



**Sonoma  
Water**

State Water Resources Control Board  
 Temporary Urgency Change Order (6/14/2021)  
 Russian River Hydrologic Report  
 September 3, 2021 - September 9, 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).

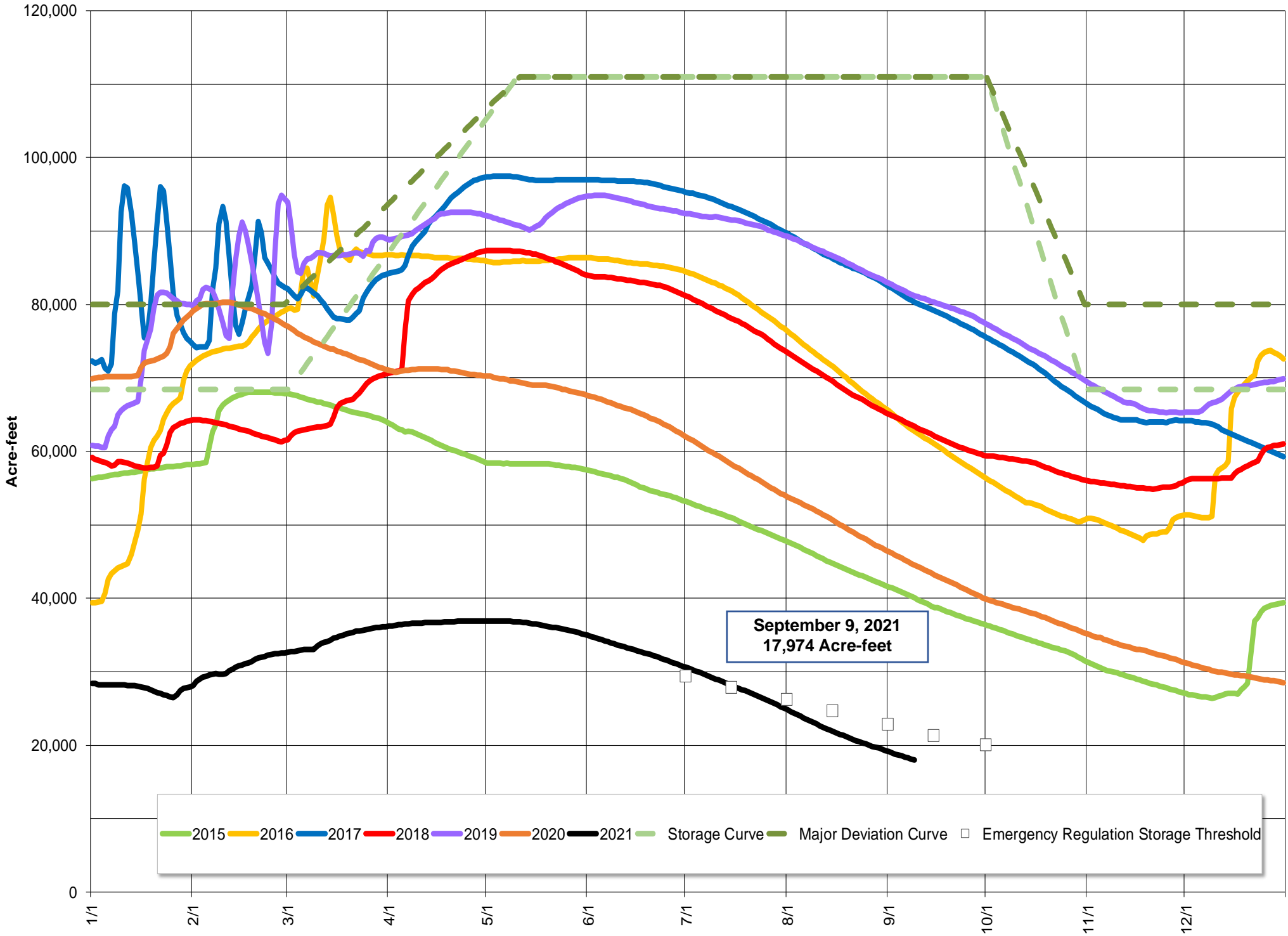
**Instream Flow Requirements as of September 9, 2021**

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**



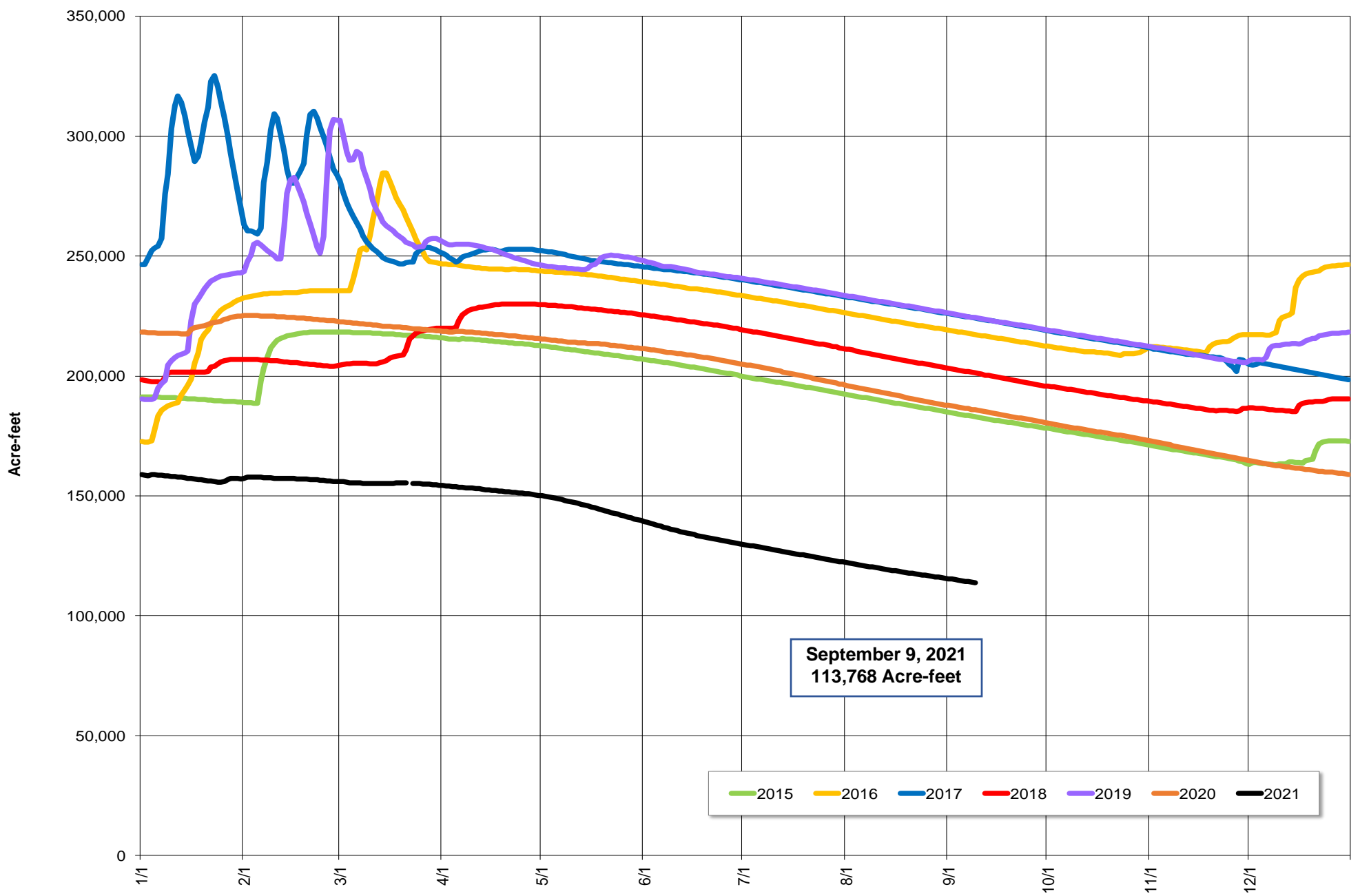
Storage (acre-feet)	September 9, 2021	<b>17,974</b>	
		Total	Average Daily Rate
Change in Storage (acre-feet)	Last 30 days	<b>-4,900</b>	<b>-163</b>
	Last 7 days	<b>-828</b>	<b>-118</b>
Daily Inflow (cfs)	Last 7 days	Min	<b>9</b>
		Max	<b>24</b>
		Mean	<b>18</b>
Release (cfs)	Last 7 days	Min	<b>82</b>
		Max	<b>84</b>
		Mean	<b>83</b>

# Lake Sonoma



Nathan Baskett, March 3, 2011

### Lake Sonoma Storage 2015-2021



Storage (acre-feet)	September 9, 2021	<b>113,768</b>	
Change in Storage (acre-feet)	Last 30 days	<b>-6,318</b>	<b>-211</b>
	Last 7 days	<b>-1,296</b>	<b>-185</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>83</b>
		Max	<b>91</b>
		Mean	<b>90</b>

# Potter Valley Project

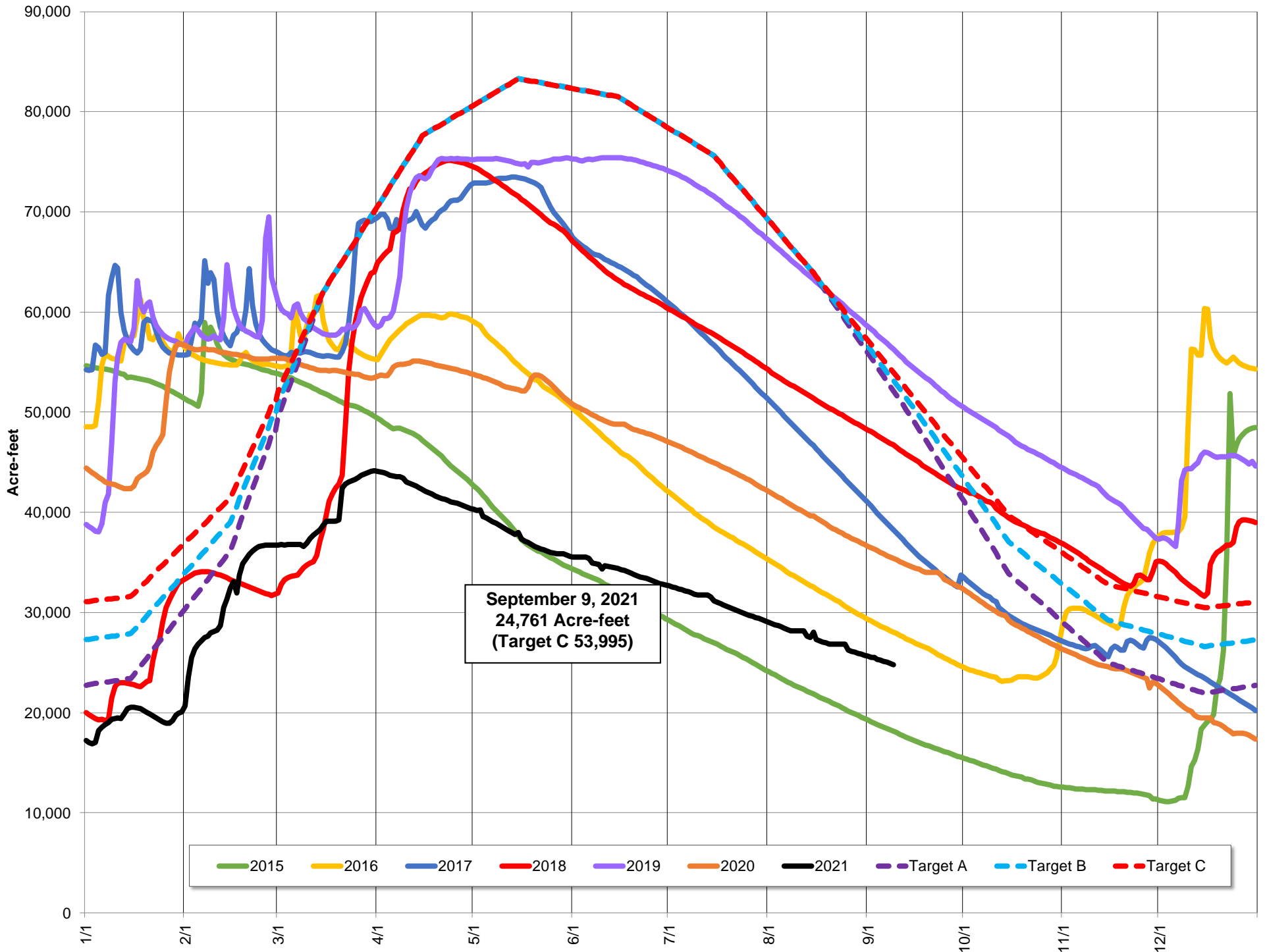
PVP Diversion (cfs)	September 9, 2021	35
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## Lake Pillsbury

Parameter	Date Range	Cumulative	Daily Average
Inflow* (acre-feet)	October 1, 2020 - September 9, 2021	83,425	243
	Last 7 days	0	0

\*Inflow calculation based on criteria established in D1610

Lake Pillsbury Storage 2015-2021 and Target Storage Scenarios

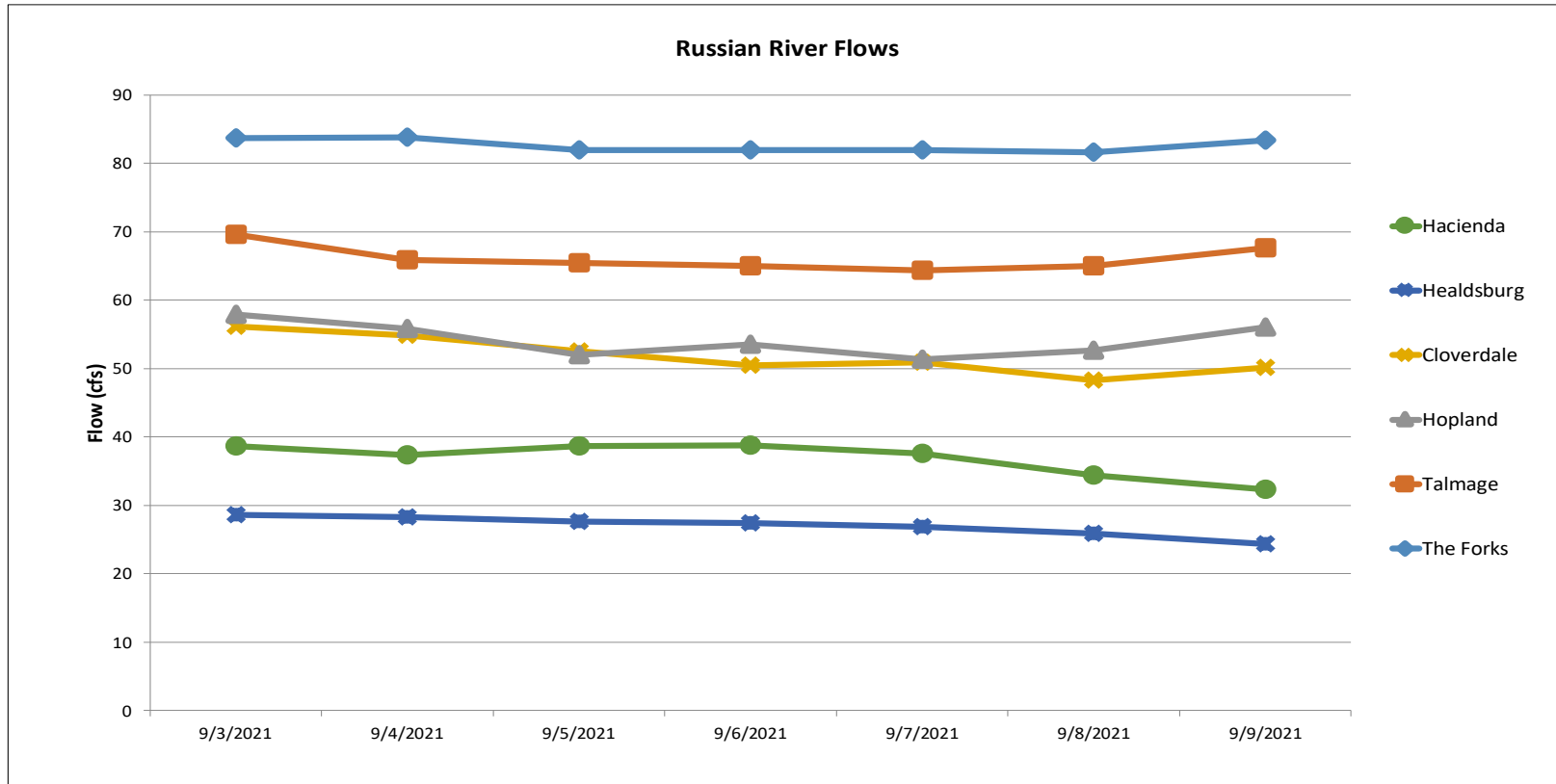




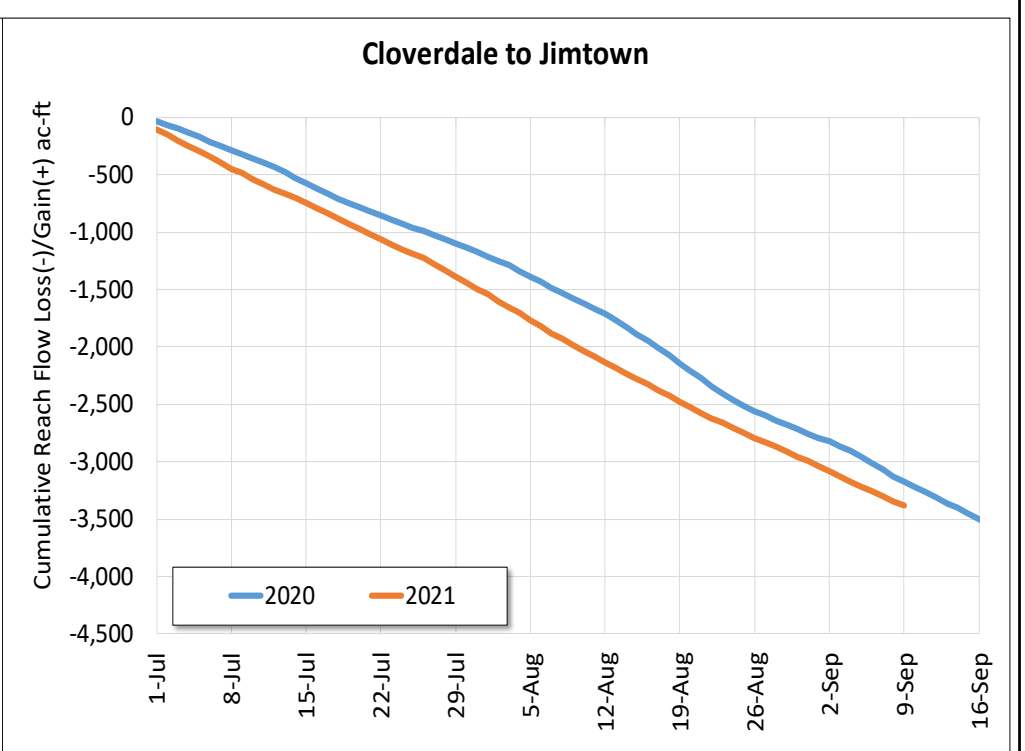
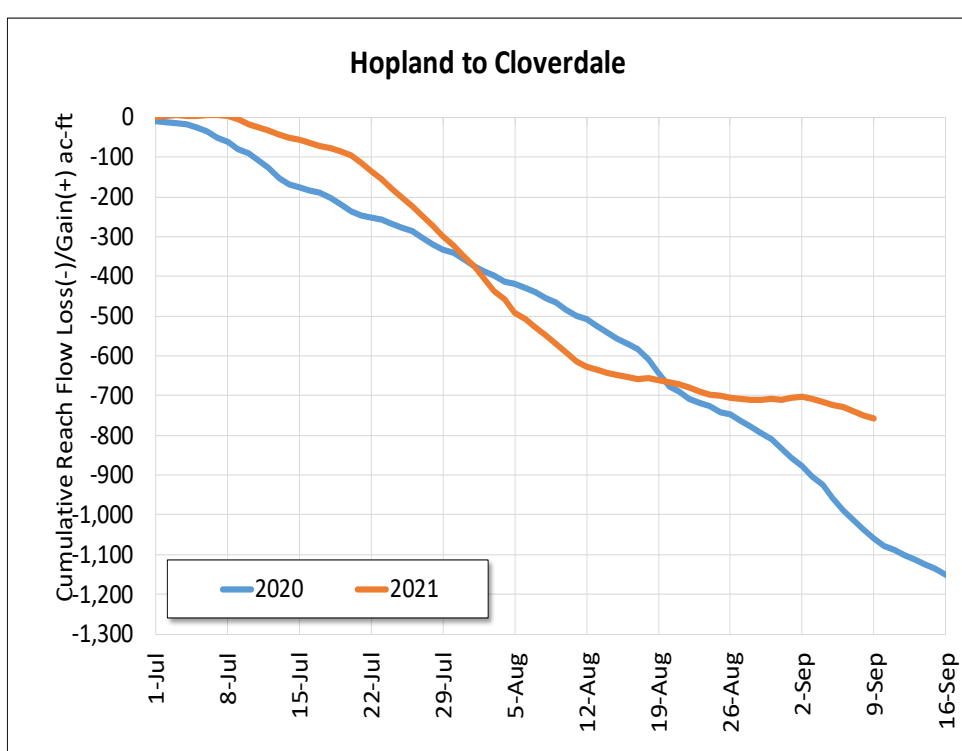
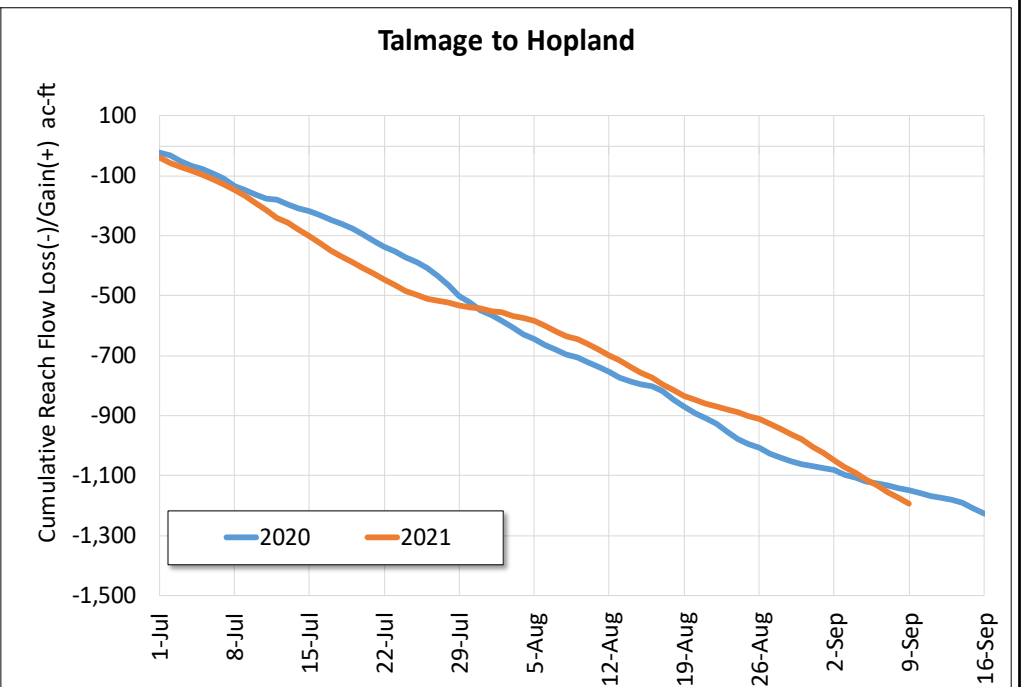
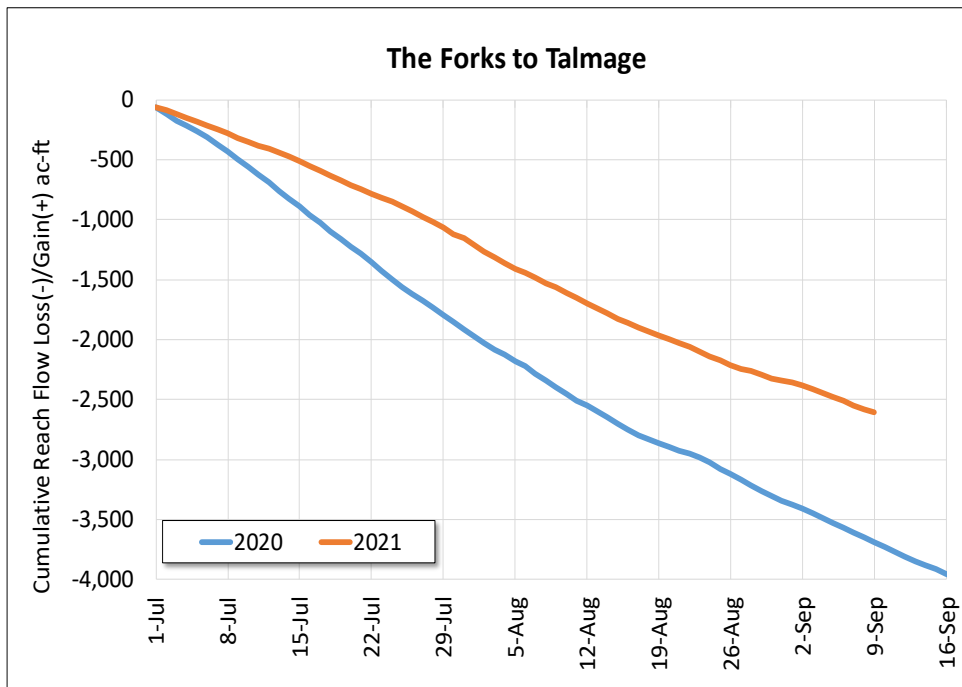
### Russian River Flows (September 3 - September 9, 2021)

Gage	24-hr Average Flow (cfs)						
	Sep 3, 2021	Sep 4, 2021	Sep 5, 2021	Sep 6, 2021	Sep 7, 2021	Sep 8, 2021	Sep 9, 2021
The Forks*	84	84	82	82	82	82	83
Talmage USGS 11462080	70	66	65	65	64	65	68
Hopland USGS 11462500	58	56	52	54	51	53	56
Cloverdale USGS 11463000	56	55	53	50	51	48	50
Healdsburg USGS 11464000	29	28	28	27	27	26	24
Hacienda USGS 11467000	39	37	39	39	38	34	32

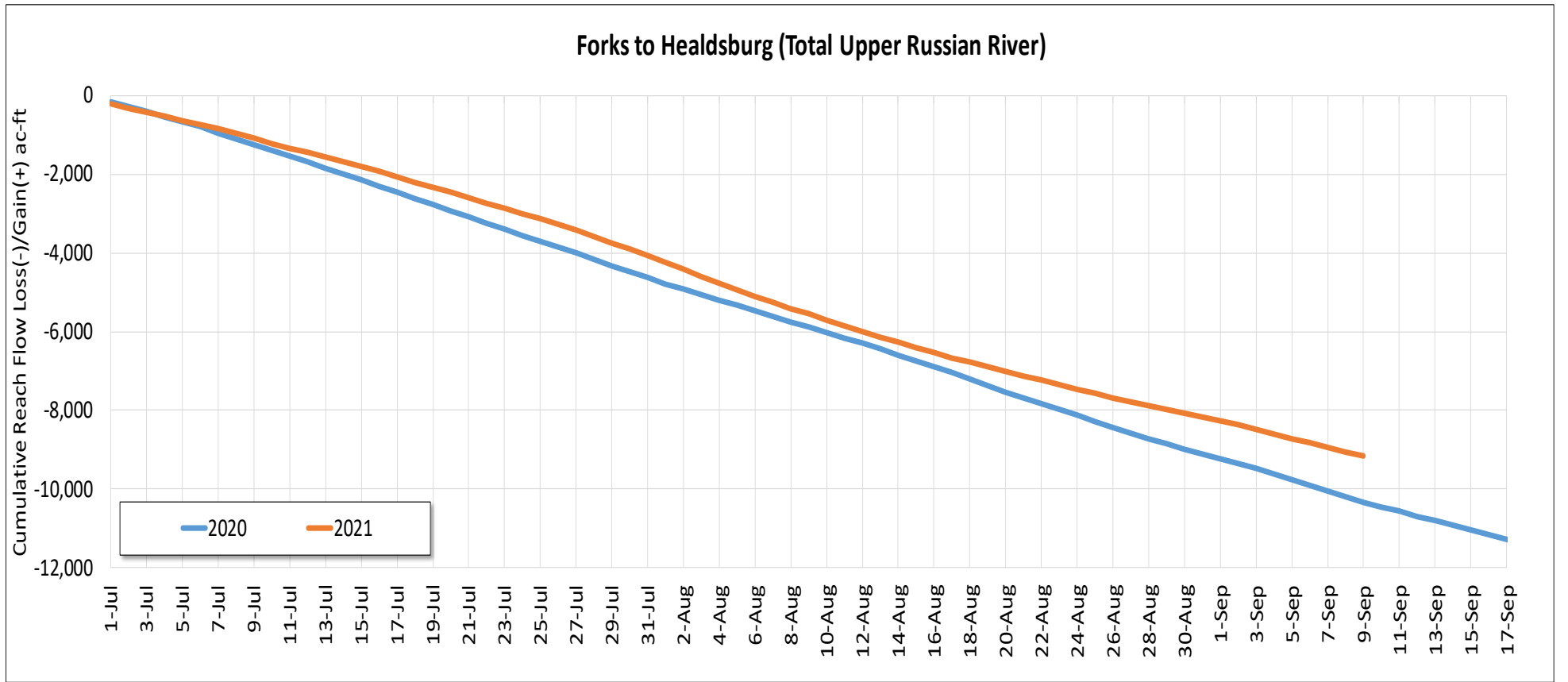
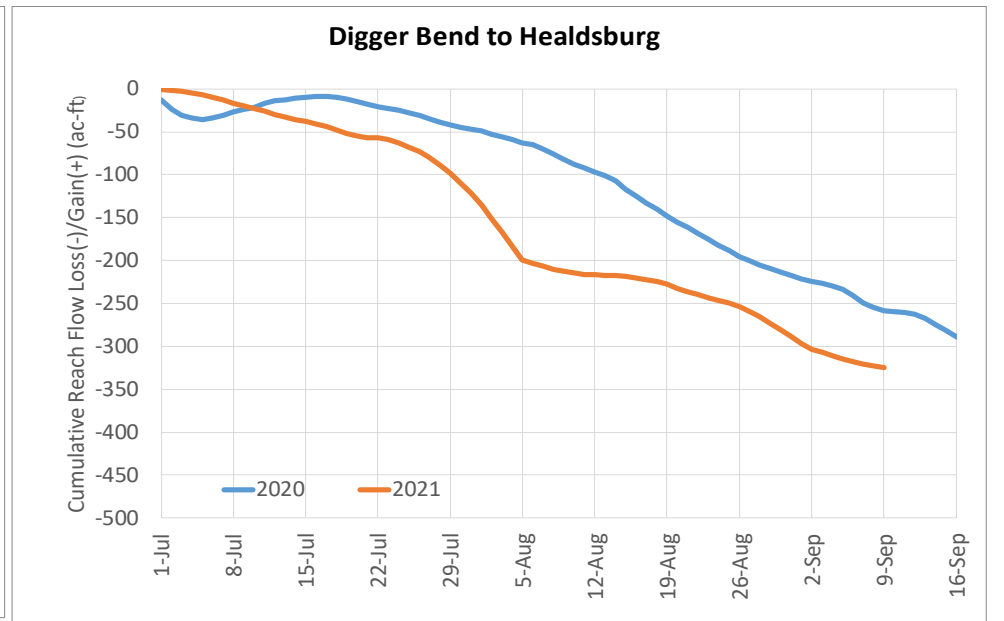
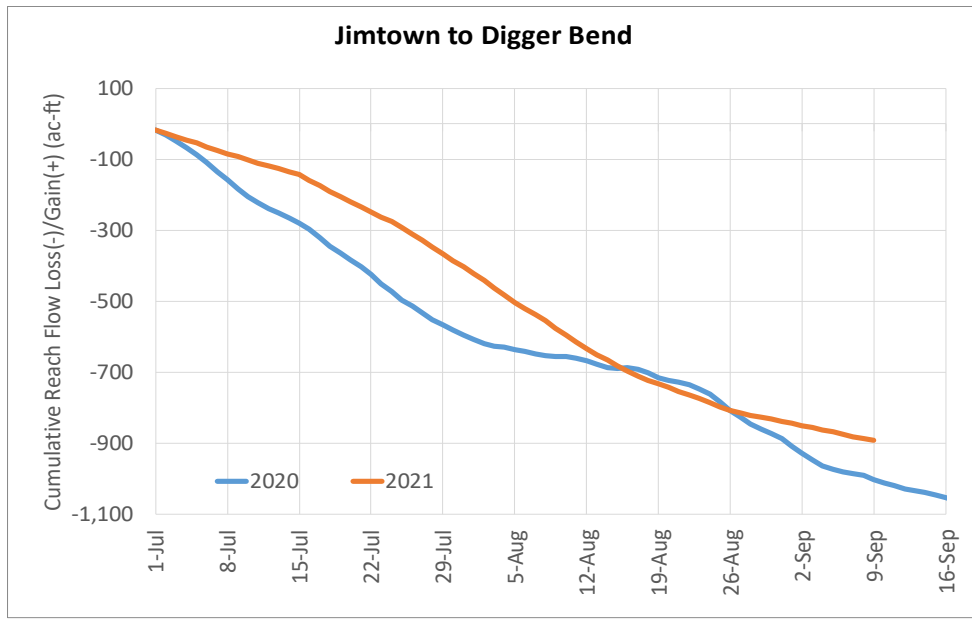
\*West Fork (USGS 11461000) + East Fork (Coyote Valley Dam Release)



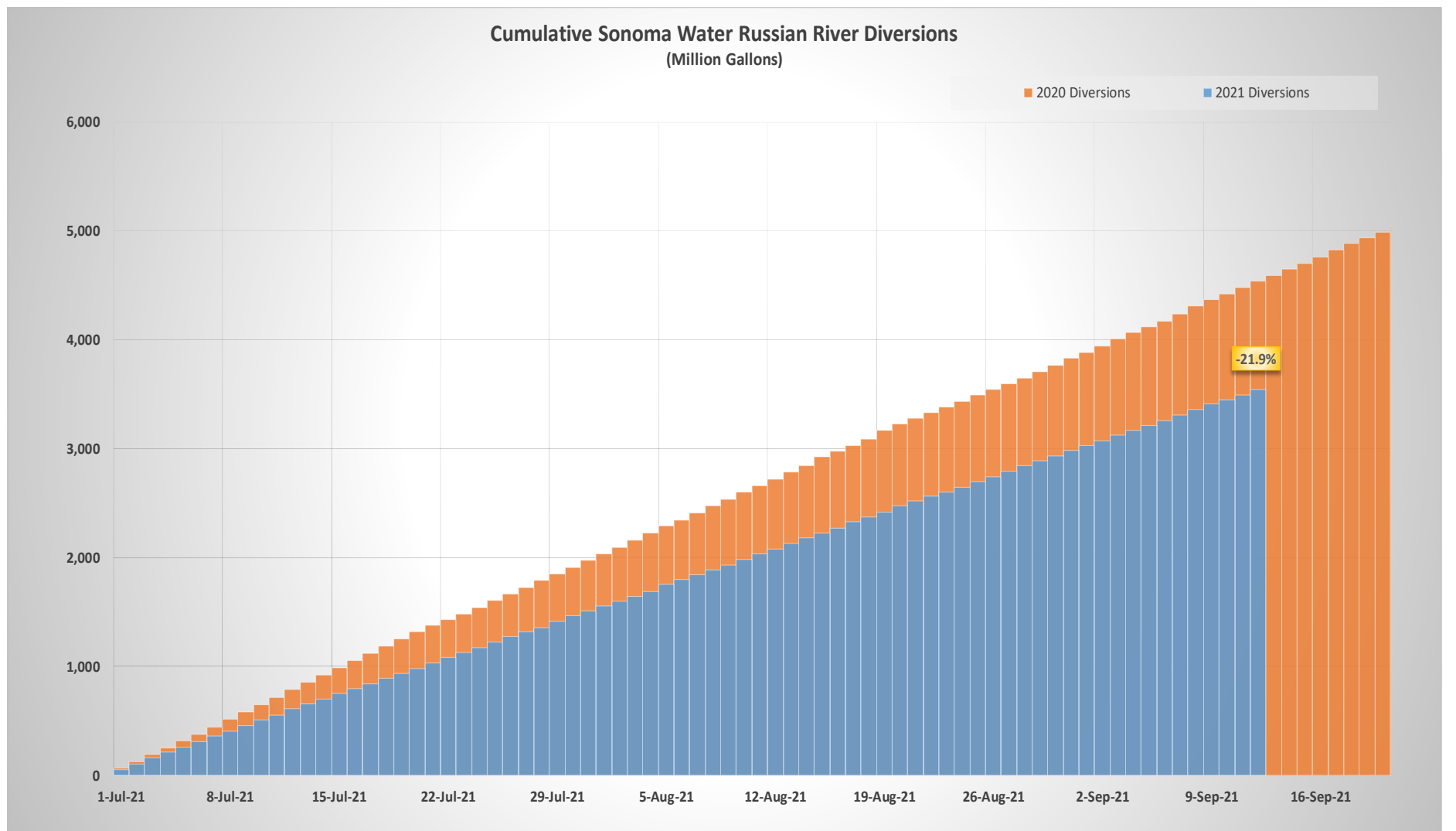
### Upper Russian River Flow Gain/Loss (July 1 - September 9, 2021)



### Upper Russian River Flow Gain/Loss (July 1 - September 9, 2021)

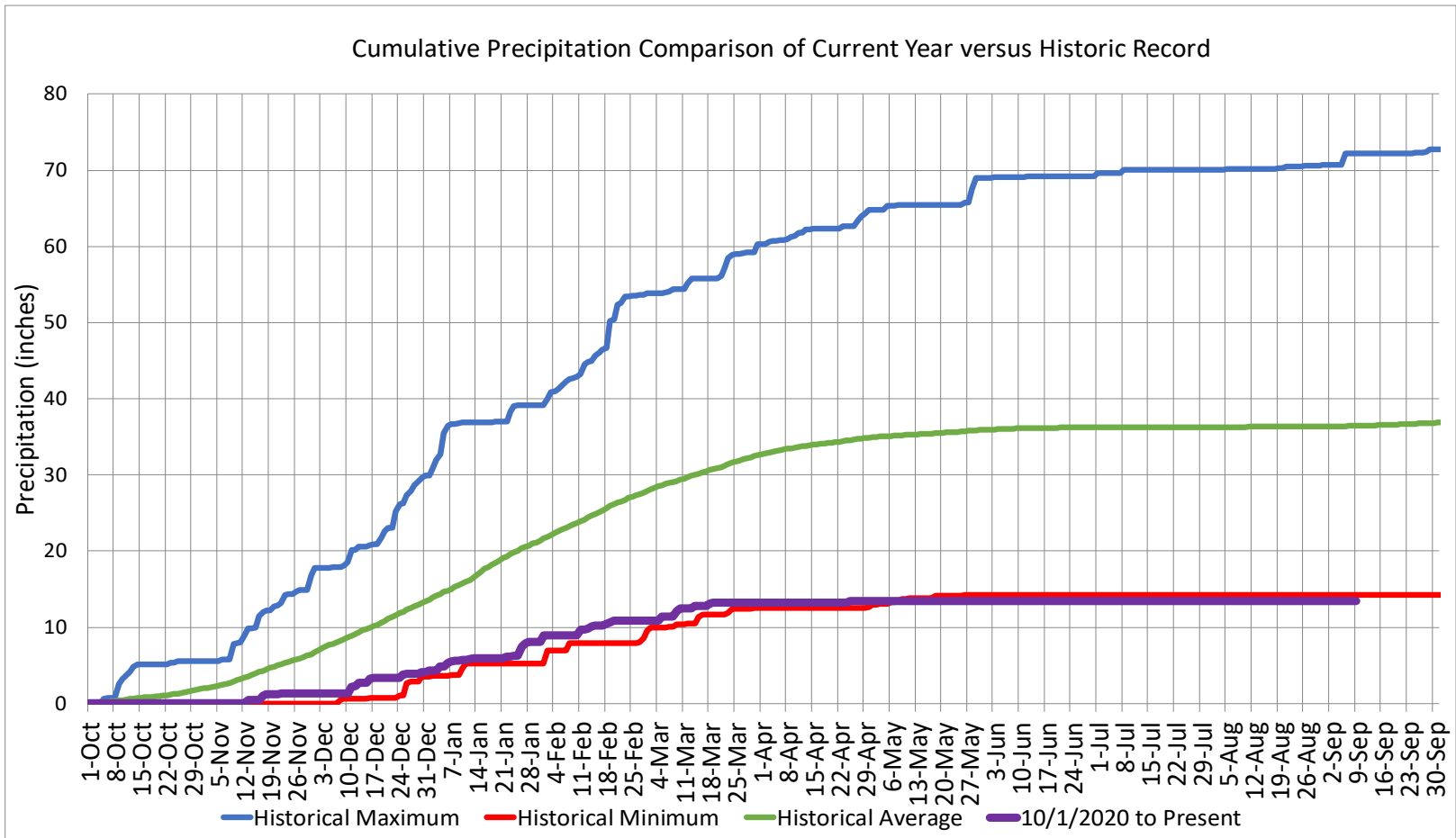


### Sonoma Water River Diversions (July 1 - September 9, 2021)



### Precipitation

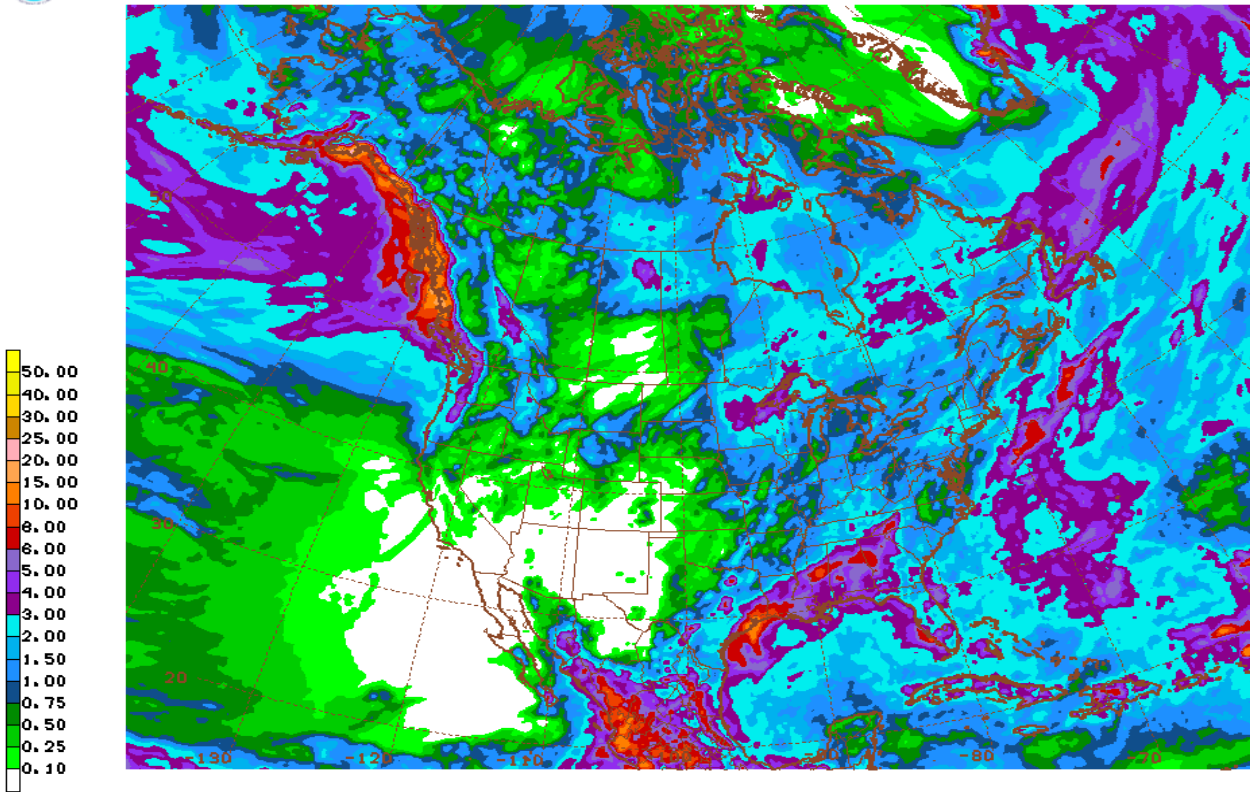
Ukiah Municipal Airport (WBAN: 72590523275 (KUKI))	
Date Range	Cumulative (inches)
Oct 1, 2020 - Sep 9, 2021	<b>13.48</b>
Last 7 Days*	<b>0.00</b>



### Global Forecast System Model 16-day Cumulative Precipitation Forecast



GFS 09/13/21 12UTC 384HR FCST VALID WED 09/29/21 12UTC NOAA/NHS/NCEP



GFS WED 210929/1200V384 384HR ACCUMULATED PRECIP (IN)

Date Range	Forecasted Cumulative (inches)
Sep 13 - Sep 29, 2021	<b>0.3</b>