



State Water Resources Control Board
 Temporary Urgency Change Order (6/17/2022)
 Russian River Hydrologic Report
 July 22, 2022 - July 28, 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).

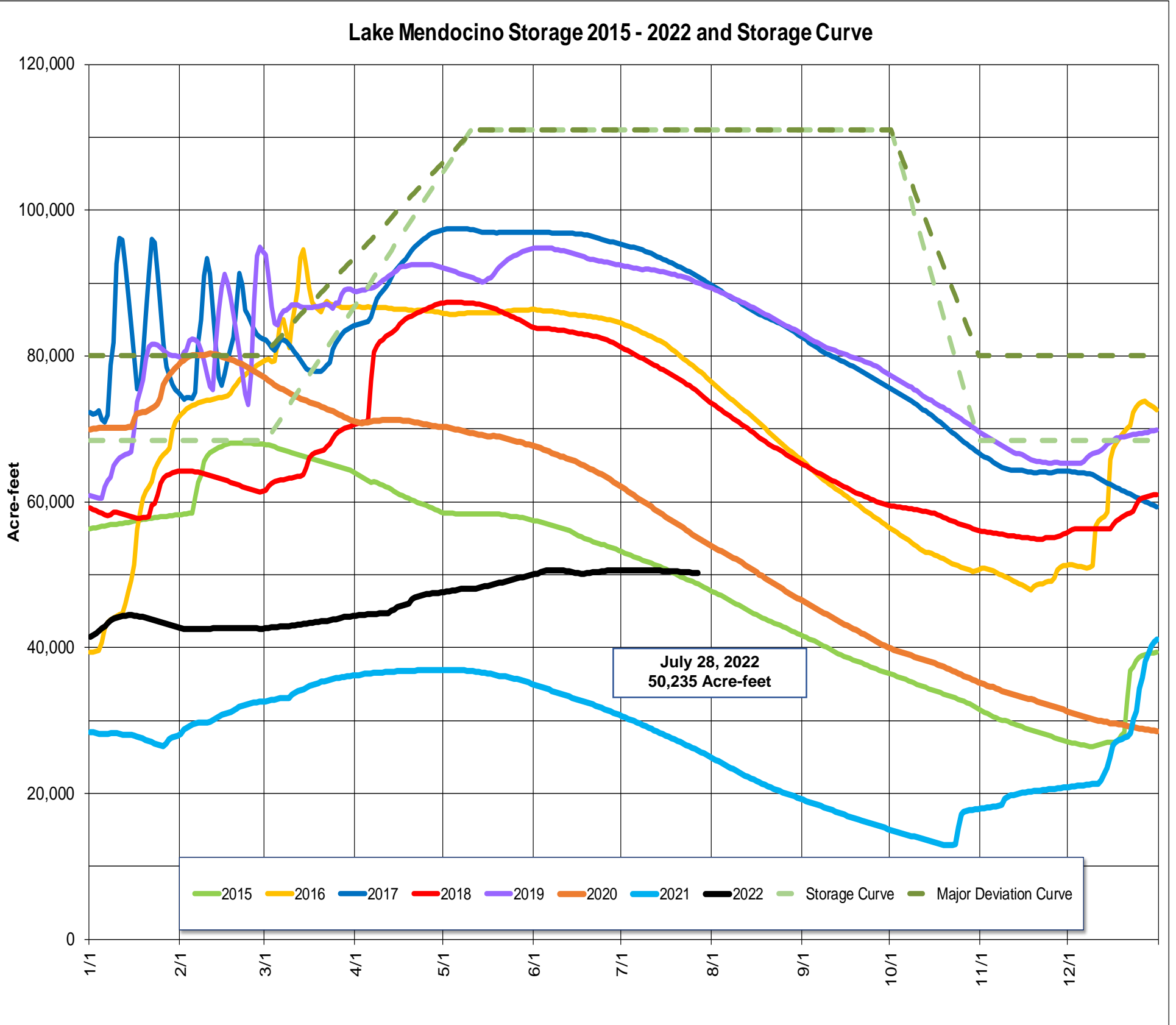
Instream Flow Requirements as of July 28, 2022

| 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



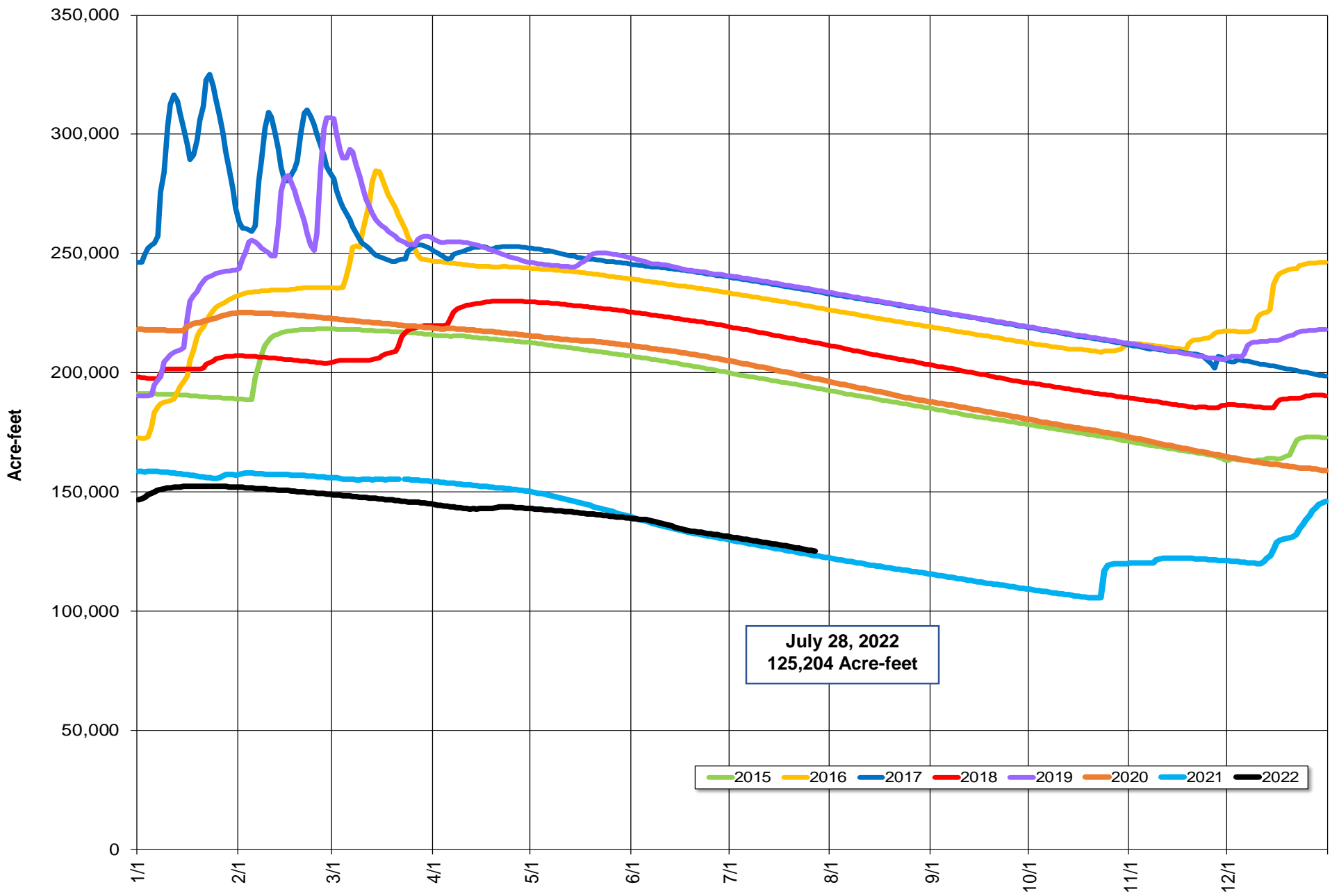
| Storage (acre-feet) | July 28, 2022 | 50,235 | |
|-------------------------------|---------------|--------|--------------------|
| | | Total | Average Daily Rate |
| Change in Storage (acre-feet) | Last 30 days | -497 | -17 |
| | Last 7 days | -151 | -22 |
| Daily Inflow (cfs) | Last 7 days | Min | 75 |
| | | Max | 91 |
| | | Mean | 85 |
| Release (cfs) | Last 7 days | Min | 82 |
| | | Max | 82 |
| | | Mean | 82 |

Lake Sonoma



Nathan Baskett, March 3, 2011

Lake Sonoma Storage 2015-2022



| Storage (acre-feet) | July 28, 2022 | 125,204 | |
|-------------------------------|---------------|---------|--------------------|
| | | | |
| | | Total | Average Daily Rate |
| Change in Storage (acre-feet) | Last 30 days | -7,368 | -246 |
| | Last 7 days | -1,450 | -207 |
| | | | |
| Daily Inflow (cfs) | Last 7 days | Min | 0 |
| | | Max | 0 |
| | | Mean | 0 |
| | | | |
| Release (cfs) | Last 7 days | Min | 99 |
| | | Max | 101 |
| | | Mean | 100 |

Potter Valley Project

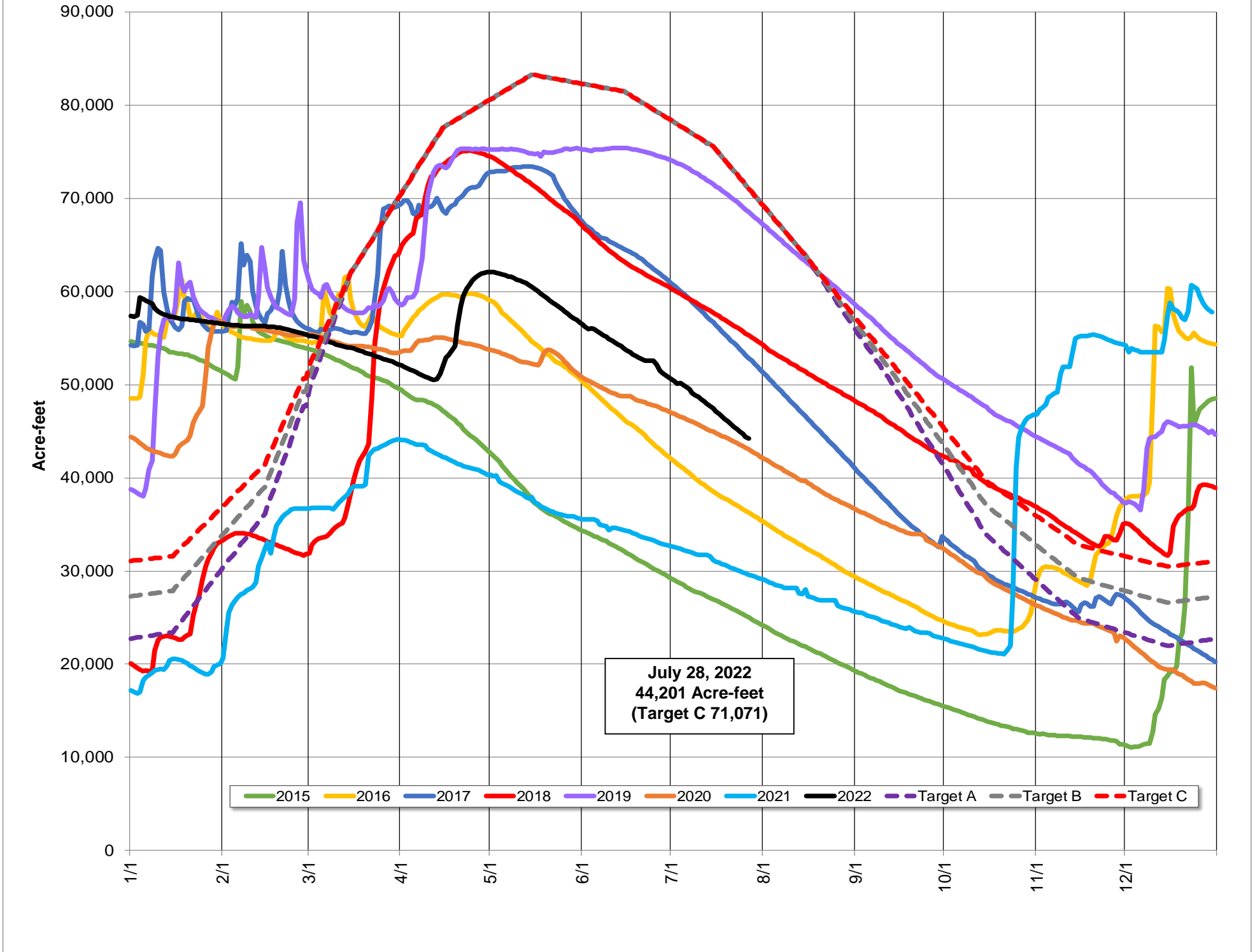
| | | |
|---------------------|---------------|----|
| PVP Diversion (cfs) | July 28, 2022 | 92 |
|---------------------|---------------|----|

Lake Pillsbury

| Parameter | Date Range | Cumulative | Daily Average |
|---------------------|---------------------------------|------------|---------------|
| Inflow* (acre-feet) | October 1, 2021 - July 28, 2022 | 227,351 | 758 |
| | Last 7 days | 170 | 24 |

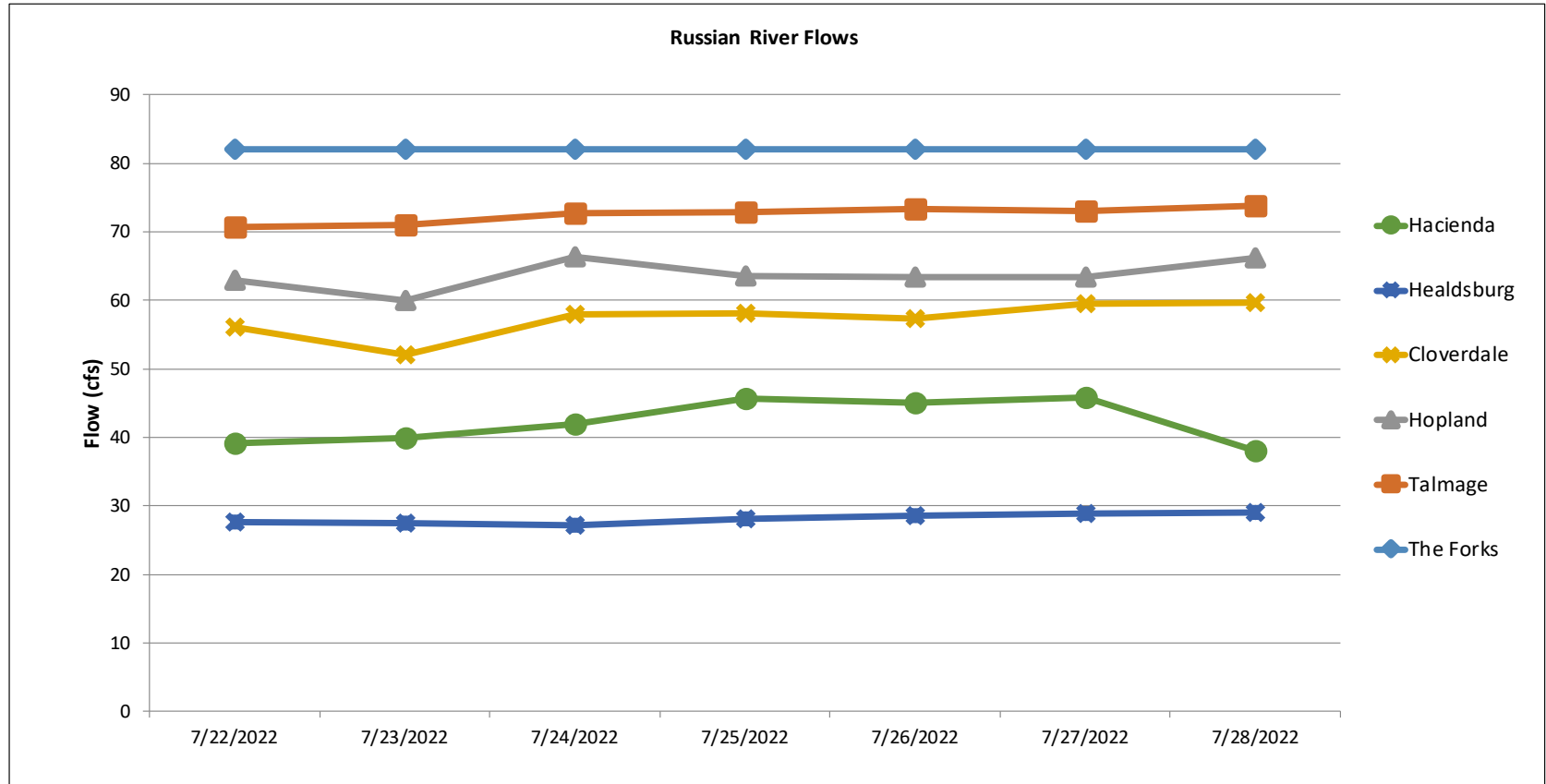
*Inflow calculation based on criteria established in D1610

Lake Pillsbury Storage 2015-2022 and Target Storage Scenarios

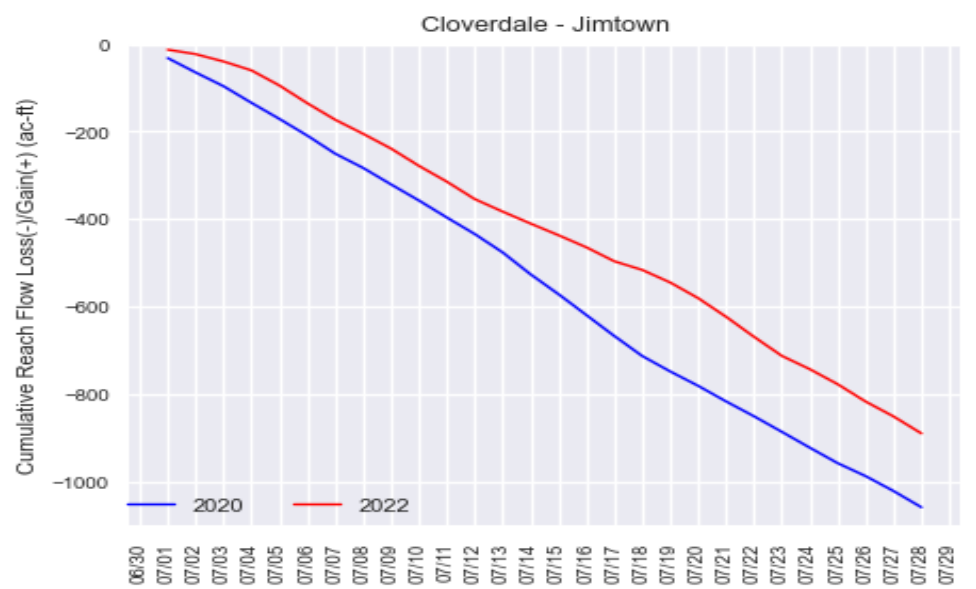
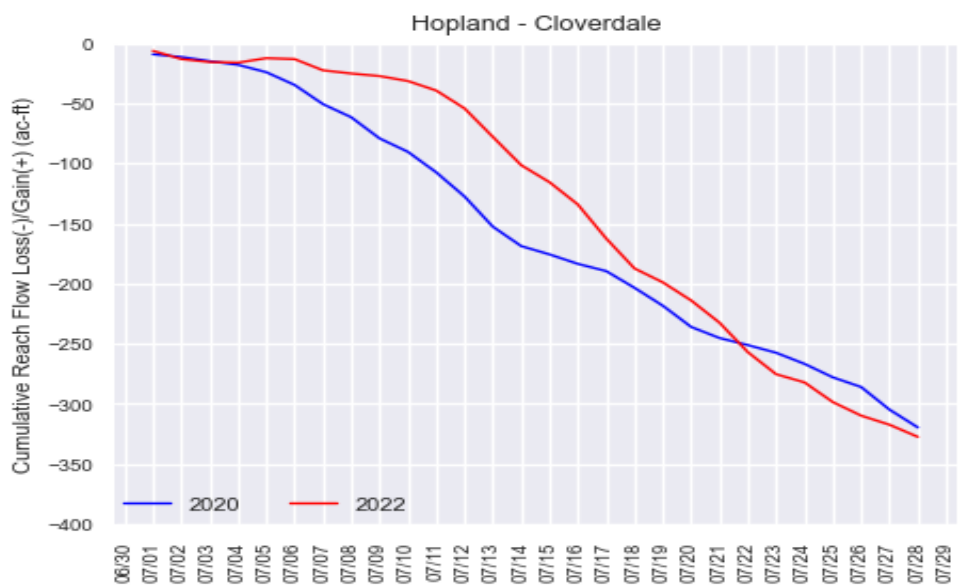
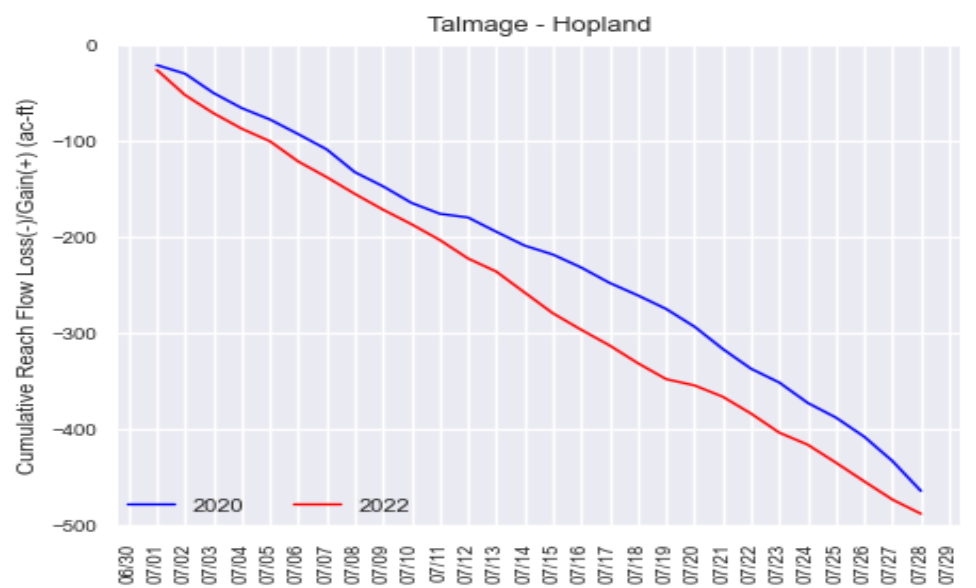
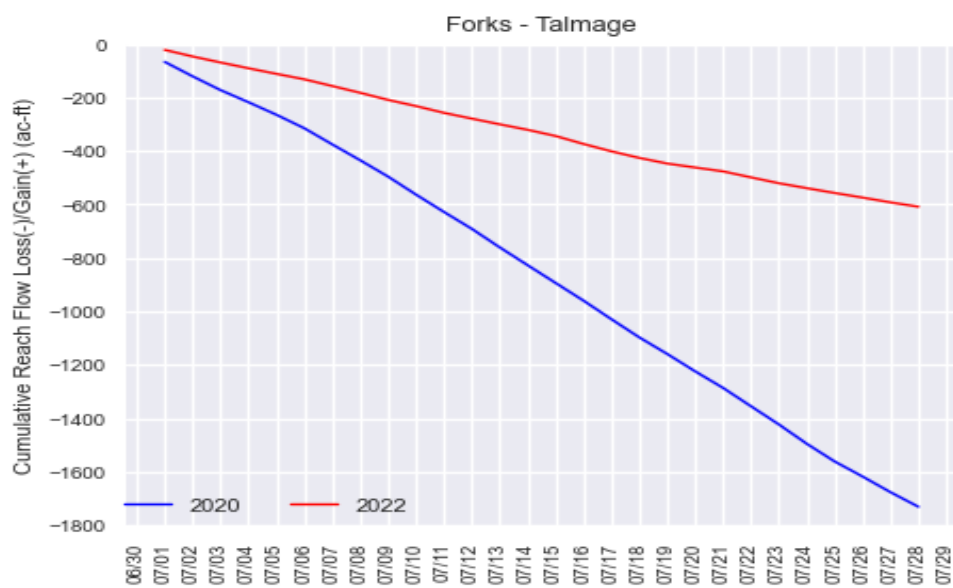


| Gage | 24-hr Average Flow (cfs) | | | | | | |
|-----------------------------|--------------------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | Jul 22, 2022 | Jul 23, 2022 | Jul 24, 2022 | Jul 25, 2022 | Jul 26, 2022 | Jul 27, 2022 | Jul 28, 2022 |
| The Forks* | 82 | 82 | 82 | 82 | 82 | 82 | 82 |
| Talmage USGS 11462080 | 71 | 71 | 73 | 73 | 73 | 73 | 74 |
| Hopland USGS 11462500 | 63 | 60 | 66 | 63 | 63 | 63 | 66 |
| Cloverdale USGS 11463000 | 56 | 52 | 58 | 58 | 57 | 59 | 60 |
| Healdsburg USGS 11464000 | 28 | 28 | 27 | 28 | 29 | 29 | 29 |
| Hacienda USGS 11467000 | 39 | 40 | 42 | 46 | 45 | 46 | 38 |

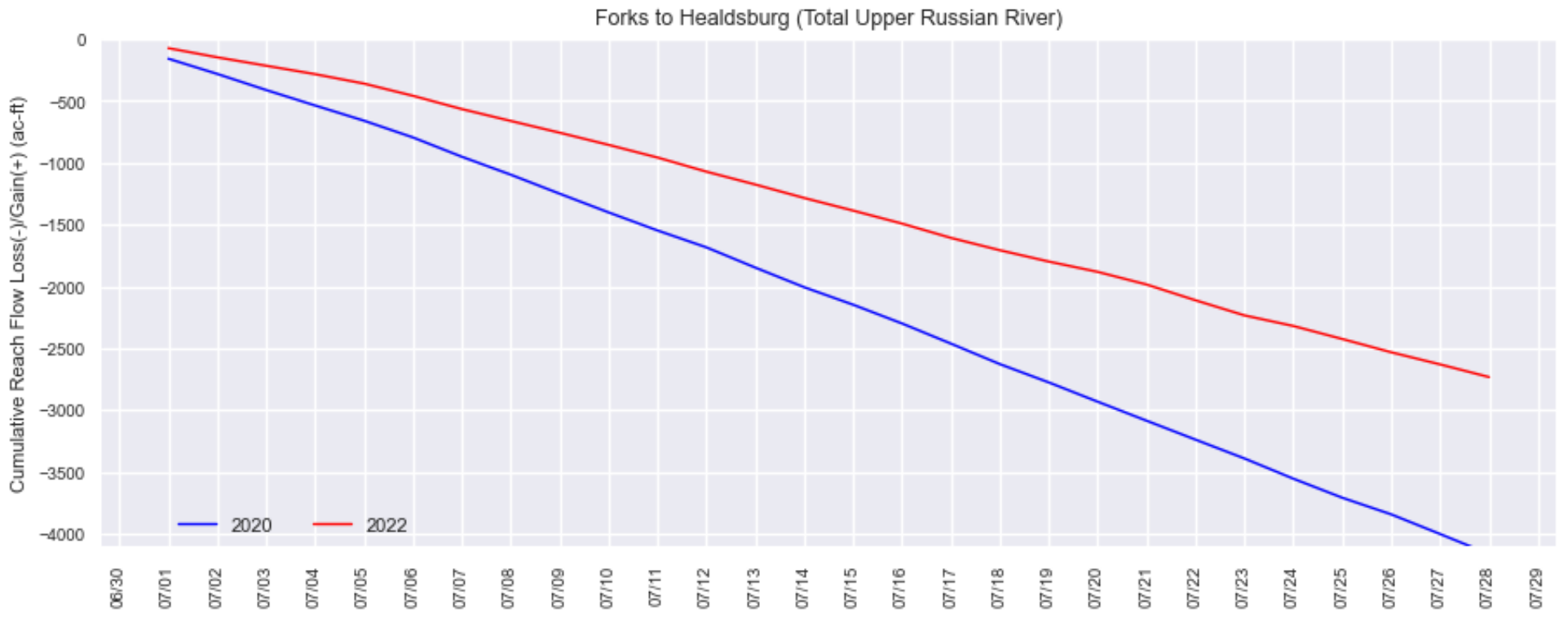
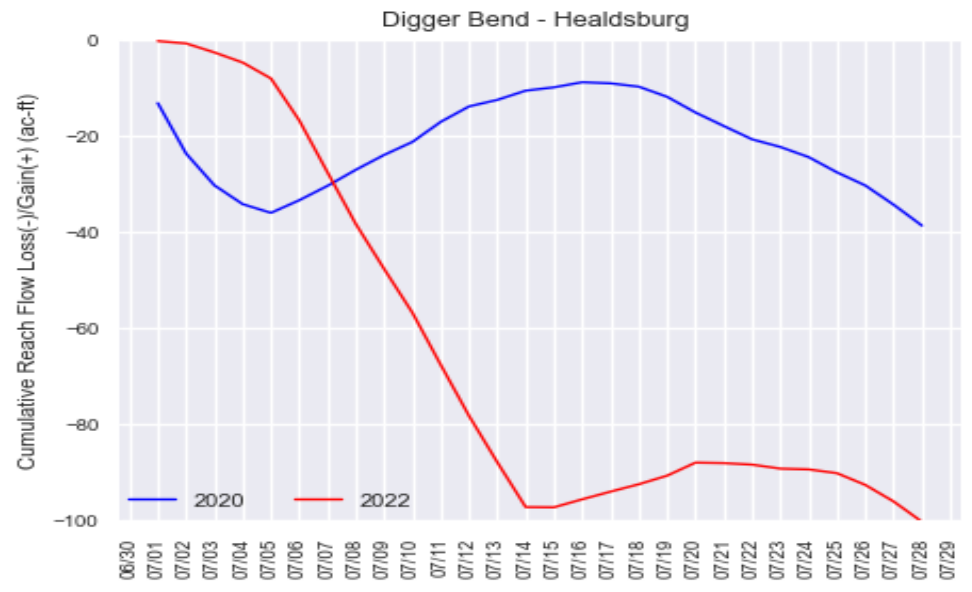
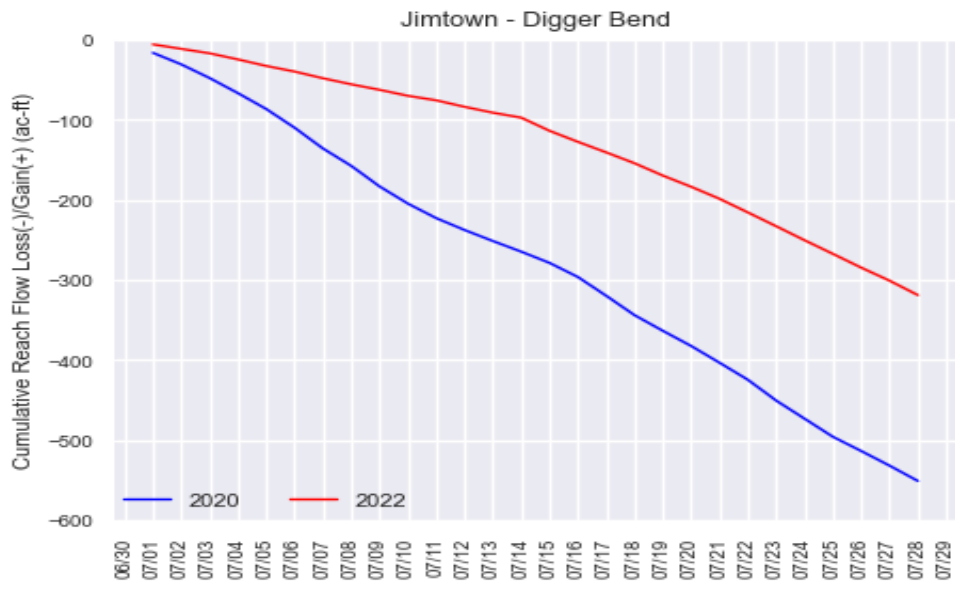
*West Fork(USGS 11461000) + East Fork (Coyote Valley Dam Release)



Upper Russian River Flow Gain/Loss (July 1, 2022 - July 28, 2022)



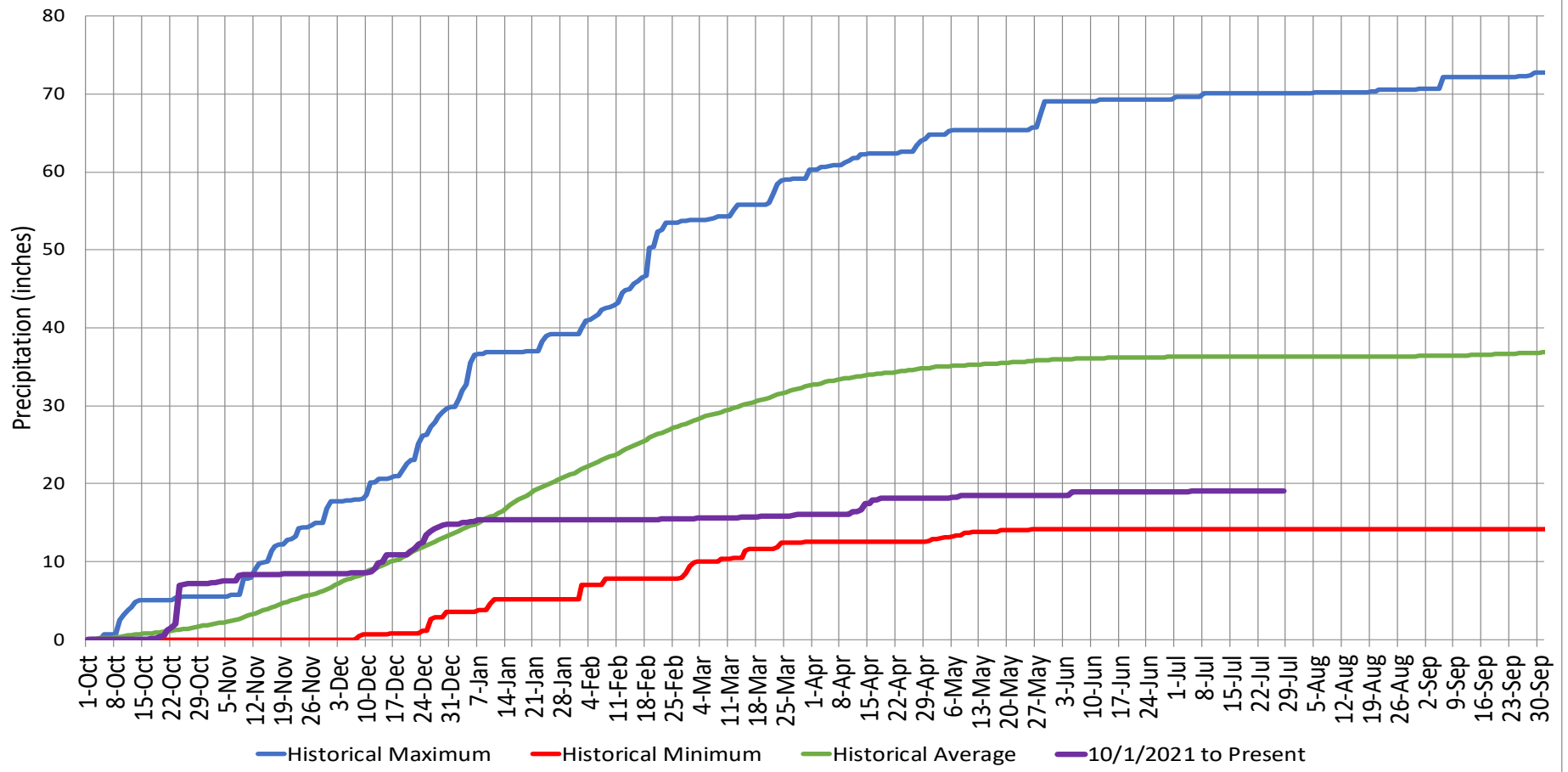
Upper Russian River Flow Gain/Loss (July 1, 2022 - July 28, 2022)



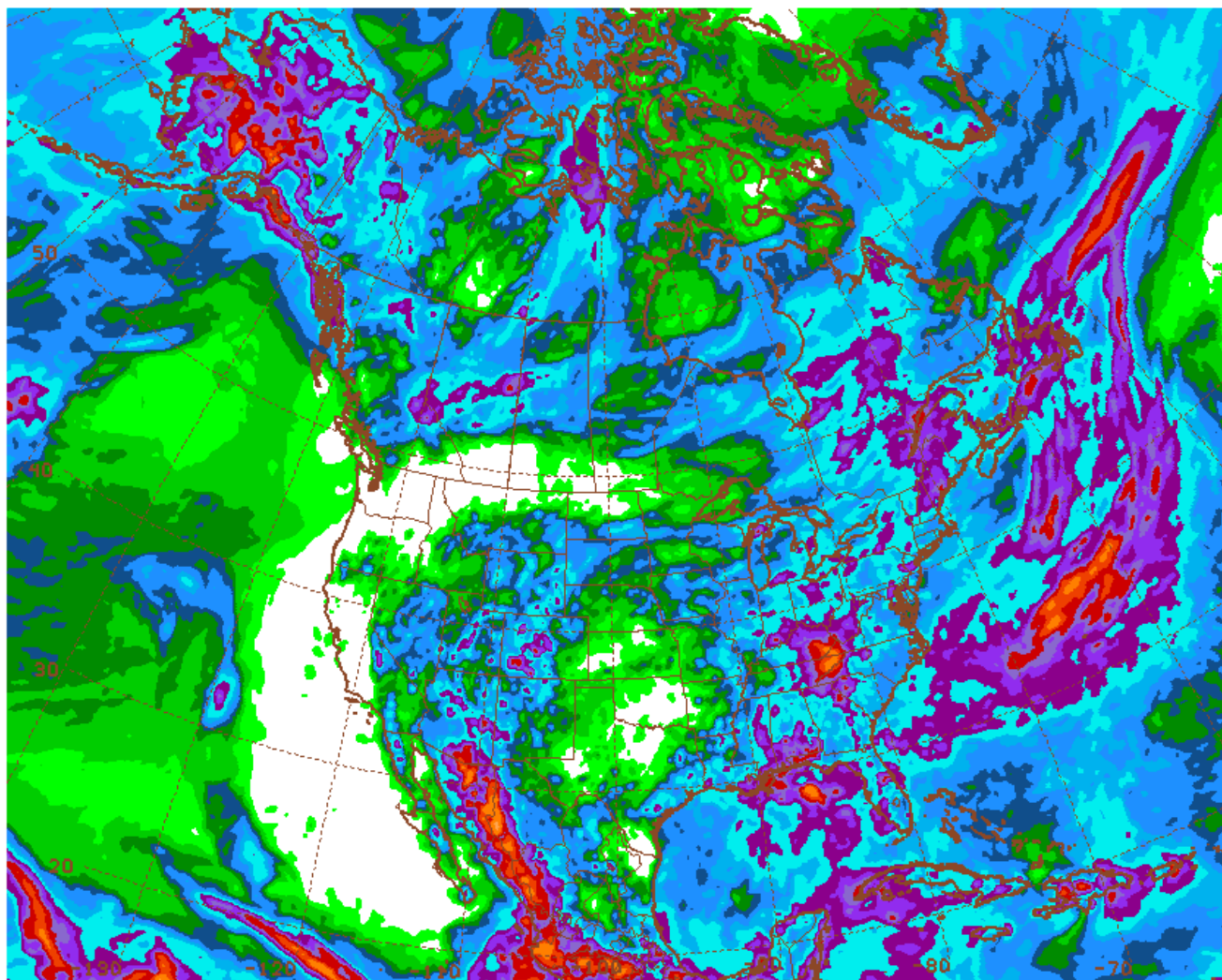
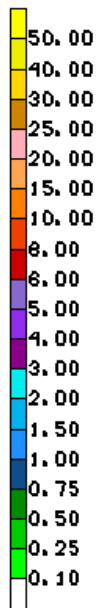
Precipitation

| | |
|--|---------------------|
| Ukiah Municipal Airport (WBAN: 72590523275 (KUKI)) | |
| Date Range | Cumulative (inches) |
| Oct 1, 2021 - Jul 28, 2022 | 19.03 |
| Last 7 Days* | 0.00 |

Cumulative Precipitation Comparison of Current Year versus Historic Record



GFS 08/01/22 12UTC 384HR FCST VALID MED 08/17/22 12UTC NOAA/NWS/NCEP



GFS MED 220817/1200Y384 384HR ACCUMULATED PRECIP (IN)

Date Range
Aug 1 - Aug 17, 2022

Forecasted Cumulative (inches)
0.00