



Sonoma Water

State Water Resources Control Board
 Temporary Urgency Change Order (6/14/2021)
 Russian River Hydrologic Report
 August 13, 2021 - August 19, 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).

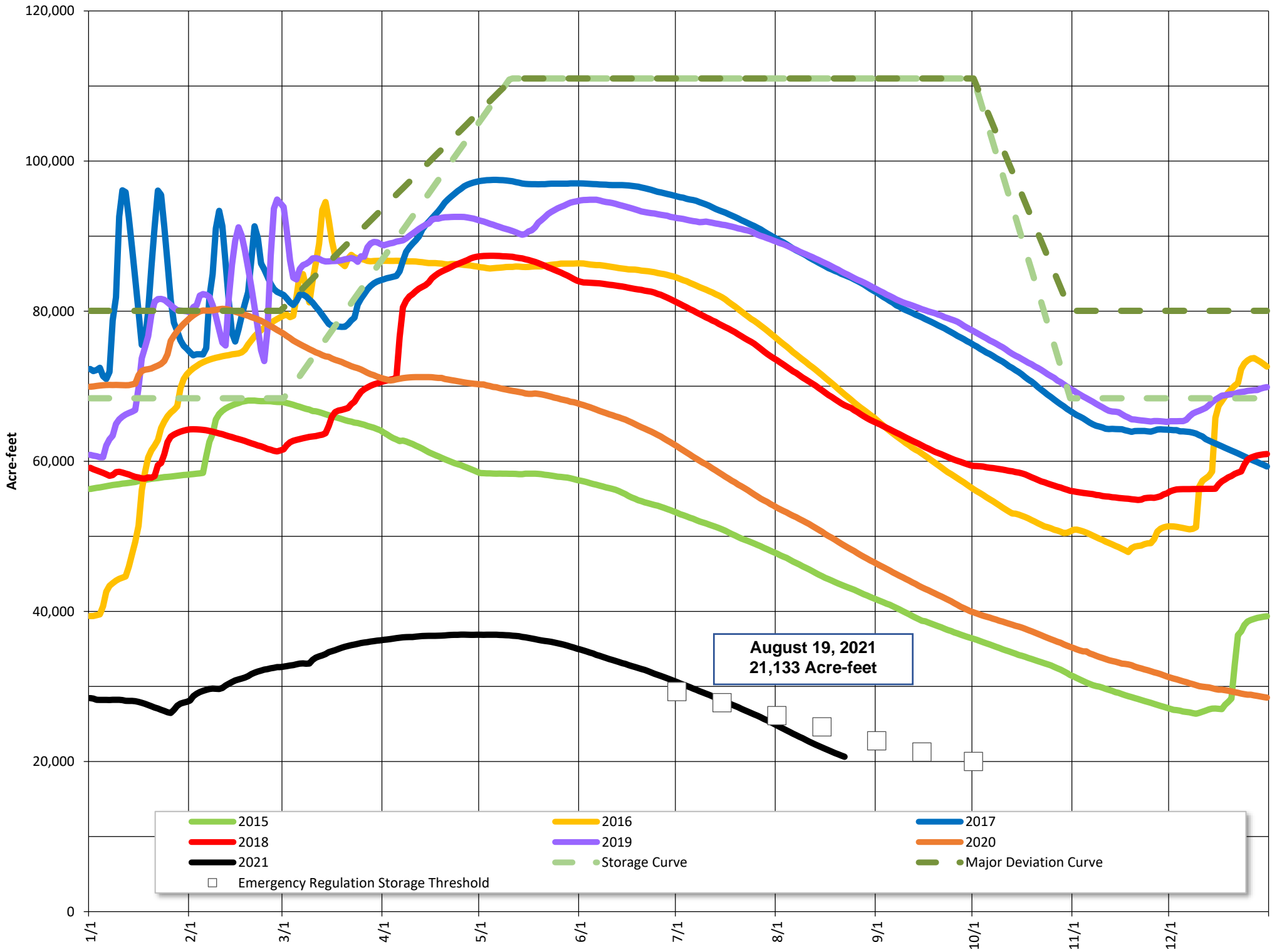
Instream Flow Requirements as of August 19, 2021

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



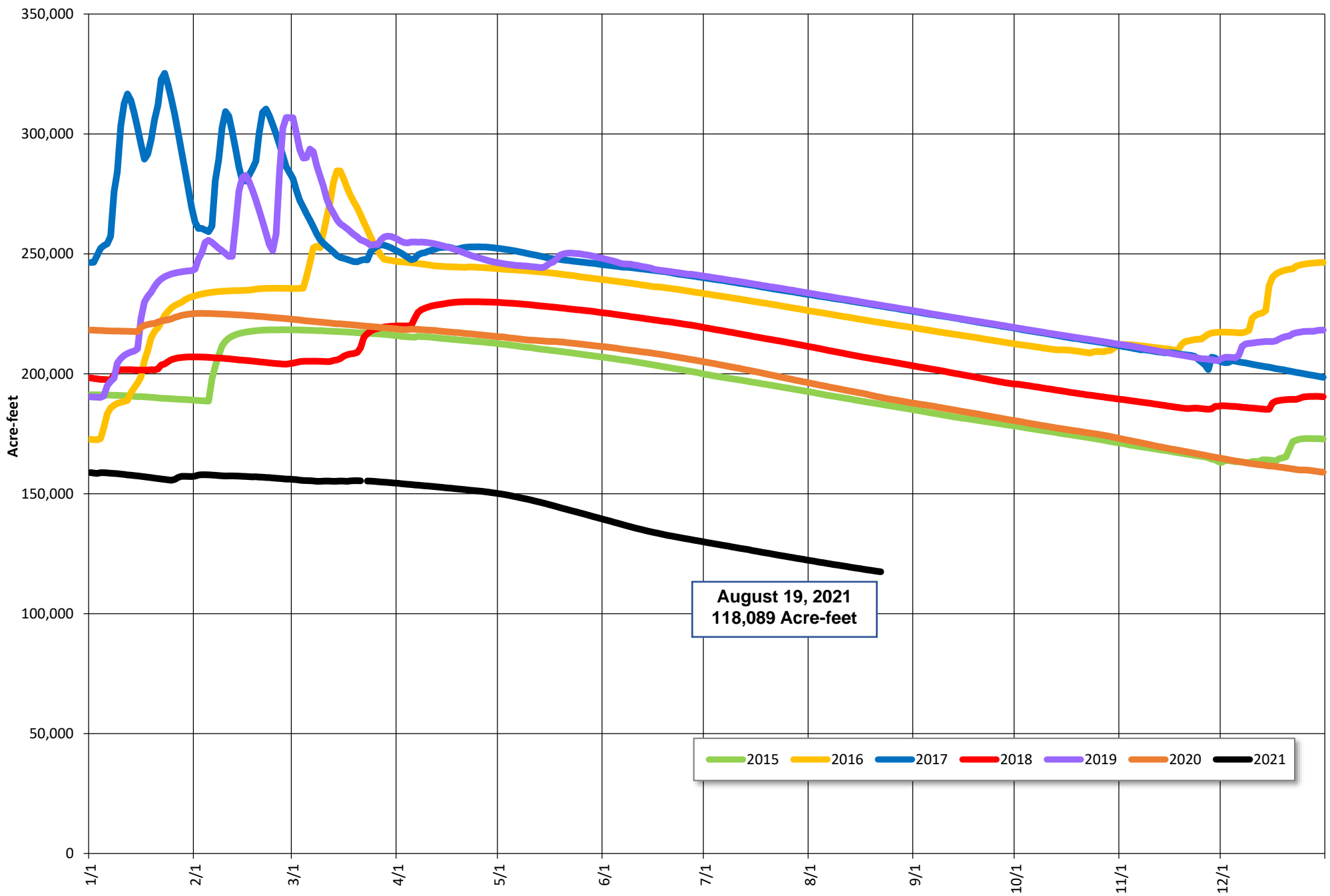
Storage (acre-feet)	August 19, 2021	21,133	
		Total	Average Daily Rate
Change in Storage (acre-feet)	Last 30 days	-6,101	-203
	Last 7 days	-1,114	-159
Daily Inflow (cfs)	Last 7 days	Min	7
		Max	21
		Mean	14
Release (cfs)	Last 7 days	Min	94
		Max	105
		Mean	99

Lake Sonoma



Nathan Baskett, March 3 , 2011

Lake Sonoma Storage 2015-2021



Storage (acre-feet)	August 19, 2021	118,089	
		Total	Average Daily Rate
Change in Storage (acre-feet)	Last 30 days	-7,015	-234
	Last 7 days	-1,313	-188
Daily Inflow (cfs)	Last 7 days	Min	0
		Max	10
		Mean	0
Release (cfs)	Last 7 days	Min	83
		Max	94
		Mean	89

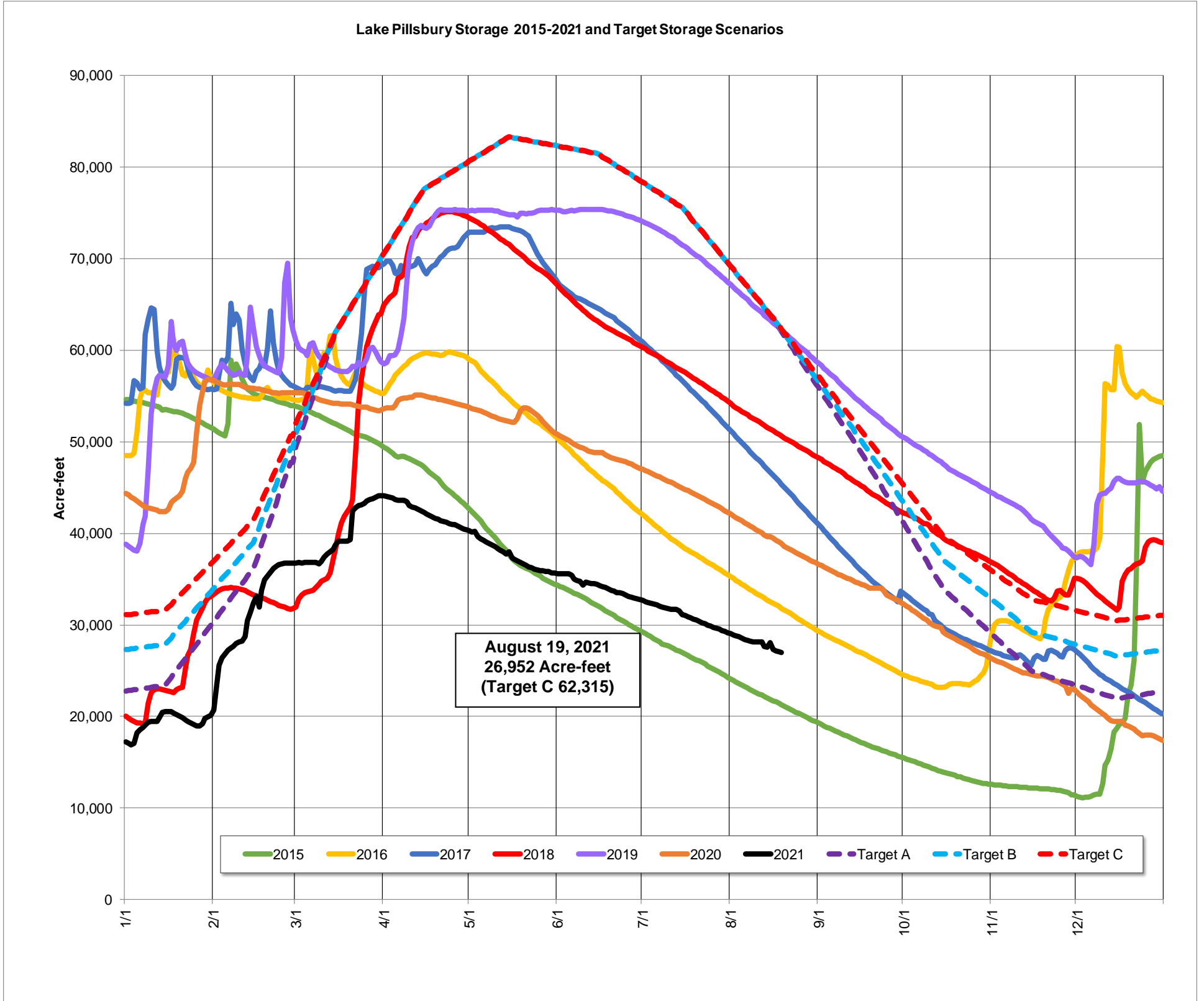
Potter Valley Project

PVP Diversion (cfs)	August 19, 2021	32
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Lake Pillsbury

Parameter	Date Range	Cumulative	Daily Average
Inflow* (acre-feet)	October 1, 2020 - August 19, 2021	84,255	262
	Last 7 days	654	93

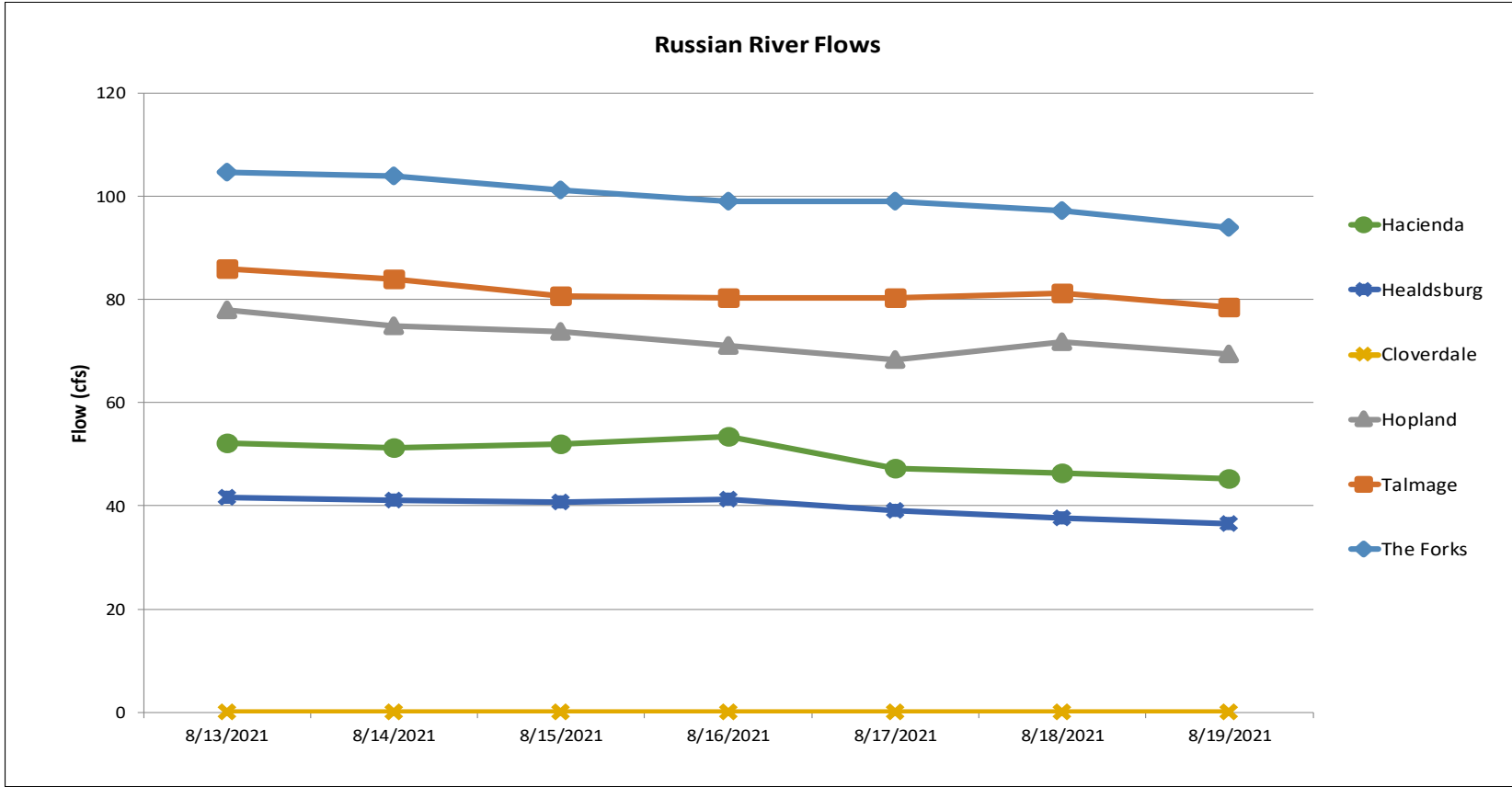
*Inflow calculation based on criteria established in D1610



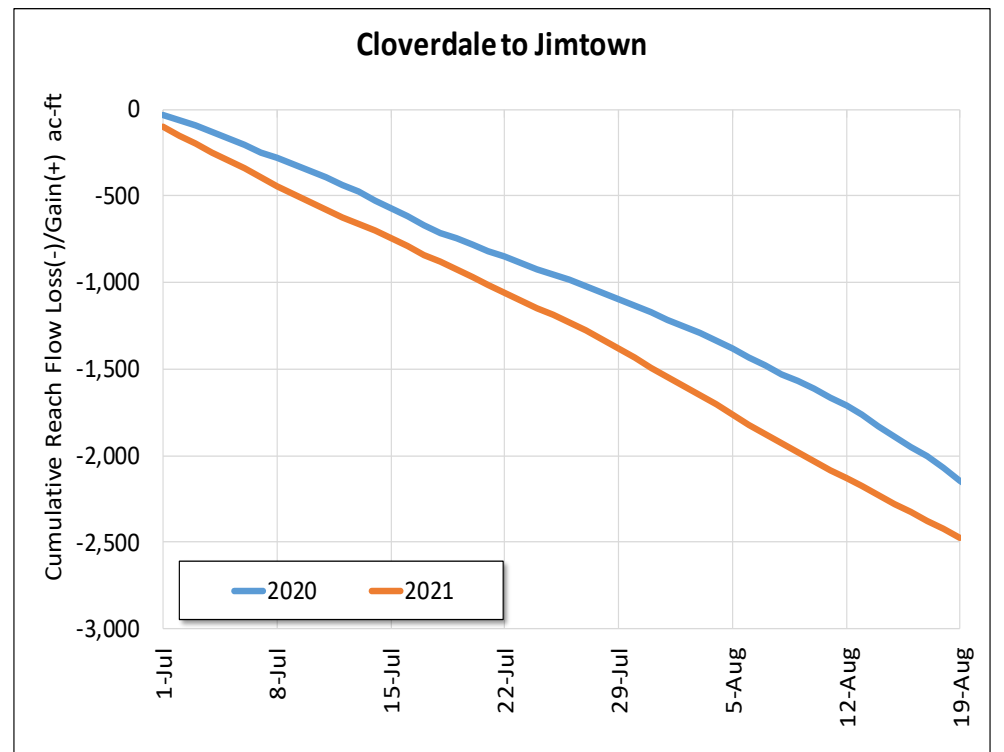
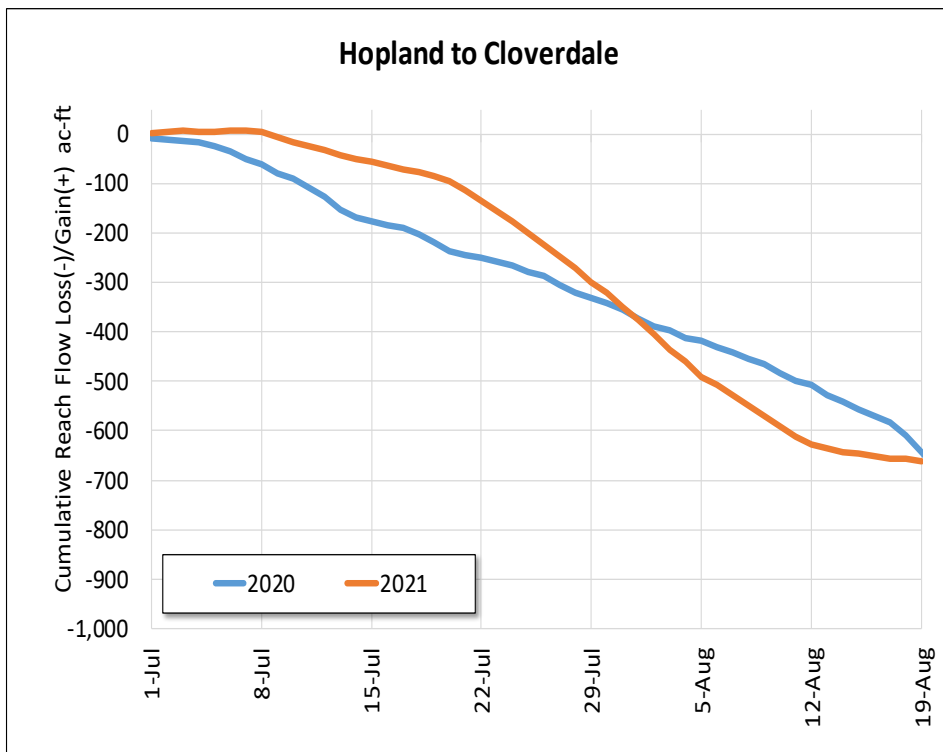
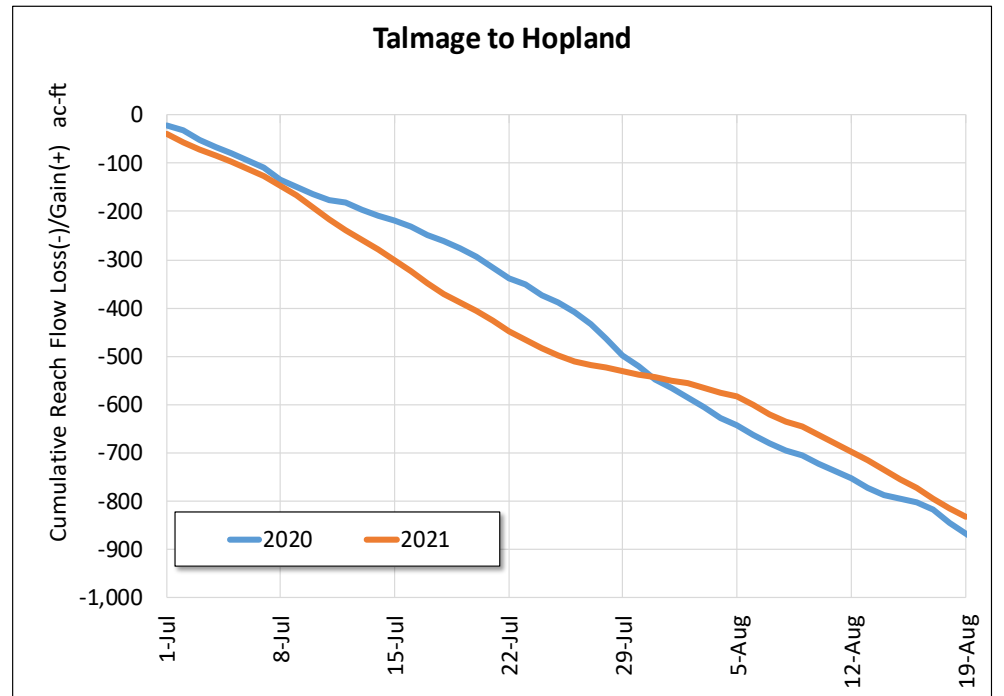
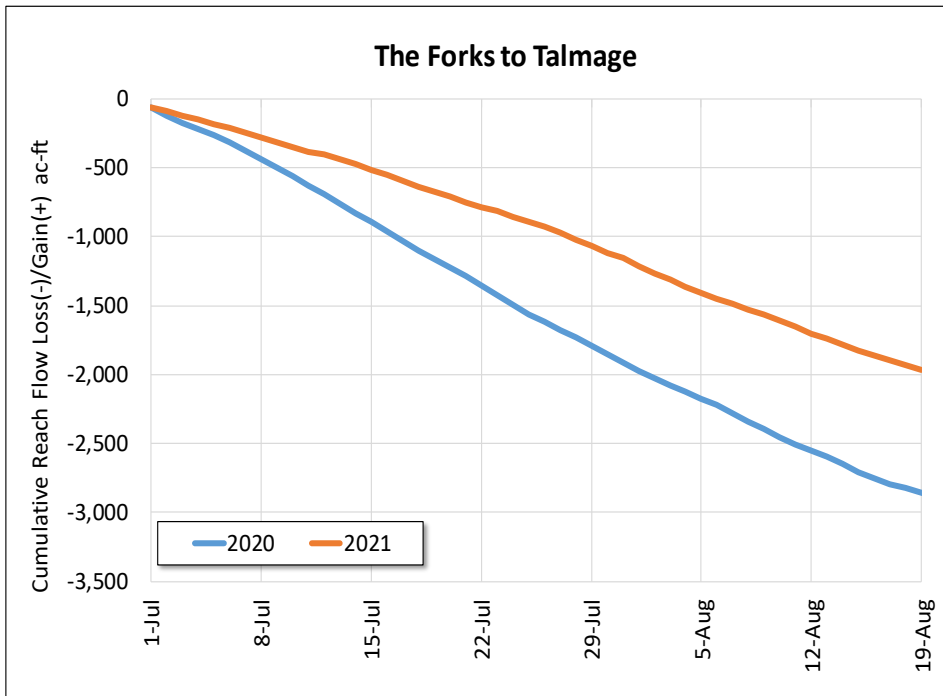
Russian River Flows (August 13 - August 19, 2021)

Gage	24-hr Average Flow (cfs)						
	Aug 13, 2021	Aug 14, 2021	Aug 15, 2021	Aug 16, 2021	Aug 17, 2021	Aug 18, 2021	Aug 19, 2021
The Forks*	105	104	101	99	99	97	94
Talmage USGS 11462080	86	84	81	80	80	81	79
Hopland USGS 11462500	78	75	74	71	68	72	70
Cloverdale USGS 11463000	N/D	N/D	N/D	N/D	N/D	N/D	N/D
Healdsburg USGS 11464000	42	41	41	41	39	38	37
Hacienda USGS 11467000	52	51	52	53	47	46	45

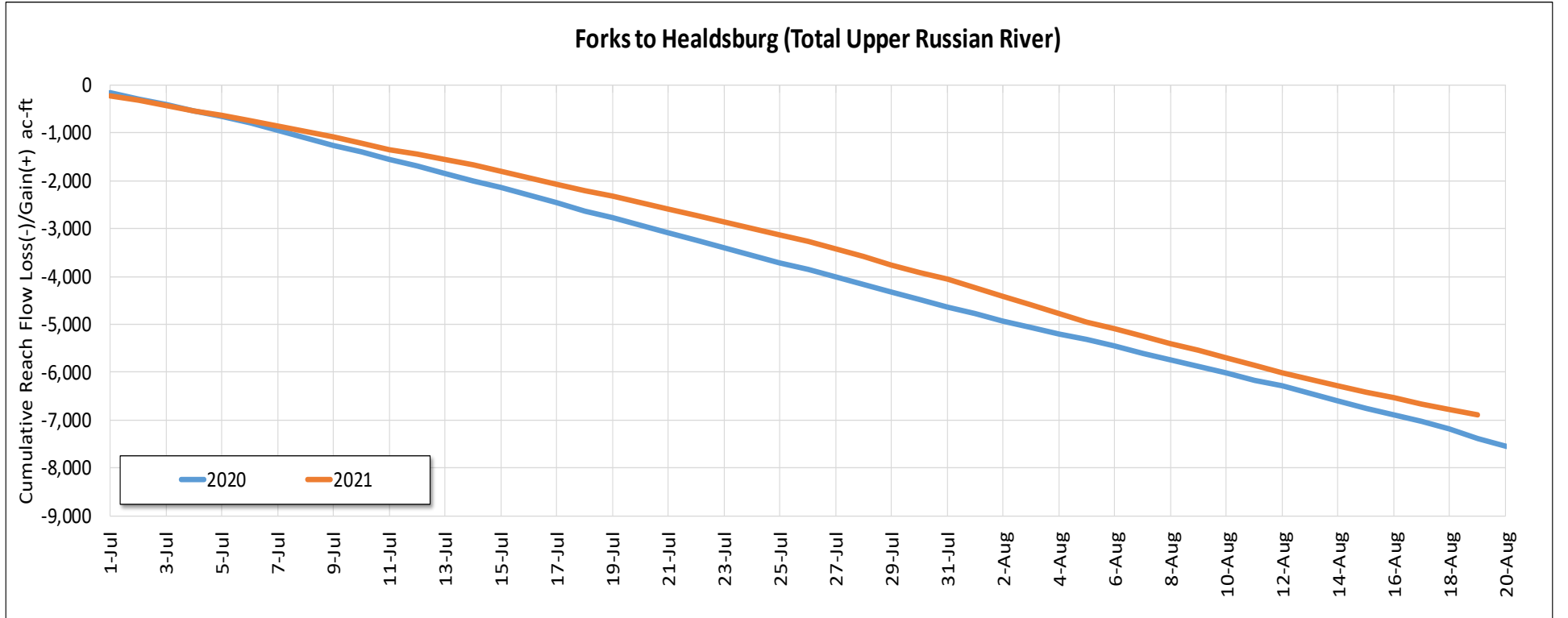
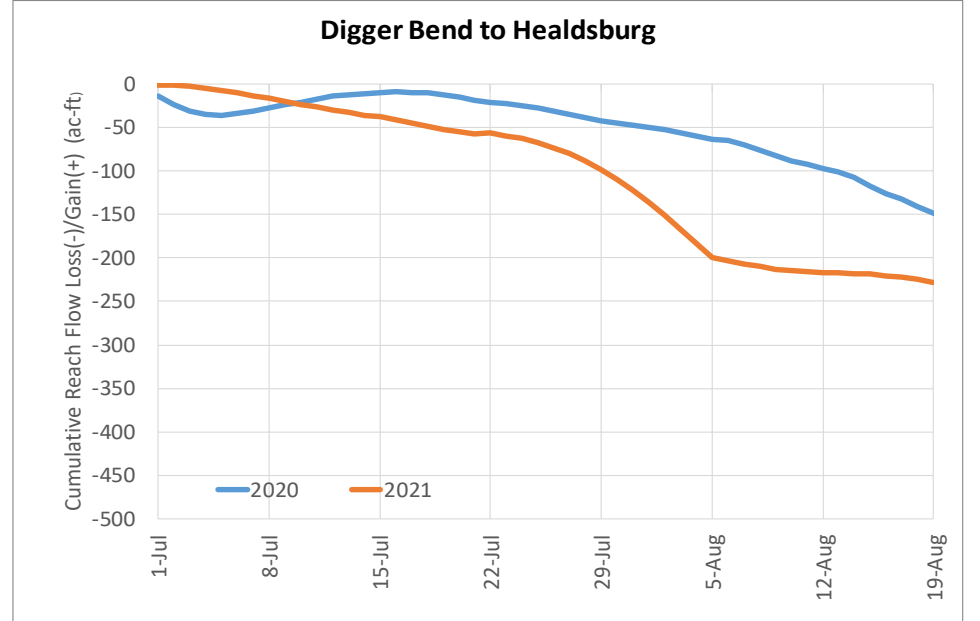
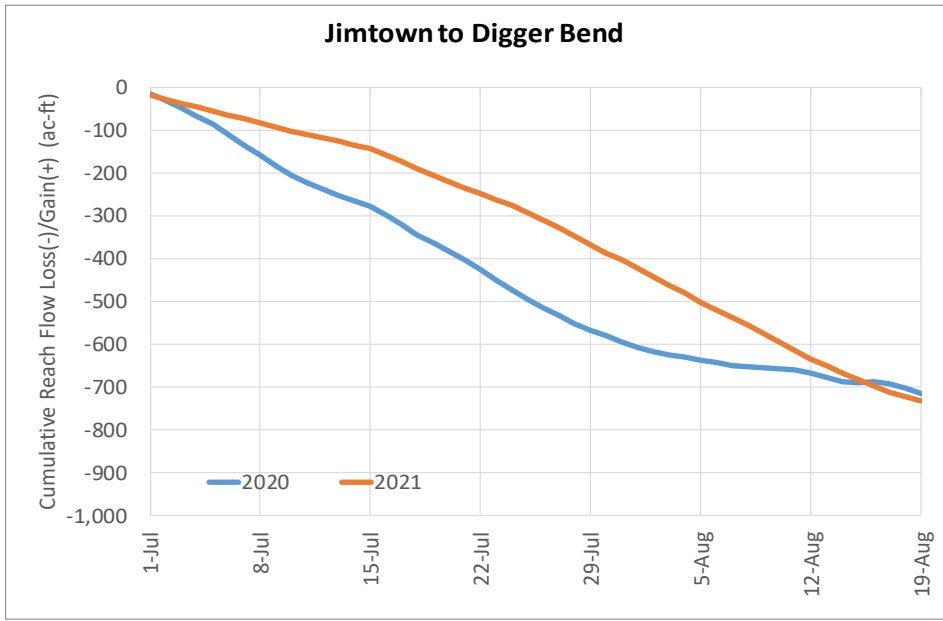
*West Fork (USGS 11461000) + East Fork (Coyote Valley Dam Release)



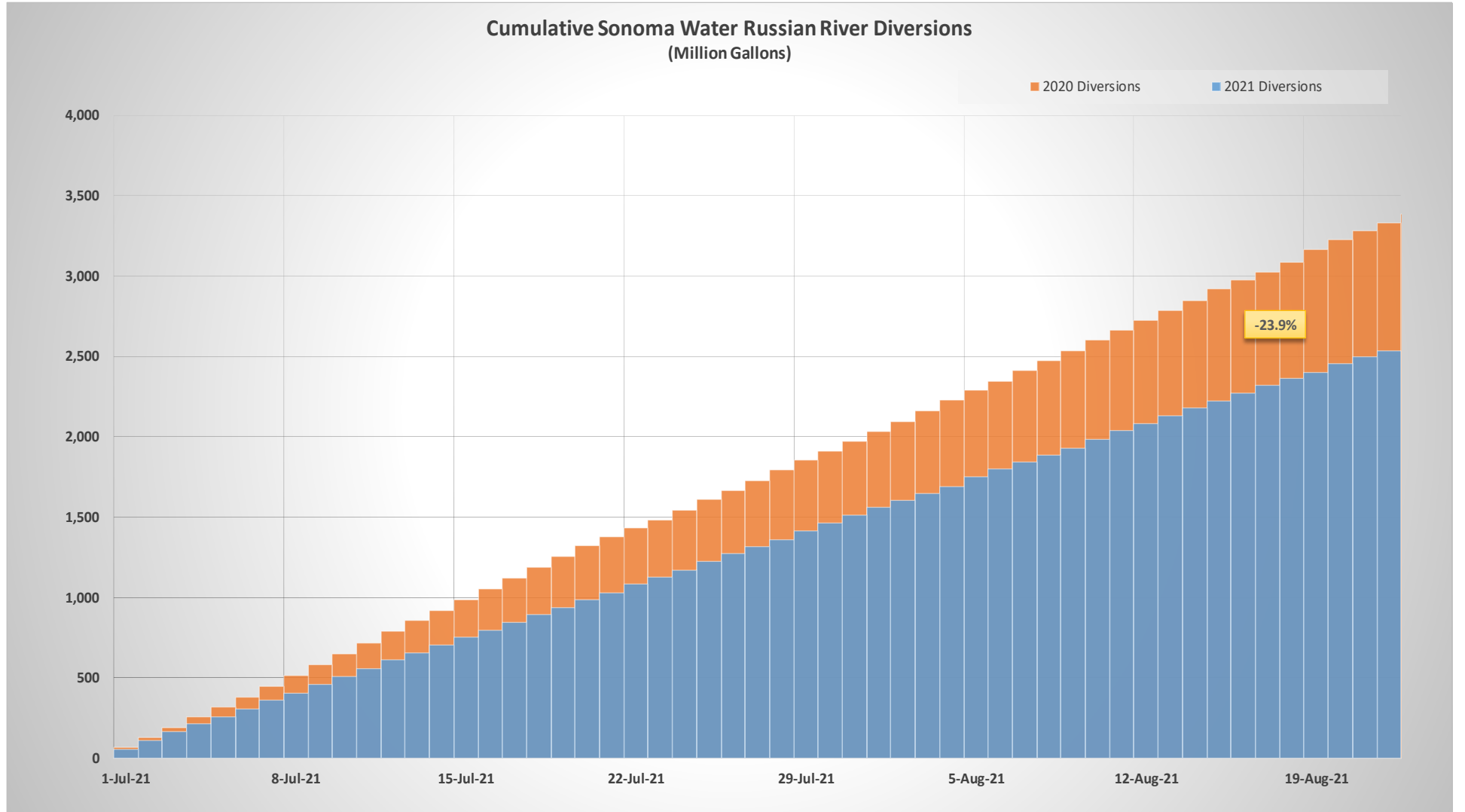
Upper Russian River Flow Gain/Loss (July 1 - August 19, 2021)



Upper Russian River Flow Gain/Loss (July 1 - August 19, 2021)

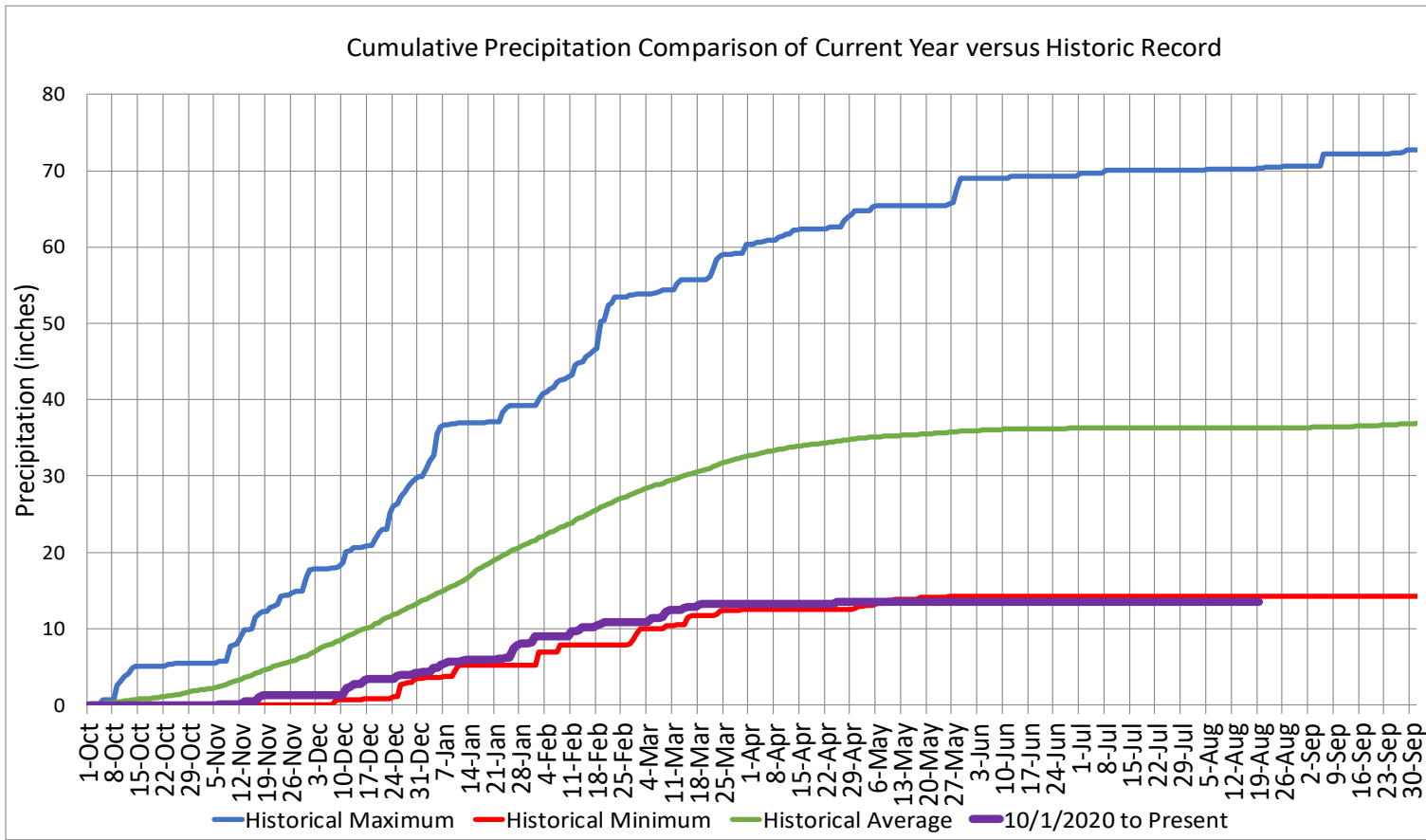


Sonoma Water River Diversions (July 1 - August 19, 2021)



Precipitation

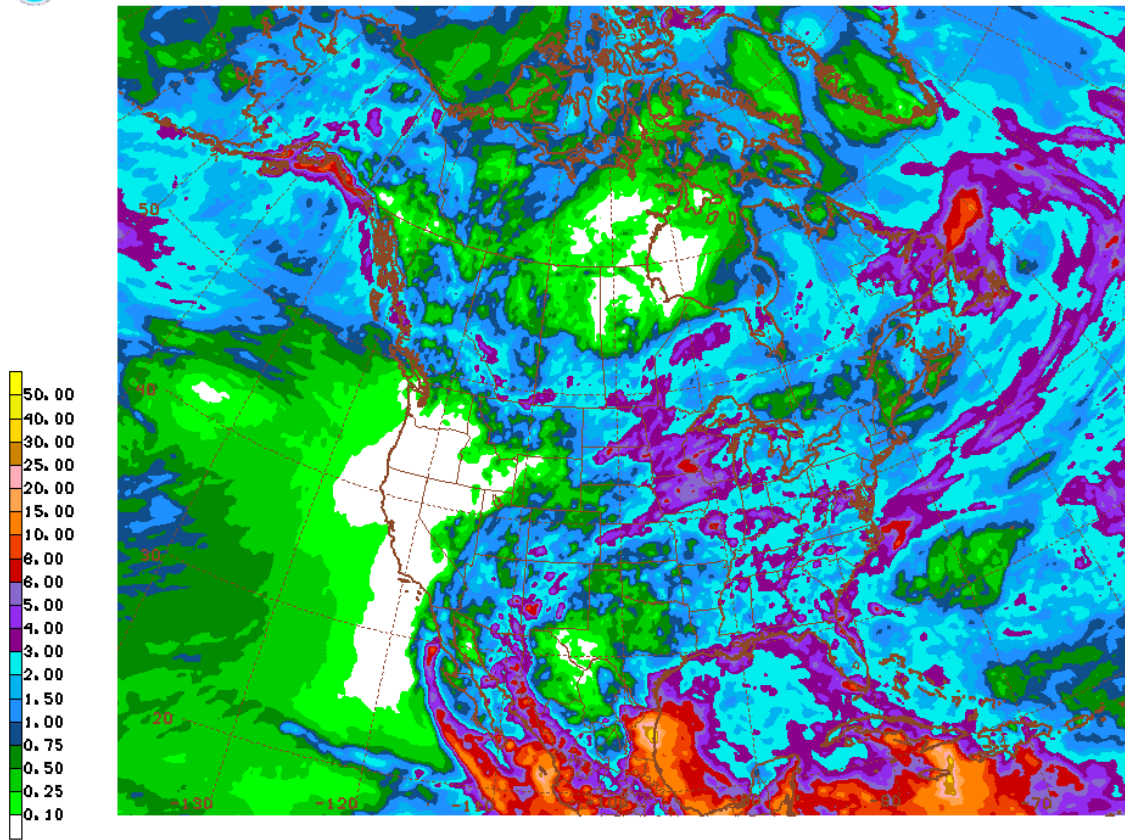
Ukiah Municipal Airport (WBAN: 72590523275 (KUKI))	
Date Range	Cumulative (inches)
Oct 1, 2020 - Aug 19, 2021	13.48
Last 7 Days*	0.00



Global Forecast System Model 16-day Cumulative Precipitation Forecast



GFS 08/23/21 12UTC 384HR FCST VALID MED 09/08/21 12UTC NOAA/NWS/NCEP



GFS MED 210908/1200V384 384HR ACCUMULATED PRECIP (IN)
 Date Range: Aug 23 - Sep 8, 2021
 Forecasted Cumulative (inches): **0.0**