



Sonoma Water

**State Water Resources Control Board
 Temporary Urgency Change Order (6/14/2021)
 Russian River Hydrologic Report
 November 26, 2021 - December 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).

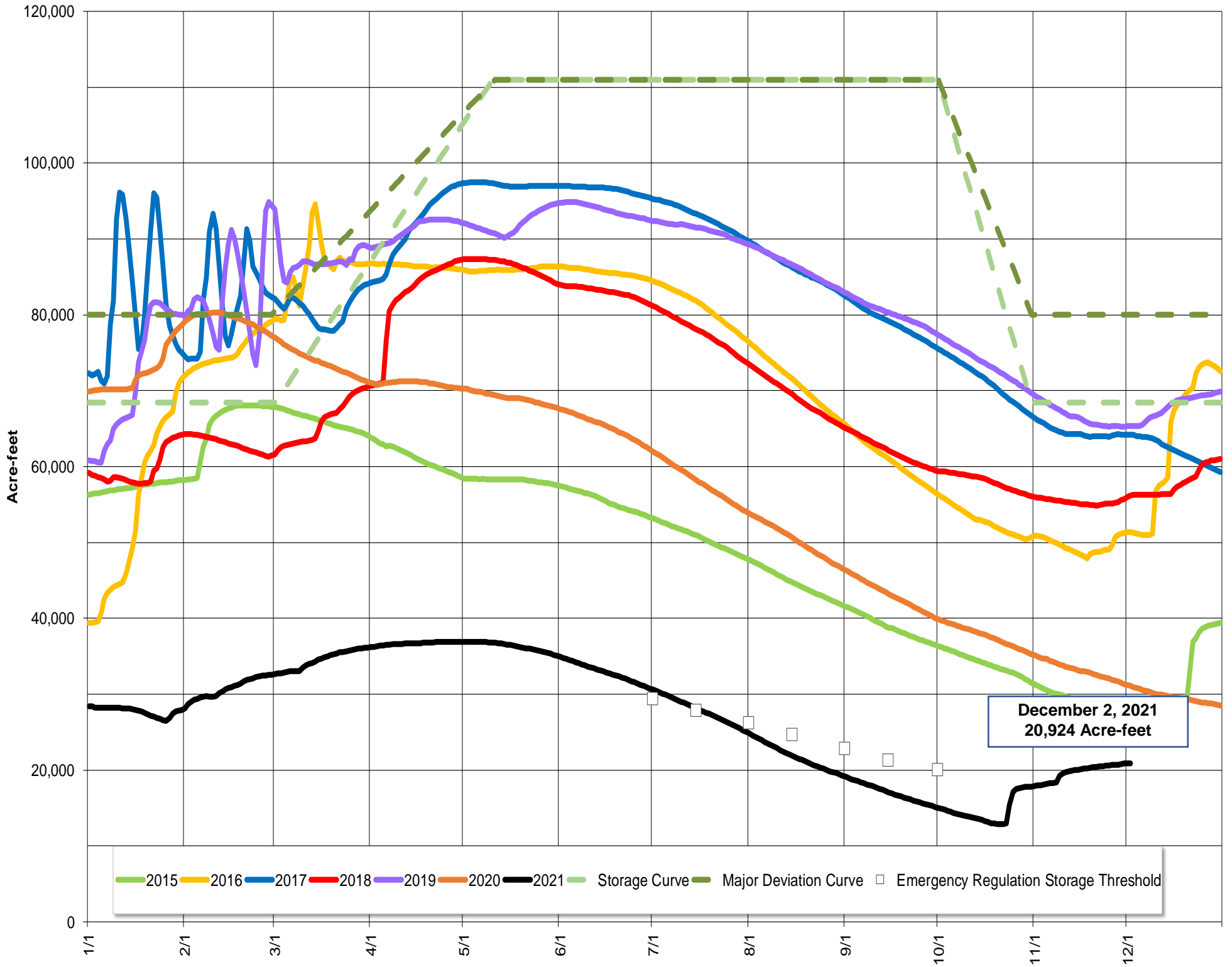
Instream Flow Requirements as of December 2, 2021

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

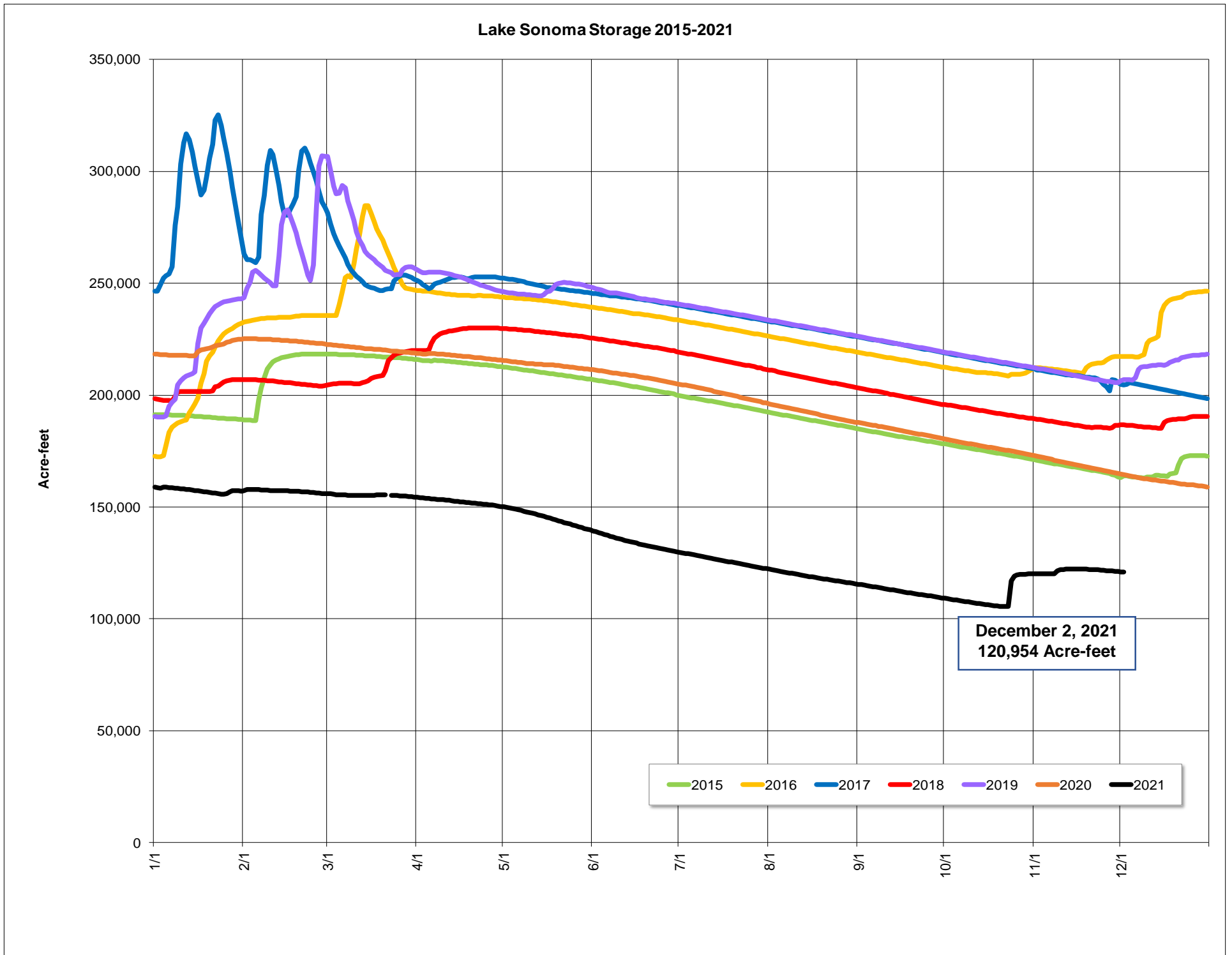


Storage (acre-feet)	December 2, 2021	20,924	
		Total	Average Daily Rate
Change in Storage (acre-feet)	Last 30 days	2,957	99
	Last 7 days	283	40
Daily Inflow (cfs)	Last 7 days	Min	52
		Max	58
		Mean	55
Release (cfs)	Last 7 days	Min	29
		Max	31
		Mean	30

Lake Sonoma



Nathan Baskett, March 3, 2011



Storage (acre-feet)	December 2, 2021	120,954	
Change in Storage (acre-feet)	Last 30 days	Total	Average Daily Rate
		753	25
Change in Storage (acre-feet)	Last 7 days	-625	-89
Daily Inflow (cfs)	Last 7 days	Min	19
		Max	28
		Mean	24
Release (cfs)	Last 7 days	Min	75
		Max	75
		Mean	76

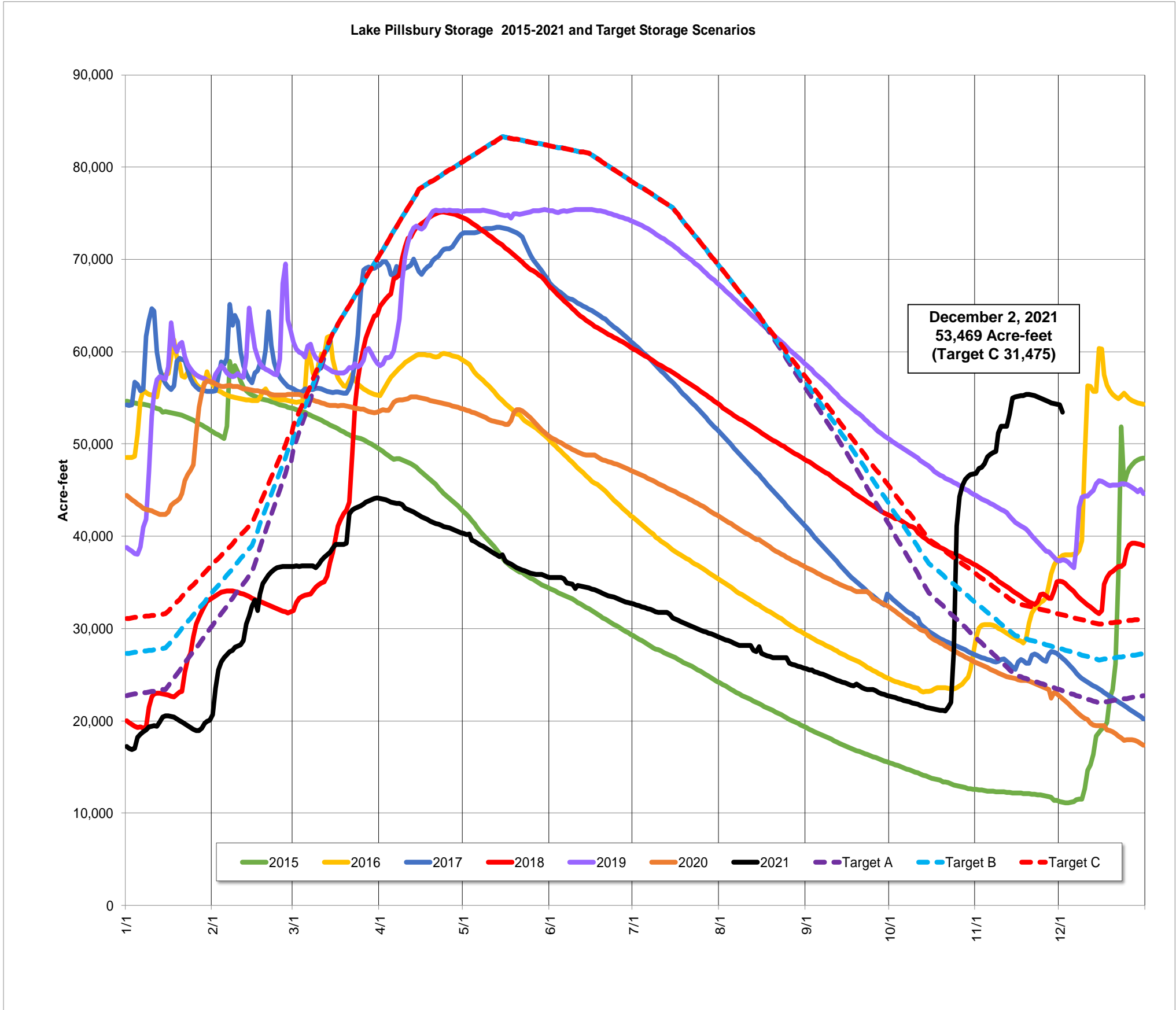
Potter Valley Project

PVP Diversion (cfs)	December 2, 2021	46
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Lake Pillsbury

Parameter	Date Range	Cumulative	Daily Average
Inflow* (acre-feet)	October 1, 2021 - December 2, 2021	48,756	774
	Last 7 days	1,431	204

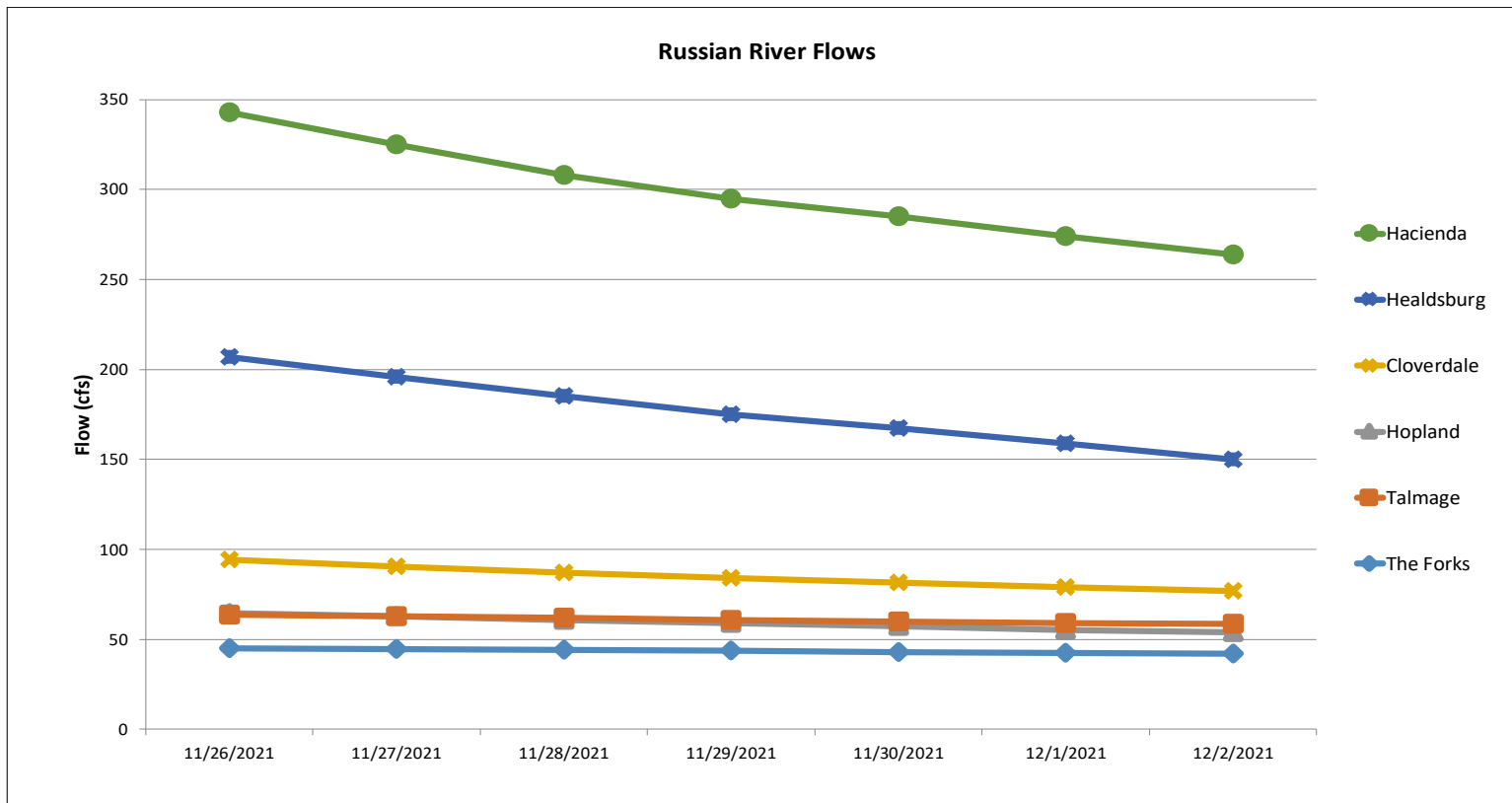
*Inflow calculation based on criteria established in D1610



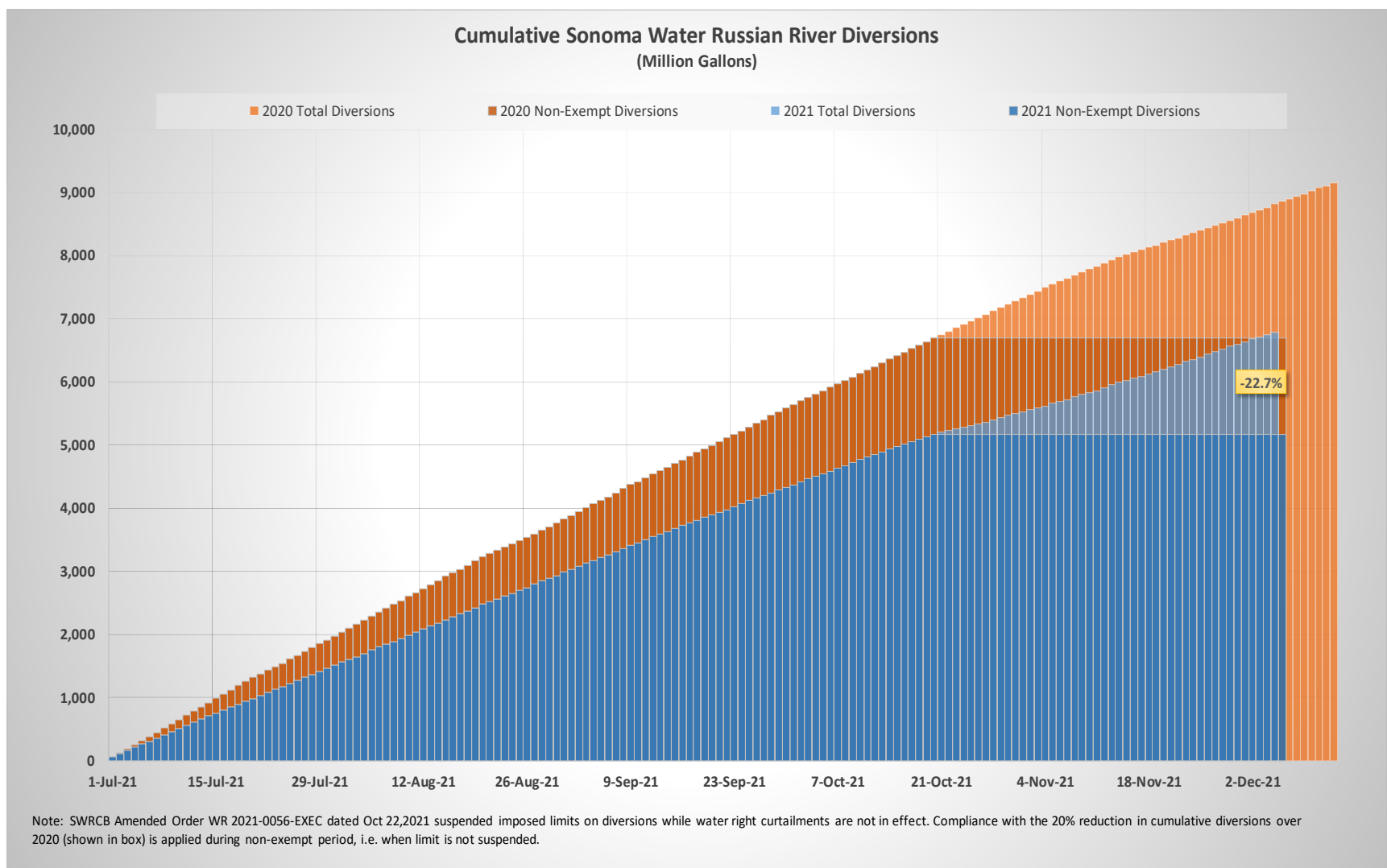
Russian River Flows (November 26 - December 2, 2021)

Gage	24-hr Average Flow (cfs)						
	Nov 26, 2021	Nov 27, 2021	Nov 28, 2021	Nov 29, 2021	Nov 30, 2021	Dec 1, 2021	Dec 2, 2021
The Forks*	45	45	44	44	43	43	42
Talmage USGS 11462080	64	63	62	61	60	59	58
Hopland USGS 11462500	65	63	61	59	57	55	54
Cloverdale USGS 11463000	94	91	87	84	81	79	77
Healdsburg USGS 11464000	207	196	185	175	167	159	150
Hacienda USGS 11467000	343	325	308	295	285	274	264

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

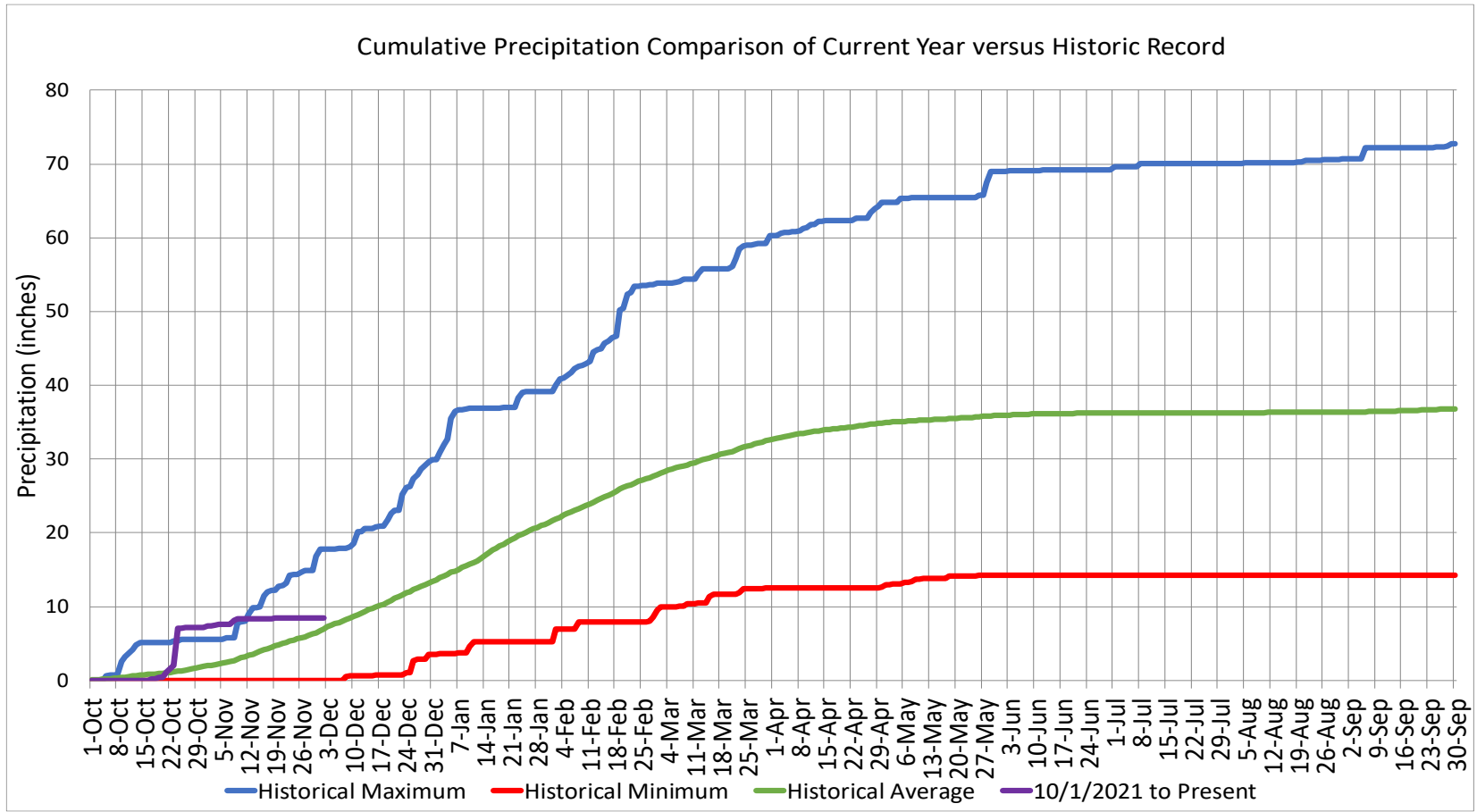


Sonoma Water River Diversions (July 1 - December 2, 2021)



Precipitation

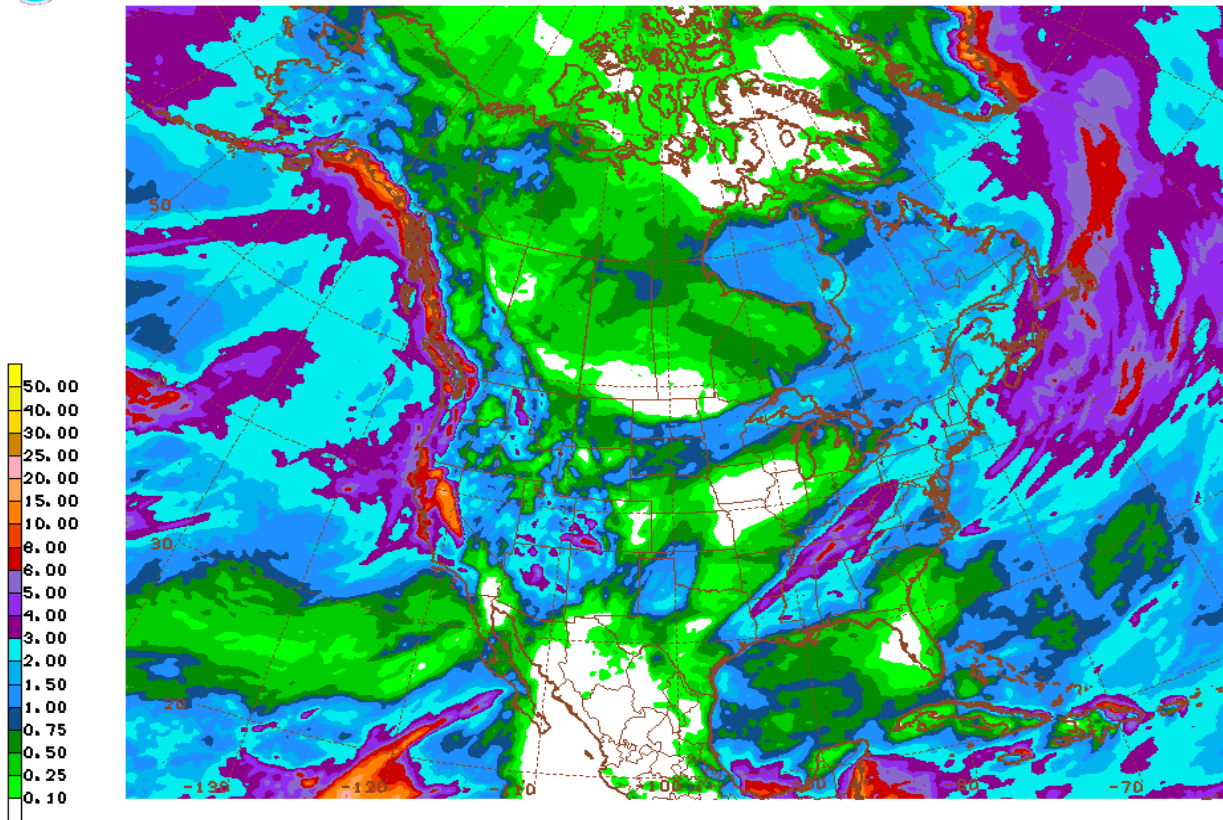
Ukiah Municipal Airport (WBAN: 72590523275 (KUKI))	
Date Range	Cumulative (inches)
Oct 1, 2021 - Dec 2, 2021	8.48
Last 7 Days*	0.00



Global Forecast System Model 16-day Cumulative Precipitation Forecast



GFS 12/06/21 12UTC 384HR FCST VALID WED 12/22/21 12UTC NOAA/NWS/NCEP



GFS WED 211222/1200V384 384HR ACCUMULATED PRECIP (IN)

Date Range	Forecasted Cumulative (inches)
Dec 6 - Dec 22, 2021	5.2