



Sonoma Water

State Water Resources Control Board  
 Temporary Urgency Change Order (6/14/2021)  
 Russian River Hydrologic Report  
 July 16, 2021 - July 22, 2021

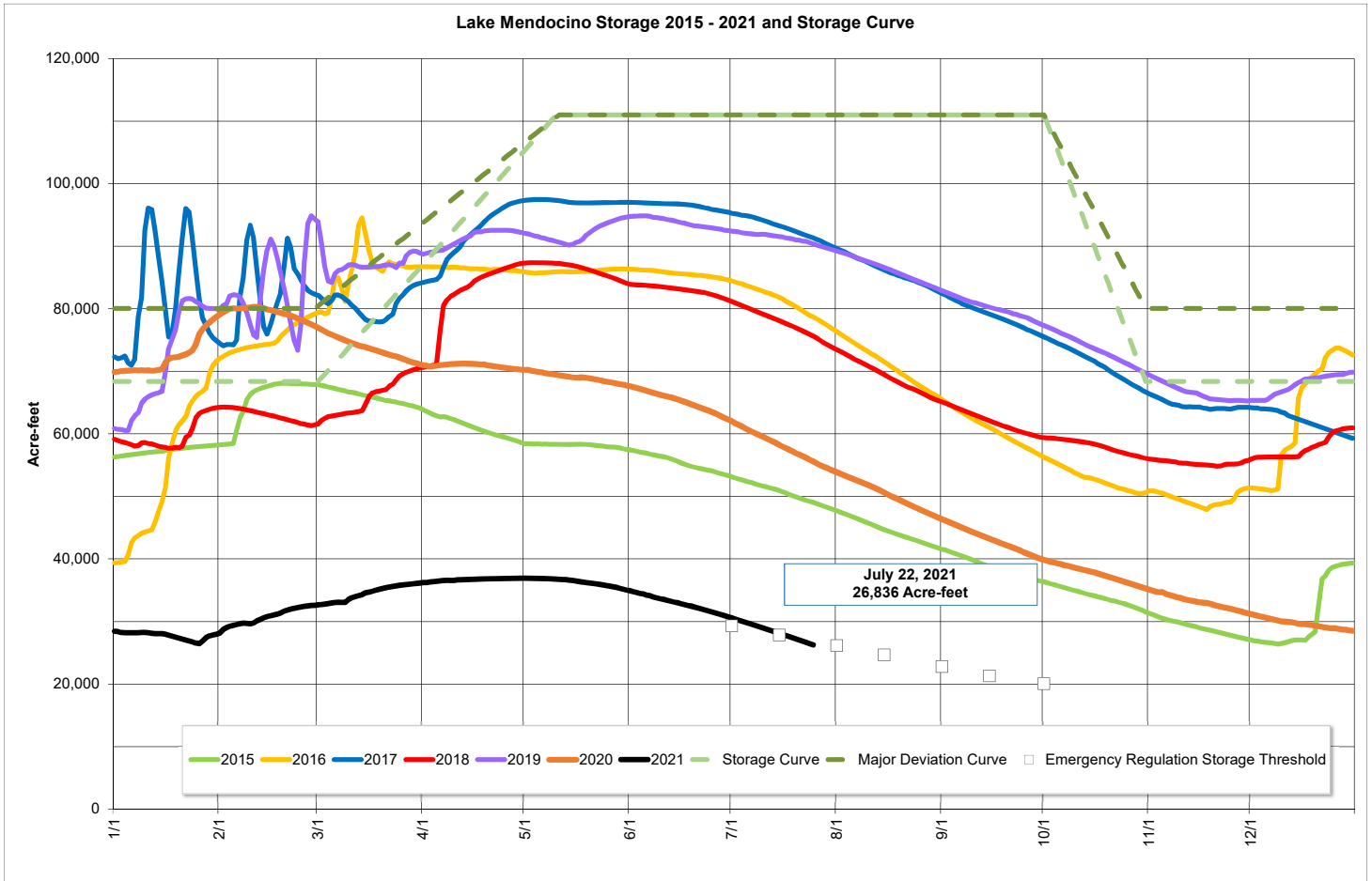
Prepared as a requirement of the Order approving Sonoma Water's Petition for Temporary Urgency Change in Permits 12947A, 12949, 12950, and 16596 (Applications 12919A, 15736, 15737, and 19351).

**Instream Flow Requirements as of July 22, 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**

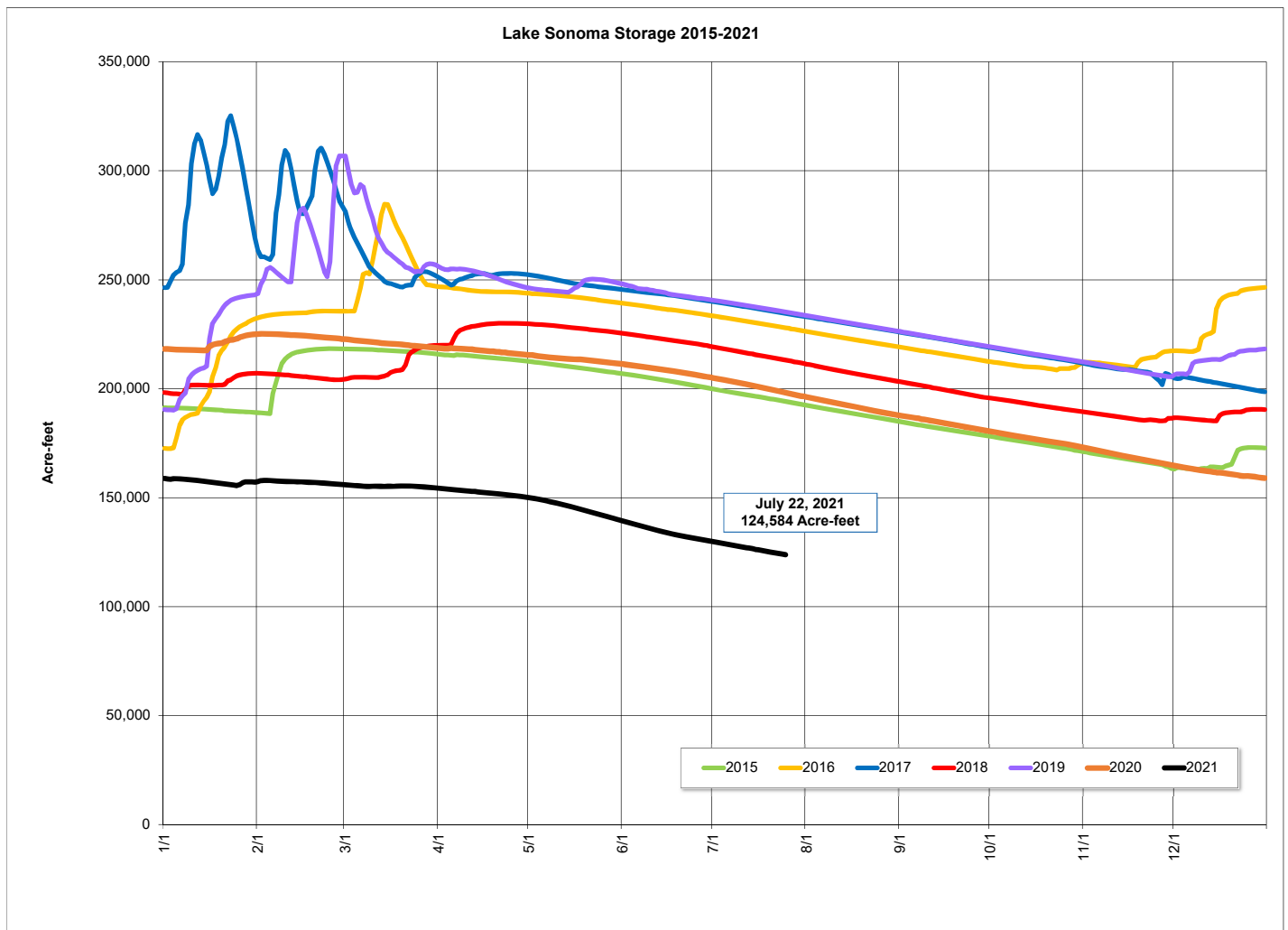


Storage (acre-feet)	July 22, 2021	<b>26,836</b>	
Change in Storage (acre-feet)	Last 30 days	Total	Average Daily Rate
	Last 7 days	<b>-5,206</b>	<b>-174</b>
Daily Inflow (cfs)	Last 7 days	Min	<b>0</b>
		Max	<b>17</b>
		Mean	<b>9</b>
Release (cfs)	Last 7 days	Min	<b>89</b>
		Max	<b>92</b>
		Mean	<b>91</b>

# Lake Sonoma



Nathan Baskett, March 3, 2021



Storage (acre-feet)	July 22, 2021	<b>124,584</b>	
Change in Storage (acre-feet)	Last 30 days	Total	Average Daily Rate
	Last 7 days	<b>-7,531</b>	<b>-251</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>99</b>
		Max	<b>101</b>
		Mean	<b>99</b>

# Potter Valley Project

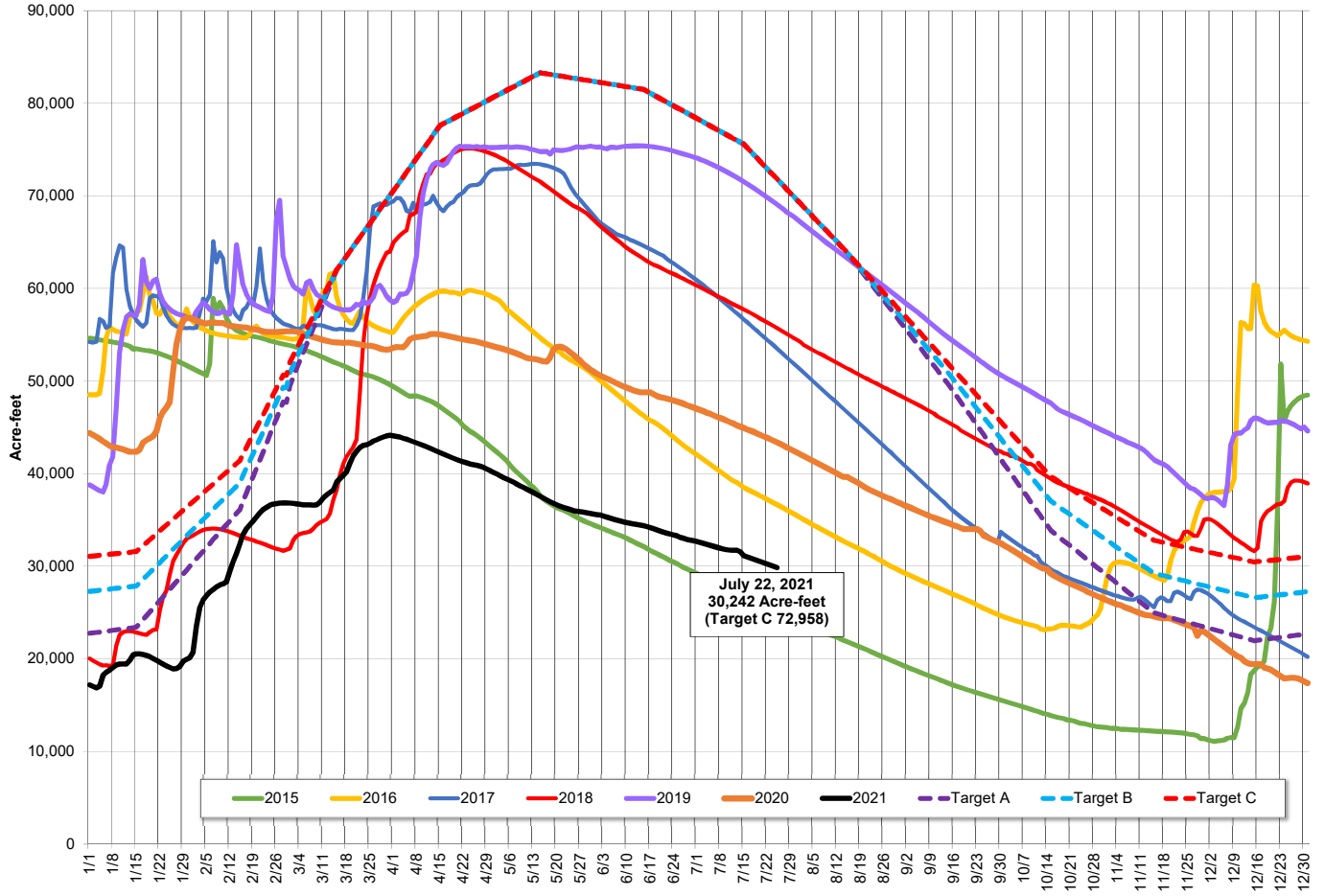
PVP Diversion (cfs)	July 22, 2021	39
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## Lake Pillsbury

Parameter	Date Range	Cumulative	Daily Average
Inflow* (acre-feet)	October 1, 2020 - July 22, 2021	87,864	299
	Last 7 days	57	8

\*Inflow calculation based on criteria established in D1610

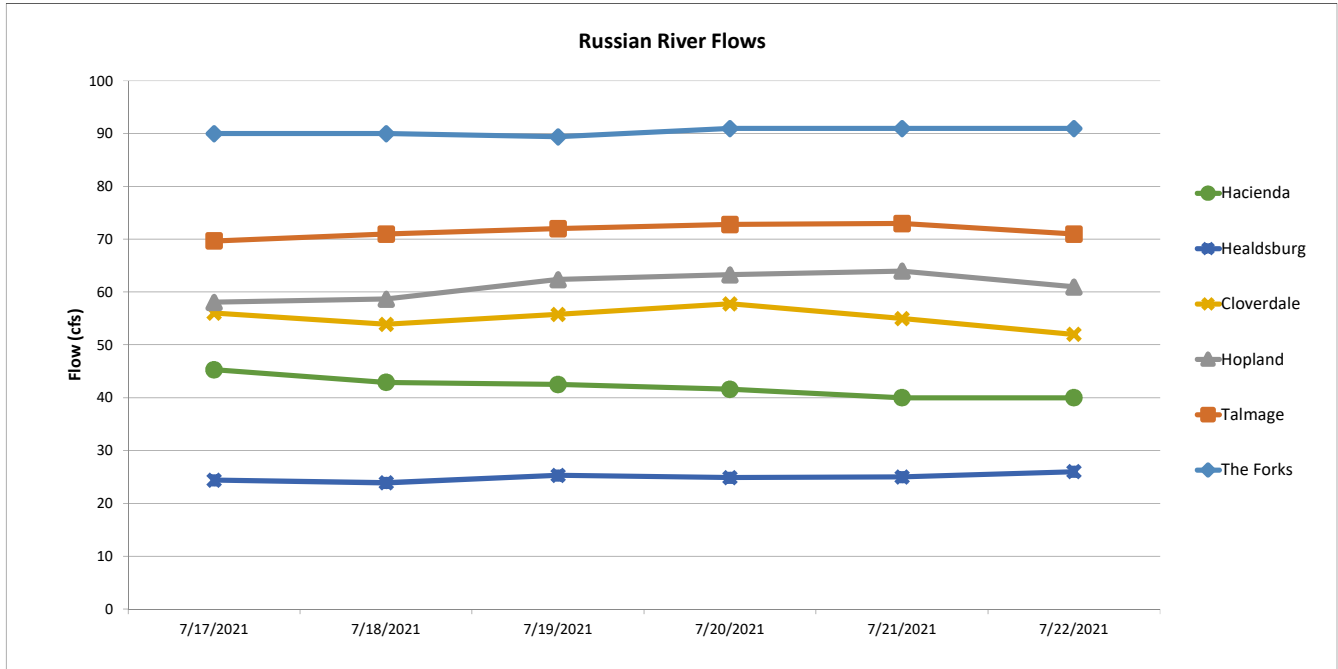
Lake Pillsbury Storage 2015-2021 and Target Storage Scenarios



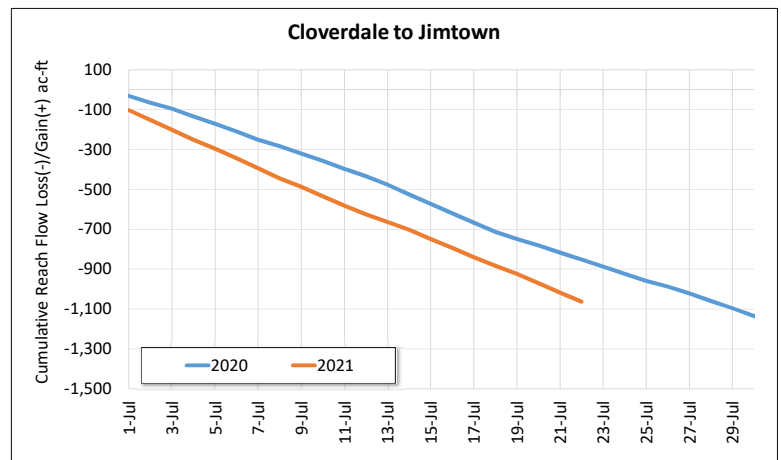
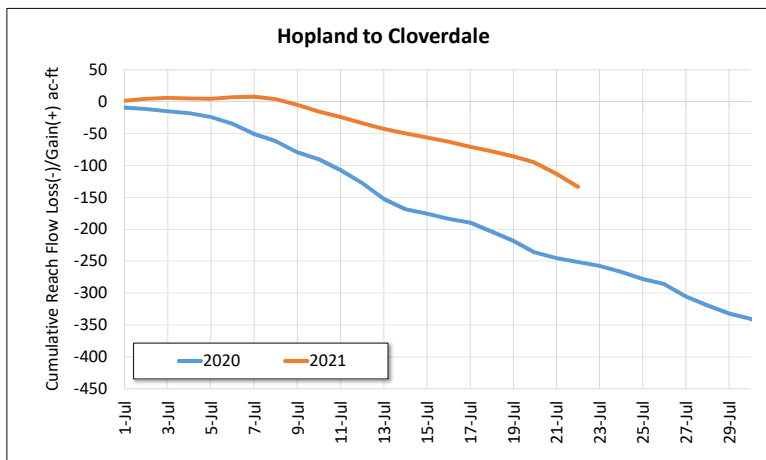
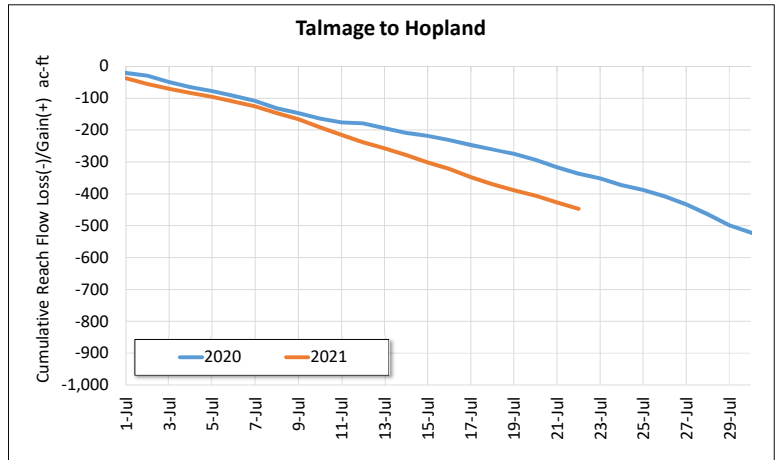
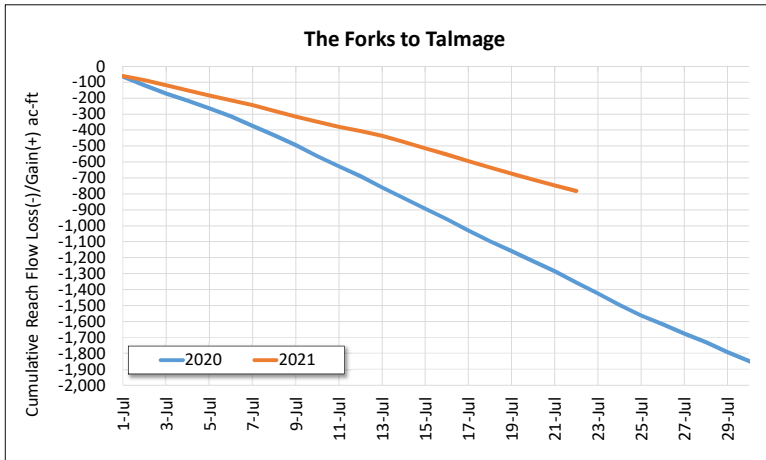
### Russian River Flows (July 16 - July 22, 2021)

Gage	24-hr Average Flow (cfs)						
	Jul 16, 2021	Jul 17, 2021	Jul 18, 2021	Jul 19, 2021	Jul 20, 2021	Jul 21, 2021	Jul 22, 2021
The Forks*	91	90	90	89	91	91	91
Talmage USGS 11462080	72	70	71	72	73	73	71
Hopland USGS 11462500	61	58	59	62	63	64	61
Cloverdale USGS 11463000	57	56	54	56	58	55	52
Healdsburg USGS 11464000	26	24	24	25	25	25	26
Hacienda USGS 11467000	47	45	43	43	42	40	40

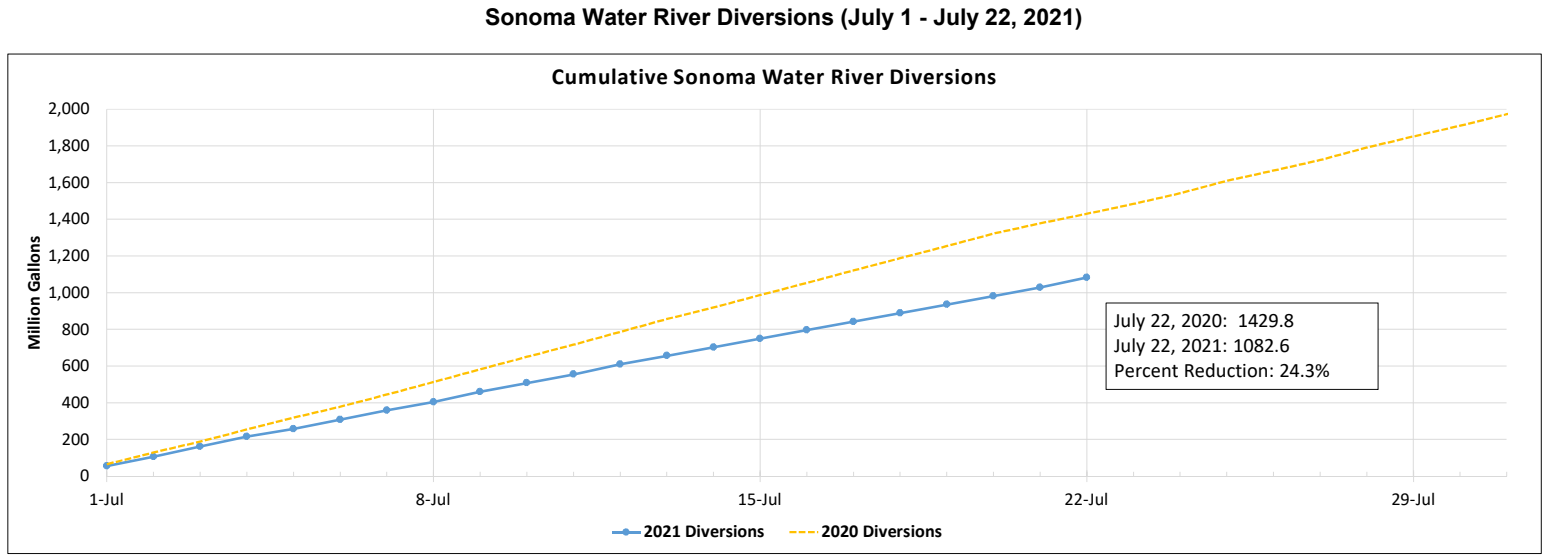
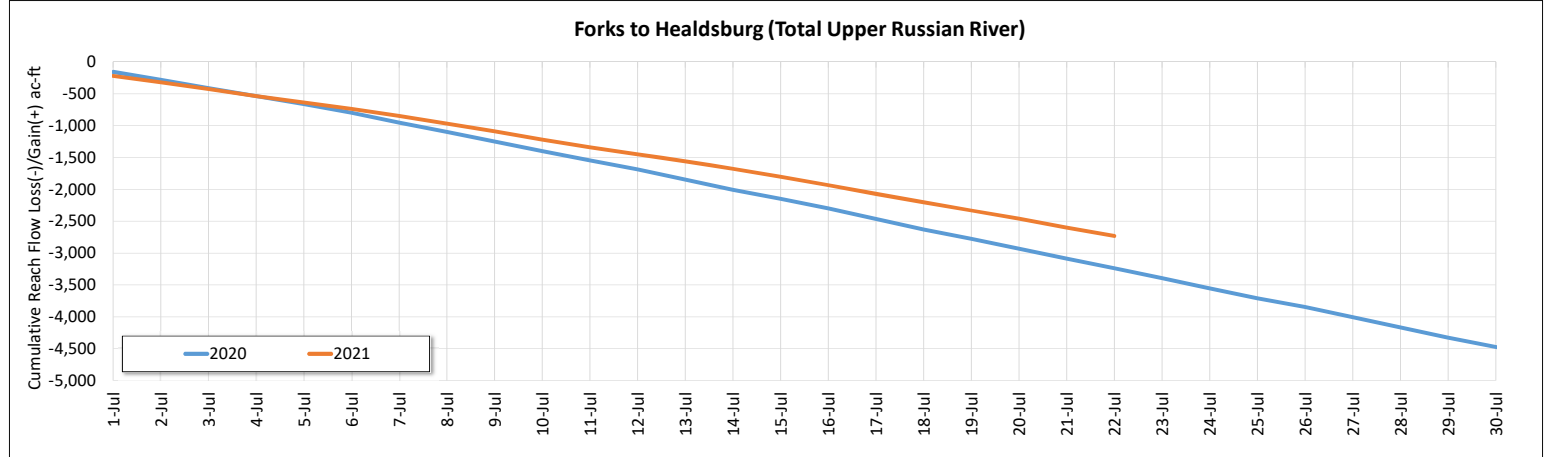
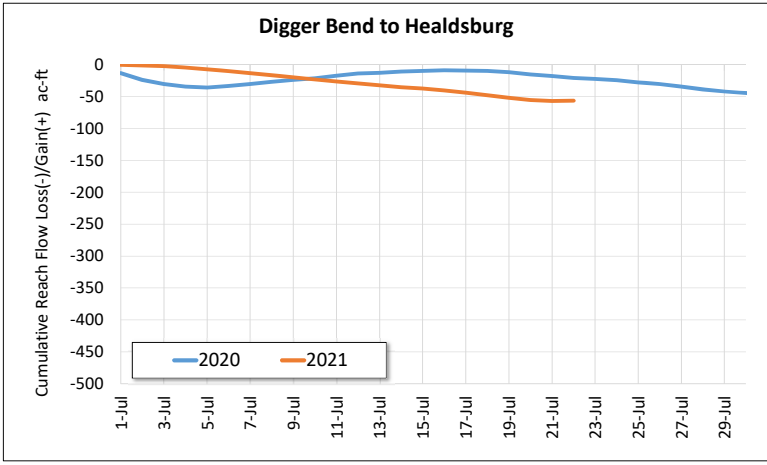
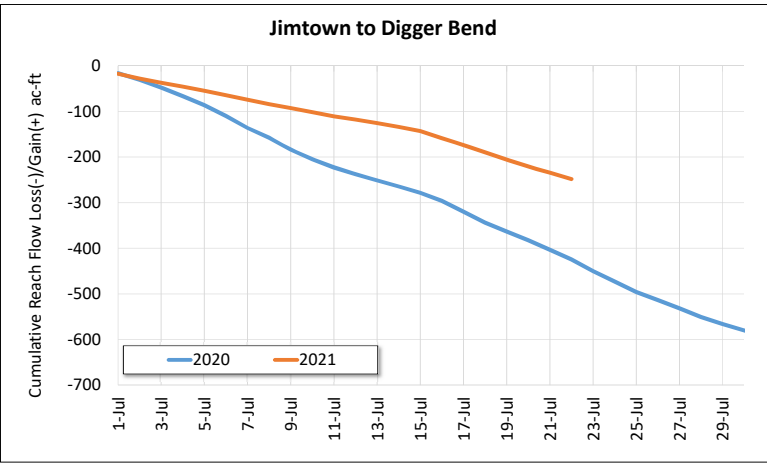
\*West Fork (USGS 11461000) + East Fork (Coyote Valley Dam Release)  
 Note: 24-hr average flows on 07/21/2021 and 07/22/2021 were approximated due to missing data.



### Upper Russian River Flow Gain/Loss (July 1 - July 22, 2021)

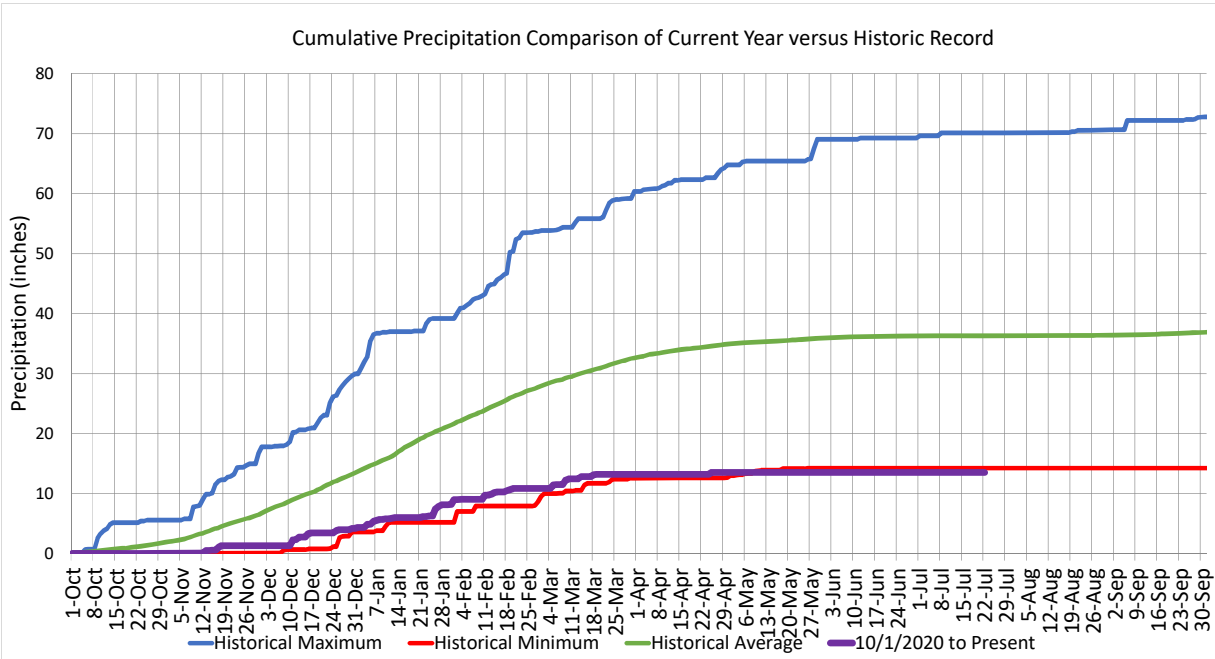


# Upper Russian River Flow Gain/Loss (July 1 - July 22, 2021)

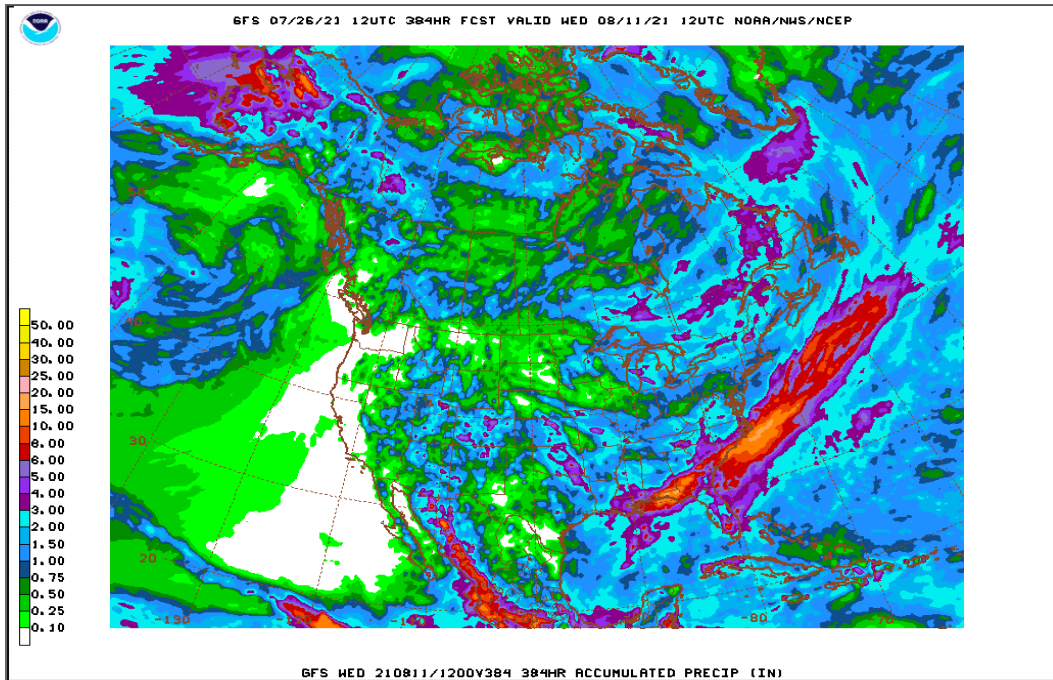


### Precipitation

Ukiah Municipal Airport (WBAN: 72590523275 (KUKI))	
Date Range	Cumulative (inches)
Oct 1, 2020 - Jul 22, 2021	13.48
Last 7 Days*	0.00



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



Date Range	Forecasted Cumulative (inches)
Jul 24 - Aug 8, 2021	0.0