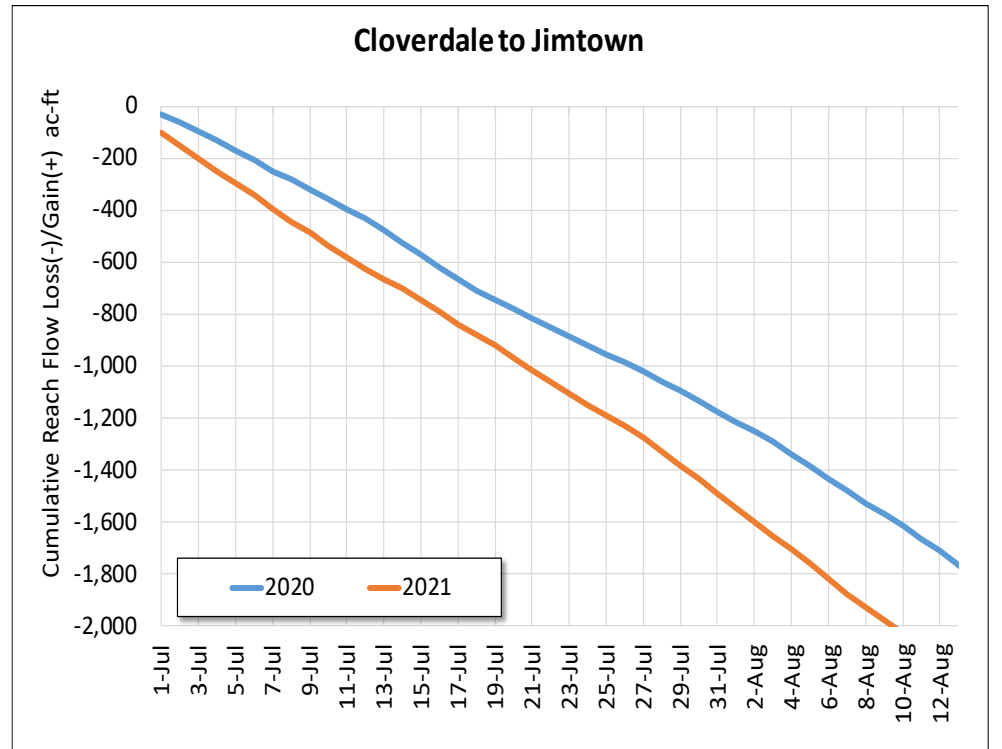
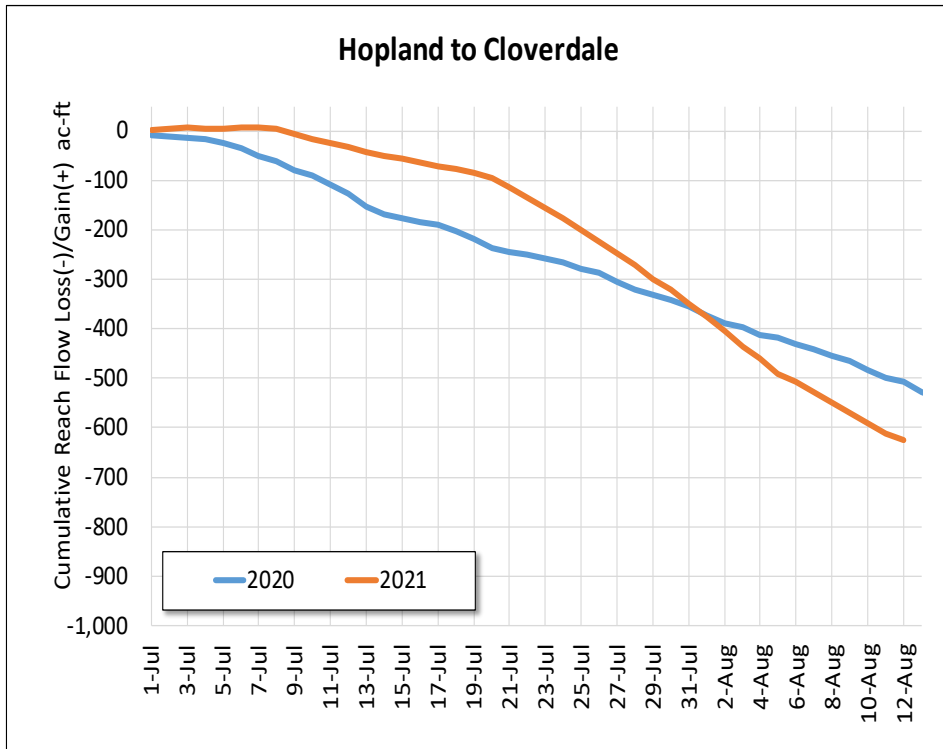
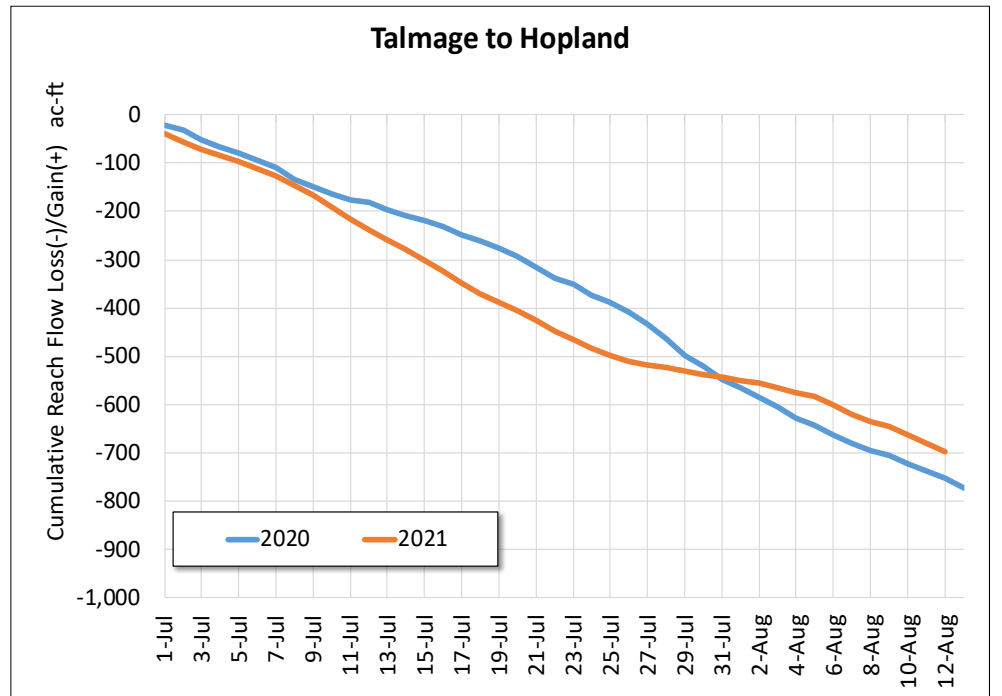
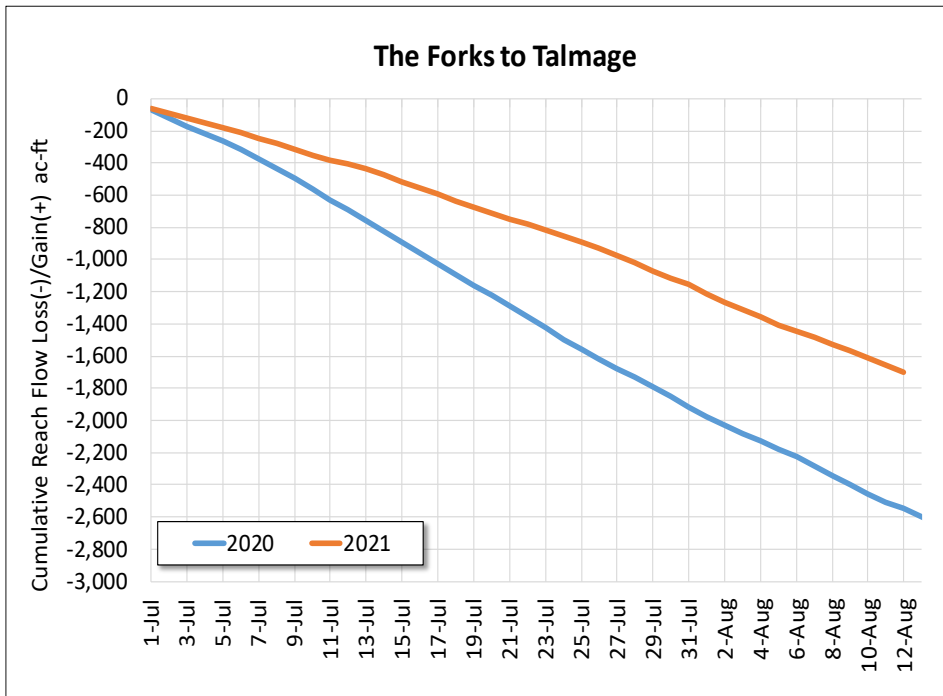
Russian River Flows (August 6 - August 12, 2021)

Gage	24-hr Average Flow (cfs)						
	Aug 6, 2021	Aug 7, 2021	Aug 8, 2021	Aug 9, 2021	Aug 10, 2021	Aug 11, 2021	Aug 12, 2021
The Forks*	112	114	115	115	113	112	109
Talmage USGS 11462080	94	94	94	96	93	89	89
Hopland USGS 11462500	90	91	93	96	93	87	80
Cloverdale USGS 11463000	75	74	74	78	78	74	74
Healdsburg USGS 11464000	28	29	30	32	34	36	42
Hacienda USGS 11467000	41	46	48	51	52	51	53

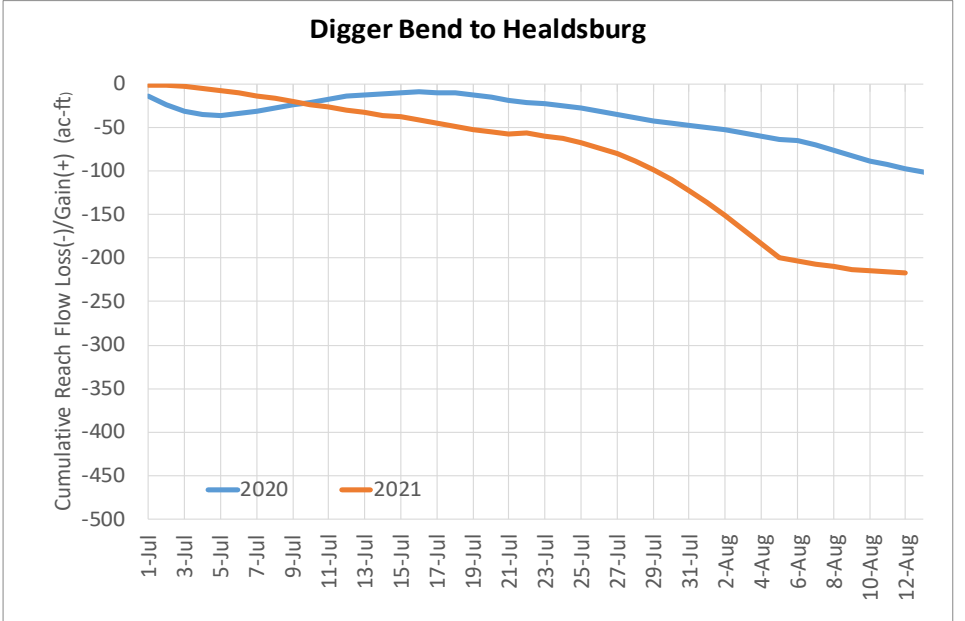
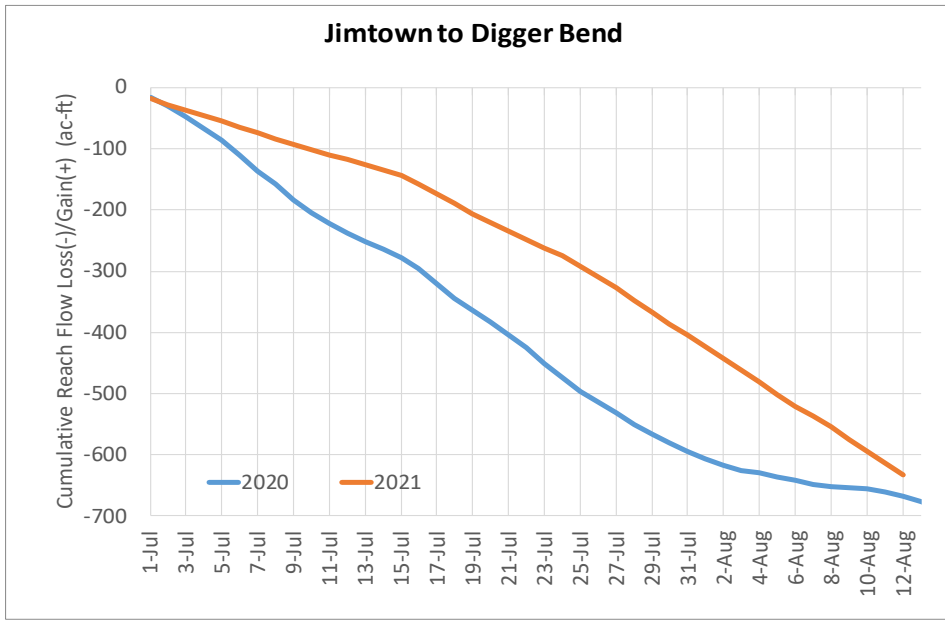
*West Fork (USGS 11461000) + East Fork (Coyote Valley Dam Release)



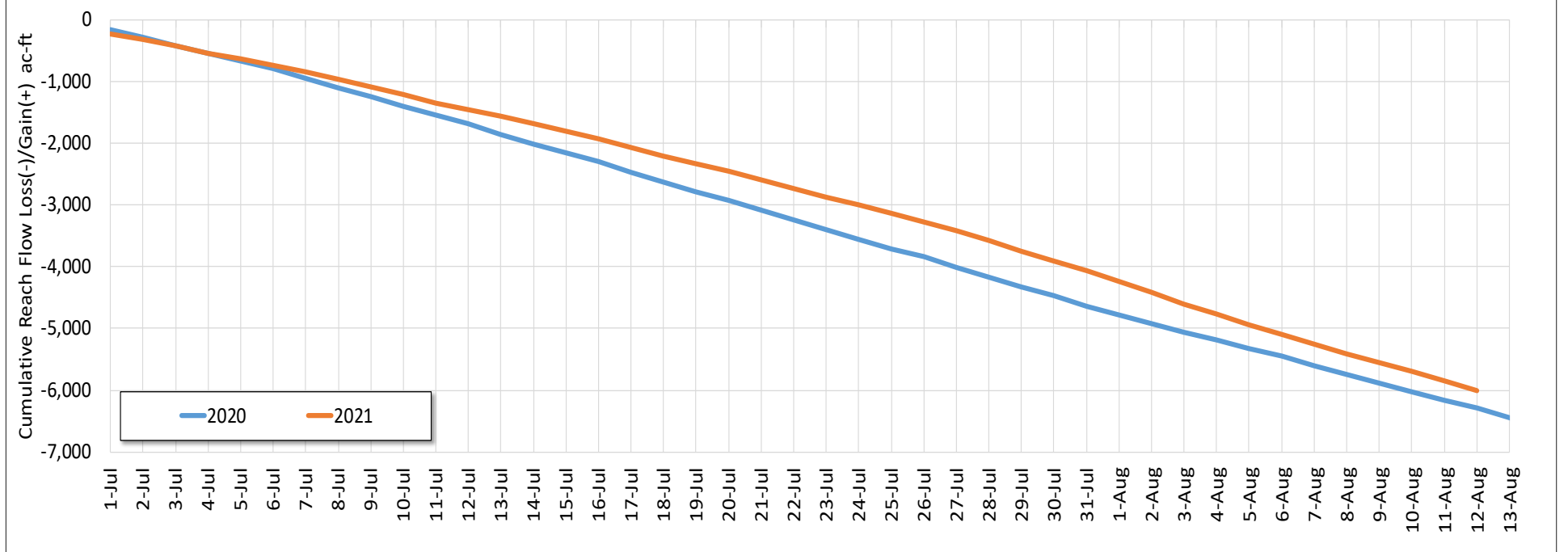
Upper Russian River Flow Gain/Loss (July 1 - August 12, 2021)



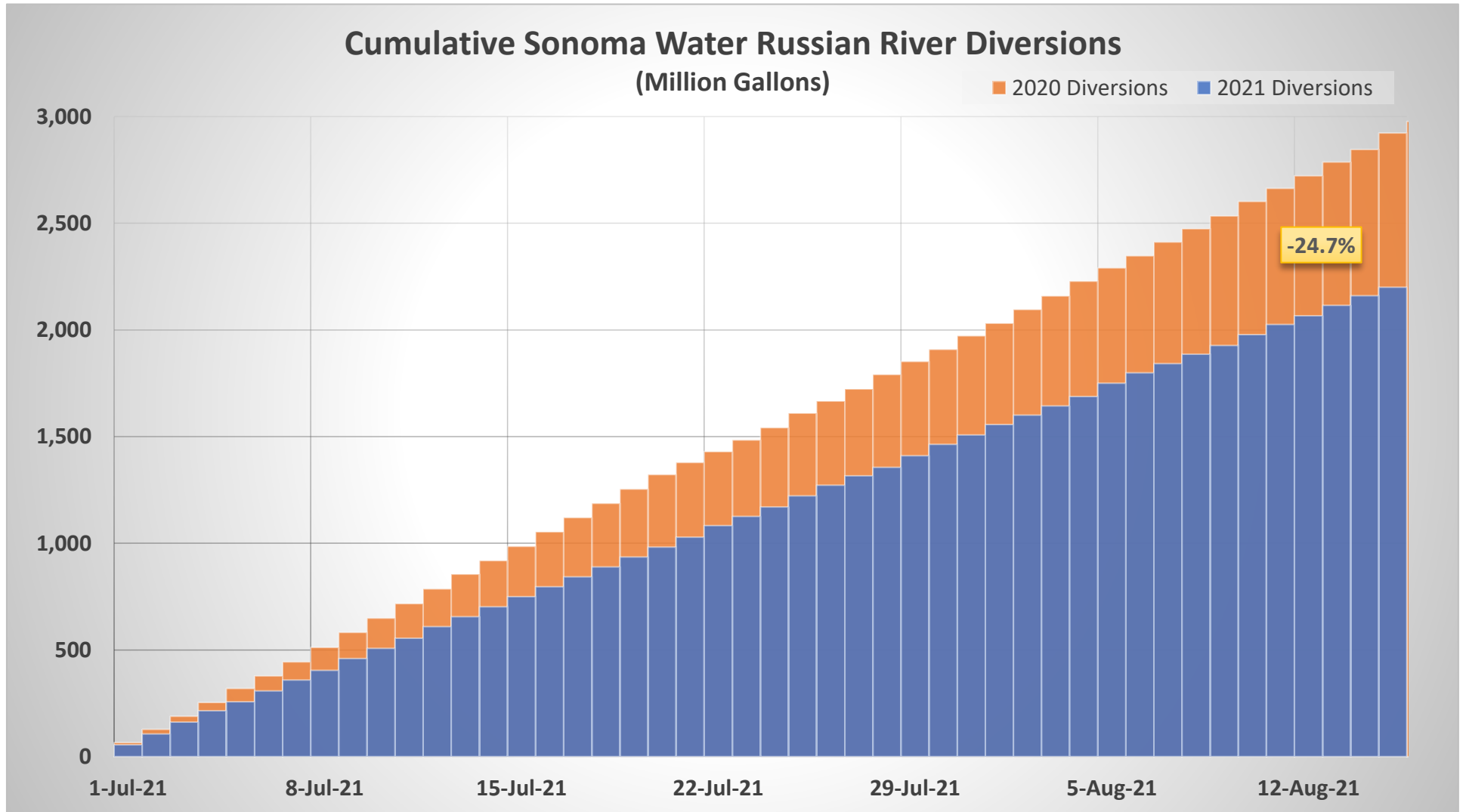
Upper Russian River Flow Gain/Loss (July 1 - August 12, 2021)



Forks to Healdsburg (Total Upper Russian River)



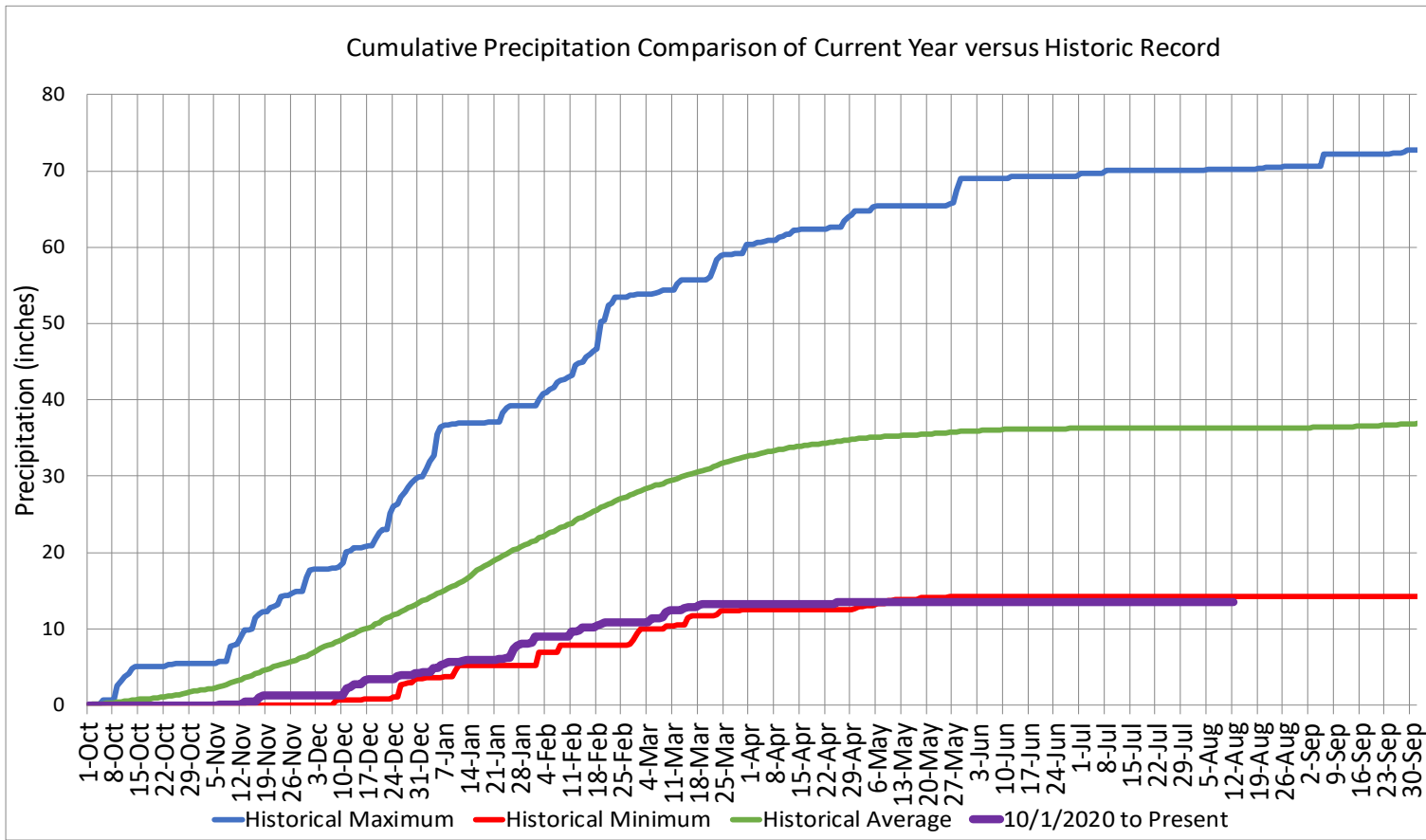
Sonoma Water River Diversions (July 1 - August 12, 2021)



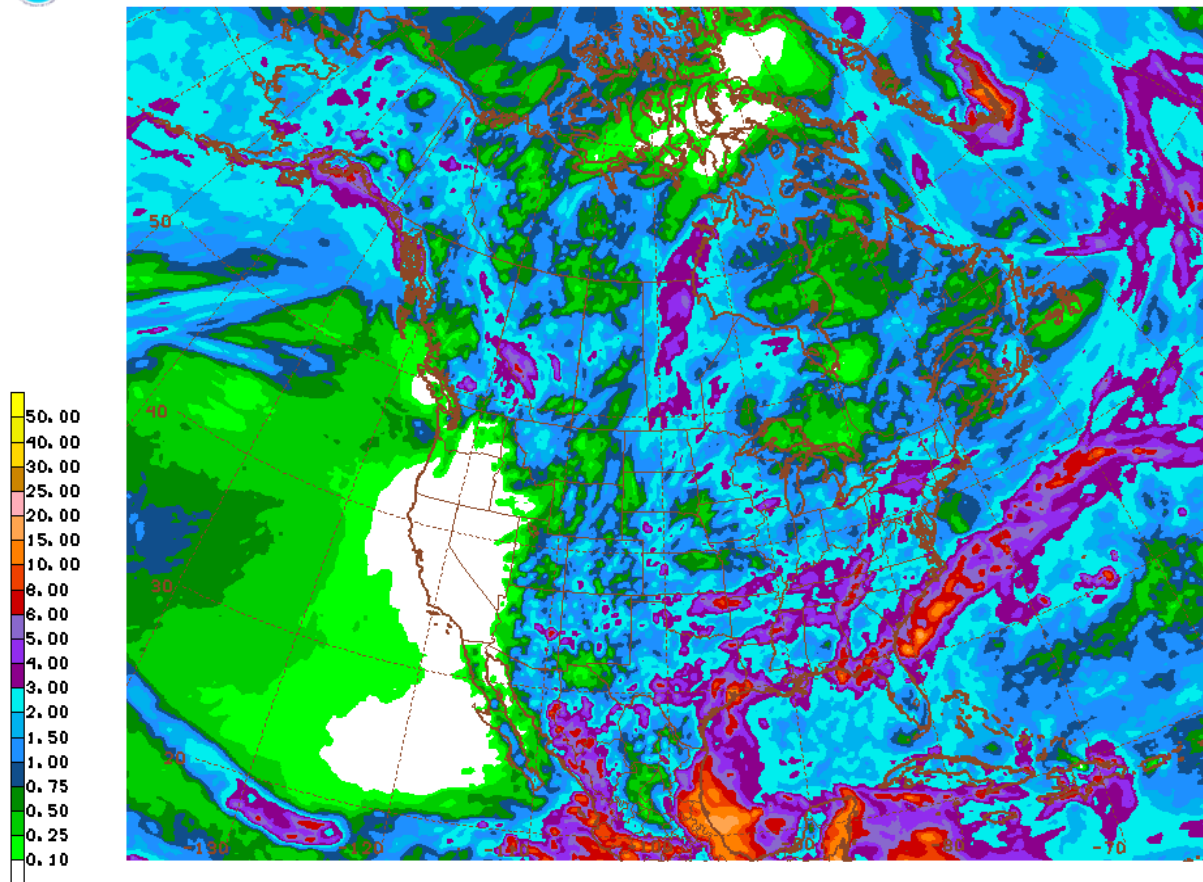
Precipitation

Ukiah Municipal Airport (WBAN: 72590523275 (KUKI))

Date Range	Cumulative (inches)
Oct 1, 2020 - Aug 12, 2021	13.48
Last 7 Days*	0.00



GFS 08/16/21 12UTC 384HR FCST VALID WED 09/01/21 12UTC NOAA/NWS/NCEP



GFS WED 210901/1200Y384 384HR ACCUMULATED PRECIP (IN)

Date Range	Forecasted Cumulative (inches)
Aug 15 - Aug 31, 2021	0.0