



**State Water Resources Control Board  
 Temporary Urgency Change Order (6/17/2022)  
 Russian River Hydrologic Report  
 August 26, 2022 - September 1, 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).

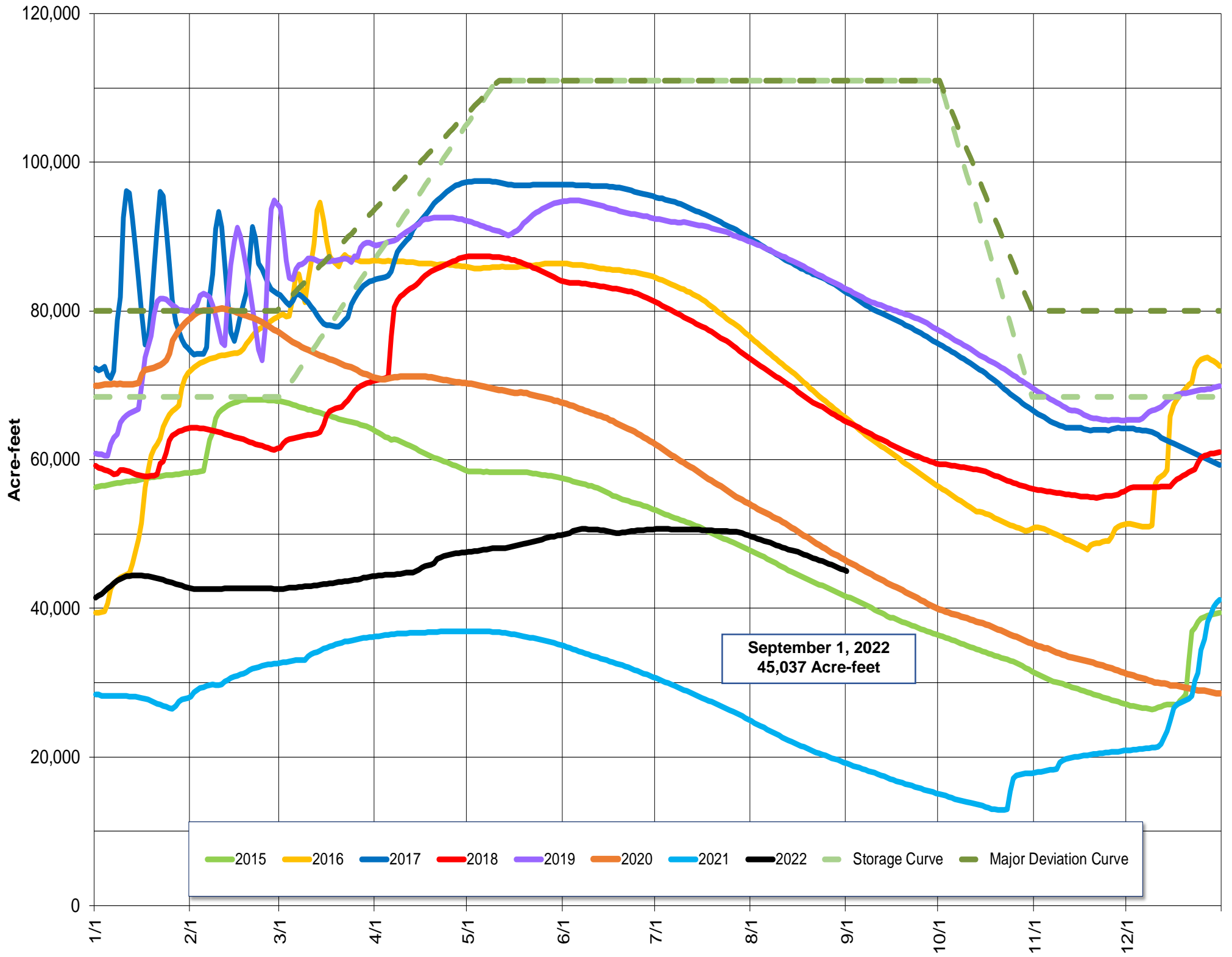
**Instream Flow Requirements as of September 1, 2022**

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

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**



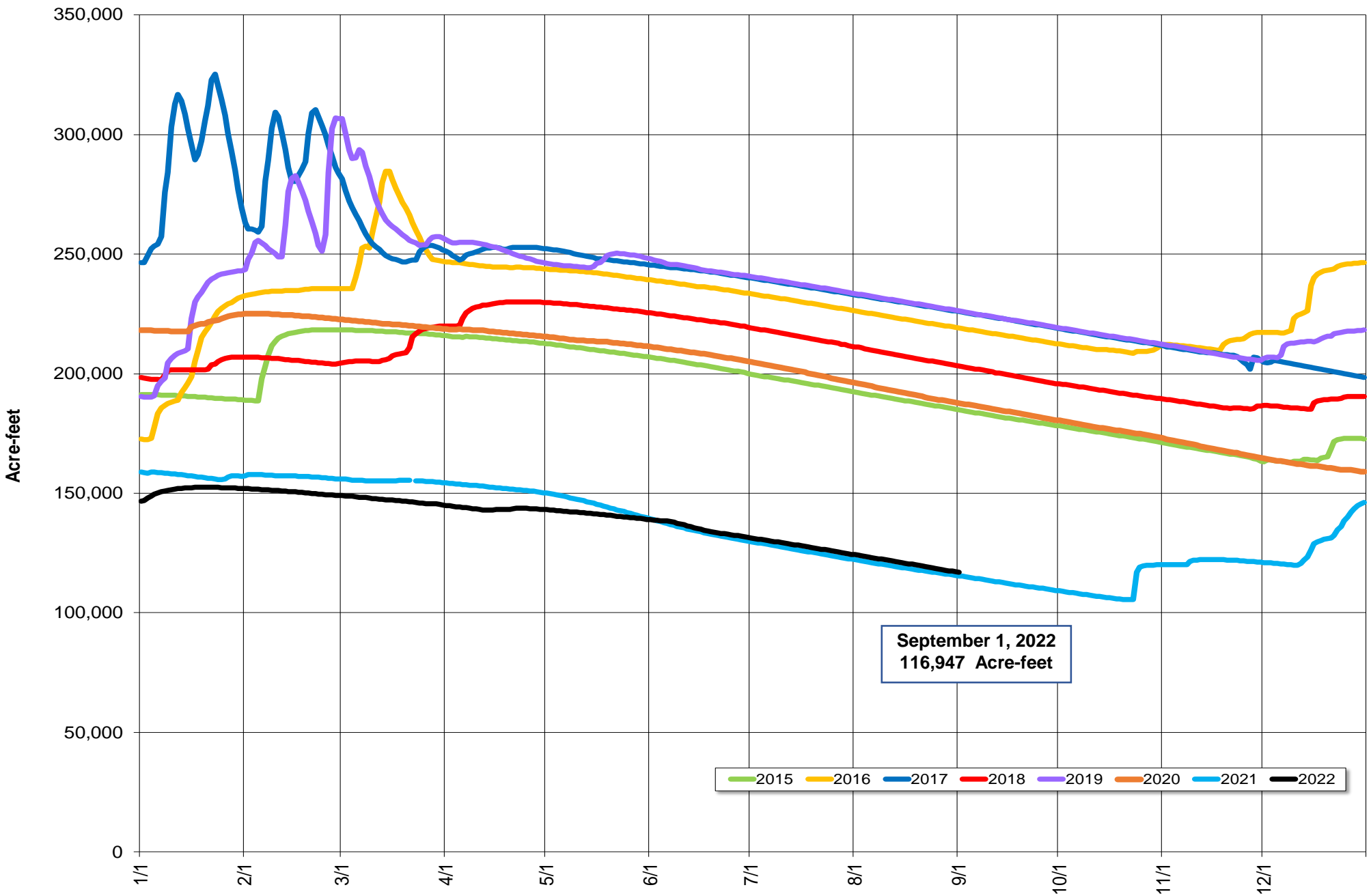
Storage (acre-feet)	September 1, 2022	<b>45,037</b>	
		Total	Average Daily Rate
Change in Storage (acre-feet)	Last 30 days	<b>-4,462</b>	<b>-149</b>
	Last 7 days	<b>-958</b>	<b>-137</b>
Daily Inflow (cfs)	Last 7 days	Min	<b>13</b>
		Max	<b>37</b>
		Mean	<b>21</b>
Release (cfs)	Last 7 days	Min	<b>89</b>
		Max	<b>89</b>
		Mean	<b>89</b>

# Lake Sonoma



Nathan Baskett, March 3, 2011

## Lake Sonoma Storage 2015-2022



Storage (acre-feet)	September 1, 2022	<b>116,947</b>	
		Total	Average Daily Rate
Change in Storage (acre-feet)	Last 30 days	<b>-7,383</b>	<b>-246</b>
	Last 7 days	<b>-1,384</b>	<b>-198</b>
Daily Inflow (cfs)	Last 7 days	Min	<b>0</b>
		Max	<b>0</b>
		Mean	<b>0</b>
Release (cfs)	Last 7 days	Min	<b>97</b>
		Max	<b>99</b>
		Mean	<b>98</b>

# Potter Valley Project

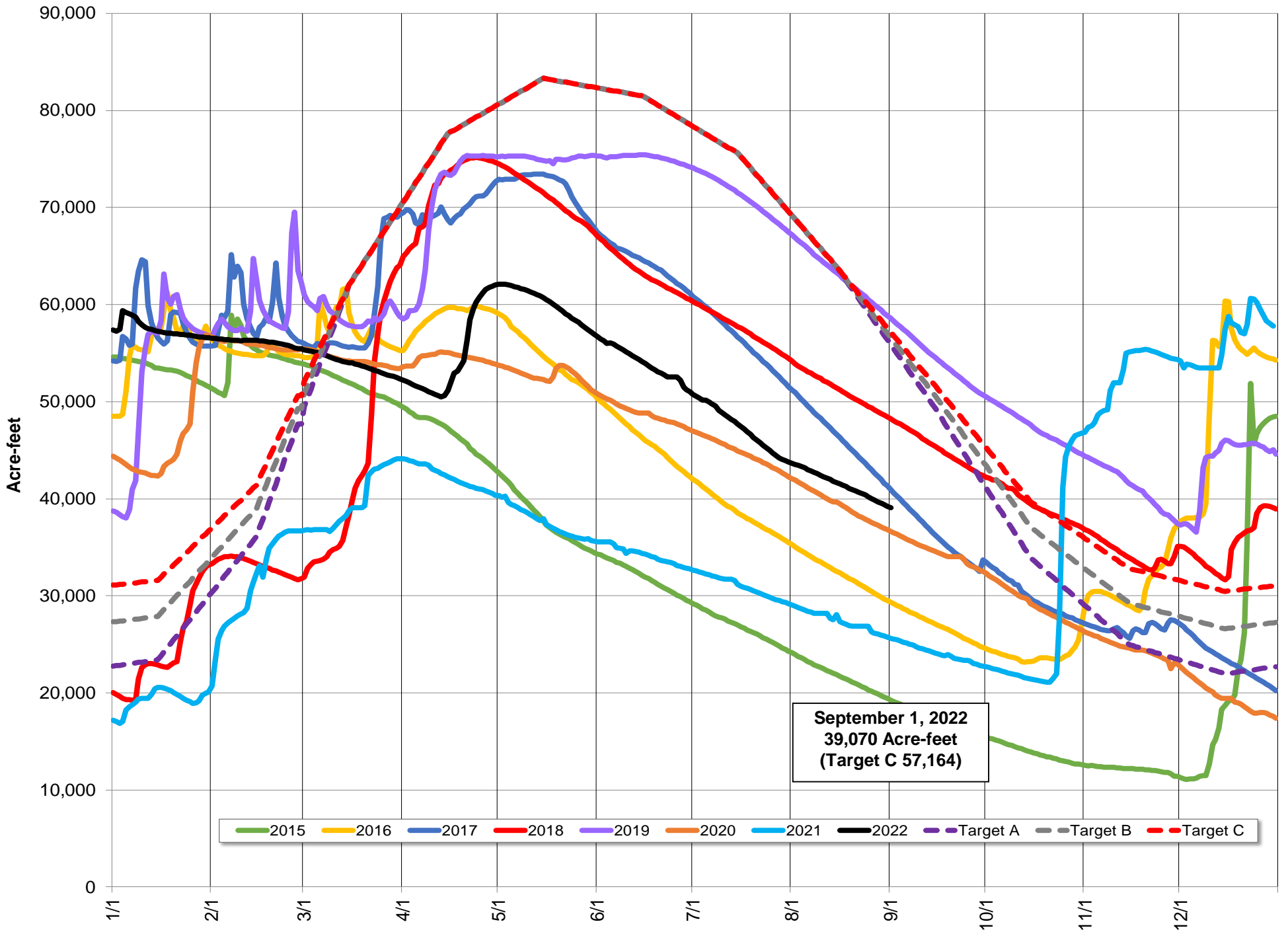
PVP Diversion (cfs)	September 1, 2022	56
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## Lake Pillsbury

Parameter	Date Range	Cumulative	Daily Average
Inflow* (acre-feet)	October 1, 2021 - September 1, 2022	228,706	683
	Last 7 days	245	35

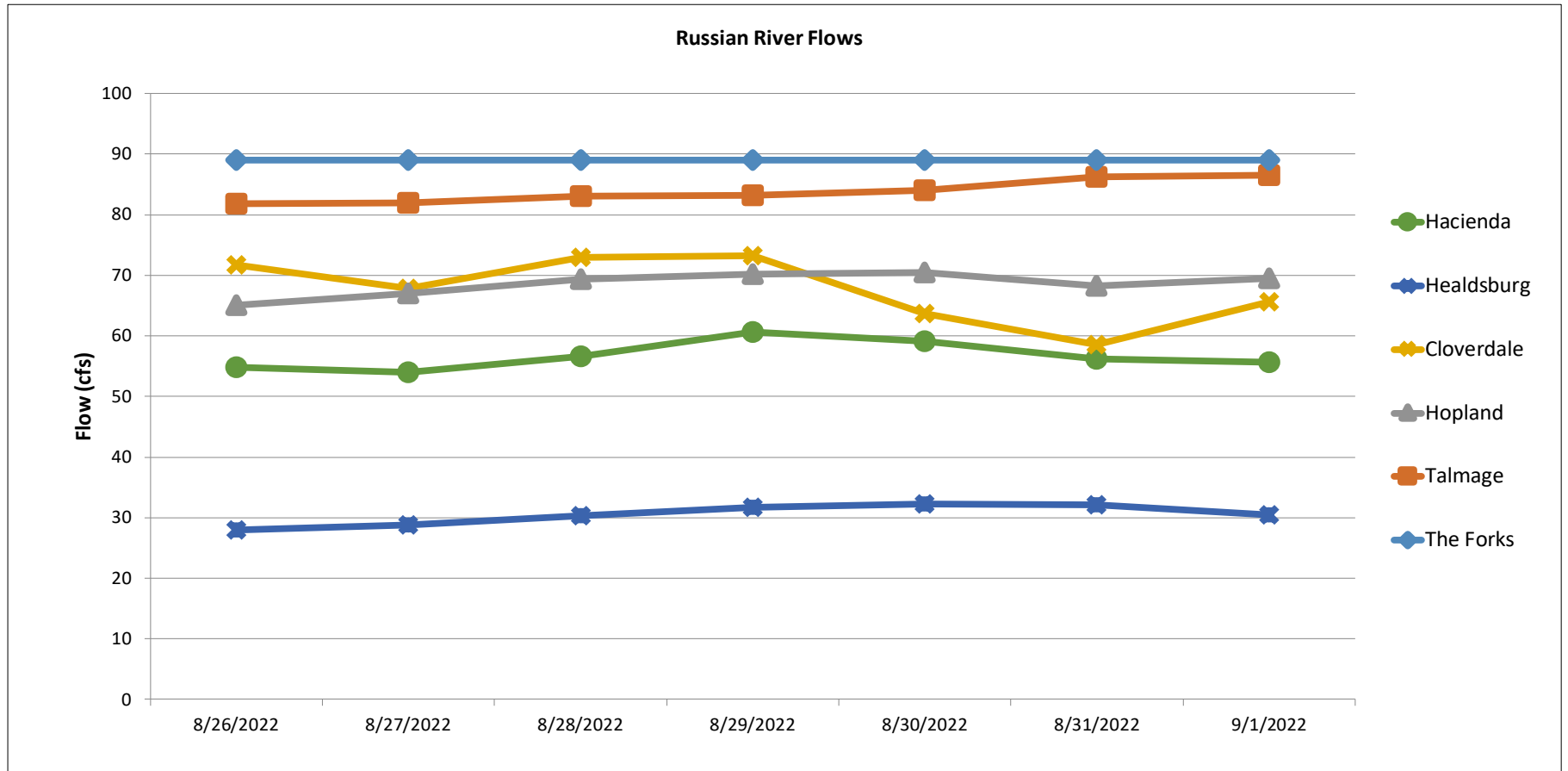
\*Inflow calculation based on criteria established in D1610

### Lake Pillsbury Storage 2015-2022 and Target Storage Scenarios

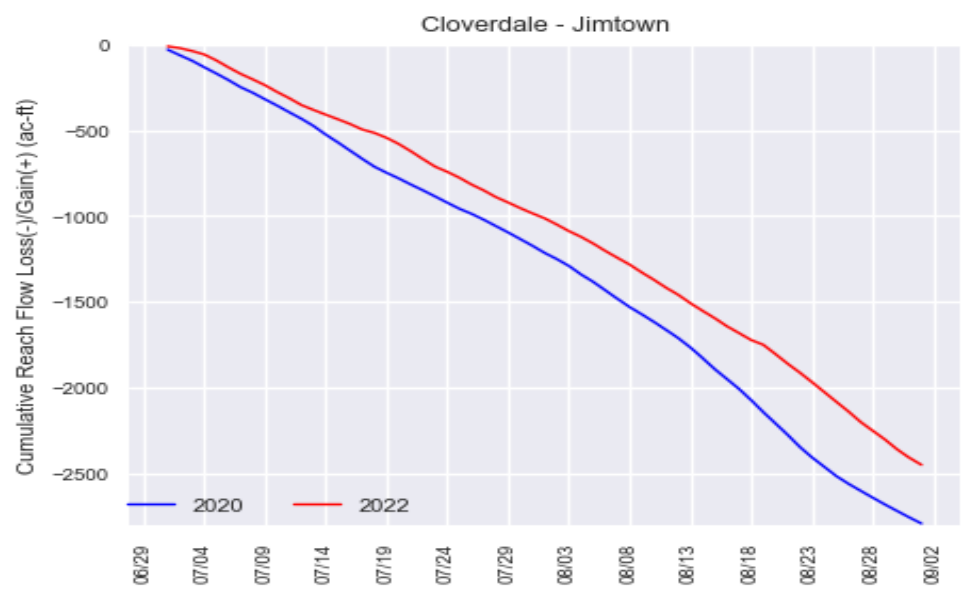
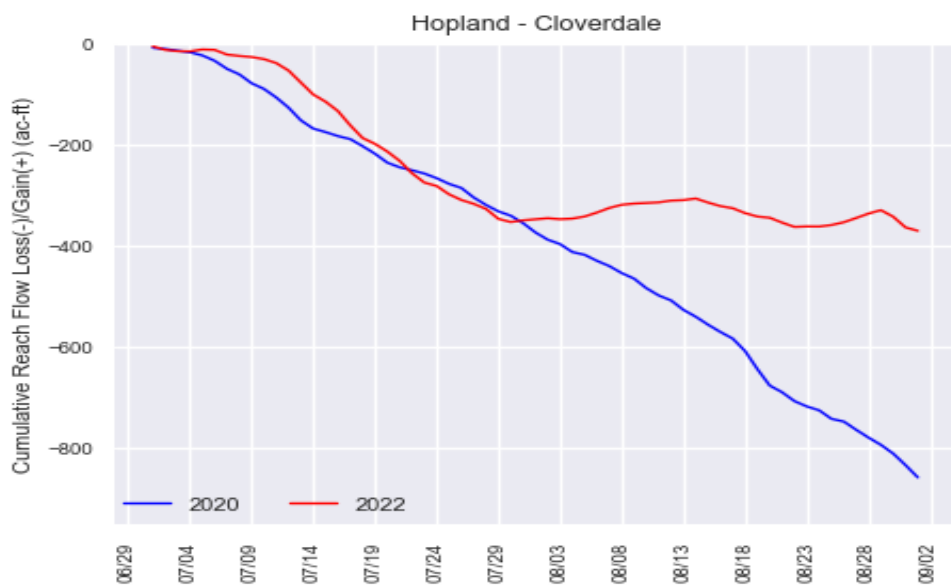
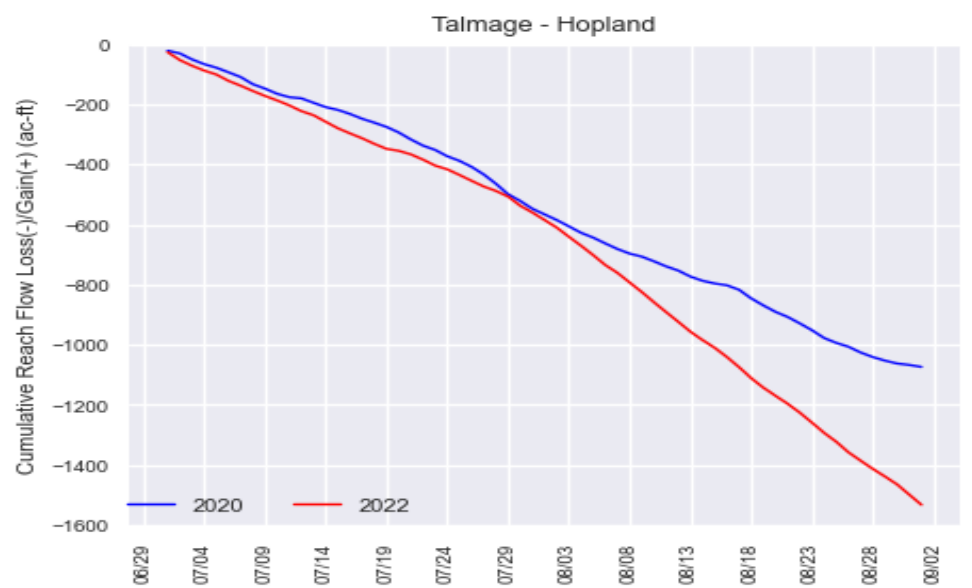
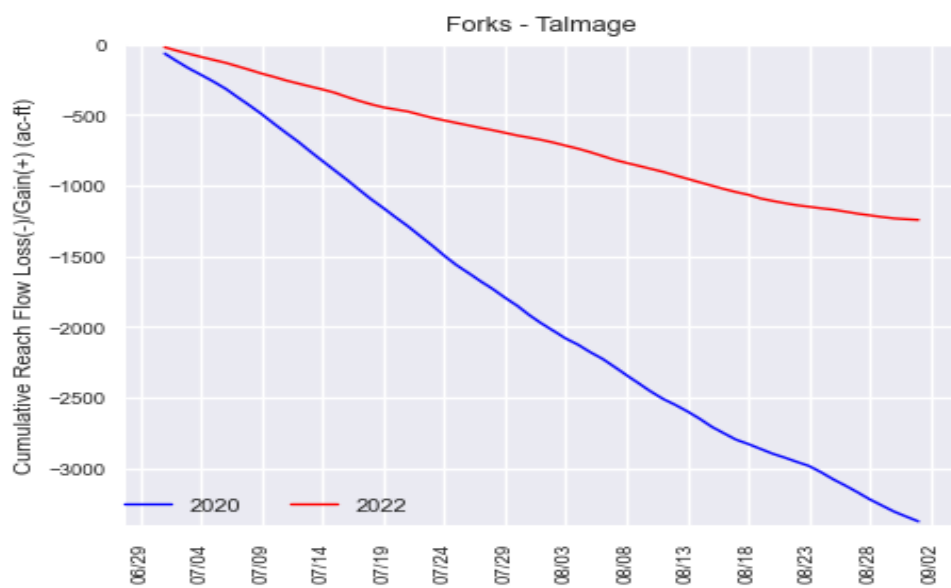


Gage	24-hr Average Flow (cfs)						
	Aug 26, 2022	Aug 27, 2022	Aug 28, 2022	Aug 29, 2022	Aug 30, 2022	Aug 31, 2022	Sep 1, 2022
The Forks*	89	89	89	89	89	89	89
Talmage USGS 11462080	82	82	83	83	84	86	87
Hopland USGS 11462500	65	67	69	70	70	68	70
Cloverdale USGS 11463000	72	68	73	73	64	59	66
Healdsburg USGS 11464000	28	29	30	32	32	32	30
Hacienda USGS 11467000	55	54	57	61	59	56	56

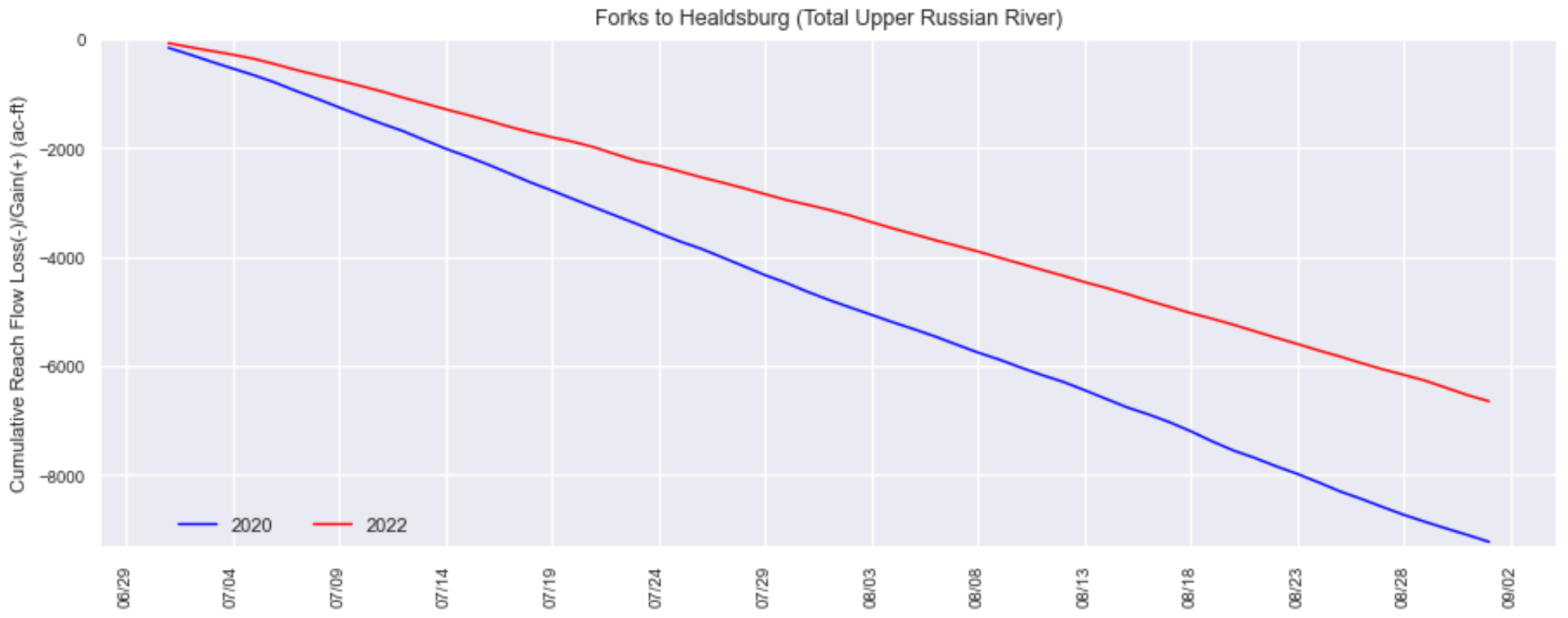
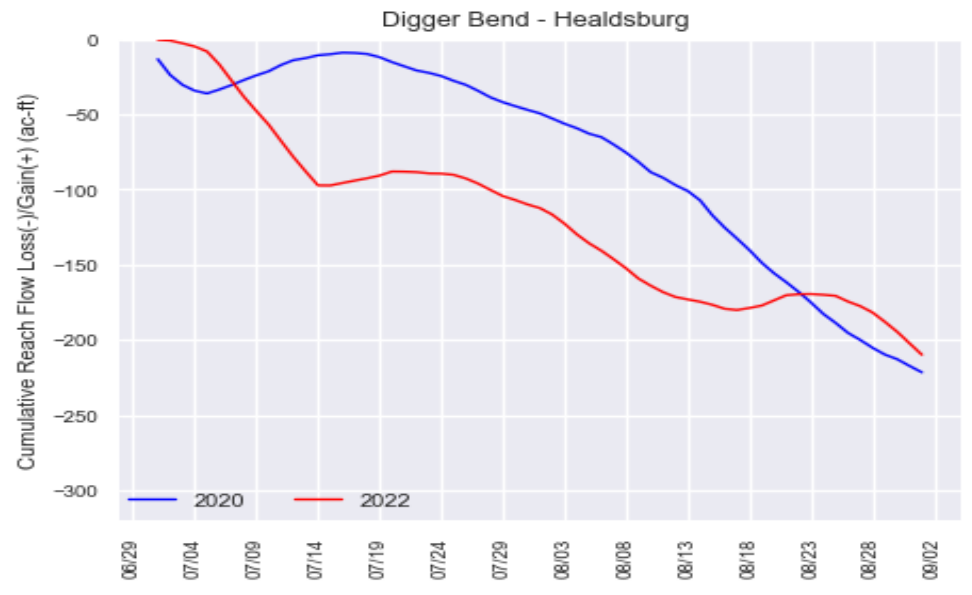
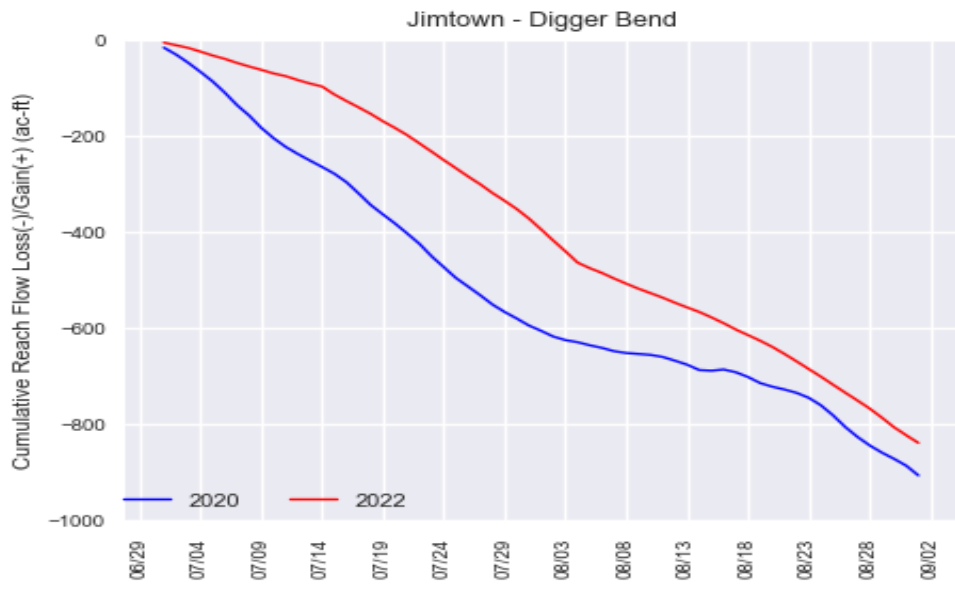
\*West Fork(USGS 11461000) + East Fork (Coyote Valley Dam Release)



### Upper Russian River Flow Gain/Loss (July 1, 2022 - September 01, 2022)



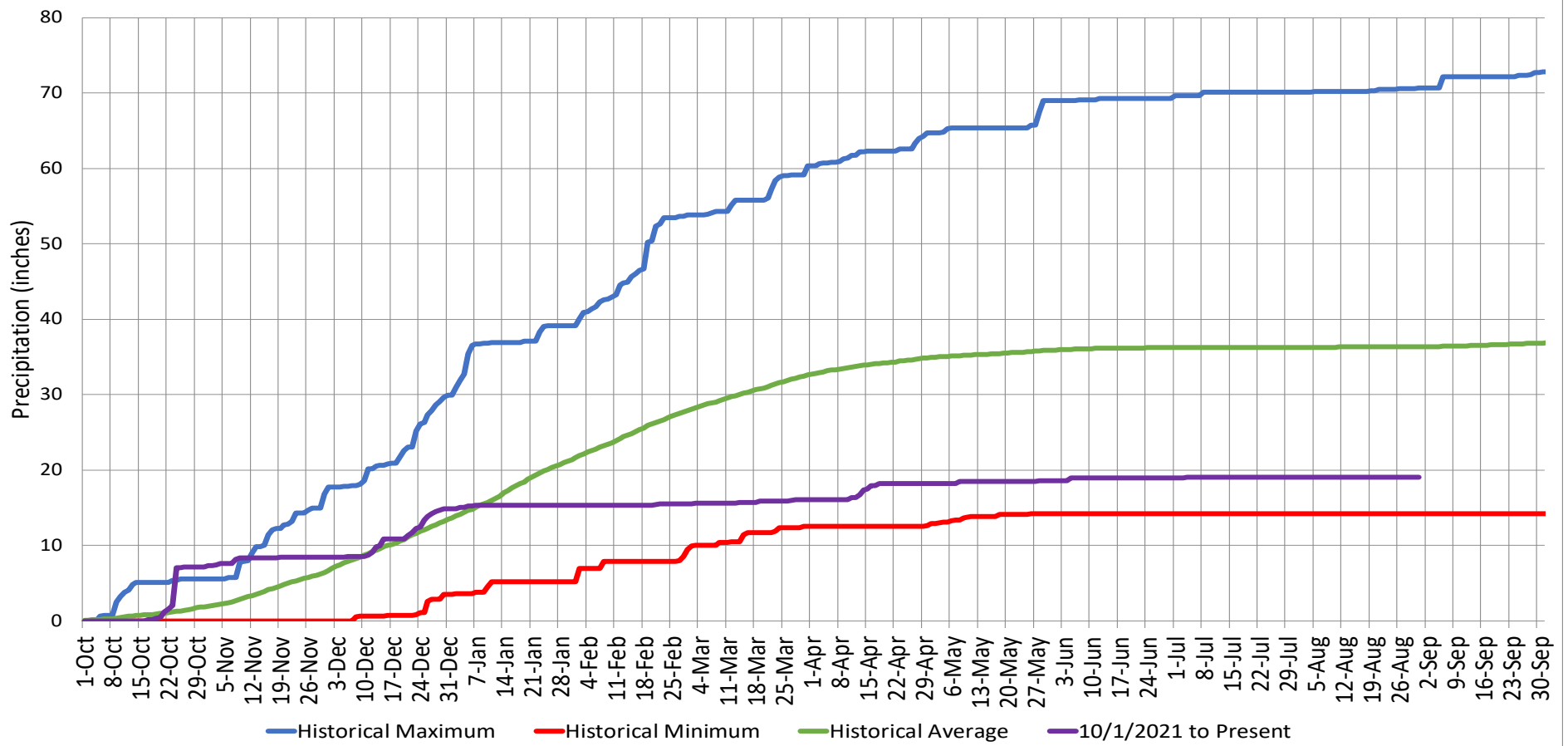
# Upper Russian River Flow Gain/Loss (July 1, 2022 - September 01, 2022)



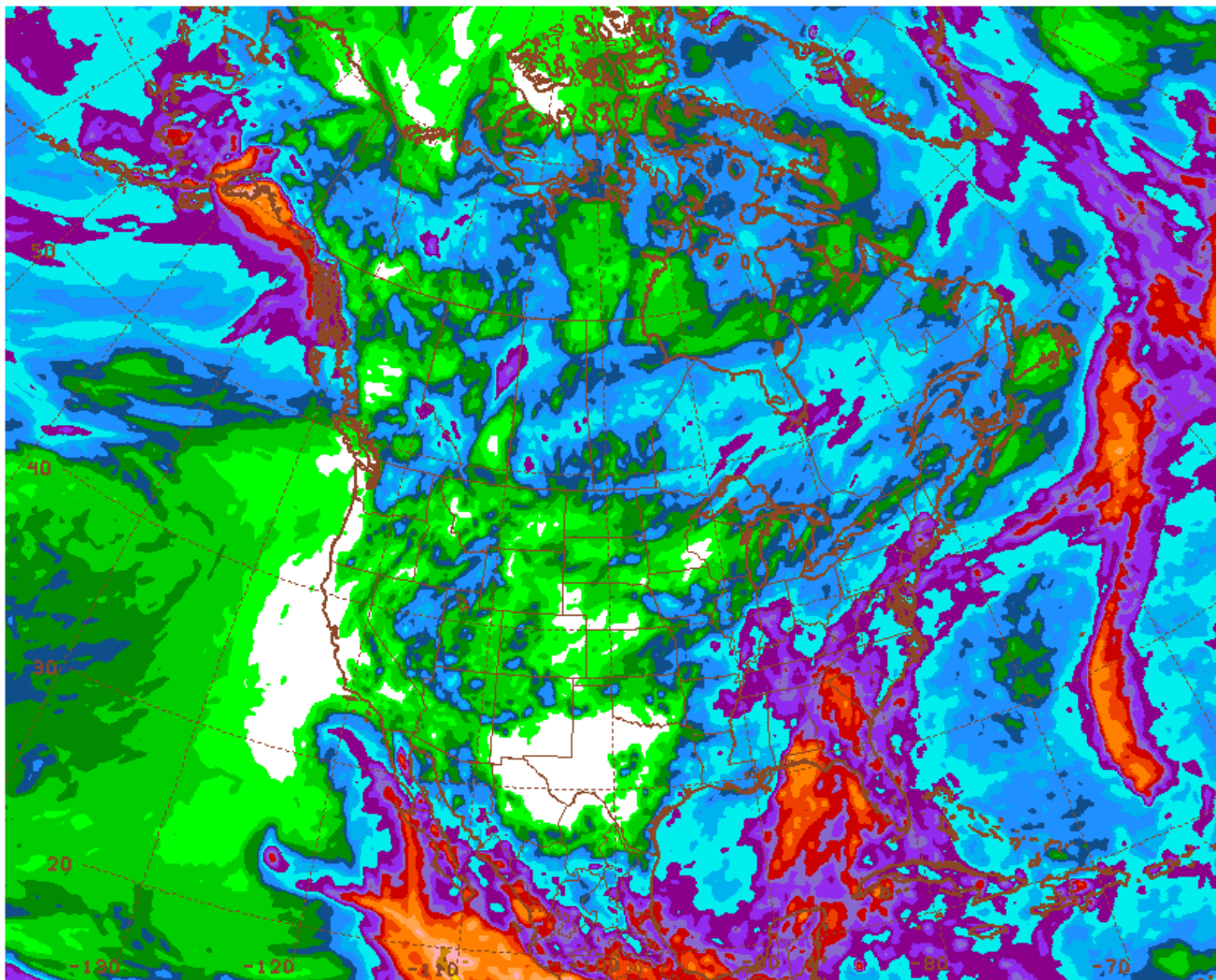
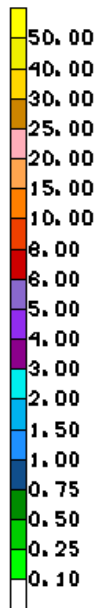
### Precipitation

Ukiah Municipal Airport (WBAN: 72590523275 (KUKI))	
Date Range	Cumulative (inches)
Oct 1, 2021 - Sep 1, 2022	<b>19.03</b>
Last 7 Days*	<b>0.00</b>

Cumulative Precipitation Comparison of Current Year versus Historic Record



GFS 09/05/22 12UTC 384HR FCST VALID WED 09/21/22 12UTC NOAA/NWS/NCEP



GFS WED 220921/1200V384 384HR ACCUMULATED PRECIP (IN)

Date Range  
Sep 5 - Sep 21, 2022

Forecasted Cumulative (inches)  
**0.00**