



Sonoma Water

State Water Resources Control Board
 Temporary Urgency Change Order (6/14/2021)
 Russian River Hydrologic Report
 July 30, 2021 - August 5, 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).

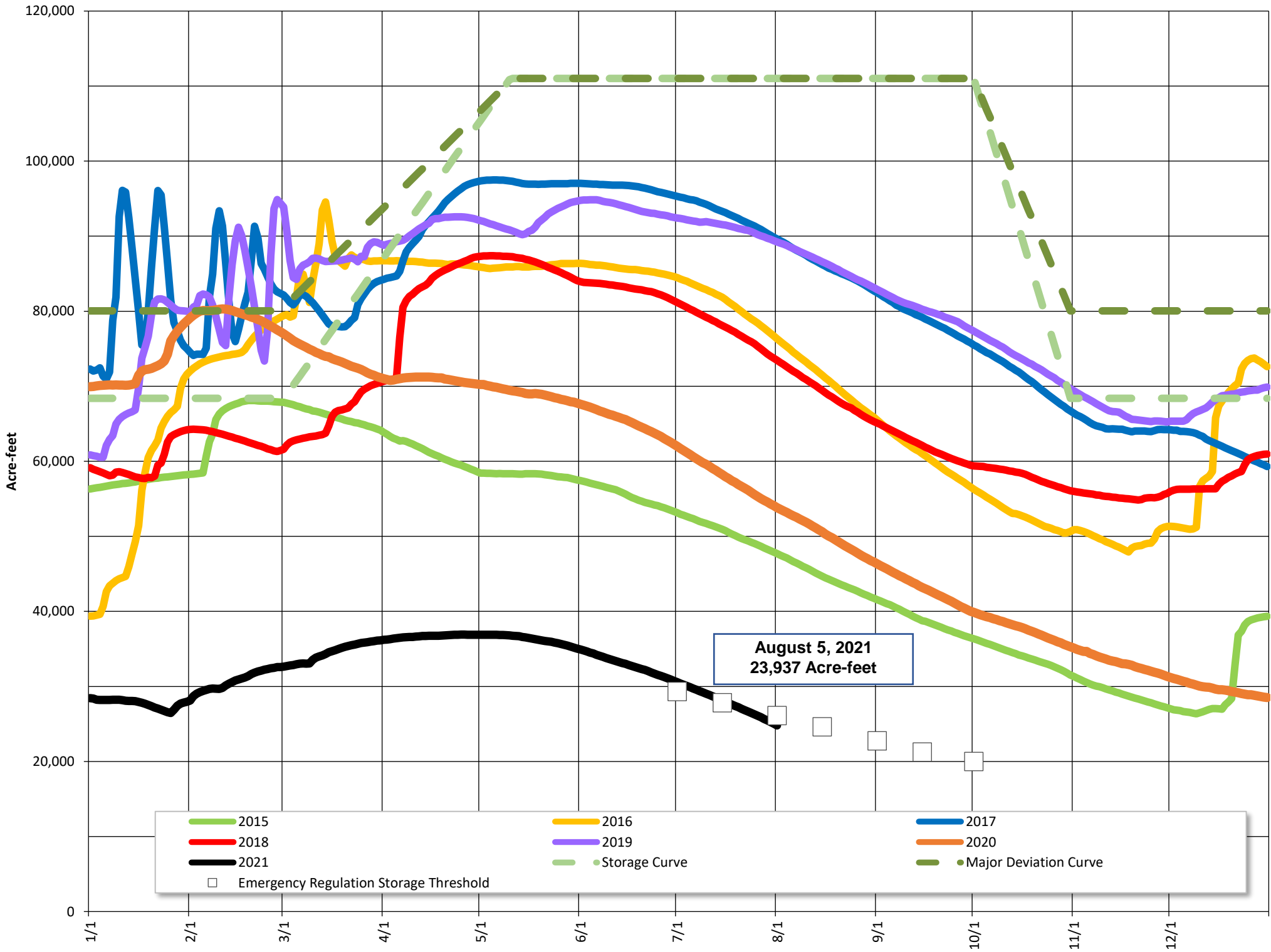
Instream Flow Requirements as of August 5, 2021

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



August 5, 2021
 23,937 Acre-feet

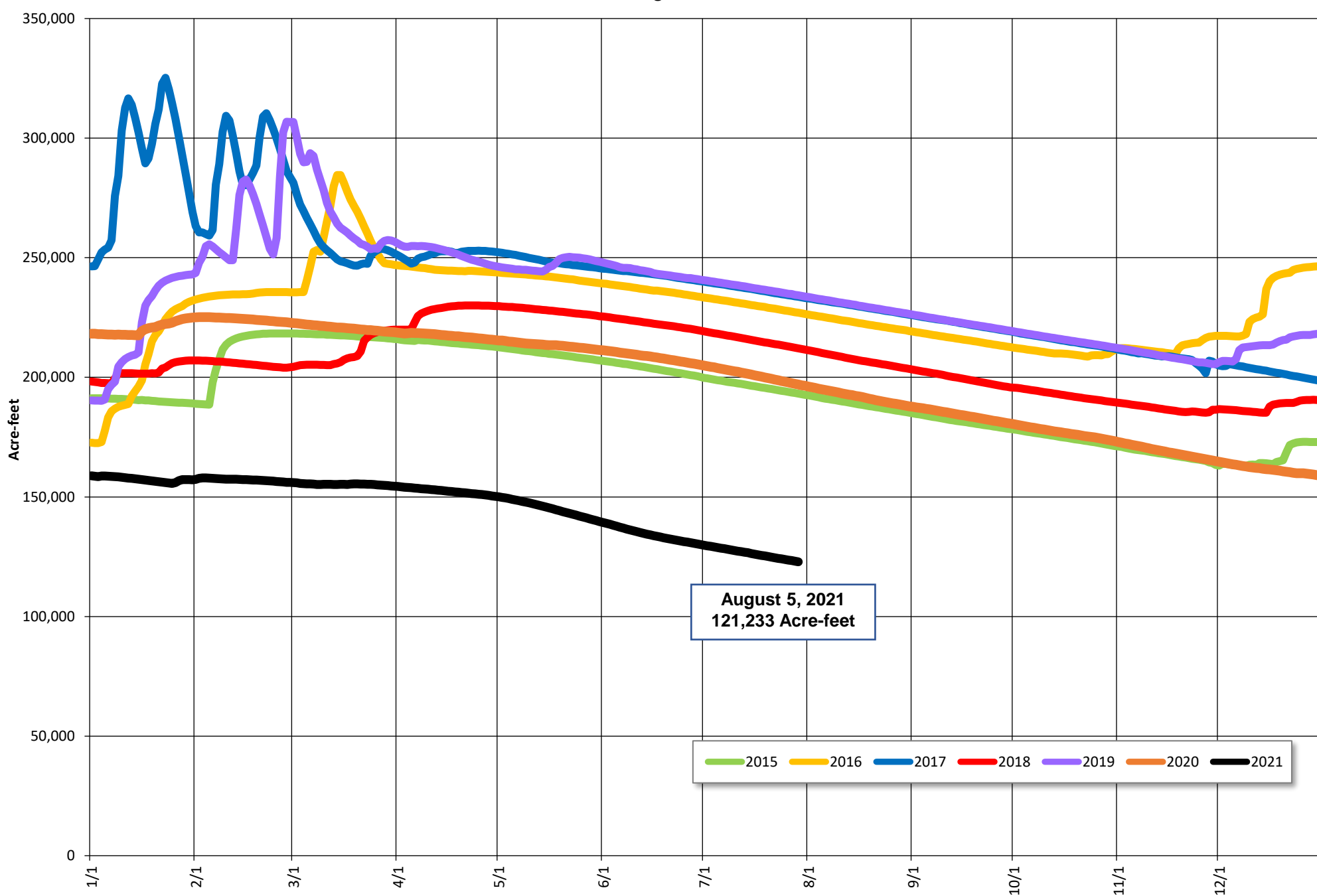
Storage (acre-feet)	August 5, 2021	23,937	
		Total	Average Daily Rate
Change in Storage (acre-feet)	Last 30 days	-5,782	-193
	Last 7 days	-1,328	-190
Daily Inflow (cfs)	Last 7 days	Min	7
		Max	19
		Mean	14
Release (cfs)	Last 7 days	Min	115
		Max	115
		Mean	115

Lake Sonoma



Nathan Baskett, March 3, 2011

Lake Sonoma Storage 2015-2021



Storage (acre-feet)	August 5, 2021	121,233	
		Total	Average Daily Rate
Change in Storage (acre-feet)	Last 30 days	-7,344	-245
	Last 7 days	-1,419	-203
Daily Inflow (cfs)	Last 7 days	Min	0
		Max	0
		Mean	0
Release (cfs)	Last 7 days	Min	99
		Max	99
		Mean	99

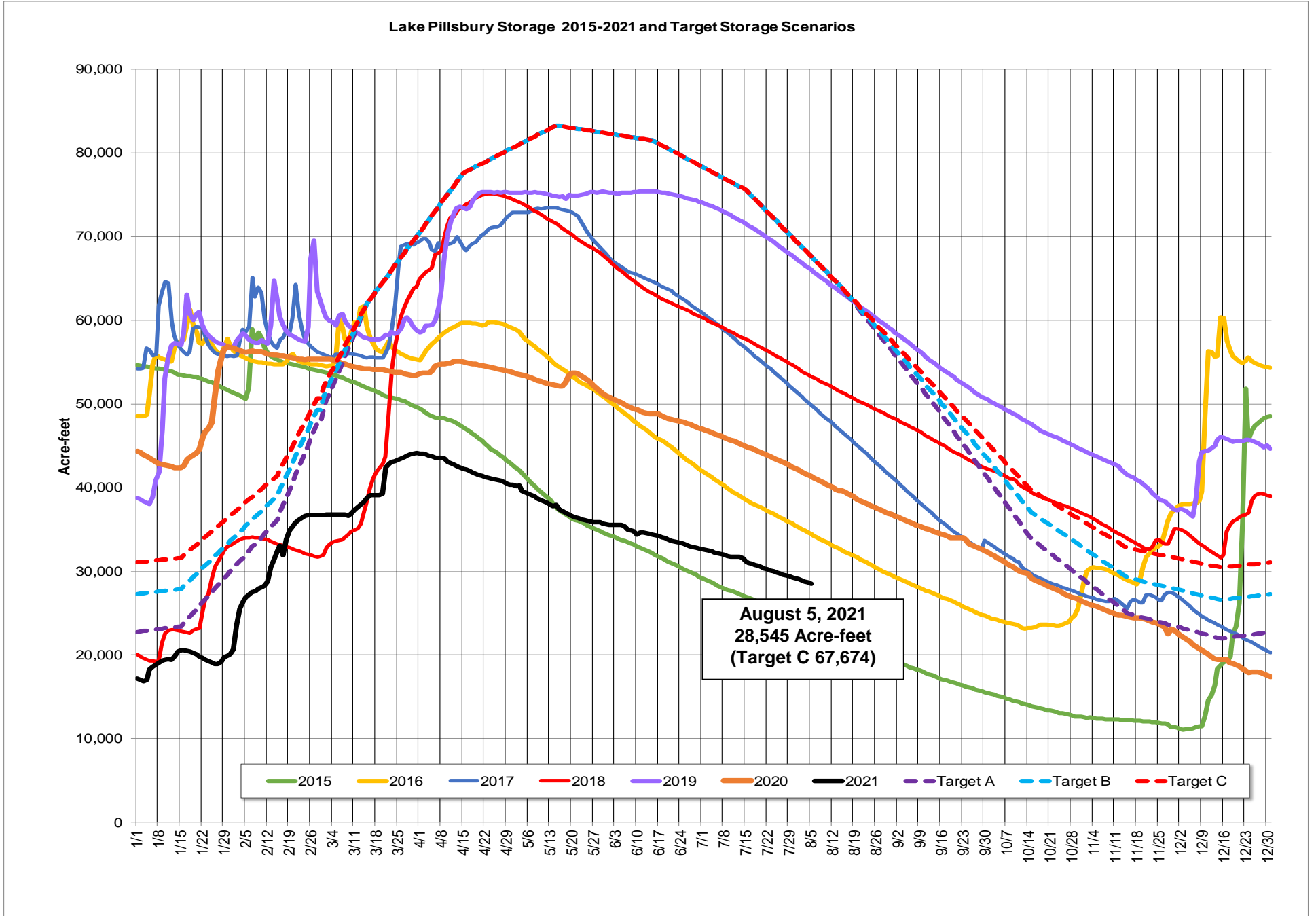
Potter Valley Project

PVP Diversion (cfs)	August 5, 2021	36
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Lake Pillsbury

Parameter	Date Range	Cumulative	Daily Average
Inflow* (acre-feet)	October 1, 2020 - August 5, 2021	87,857	285
	Last 7 days	18	3

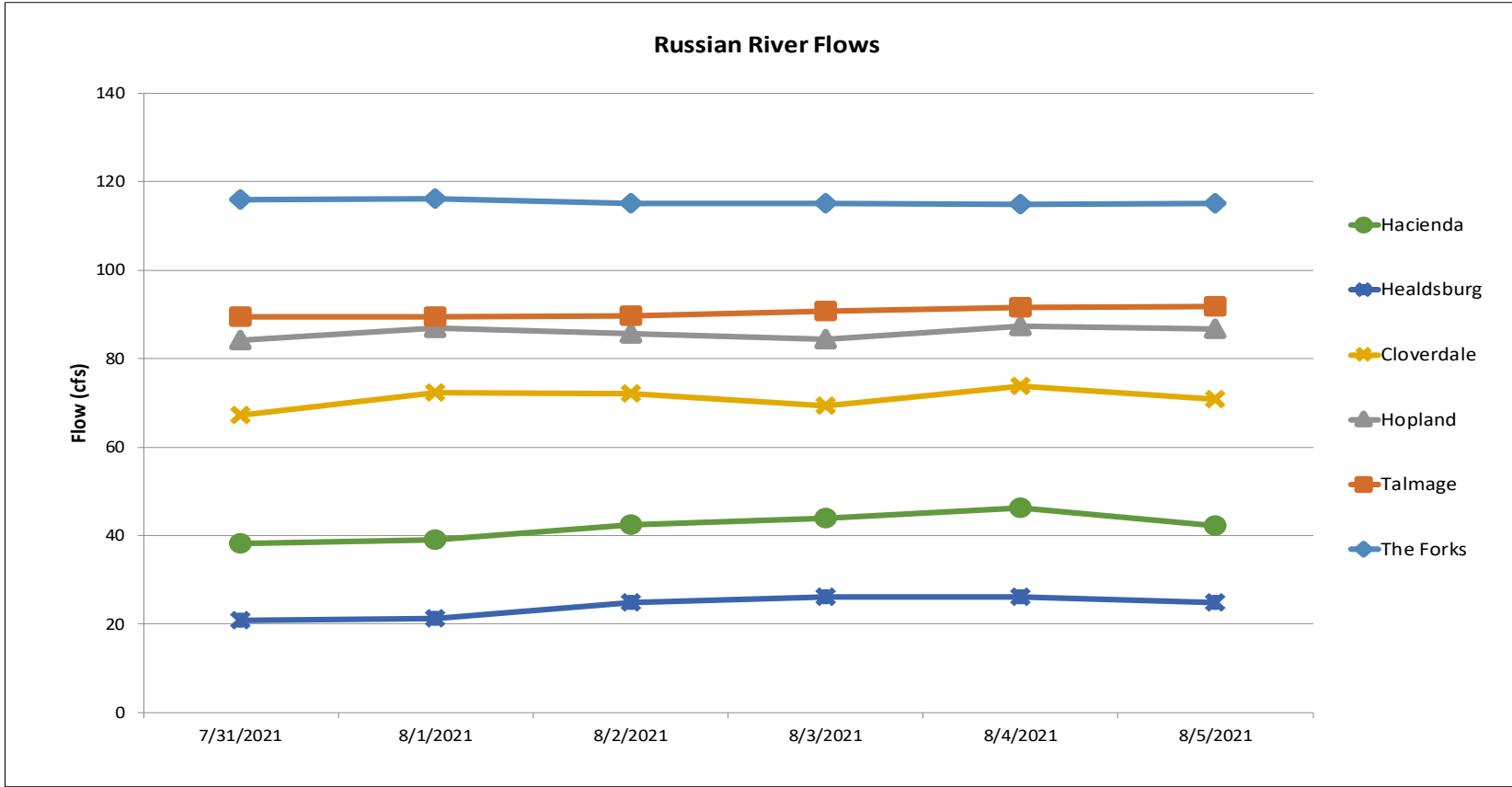
*Inflow calculation based on criteria established in D1610



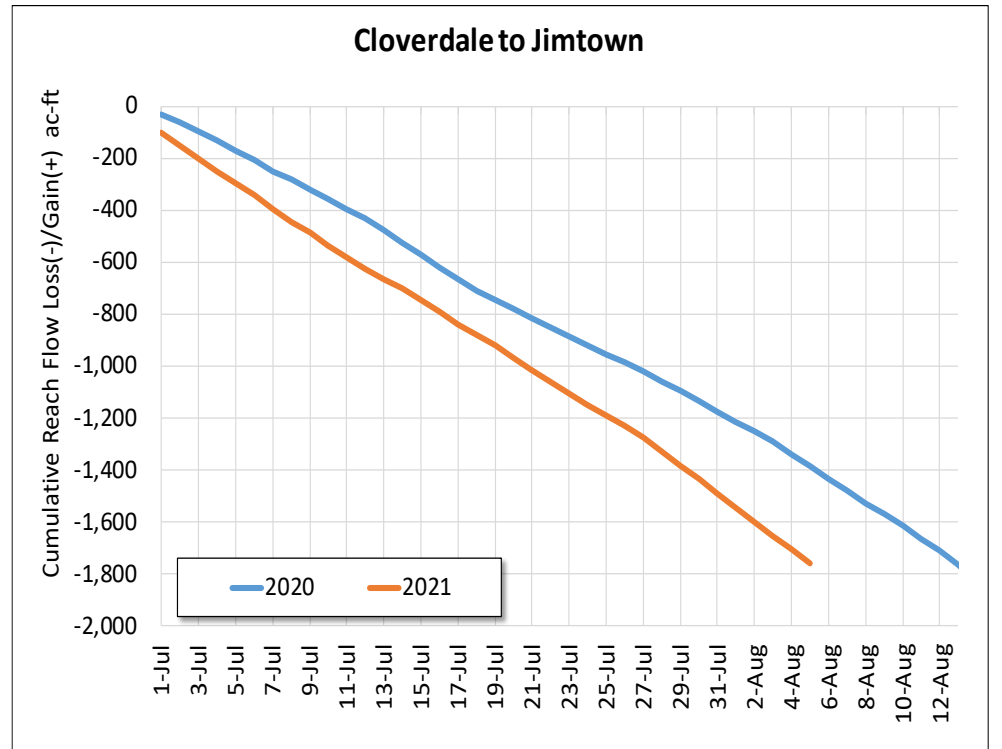
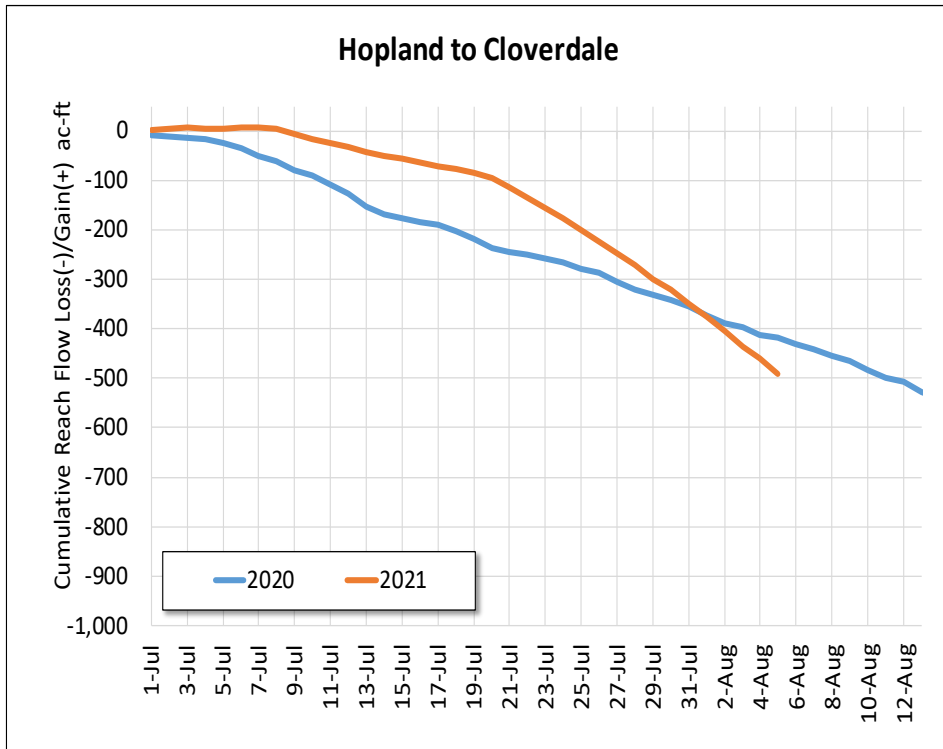
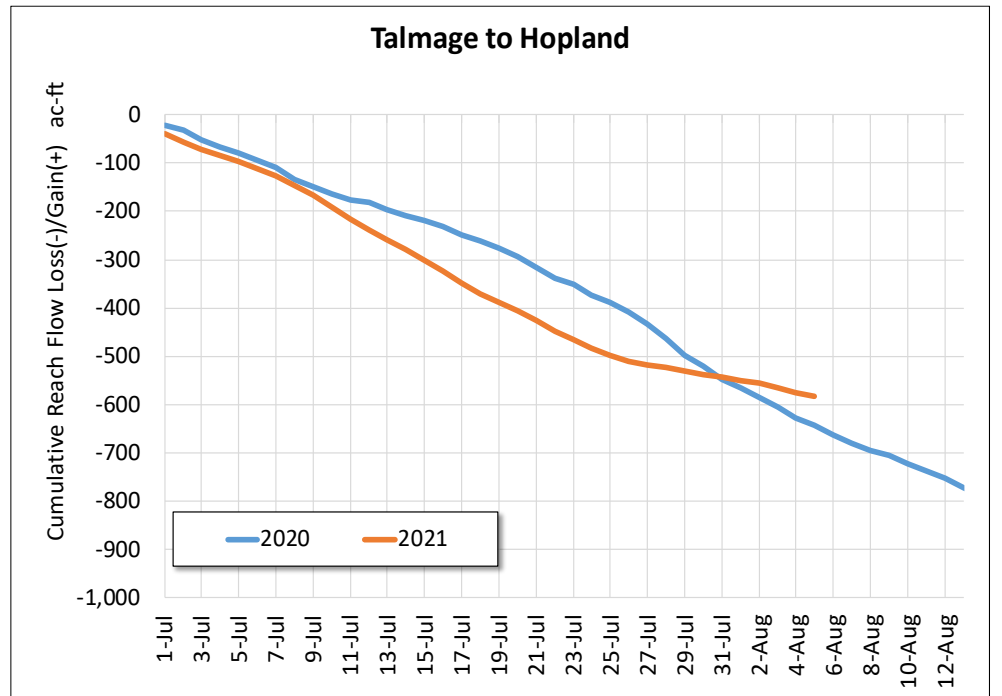
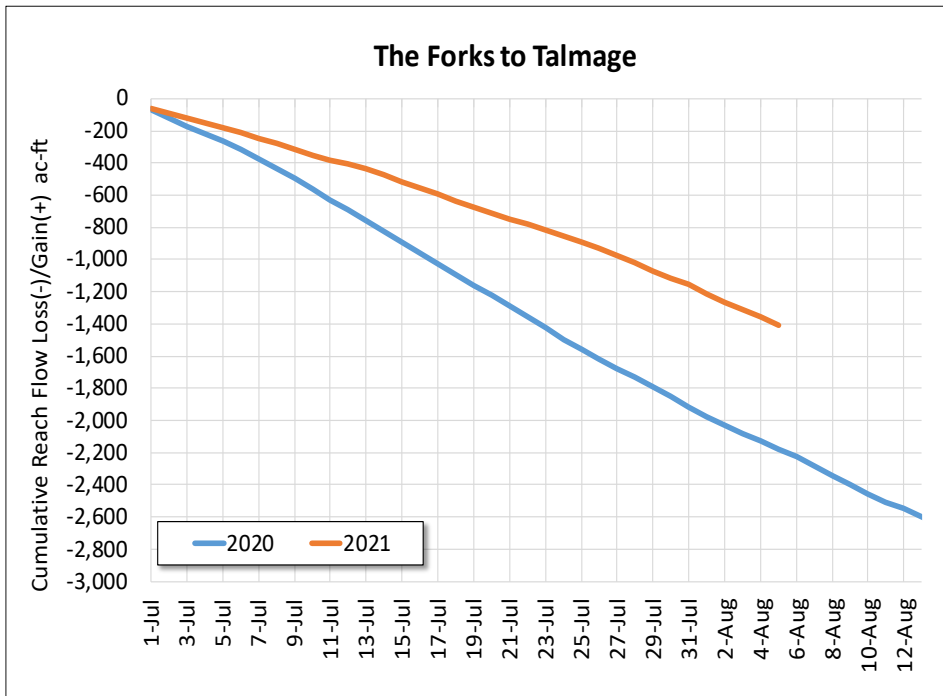
Russian River Flows (July 30 - August 5, 2021)

Gage	24-hr Average Flow (cfs)						
	Jul 30, 2021	Jul 31, 2021	Aug 1, 2021	Aug 2, 2021	Aug 3, 2021	Aug 4, 2021	Aug 5, 2021
The Forks*	110	116	116	115	115	115	115
Talmage USGS 11462080	85	90	90	90	91	92	92
Hopland USGS 11462500	80	84	87	86	84	87	87
Cloverdale USGS 11463000	64	67	72	72	69	74	71
Healdsburg USGS 11464000	21	21	21	25	26	26	25
Hacienda USGS 11467000	37	38	39	42	44	46	42

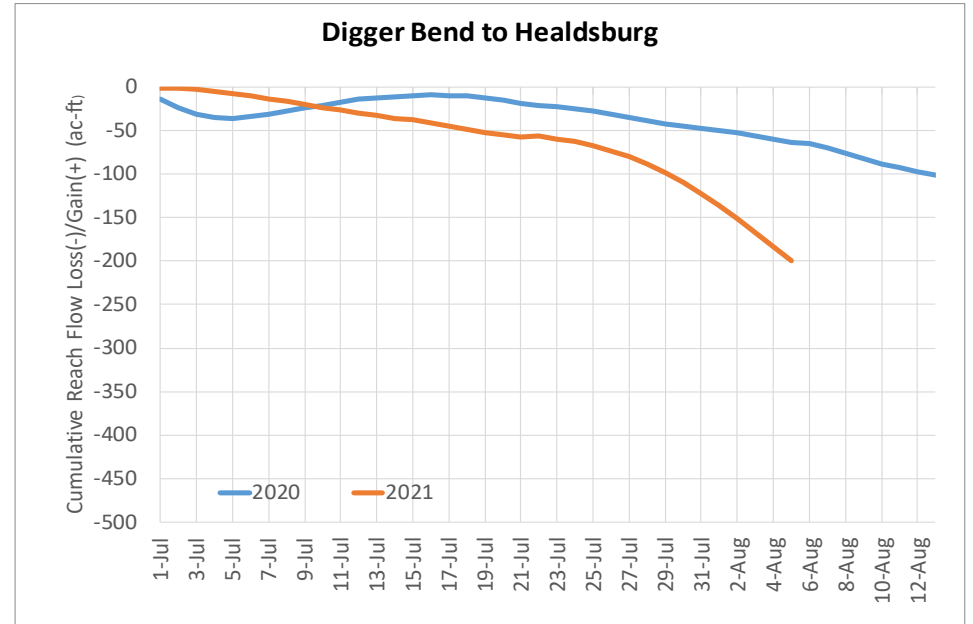
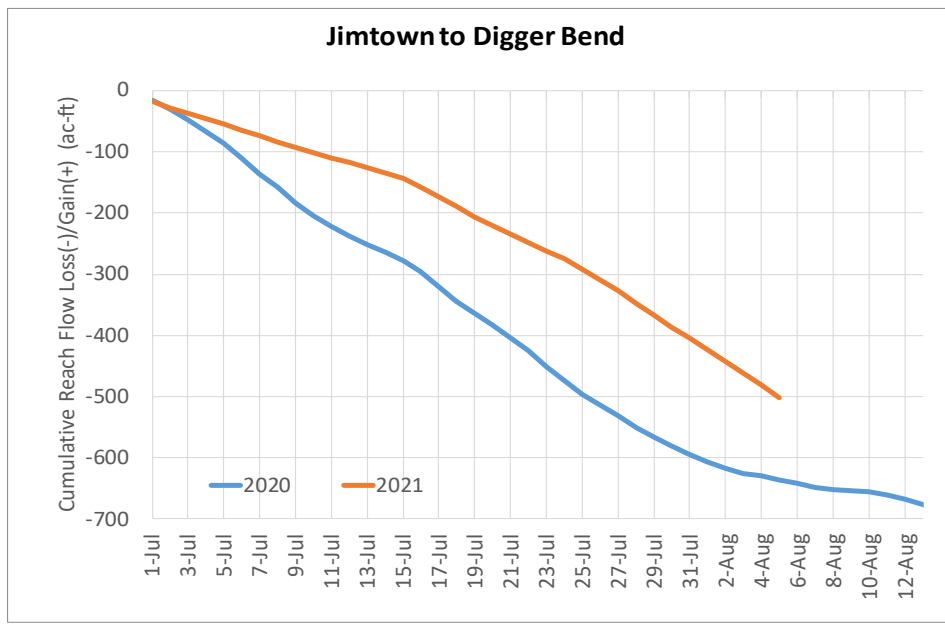
*West Fork (USGS 11461000) + East Fork (Coyote Valley Dam Release)



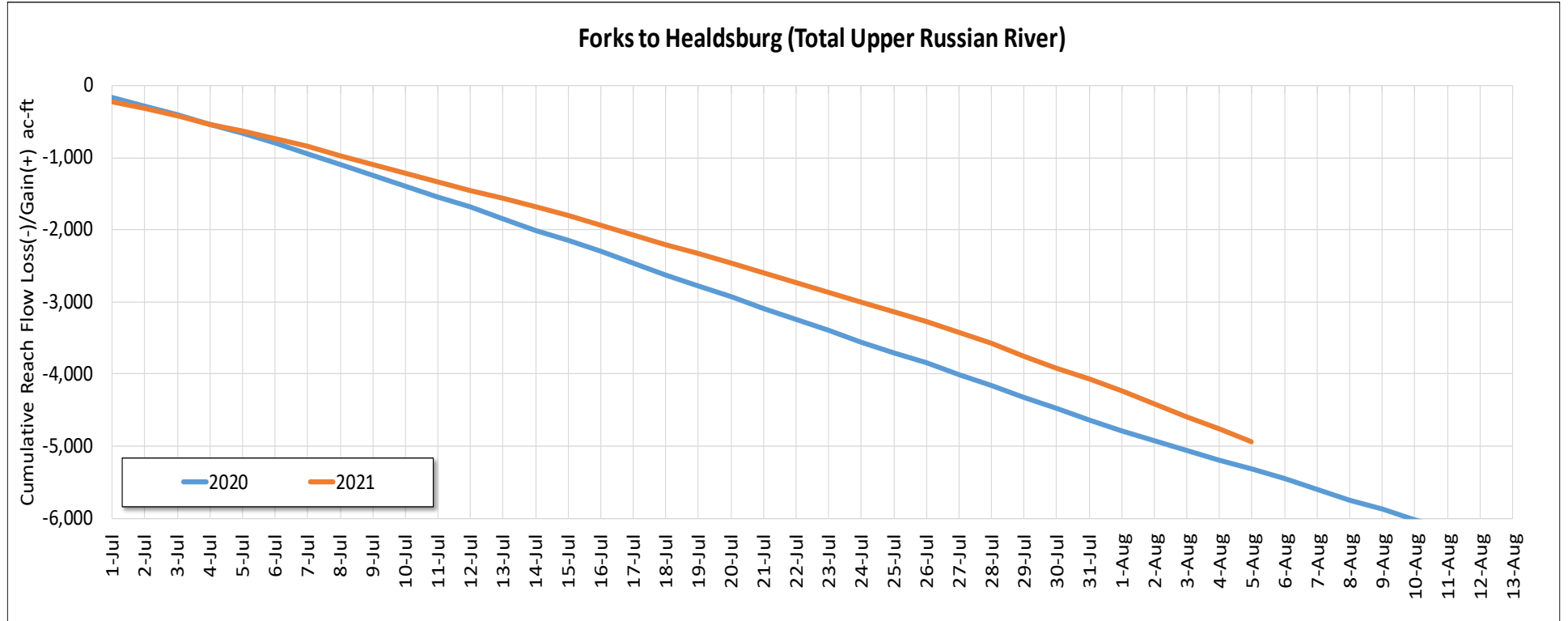
Upper Russian River Flow Gain/Loss (July 1 - August 5, 2021)



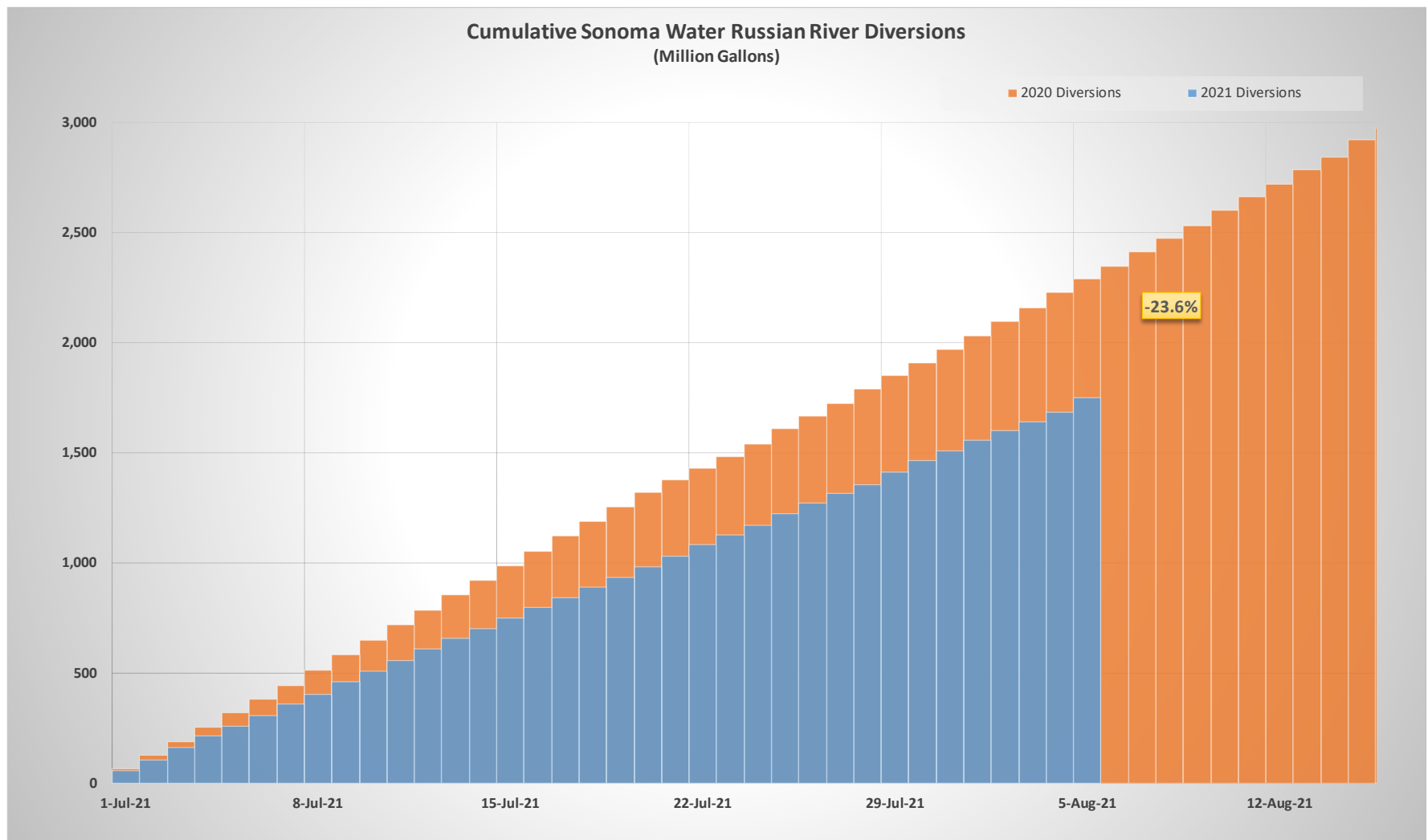
Upper Russian River Flow Gain/Loss (July 1 - August 5, 2021)



Forks to Healdsburg (Total Upper Russian River)



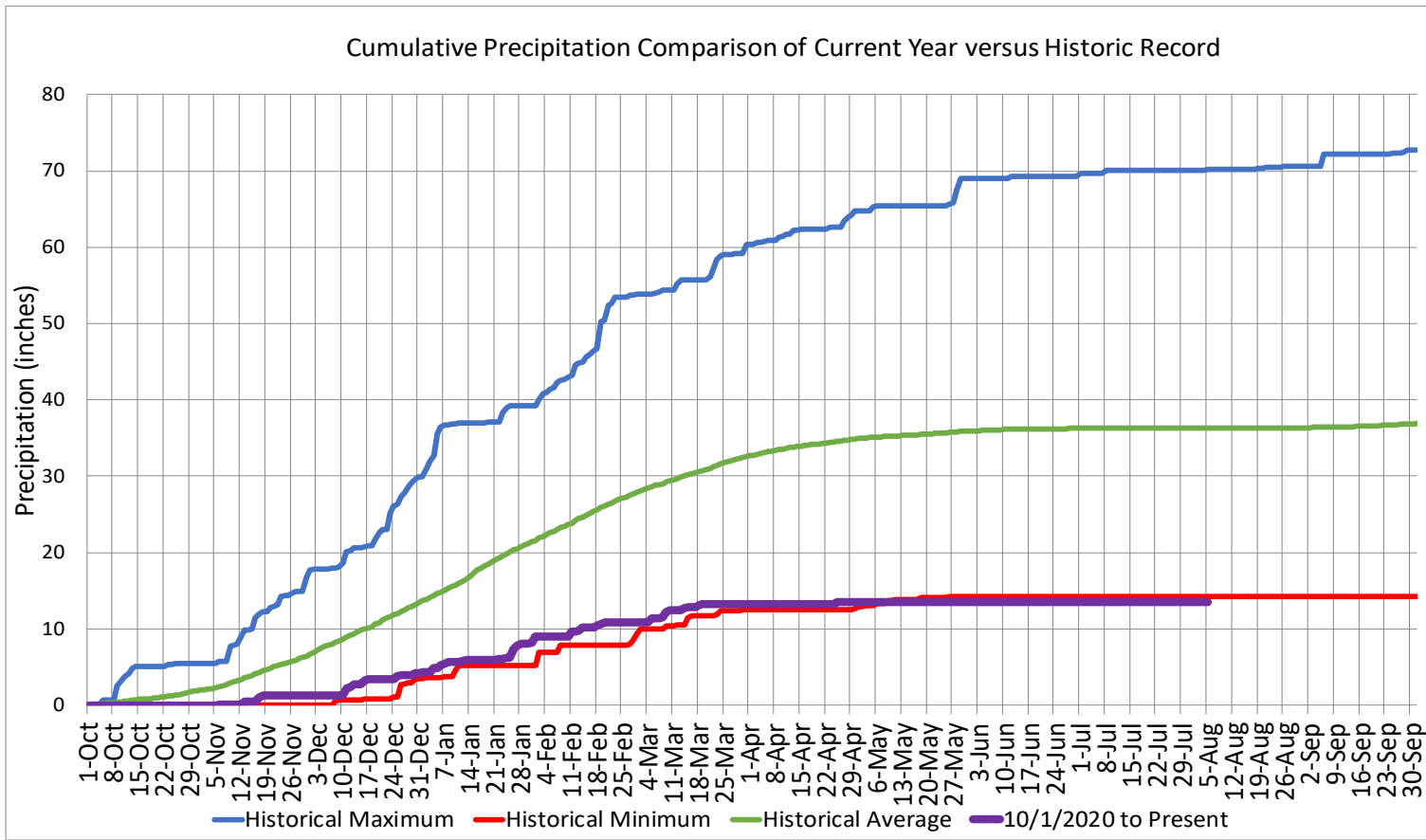
Sonoma Water River Diversions (July 1 - August 5, 2021)



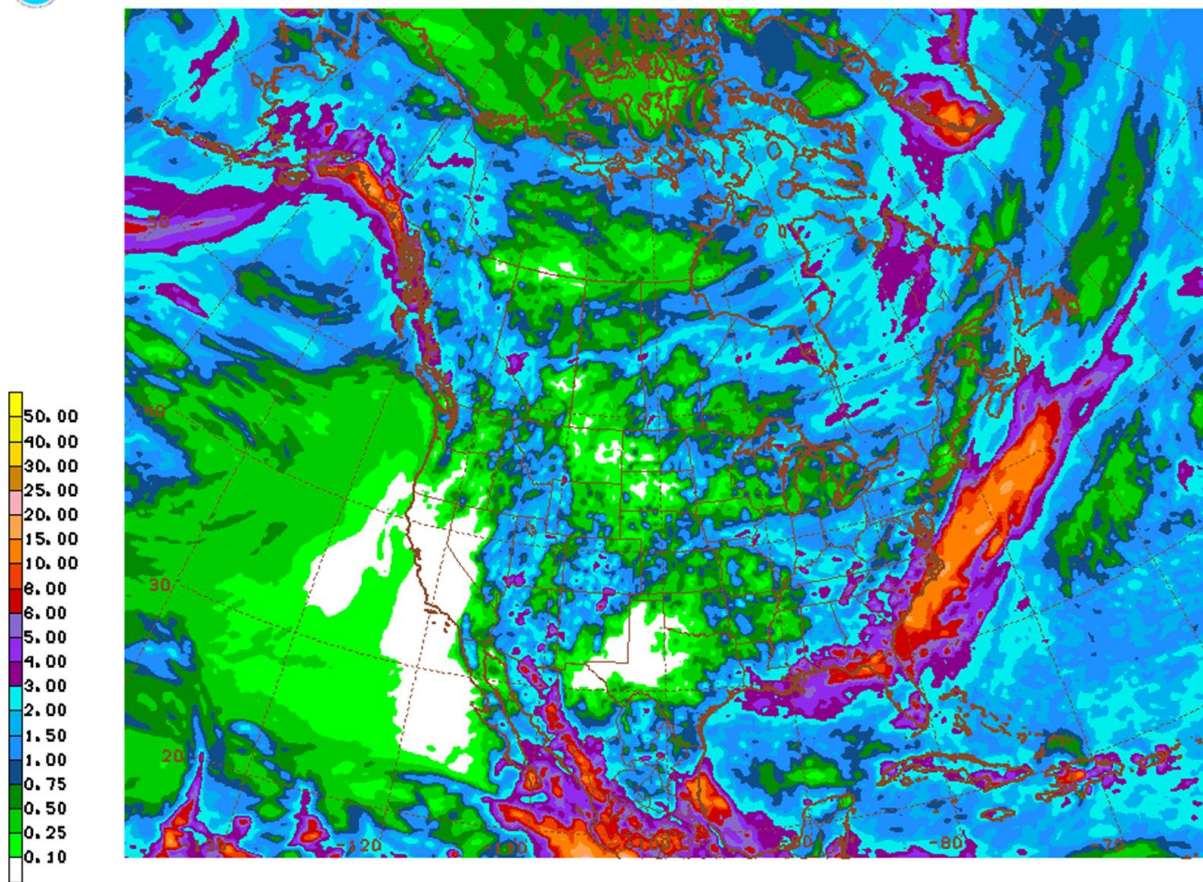
Precipitation

Ukiah Municipal Airport (WBAN: 72590523275 (KUKI))

Date Range	Cumulative (inches)
Oct 1, 2020 - Aug 5, 2021	13.48
Last 7 Days*	0.00



GFS 08/02/21 12UTC 384HR FCST VALID HED 08/18/21 12UTC NOAA/NWS/NCEP



GFS HED 210818/1200Y384 384HR ACCUMULATED PRECIP (IN)

Date Range	Forecasted Cumulative (inches)
Aug 8 - Aug 24, 2021	0.0