



State Water Resources Control Board  
 Temporary Urgency Change Order (6/17/2022)  
 Russian River Hydrologic Report  
 June 17, 2022 - June 23, 2022

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).

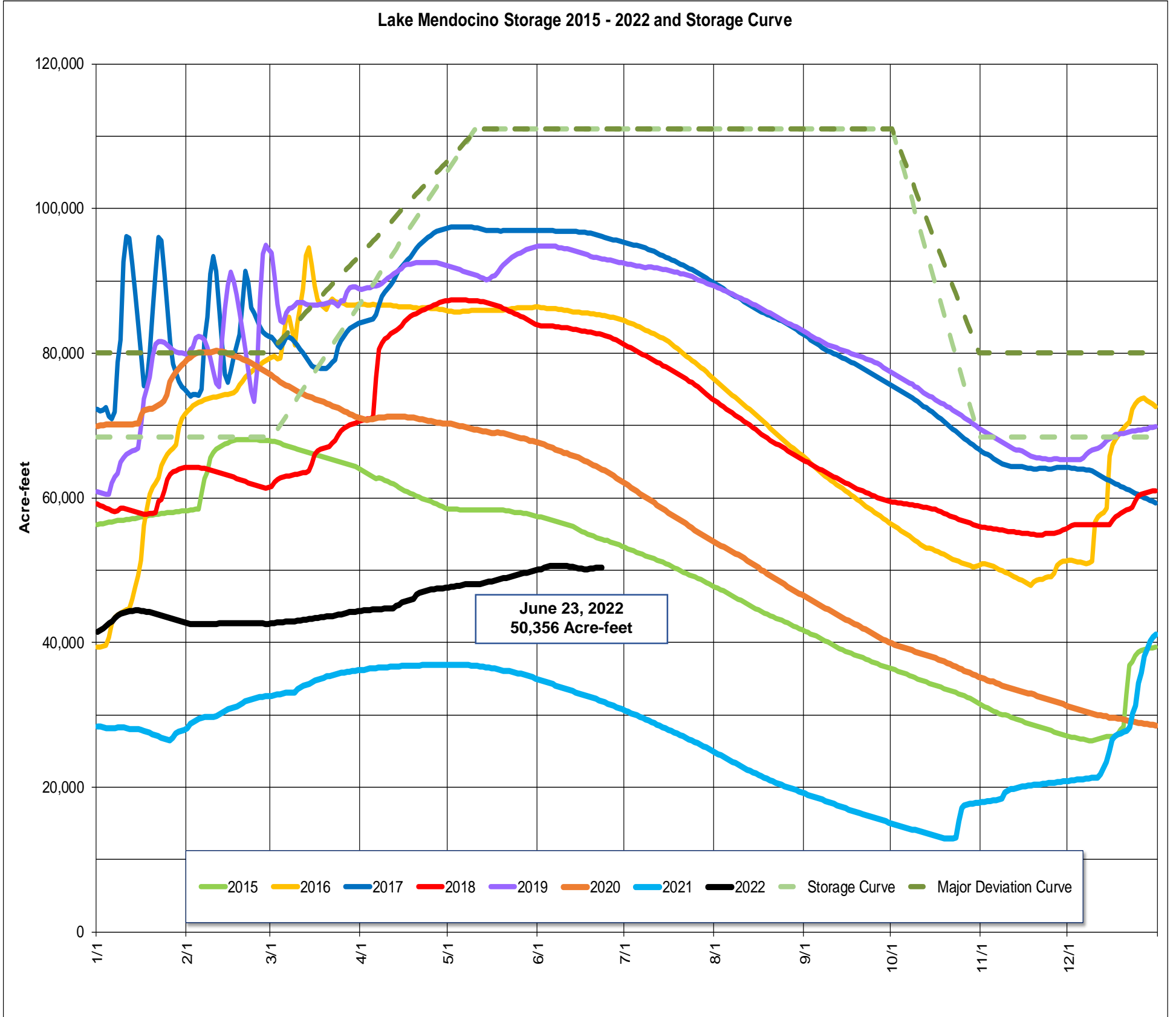
**Instream Flow Requirements as of June 23, 2022**

Basis	Reach	Instantaneous (cfs)	5-day Average (cfs)
Modified Per Order: Critical Condition	Upper Russian River	15	25
D-1610: Normal Condition	Dry Creek	80	-
Modified Per Order: Critical Condition	Lower Russian River	25	35

Upper and Lower Russian River based on criteria as established in the Order issued 6/17/2022.

**Lake Mendocino**

Lake Mendocino Storage 2015 - 2022 and Storage Curve



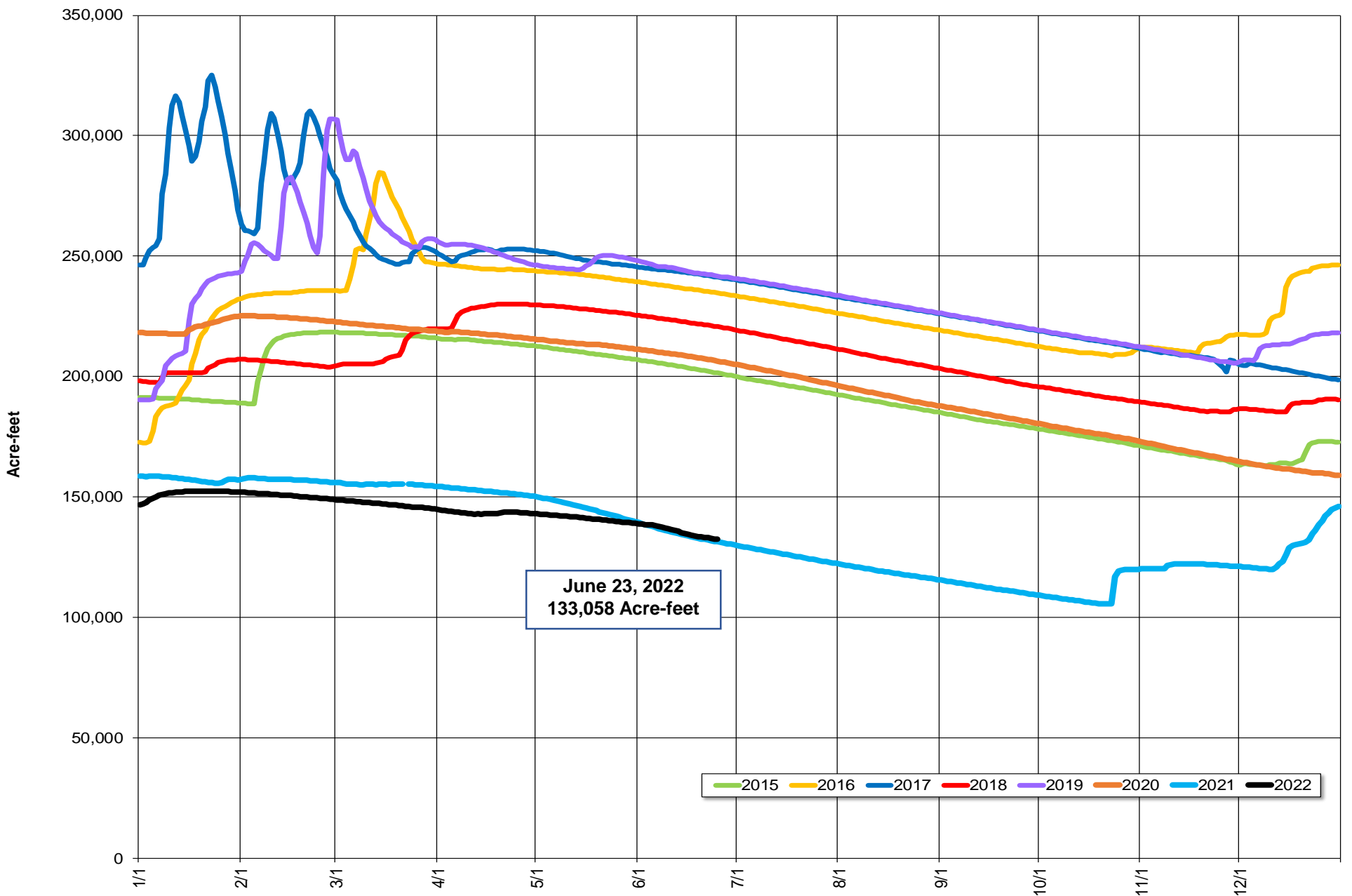
Storage (acre-feet)	June 23, 2022	<b>50,356</b>	
		Total	Average Daily Rate
Change in Storage (acre-feet)	Last 30 days	<b>1,127</b>	<b>38</b>
	Last 7 days	<b>166</b>	<b>24</b>
Daily Inflow (cfs)	Last 7 days	Min	<b>84</b>
		Max	<b>106</b>
		Mean	<b>91</b>
Release (cfs)	Last 7 days	Min	<b>48</b>
		Max	<b>119</b>
		Mean	<b>73</b>

# Lake Sonoma



Nathan Baskett, March 3, 2011

Lake Sonoma Storage 2015-2022



Storage (acre-feet)	June 23, 2022	<b>133,058</b>	
		Total	Average Daily Rate
Change in Storage (acre-feet)	Last 30 days	<b>-5,909</b>	<b>-197</b>
	Last 7 days	<b>-1,475</b>	<b>-211</b>
Daily Inflow (cfs)	Last 7 days	Min	<b>0</b>
		Max	<b>6</b>
		Mean	<b>-5</b>
Release (cfs)	Last 7 days	Min	<b>75</b>
		Max	<b>162</b>
		Mean	<b>112</b>

# Potter Valley Project

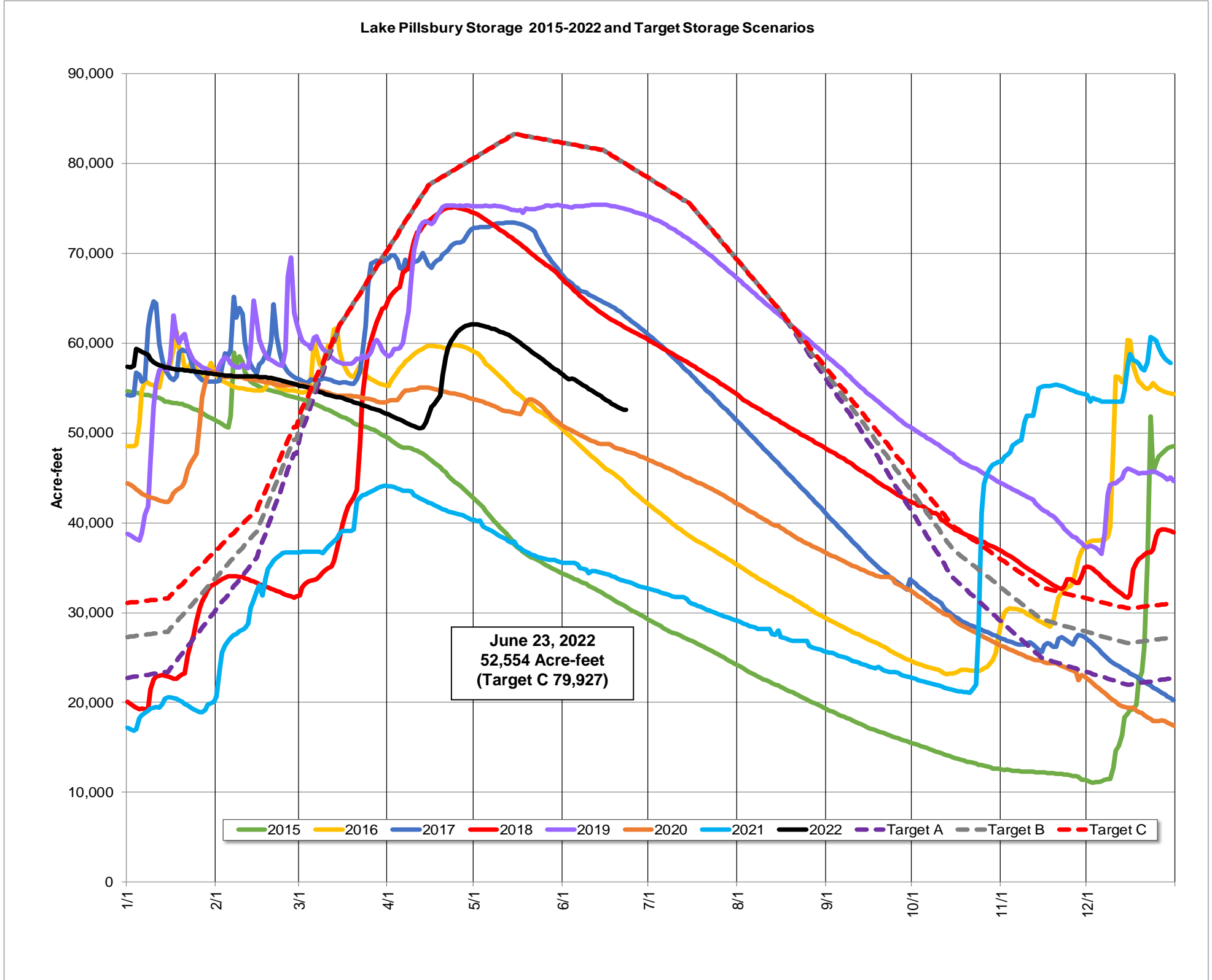
PVP Diversion (cfs)	June 23, 2022	115
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## Lake Pillsbury

Parameter	Date Range	Cumulative	Daily Average
Inflow* (acre-feet)	October 1, 2021 - June 23, 2022	231,980	875
	Last 7 days	762	109

\*Inflow calculation based on criteria established in D1610

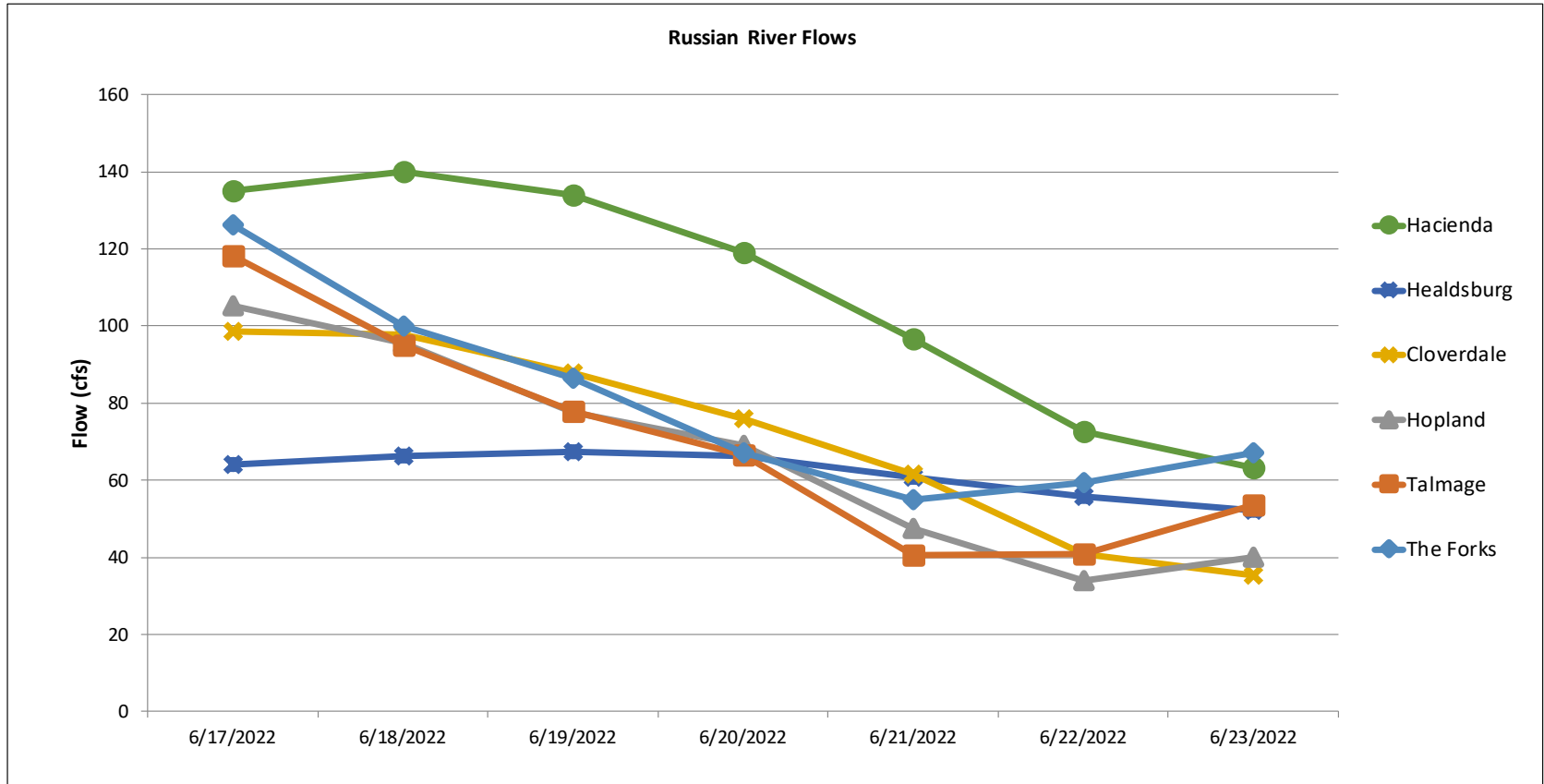
Lake Pillsbury Storage 2015-2022 and Target Storage Scenarios



### Russian River Flows (June 17, 2022 - June 23, 2022)

Gage	24-hr Average Flow (cfs)						
	Jun 17, 2022	Jun 18, 2022	Jun 19, 2022	Jun 20, 2022	Jun 21, 2022	Jun 22, 2022	Jun 23, 2022
The Forks*	126	100	86	67	55	59	67
Talmage USGS 11462080	118	95	78	67	41	41	53
Hopland USGS 11462500	105	95	78	69	47	34	40
Cloverdale USGS 11463000	99	98	88	76	62	41	35
Healdsburg USGS 11464000	64	66	68	66	61	56	52
Hacienda USGS 11467000	135	140	134	119	97	73	63

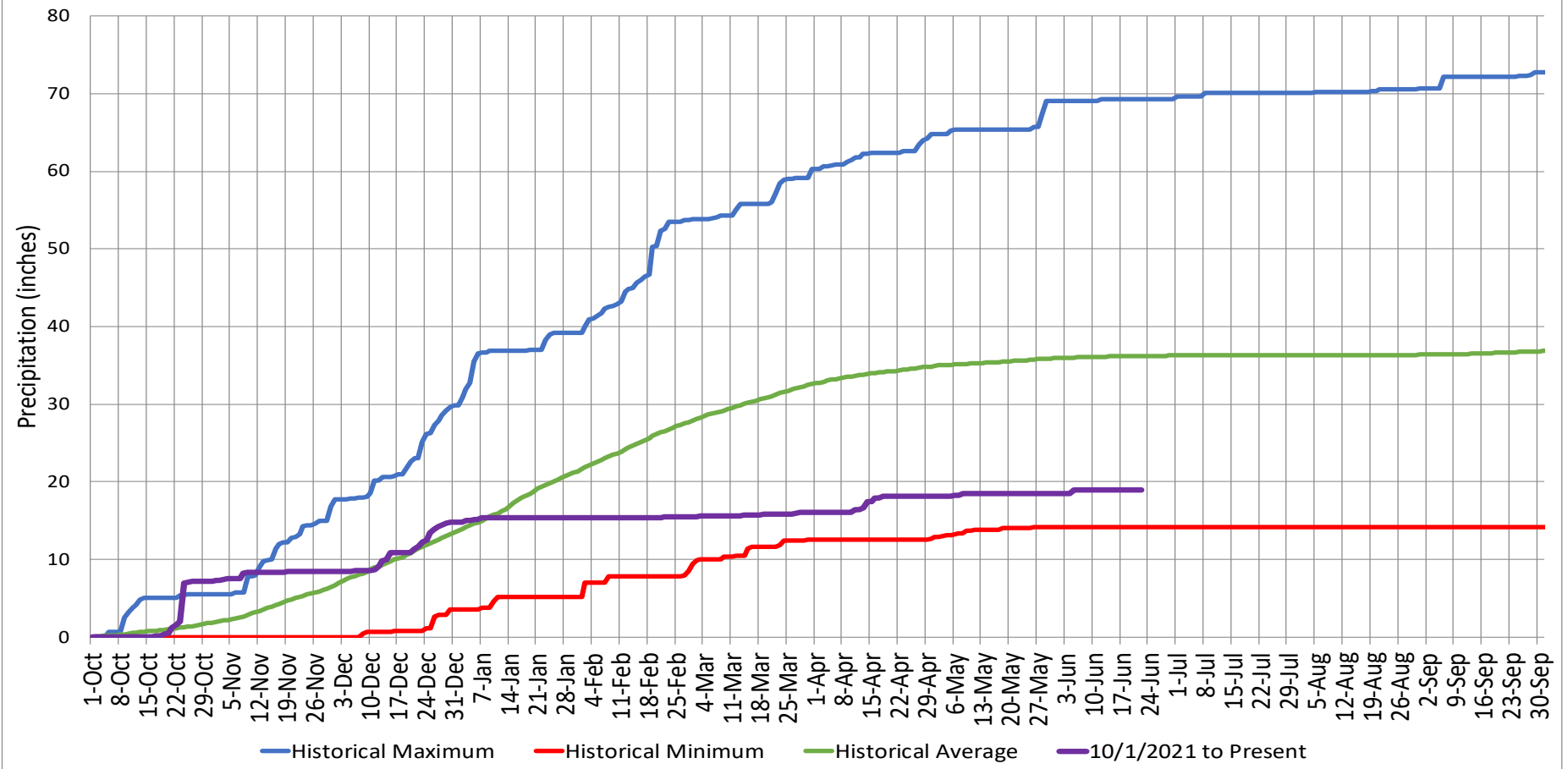
\*West Fork(USGS 11461000) + East Fork (Coyote Valley Dam Release)



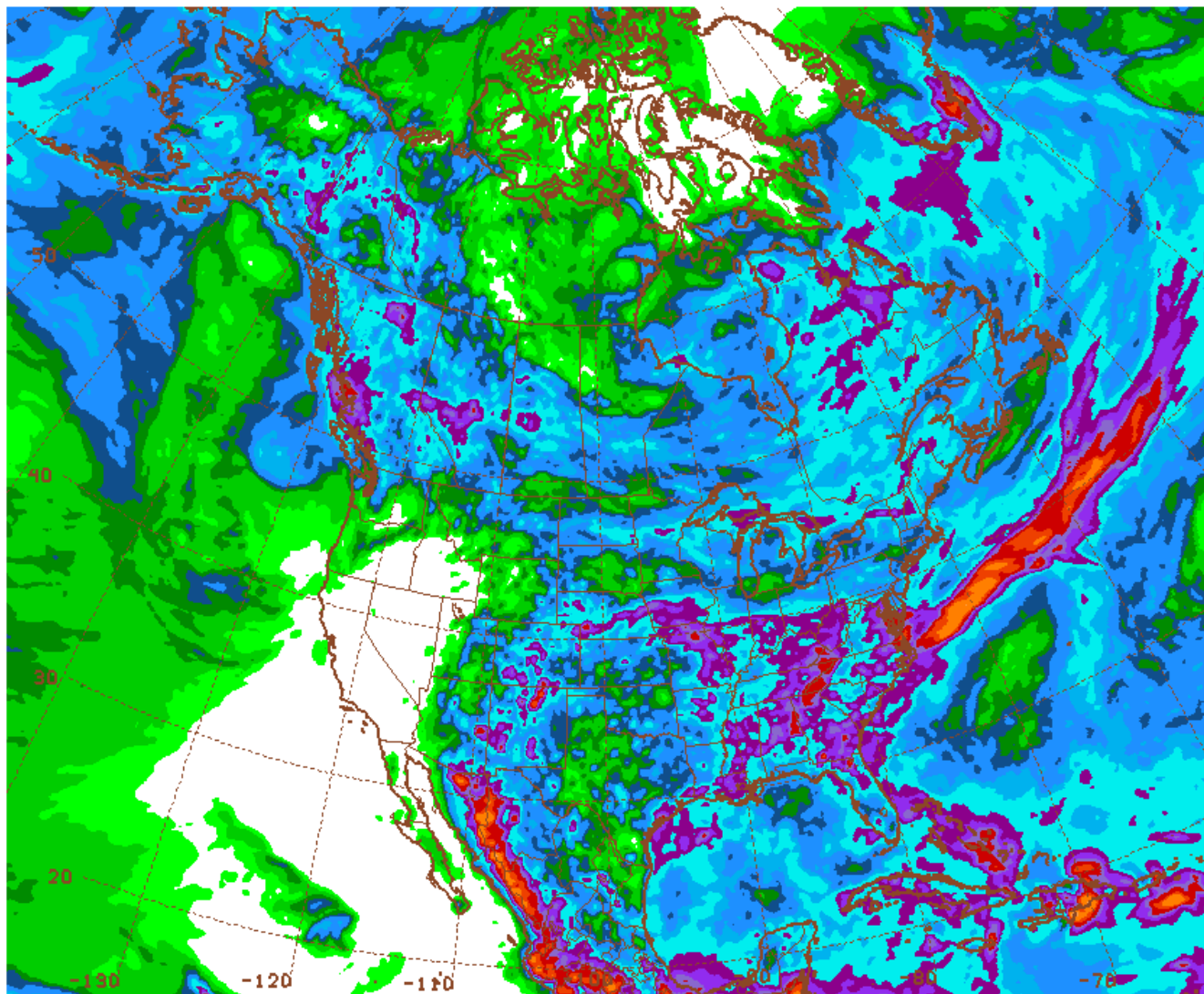
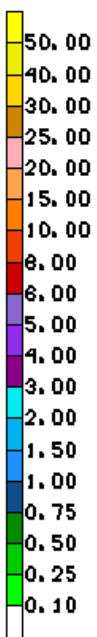
### Precipitation

Ukiah Municipal Airport (WBAN: 72590523275 (KUKI))	
Date Range	Cumulative (inches)
Oct 1, 2021 - Jun 23, 2022	19
Last 7 Days*	0.00

Cumulative Precipitation Comparison of Current Year versus Historic Record



GFS 06/27/22 12UTC 384HR FCST VALID WED 07/13/22 12UTC NOAA/NWS/NCEP



GFS WED 220713/1200V384 384HR ACCUMULATED PRECIP (IN)

Date Range	Forecasted Cumulative (inches)
Jun 27 - Jul 13, 2022	0.00