



Sonoma  
Water

State Water Resources Control Board  
Temporary Urgency Change Orders (06/27/2025)  
Russian River Hydrologic & Water Quality Report  
July 18, 2025 - July 24, 2025

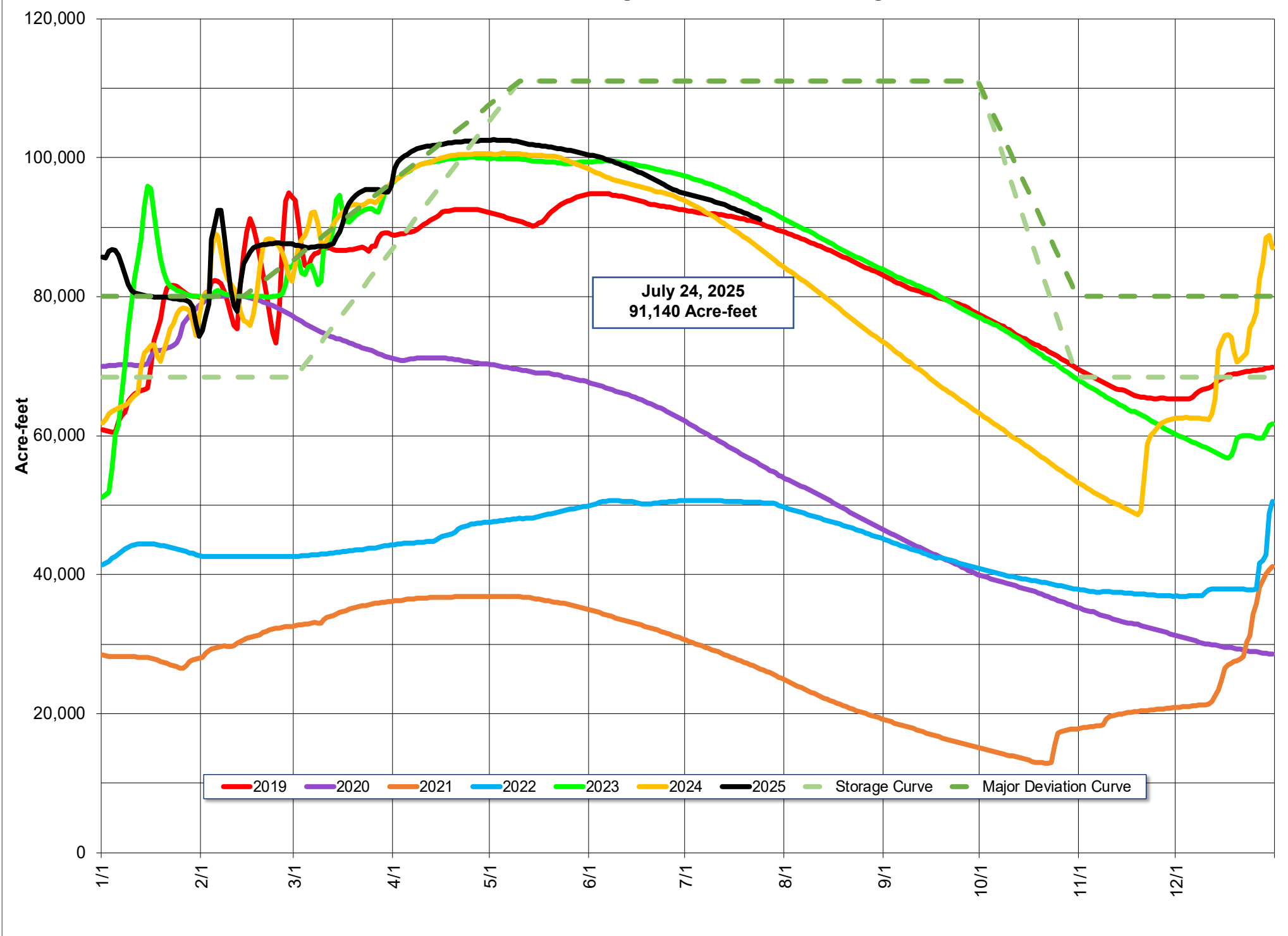
Prepared as a requirement of the Orders approving Sonoma Water's Petition for Temporary Urgency Change in Permits 12947A, 12949, 12950, and 16596 (Applications 12919A, 15736, 15737, and 19351).

Instream Flow Requirements as of July 24, 2025

| Basis                                | Reach               | Instantaneous (cfs) | 5-day Average (cfs) |
|--------------------------------------|---------------------|---------------------|---------------------|
| Modified Per Order: Normal Condition | Upper Russian River | 110                 | 125                 |
| Modified Per Order: Normal Condition | Dry Creek           | 80                  | -                   |
| Modified Per Order: Normal Condition | Lower Russian River | 60                  | 70                  |

Lake Mendocino

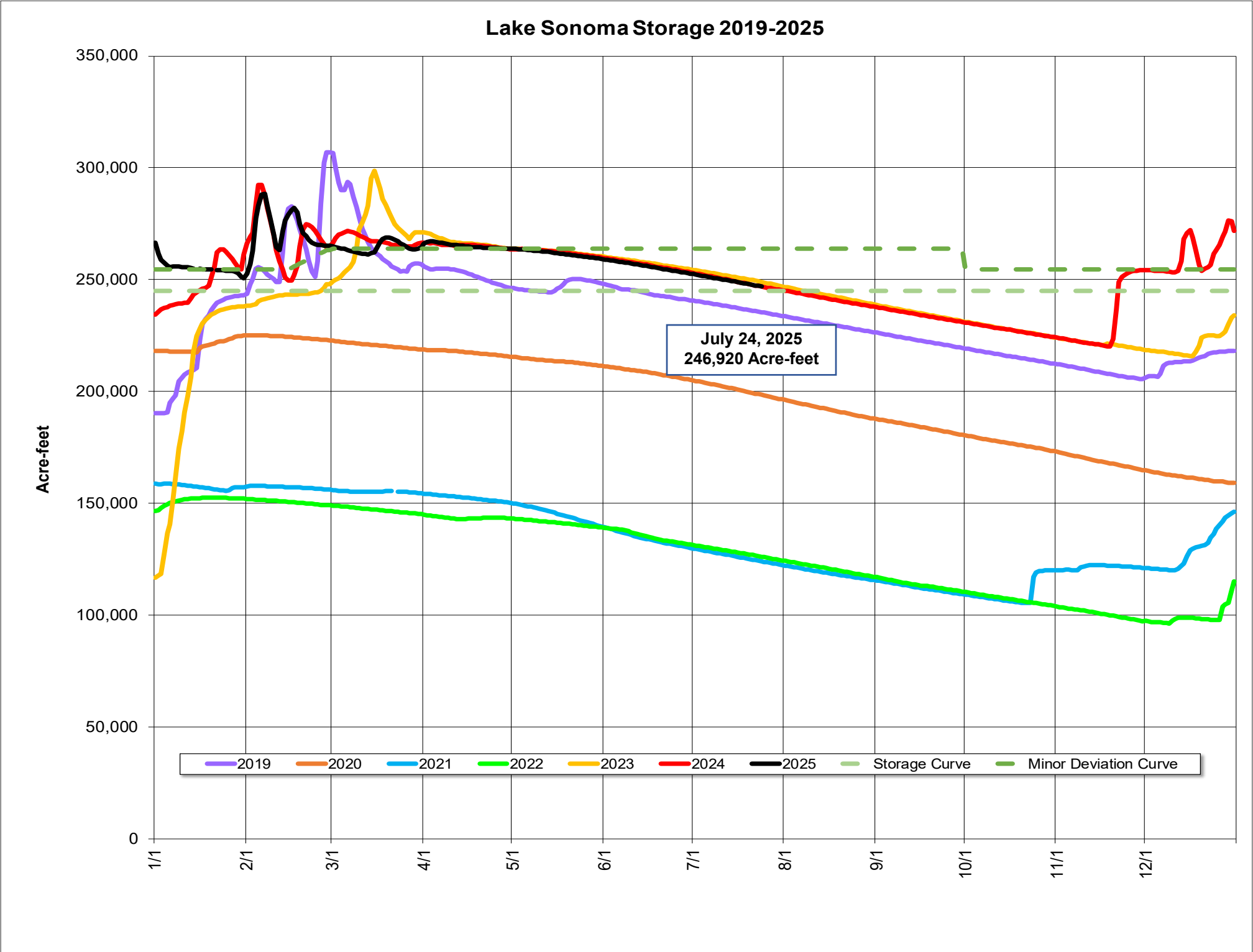
Lake Mendocino Storage 2019 - 2025 and Storage Curve



|                               |               |        |                    |
|-------------------------------|---------------|--------|--------------------|
| Storage (acre-feet)           | July 24, 2025 | 91,140 |                    |
|                               |               | Total  | Average Daily Rate |
| Change in Storage (acre-feet) | Last 30 days  | -5,019 | -167               |
|                               | Last 7 days   | -1,145 | -164               |
| Daily Inflow (cfs)            | Last 7 days   | Min    | 108                |
|                               |               | Max    | 124                |
|                               |               | Mean   | 115                |
| Release (cfs)                 | Last 7 days   | Min    | 170                |
|                               |               | Max    | 197                |
|                               |               | Mean   | 191                |



Todd Schram, February 10 , 2024



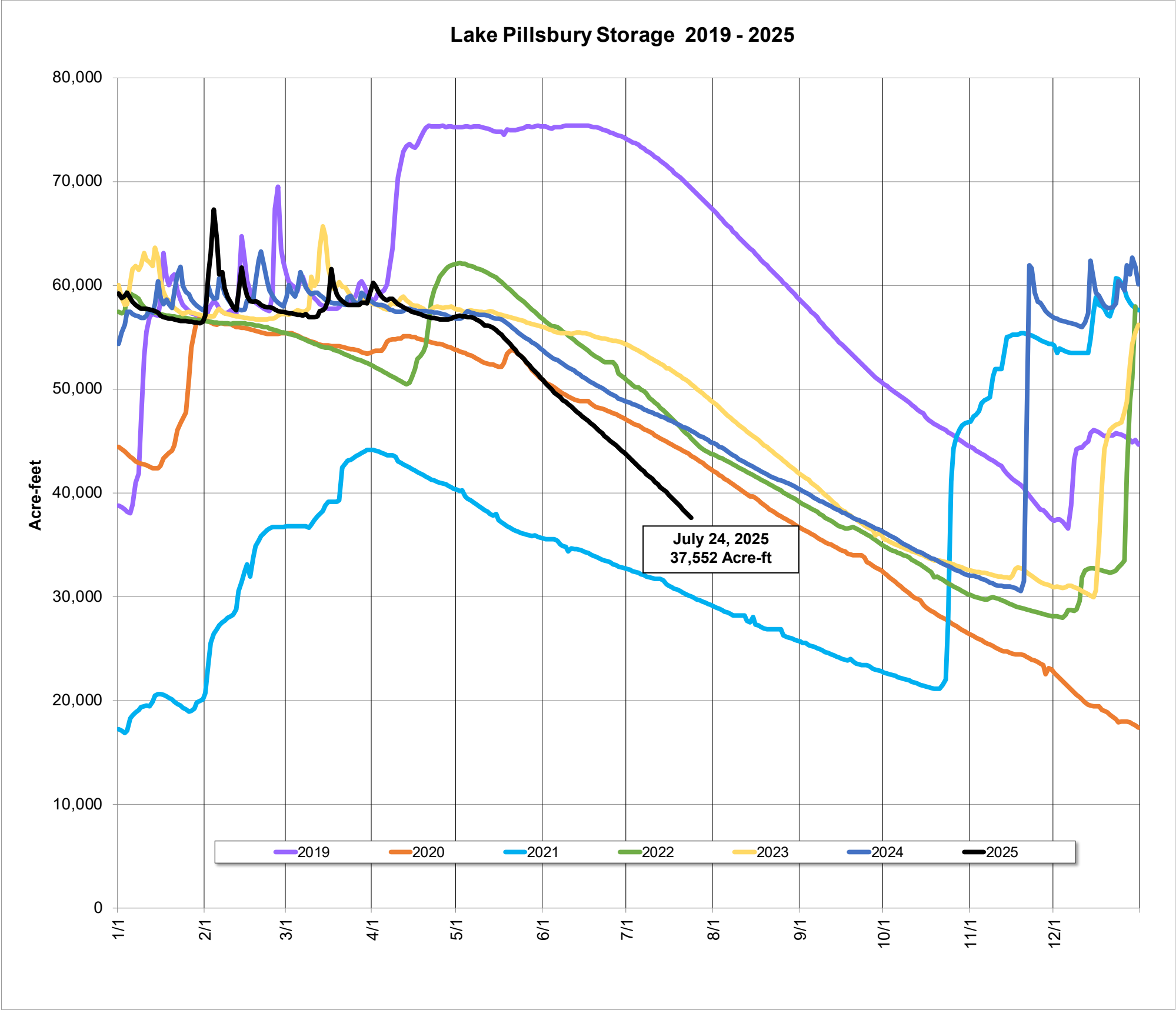
|                               |               |         |                    |
|-------------------------------|---------------|---------|--------------------|
| Storage (acre-feet)           | July 24, 2025 | 246,920 |                    |
|                               |               | Total   | Average Daily Rate |
| Change in Storage (acre-feet) | Last 30 days  | -7,096  | -237               |
|                               | Last 7 days   | -1,488  | -213               |
| Daily Inflow (cfs)            | Last 7 days   | Min     | 0                  |
|                               |               | Max     | 21                 |
|                               |               | Mean    | 6                  |
| Release (cfs)                 | Last 7 days   | Min     | 107                |
|                               |               | Max     | 112                |
|                               |               | Mean    | 109                |

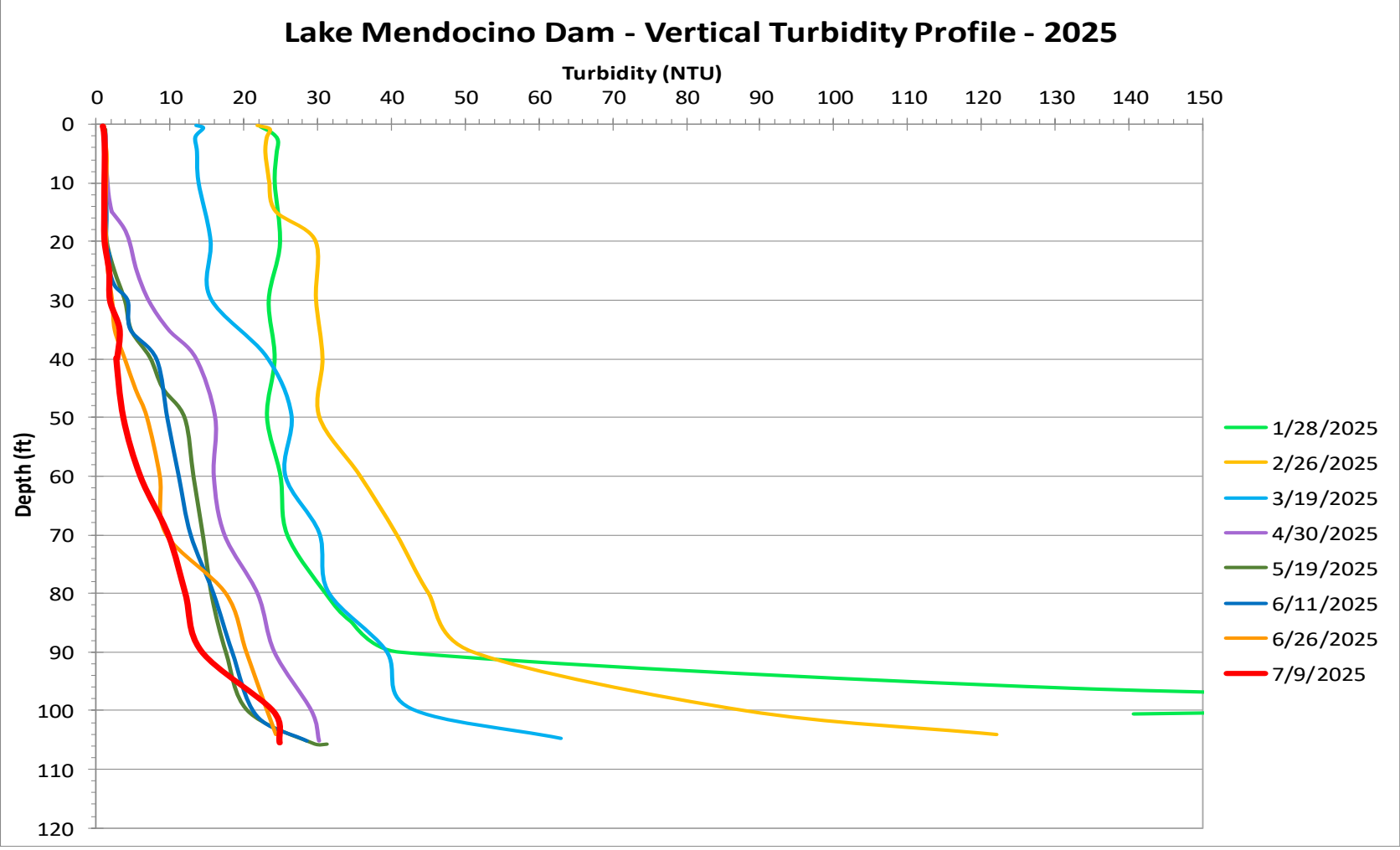
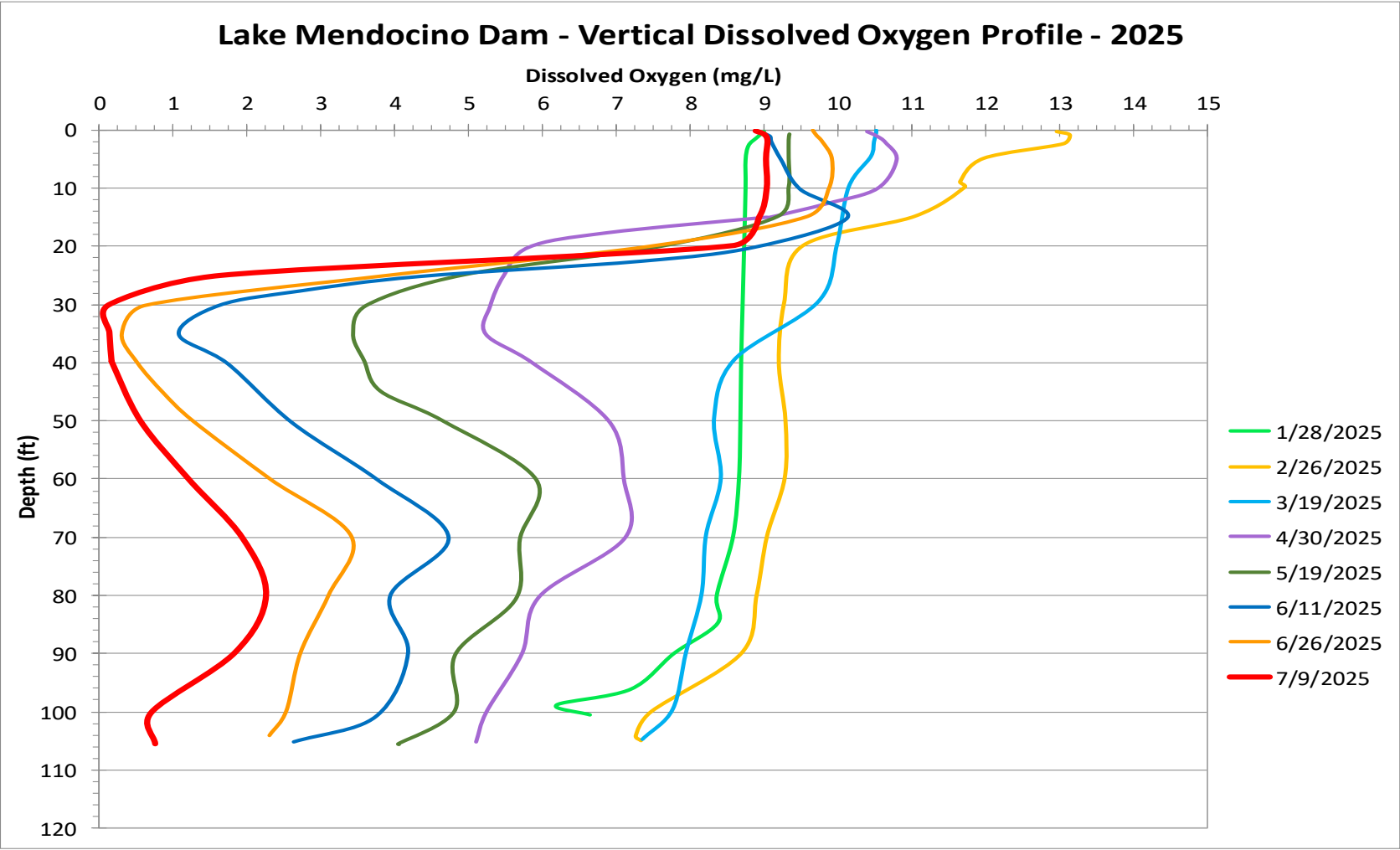
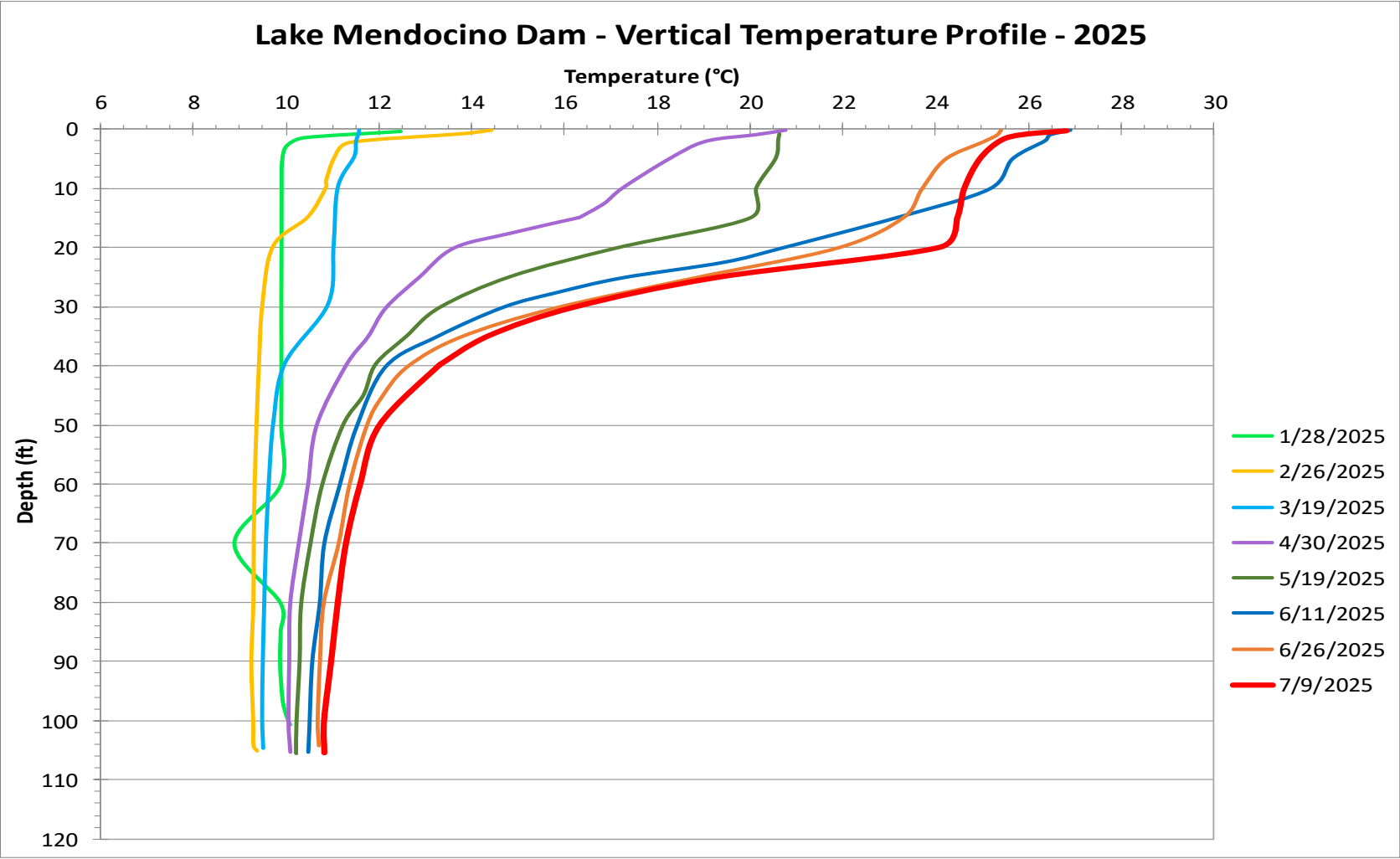
Potter Valley Project

|                        |               |     |
|------------------------|---------------|-----|
| PVP Diversion<br>(cfs) | July 24, 2025 | 125 |
|------------------------|---------------|-----|

| Parameter              | Date Range                      | Cumulative | Daily Average |
|------------------------|---------------------------------|------------|---------------|
| Inflow*<br>(acre-feet) | October 1, 2024 - July 24, 2025 | 610,706    | 2,056         |
|                        | Last 7 days                     | 388        | 55            |

\*Inflow calculation based on criteria established in D1610

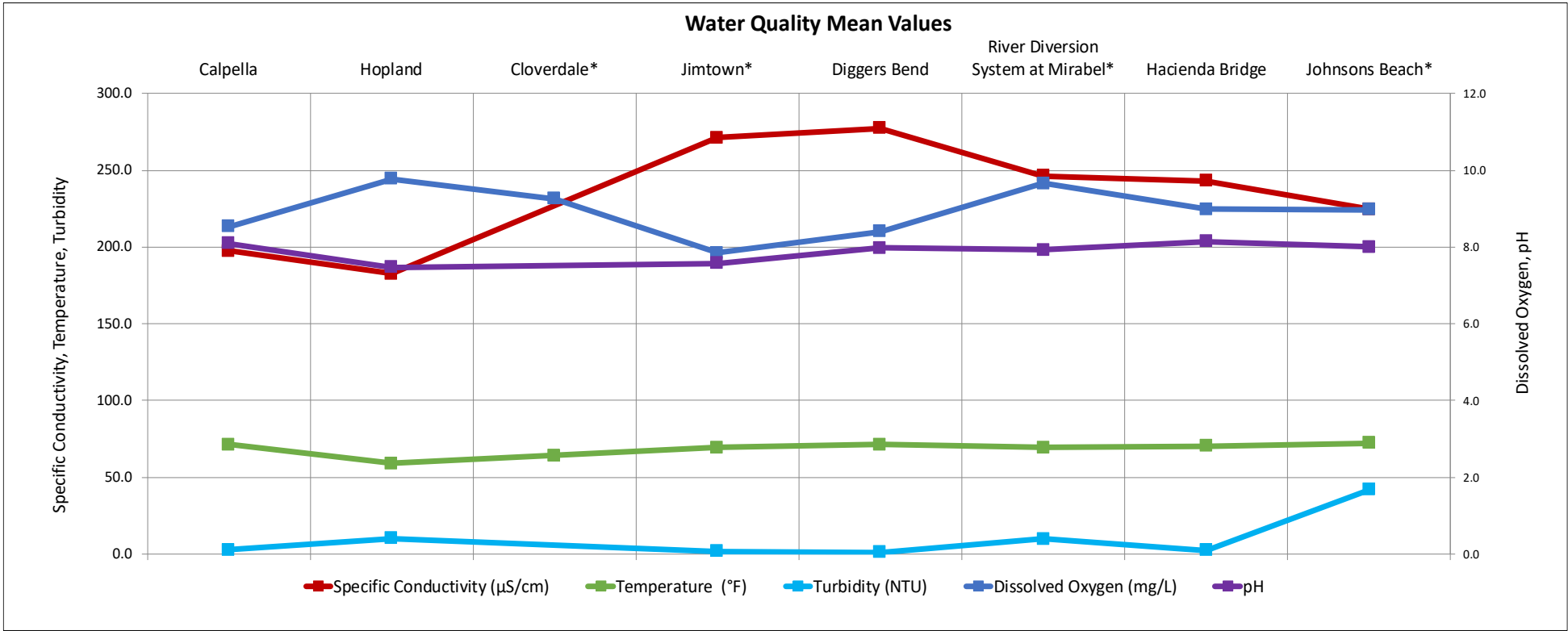




Russian River Flows (July 18, 2025 - July 24, 2025)

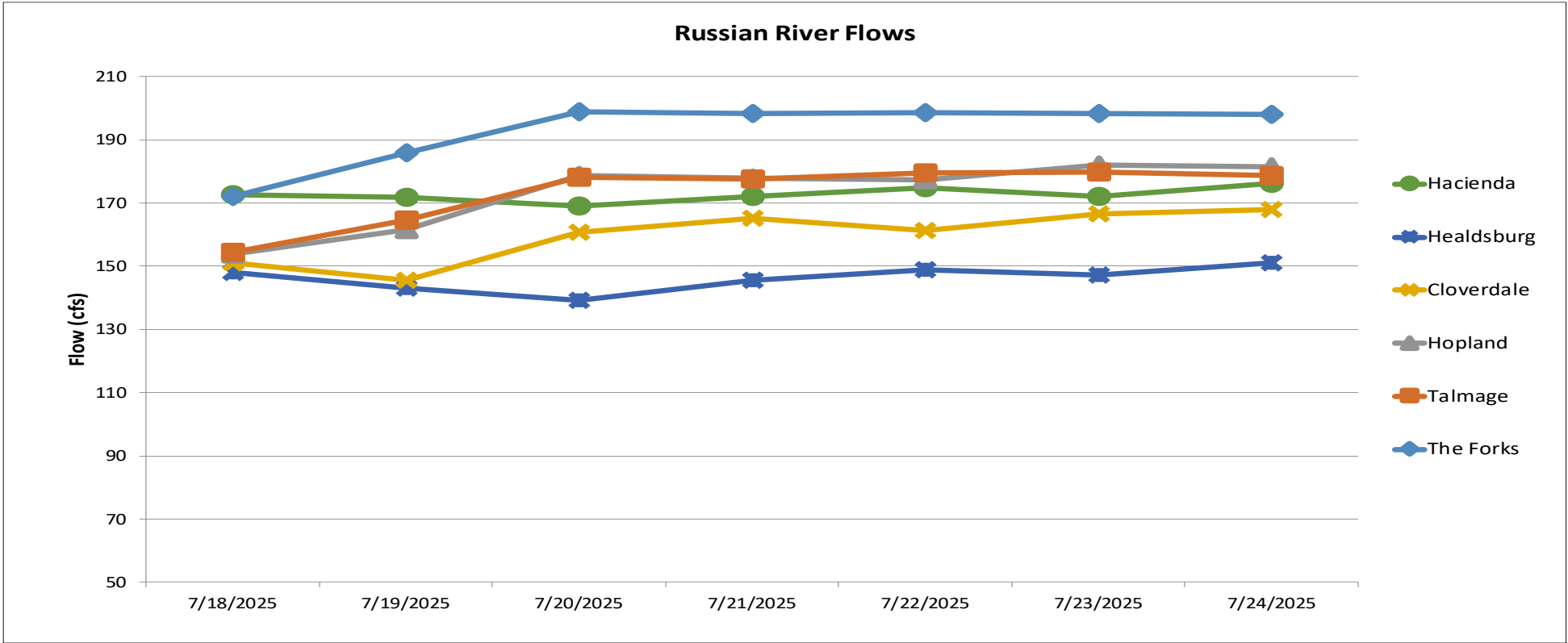
| Parameter                       |      | Calpella      | Hopland       | Cloverdale*   | Jimtown*      | Diggers Bend  | River Diversion System at Mirabel* | Hacienda Bridge | Johnsons Beach* |
|---------------------------------|------|---------------|---------------|---------------|---------------|---------------|------------------------------------|-----------------|-----------------|
|                                 |      | USGS 11461500 | USGS 11462500 | USGS 11463000 | USGS 11463682 | USGS 11463980 | SCWA                               | USGS 11467000   | SCWA            |
| Temperature (°F)                | Min  | 68.0          | 56.5          | 61.5          | 66.9          | 68.0          | 68.2                               | 67.3            | 70.6            |
|                                 | Max  | 74.5          | 61.3          | 68.4          | 73.2          | 75.2          | 70.3                               | 73.9            | 74.0            |
|                                 | Mean | 71.3          | 58.8          | 64.2          | 69.3          | 71.2          | 69.2                               | 70.3            | 72.1            |
| Specific Conductivity (µS/cm)   | Min  | 194.0         | 181.0         |               | 266.0         | 273.0         | 243.4                              | 240.0           | 115.2           |
|                                 | Max  | 201.0         | 185.0         |               | 276.0         | 282.0         | 250.2                              | 246.0           | 240.9           |
|                                 | Mean | 197.5         | 182.6         |               | 271.2         | 277.3         | 246.3                              | 243.1           | 224.7           |
| Dissolved Oxygen (mg/L)         | Min  | 8.0           | 9.0           | 8.0           | 6.7           | 7.3           | 8.8                                | 7.8             | 8.1             |
|                                 | Max  | 9.4           | 10.8          | 11.2          | 9.6           | 9.9           | 10.9                               | 10.1            | 9.7             |
|                                 | Mean | 8.5           | 9.8           | 9.3           | 7.8           | 8.4           | 9.7                                | 9.0             | 9.0             |
| Dissolved Oxygen (% Saturation) | Min  | 91.9          | 88.9          | 82.8          | 73.2          | 81.1          | 97.6                               | 85.3            | 93.5            |
|                                 | Max  | 108.6         | 108.5         | 121.9         | 110.4         | 115.2         | 122.7                              | 116.8           | 113.4           |
|                                 | Mean | 97.2          | 96.8          | 97.8          | 87.8          | 95.9          | 107.6                              | 101.6           | 103.2           |
| pH                              | Min  | 7.9           | 7.4           |               | 7.5           | 7.8           | 7.8                                | 7.9             | 7.7             |
|                                 | Max  | 8.4           | 7.7           |               | 7.8           | 8.2           | 8.1                                | 8.4             | 8.2             |
|                                 | Mean | 8.1           | 7.5           |               | 7.6           | 8.0           | 7.9                                | 8.1             | 8.0             |
| Turbidity (NTU)                 | Min  | 1.6           | 8.0           |               | 0.8           | 0.2           | 1.3                                | 1.0             | 0.1             |
|                                 | Max  | 4.0           | 12.4          |               | 2.8           | 2.2           | 252.5                              | 3.6             | 616.1           |
|                                 | Mean | 2.4           | 10.1          |               | 1.5           | 1.1           | 9.6                                | 2.2             | 41.6            |

\*Station operated seasonally



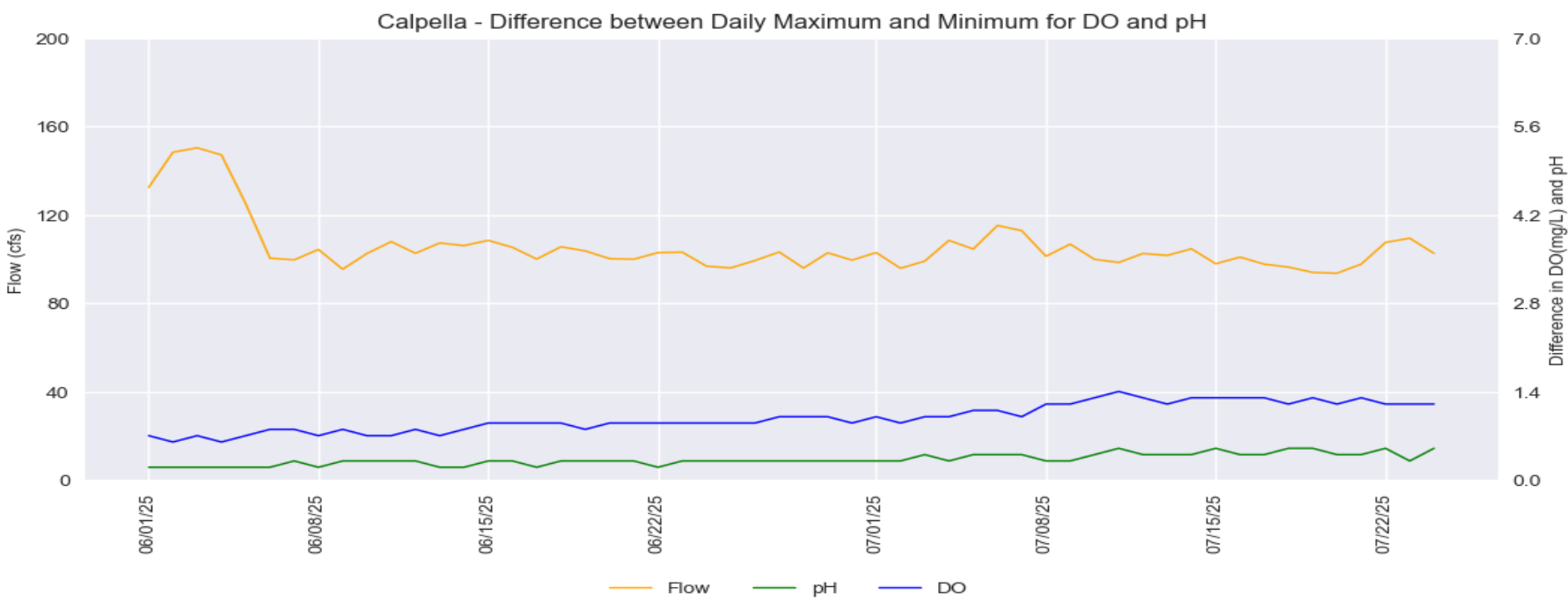
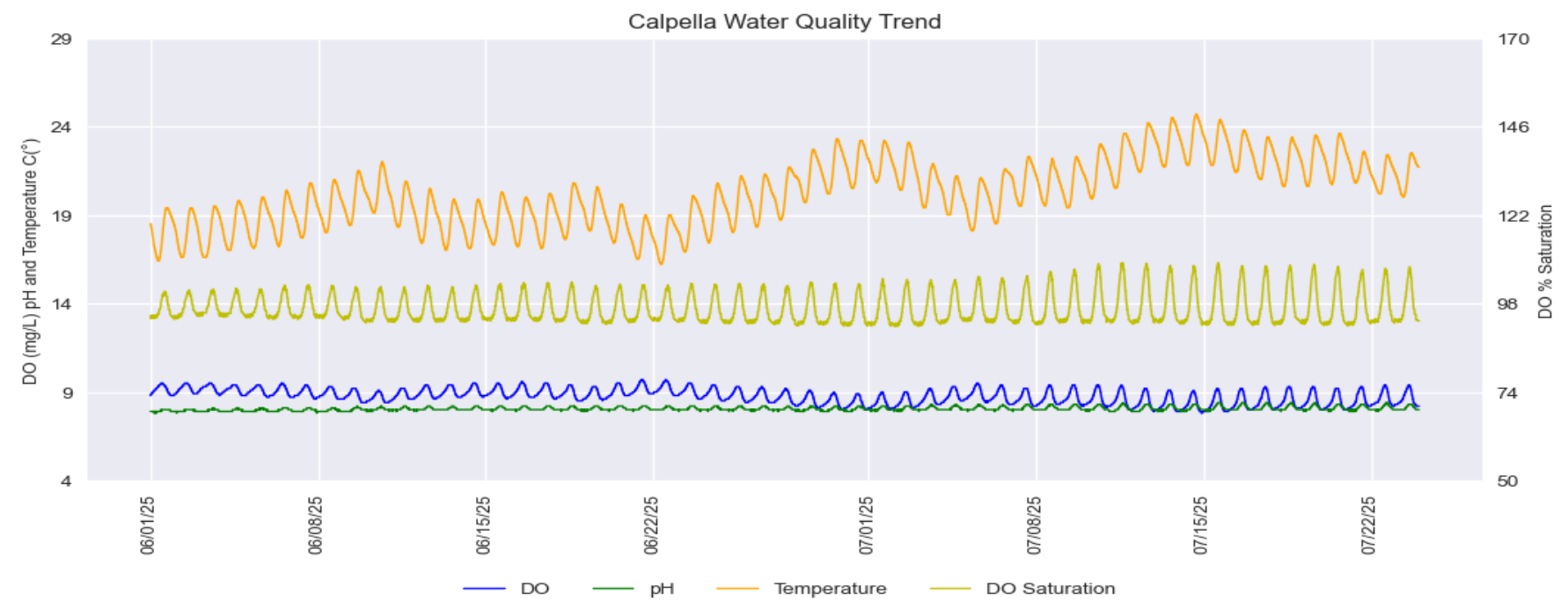
| Gage                        | 24-hr Average Flow (cfs) |              |              |              |              |              |              |
|-----------------------------|--------------------------|--------------|--------------|--------------|--------------|--------------|--------------|
|                             | Jul 18, 2025             | Jul 19, 2025 | Jul 20, 2025 | Jul 21, 2025 | Jul 22, 2025 | Jul 23, 2025 | Jul 24, 2025 |
| The Forks*                  | 172                      | 186          | 199          | 198          | 198          | 198          | 198          |
| Talmage<br>USGS 11462080    | 154                      | 165          | 178          | 178          | 179          | 180          | 179          |
| Hopland<br>USGS 11462500    | 154                      | 161          | 179          | 178          | 177          | 182          | 181          |
| Cloverdale<br>USGS 11463000 | 151                      | 146          | 161          | 165          | 161          | 167          | 168          |
| Healdsburg<br>USGS 11464000 | 148                      | 143          | 139          | 146          | 149          | 147          | 151          |
| Hacienda<br>USGS 11467000   | 173                      | 172          | 169          | 172          | 175          | 172          | 176          |

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

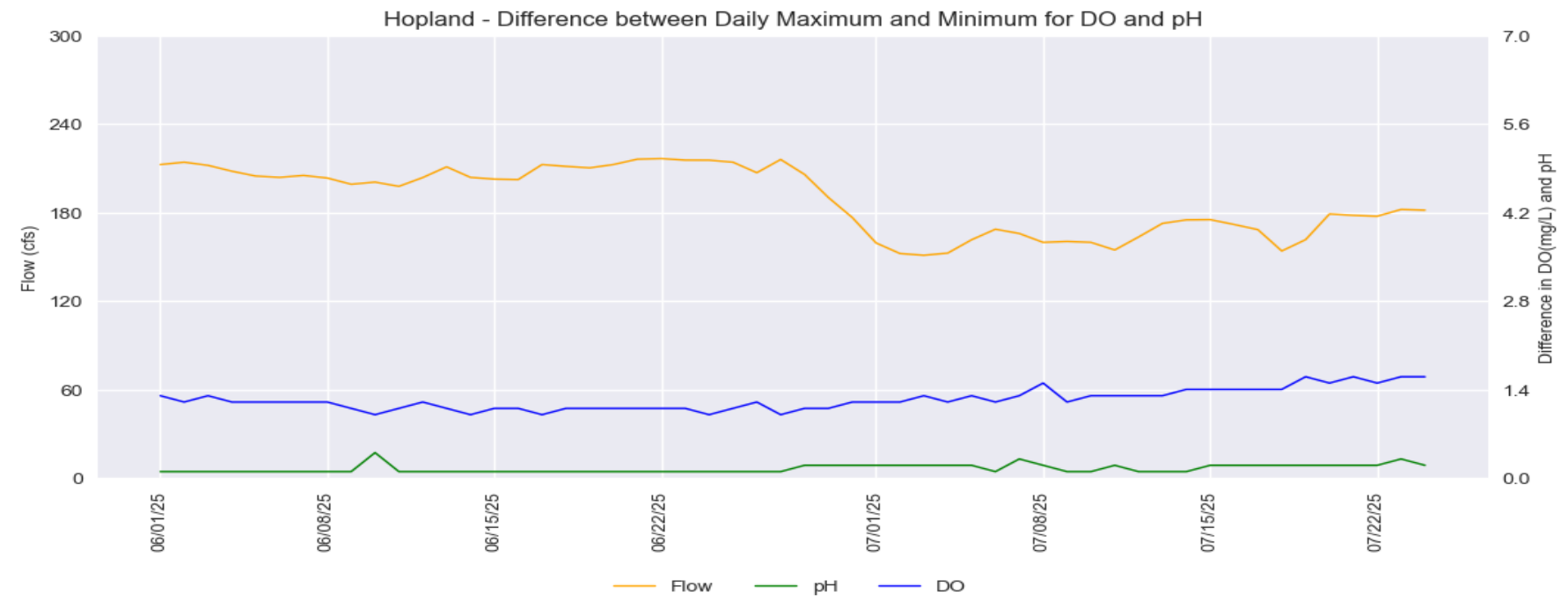
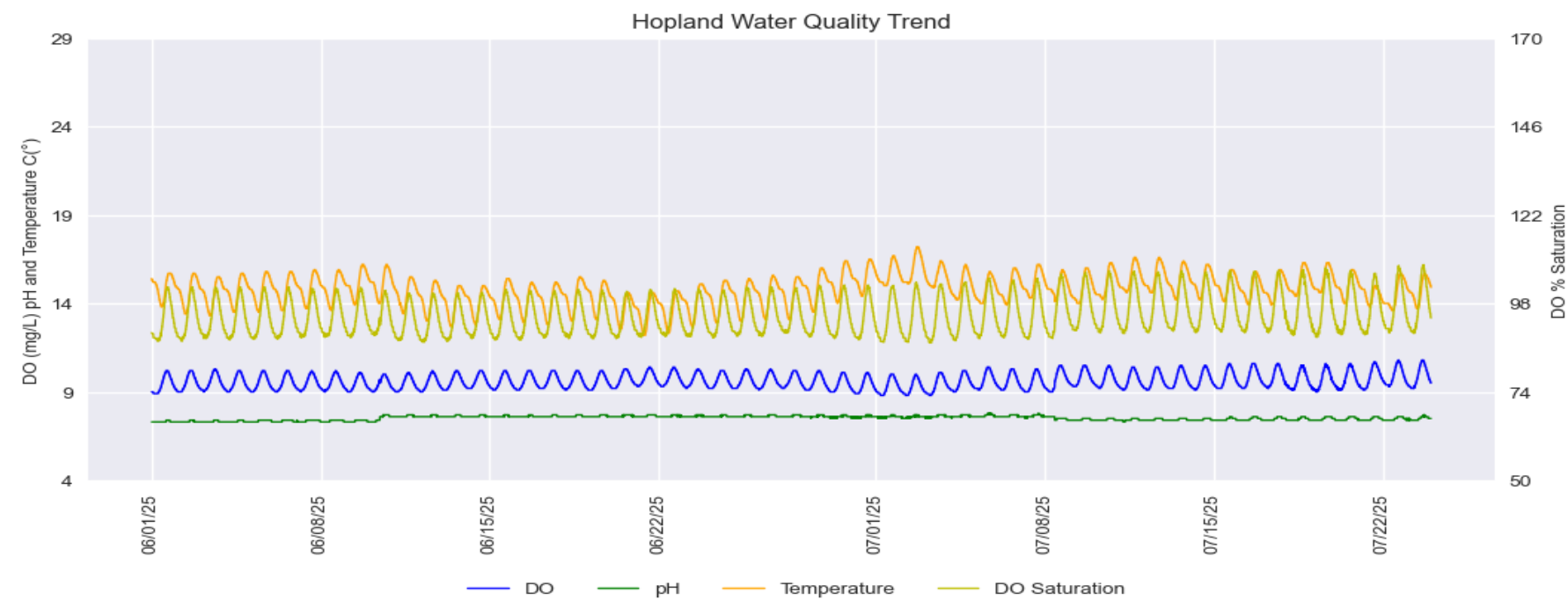


Russian River Water Quality June 1, 2025 – July 24, 2025  
Provisional Data Subject to Revision

Calpella



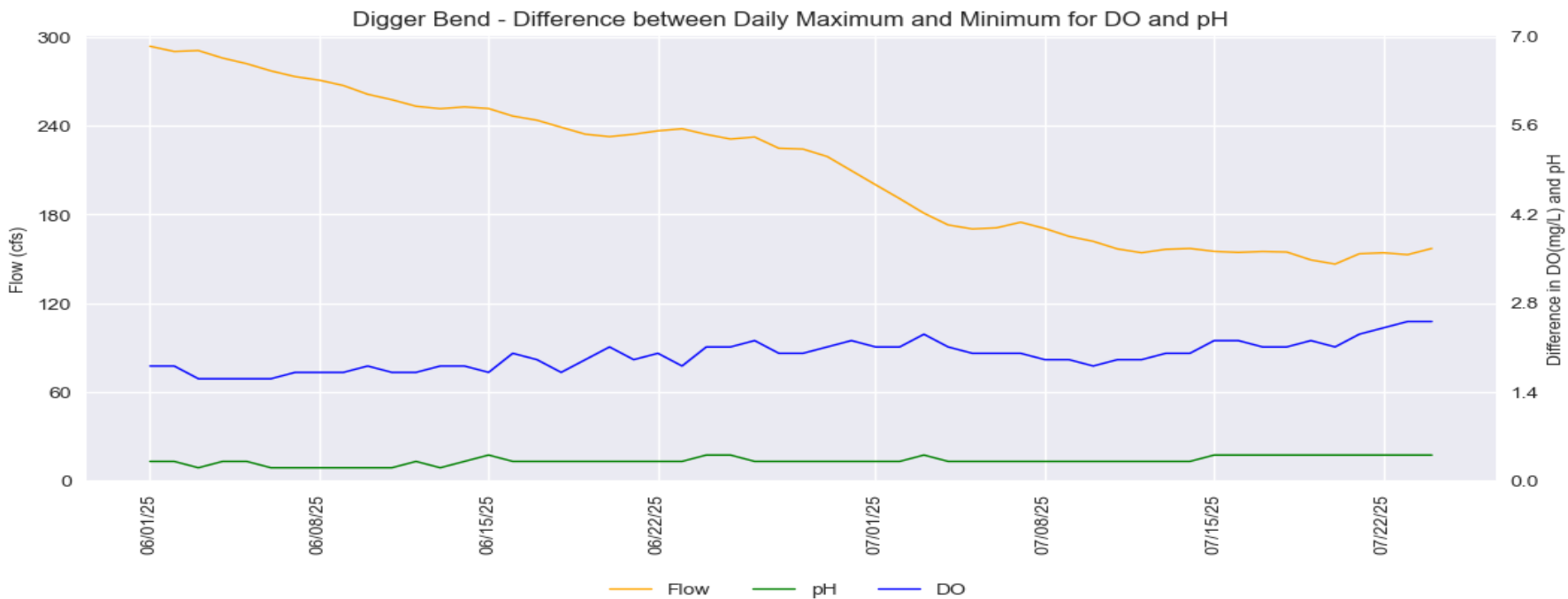
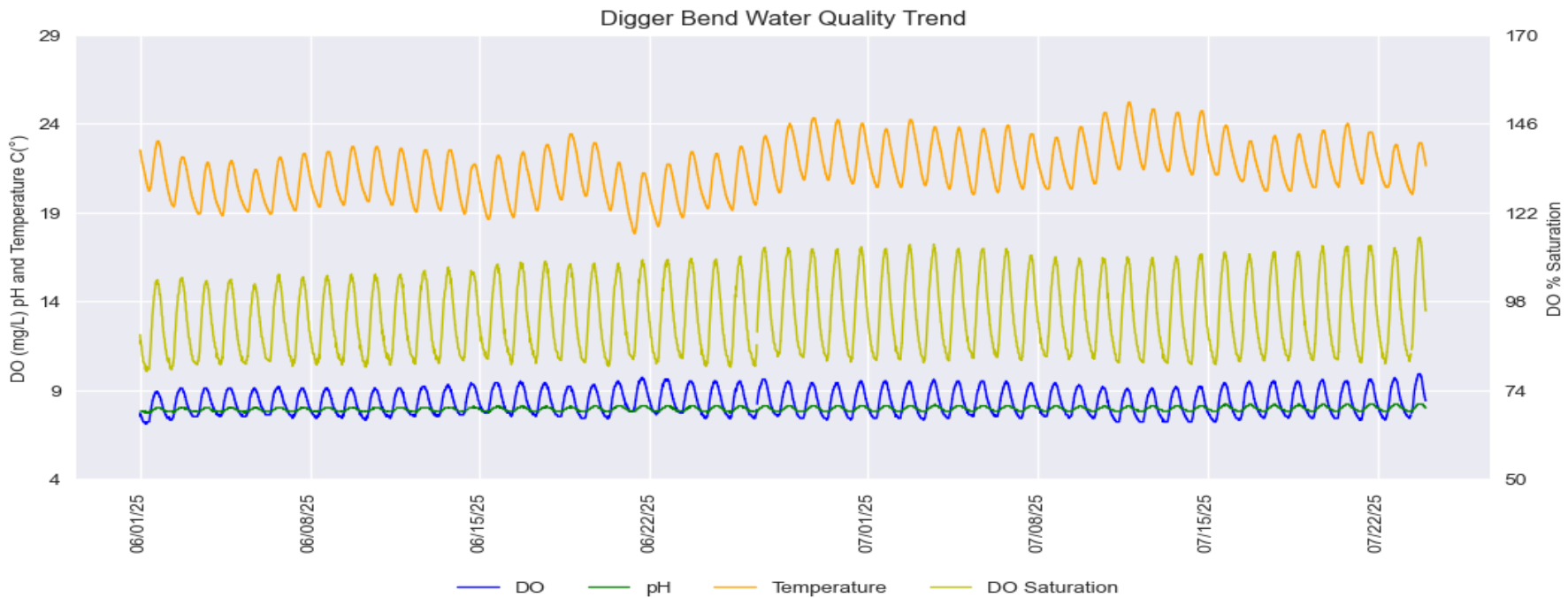
Hopland



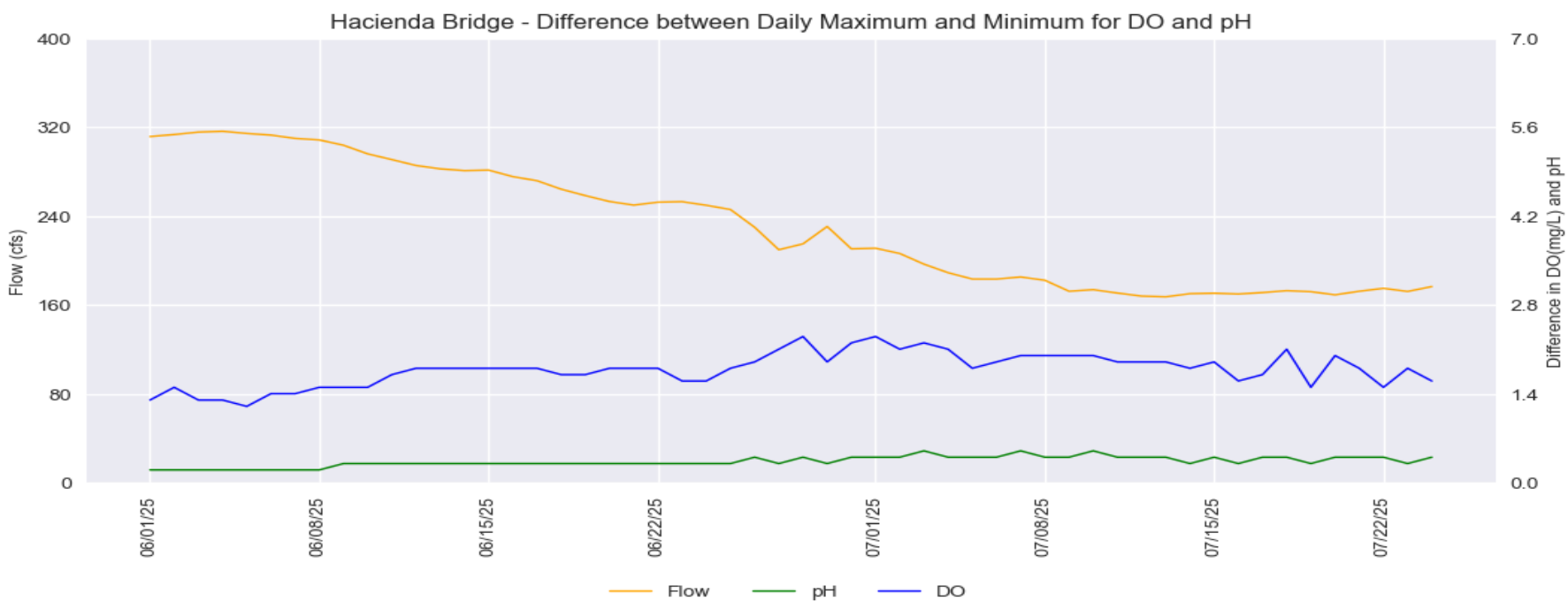
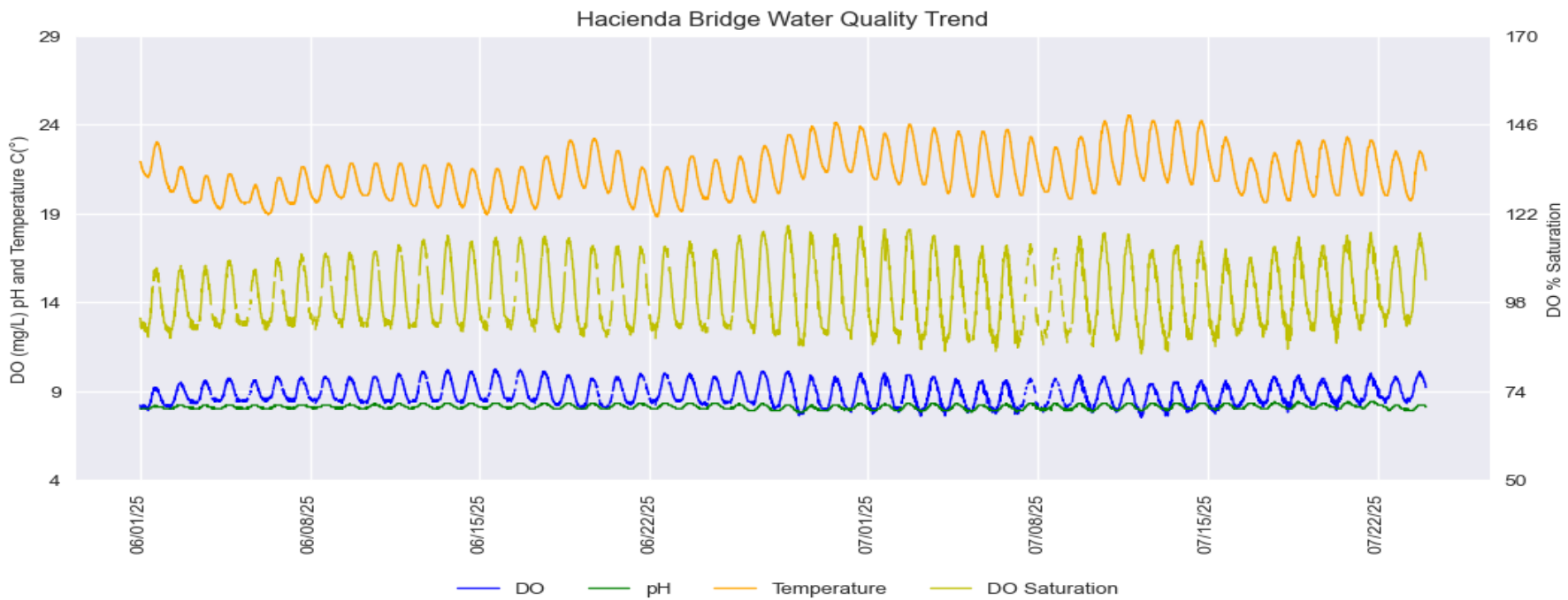
Russian River Water Quality June 1, 2025 – July 24, 2025

Provisional Data Subject to Revision

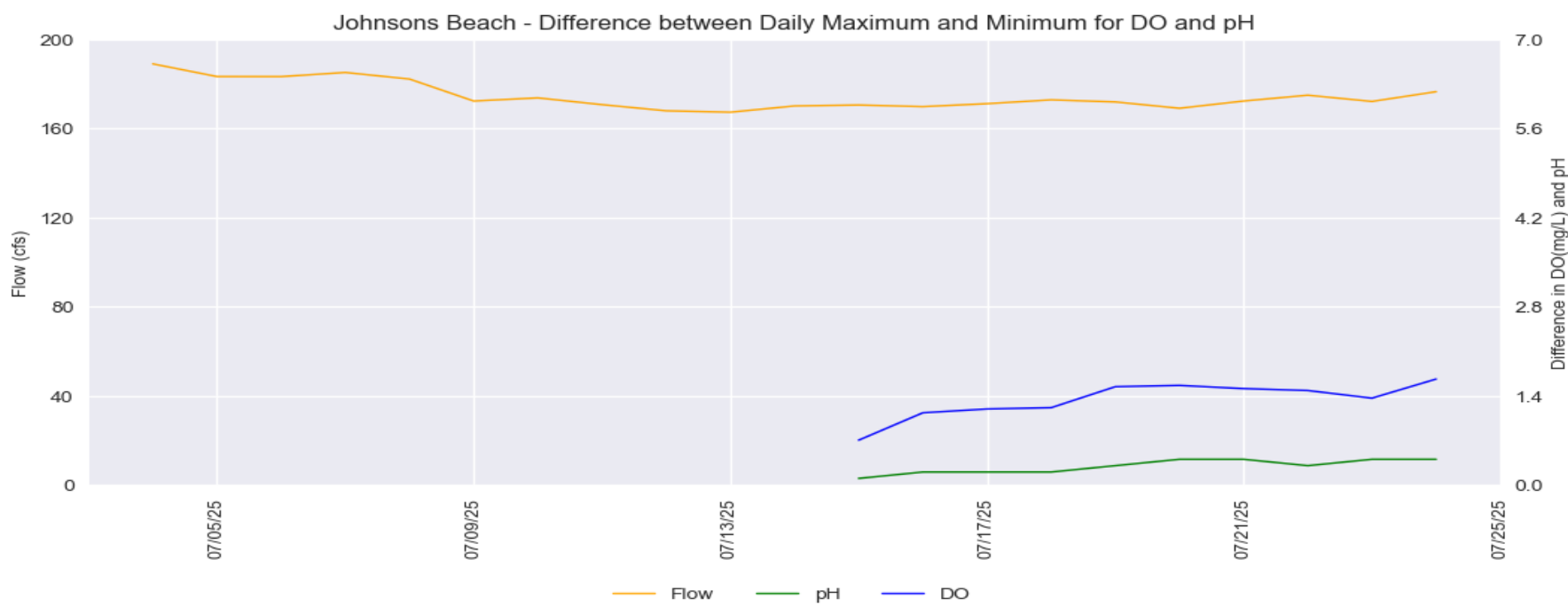
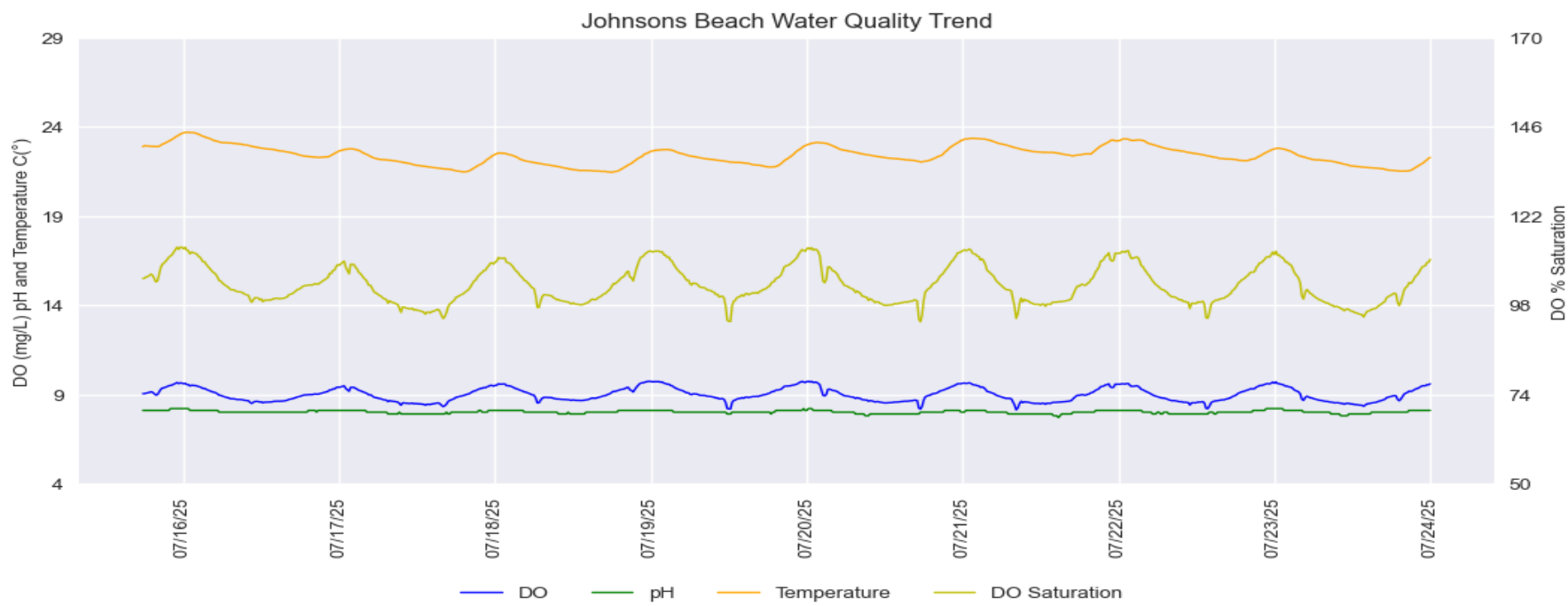
Digger Bend



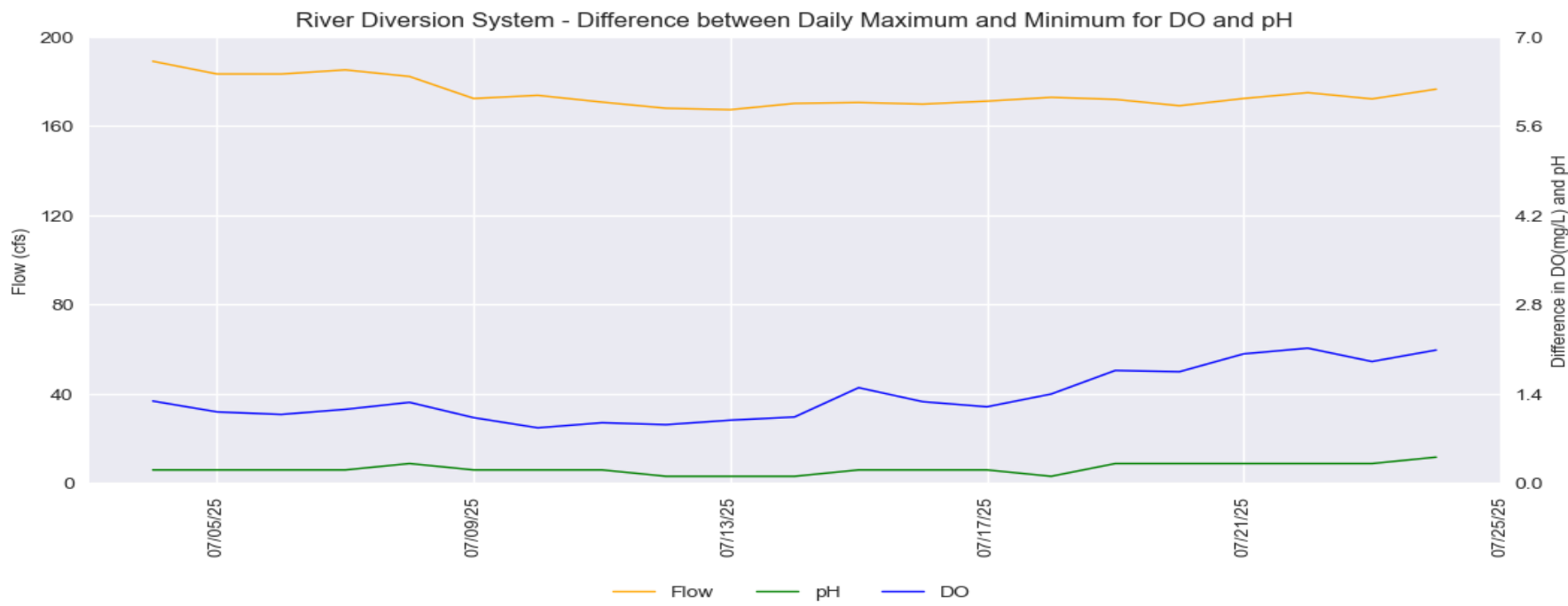
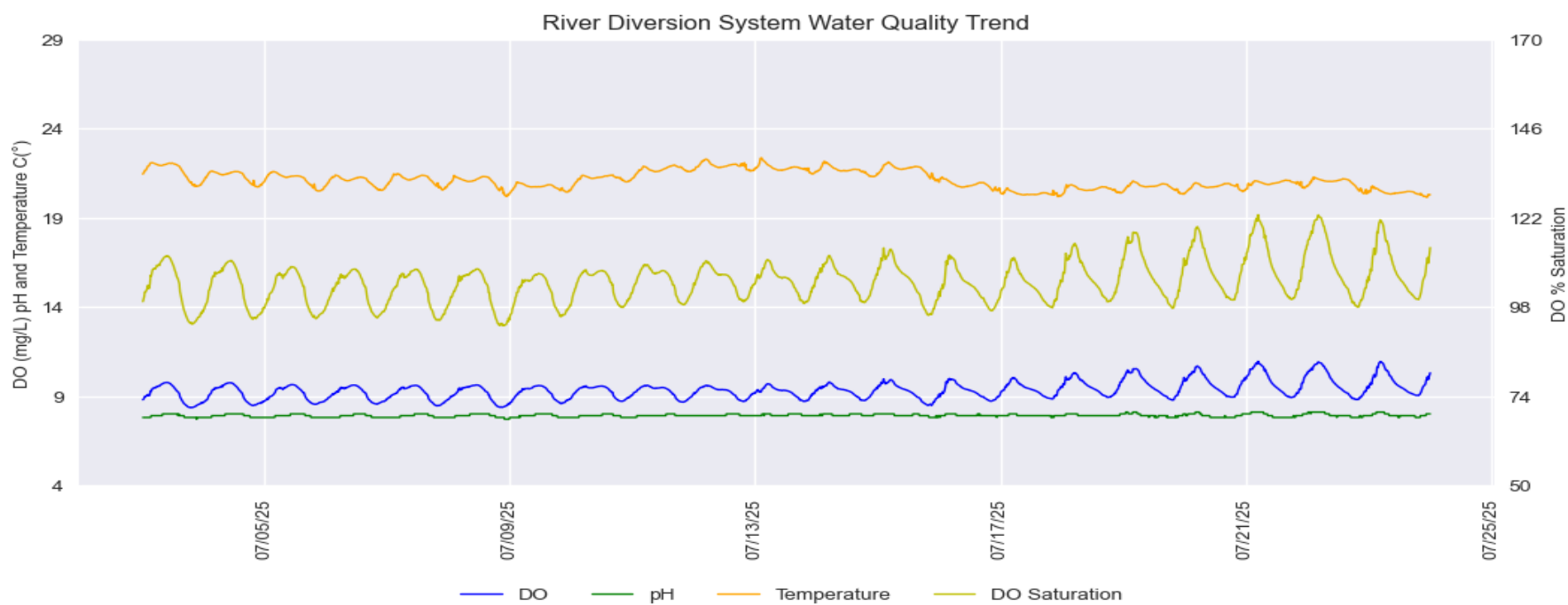
Hacienda Bridge



Russian River Water Quality July 3, 2025 – July 24, 2025  
Provisional Data Subject to Revision  
**Johnsons Beach**

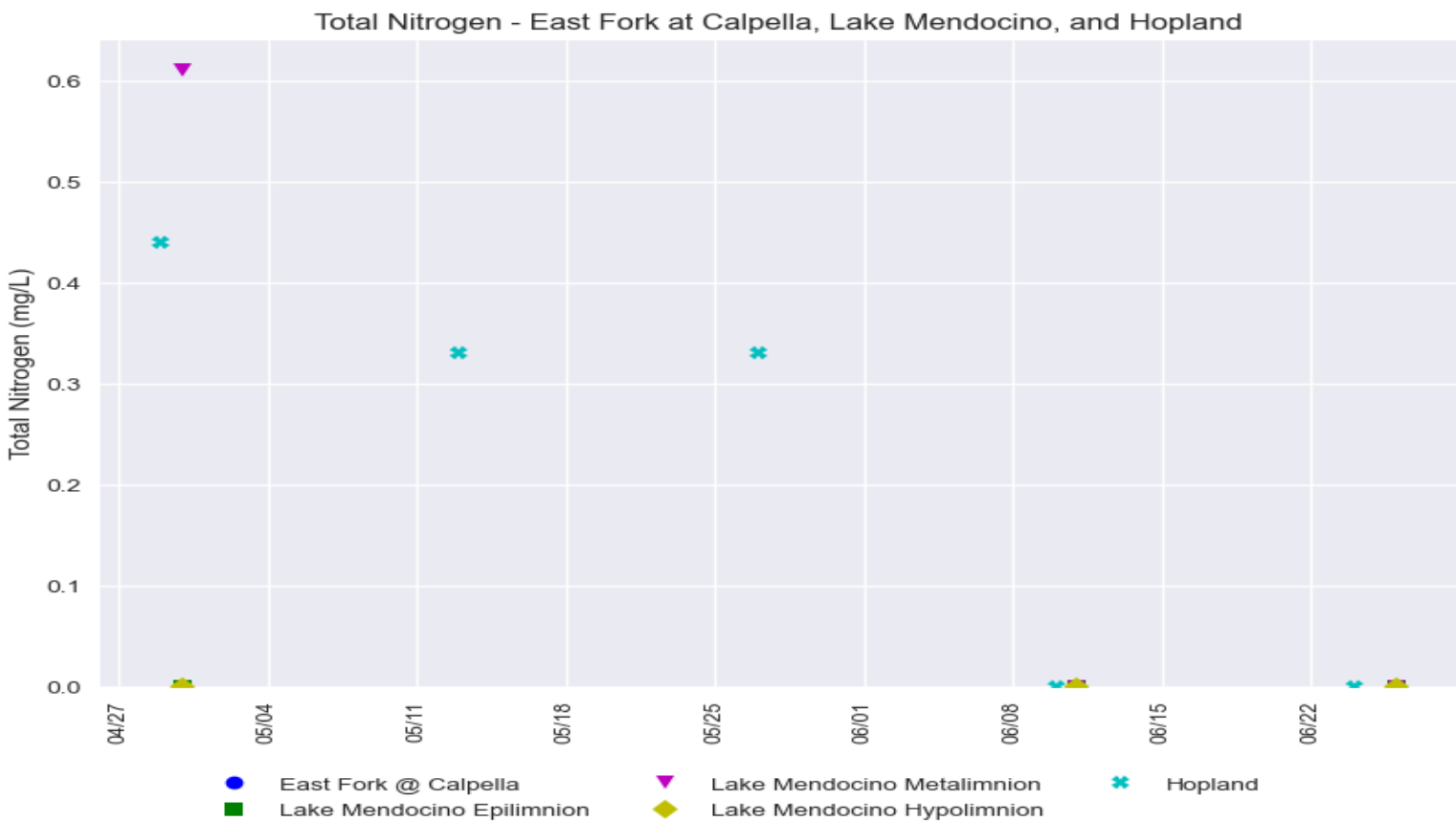
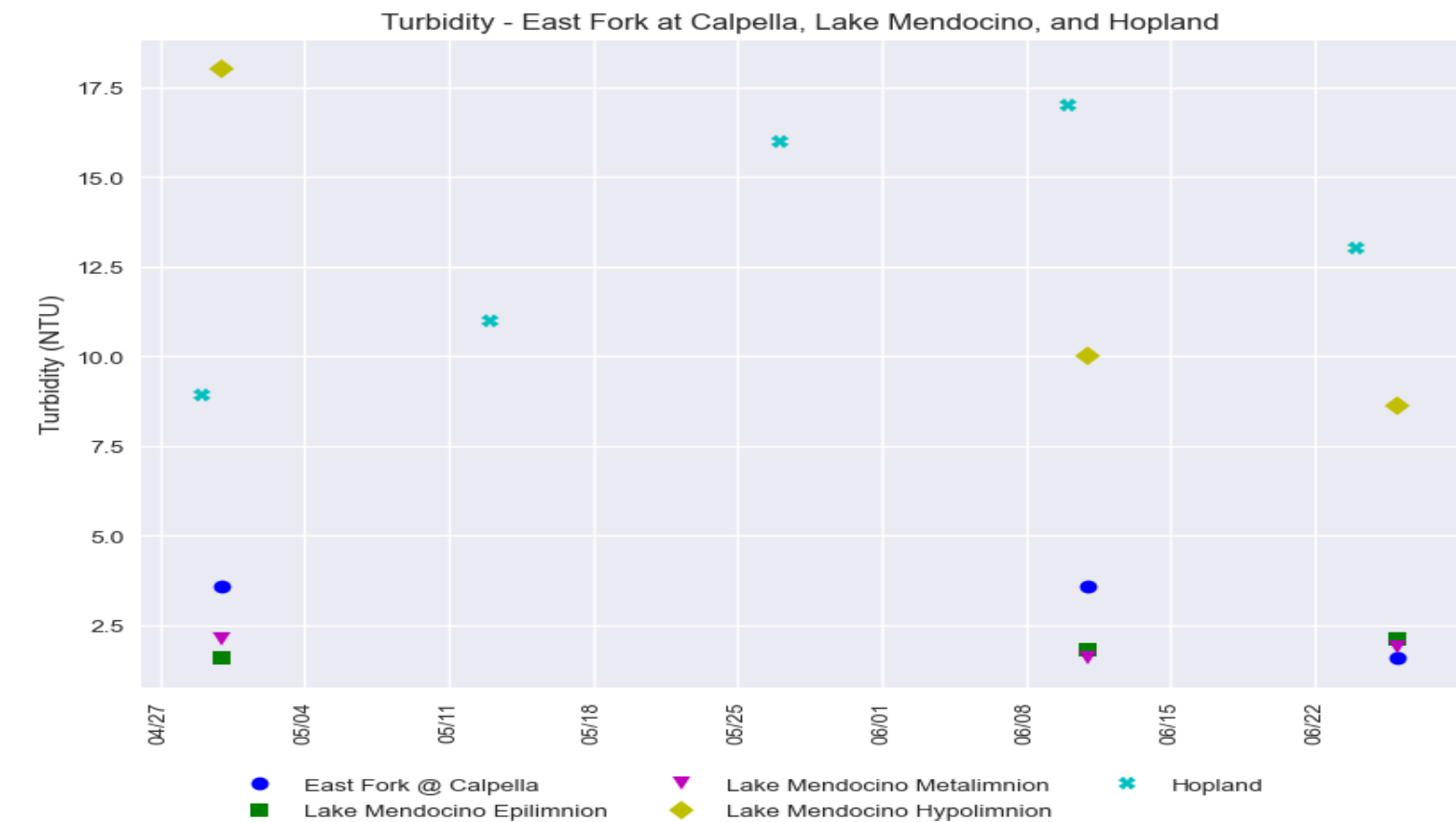
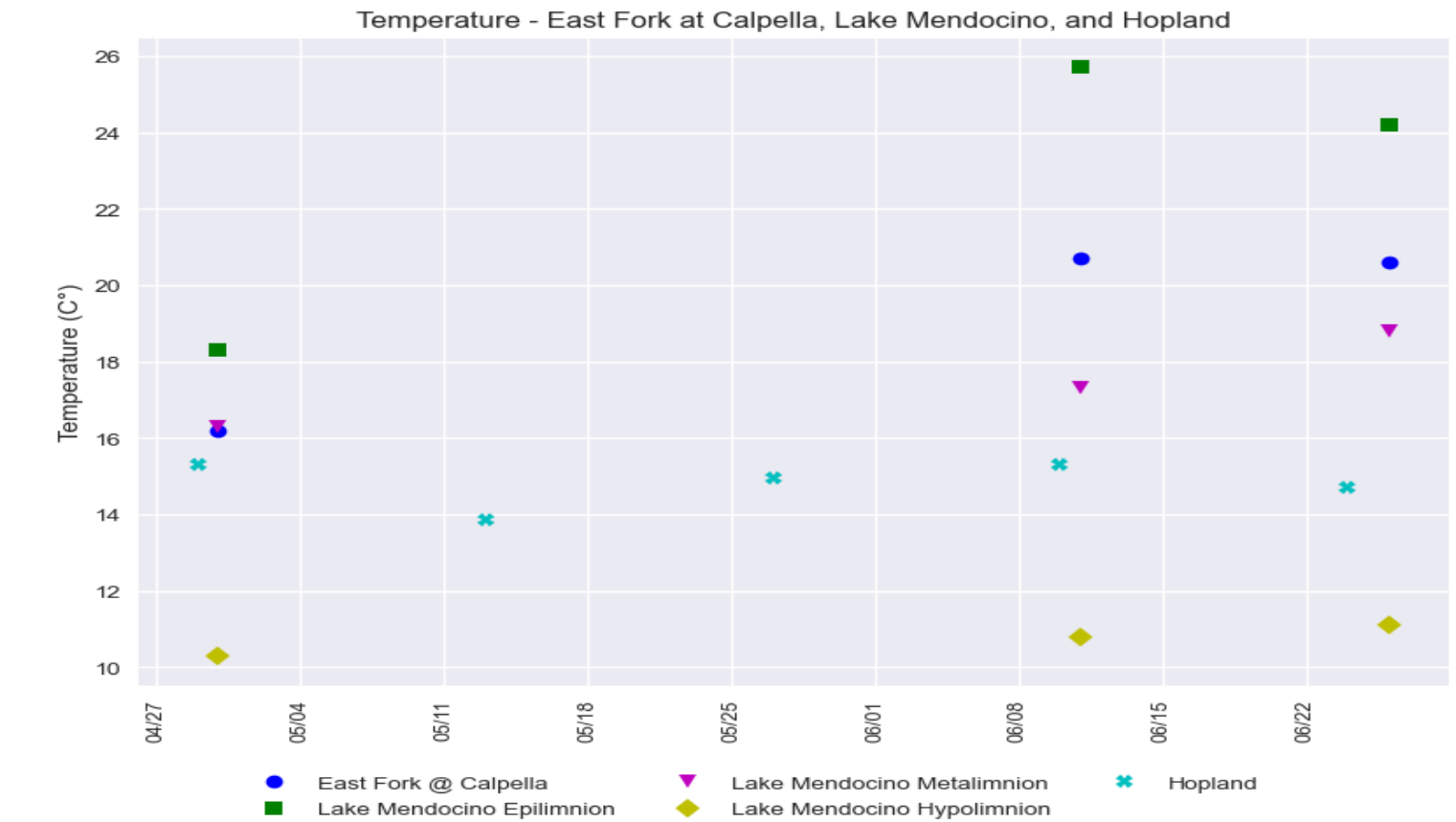


**River Diversion System at Mirabel**



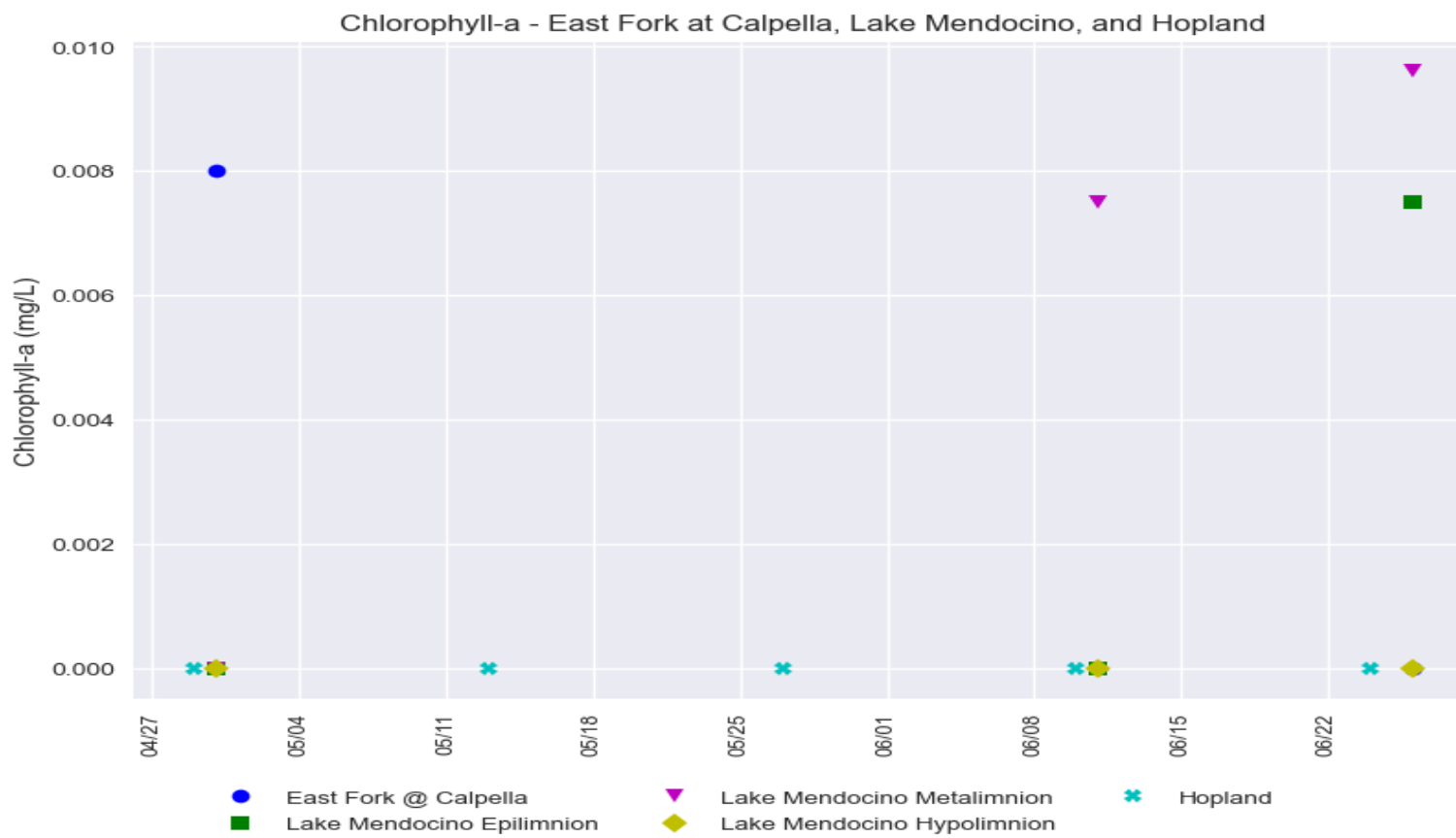
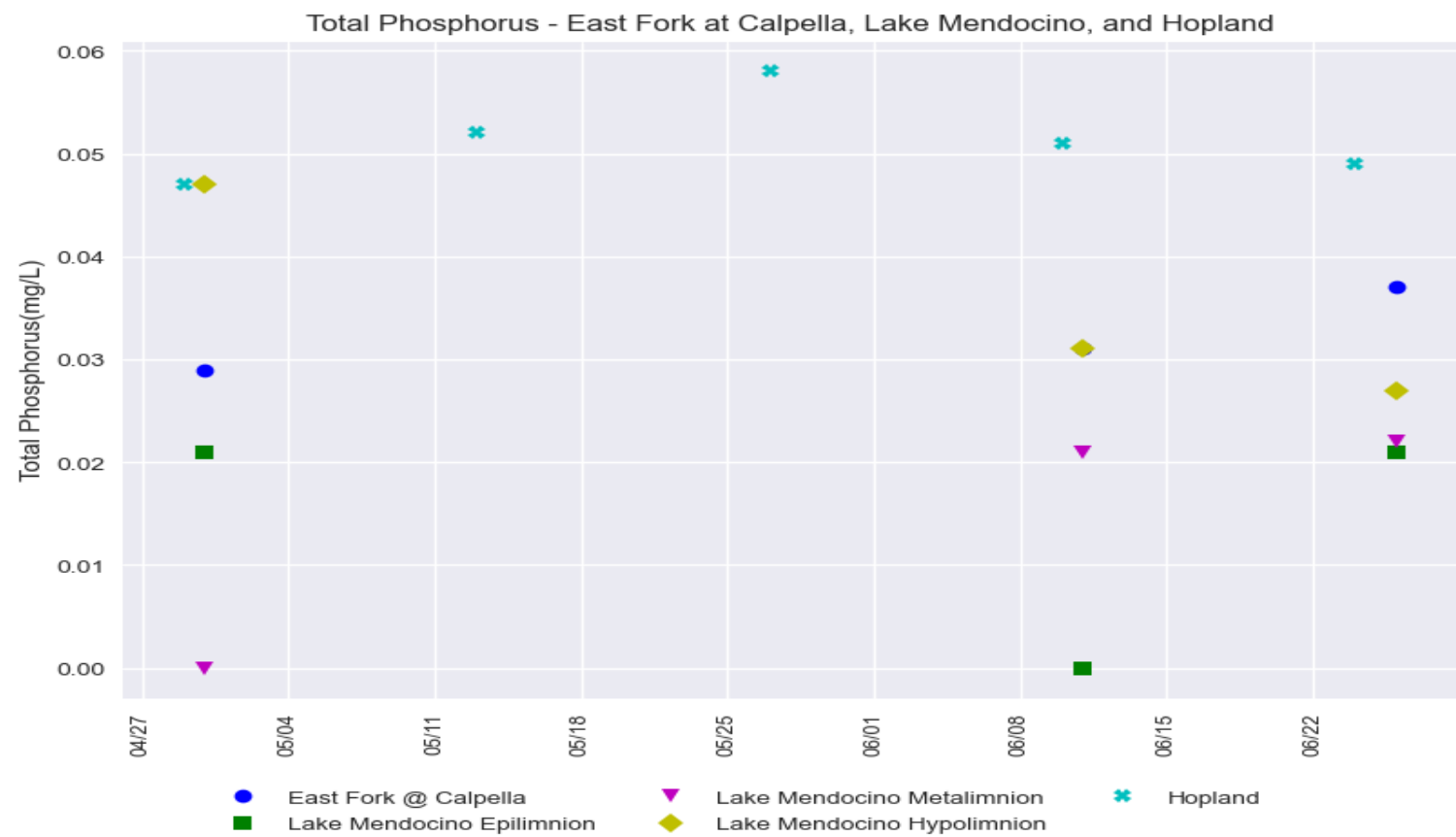
Russian River Water Quality Grab Samples

Provisional Data Subject to Revision



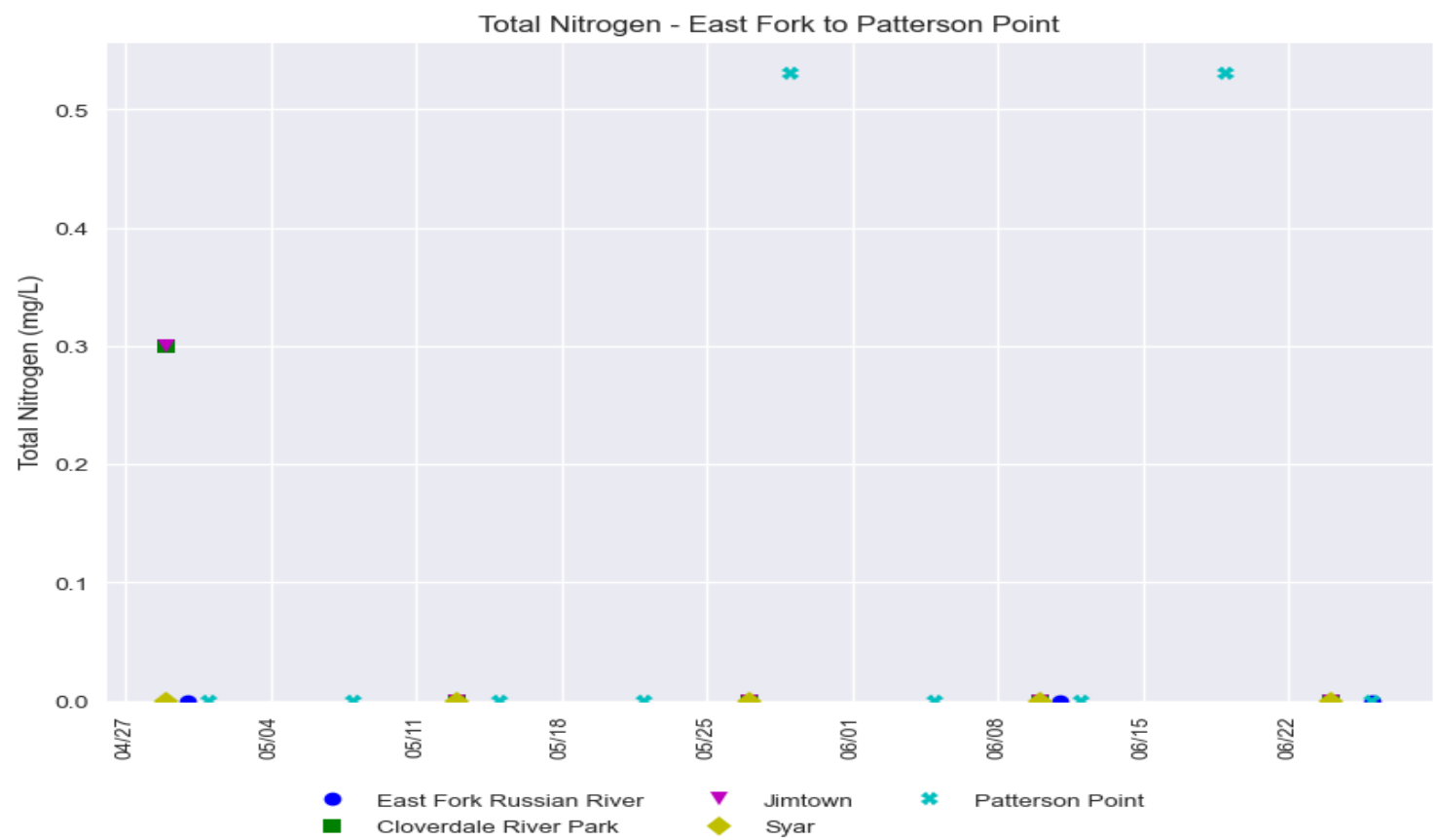
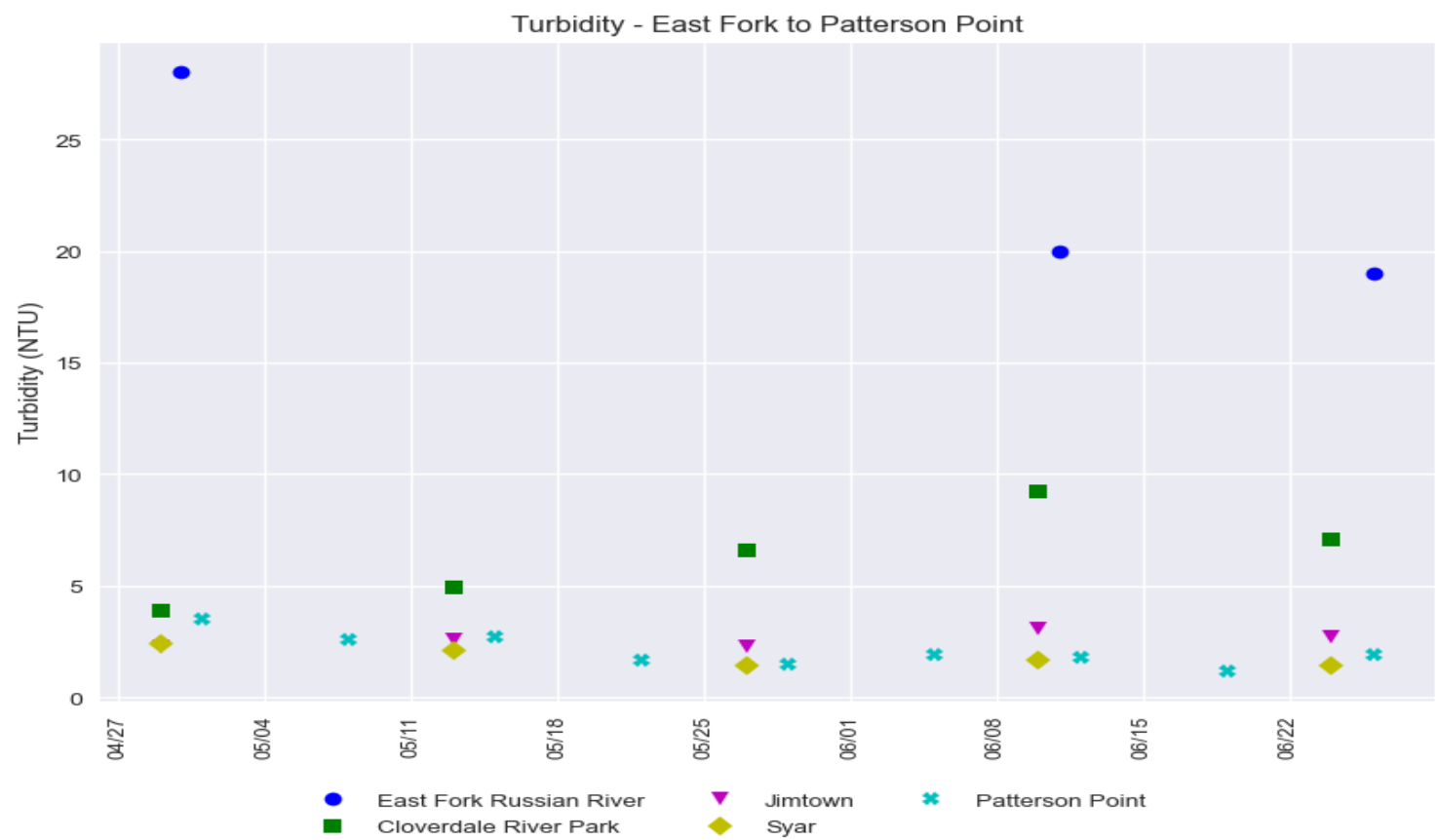
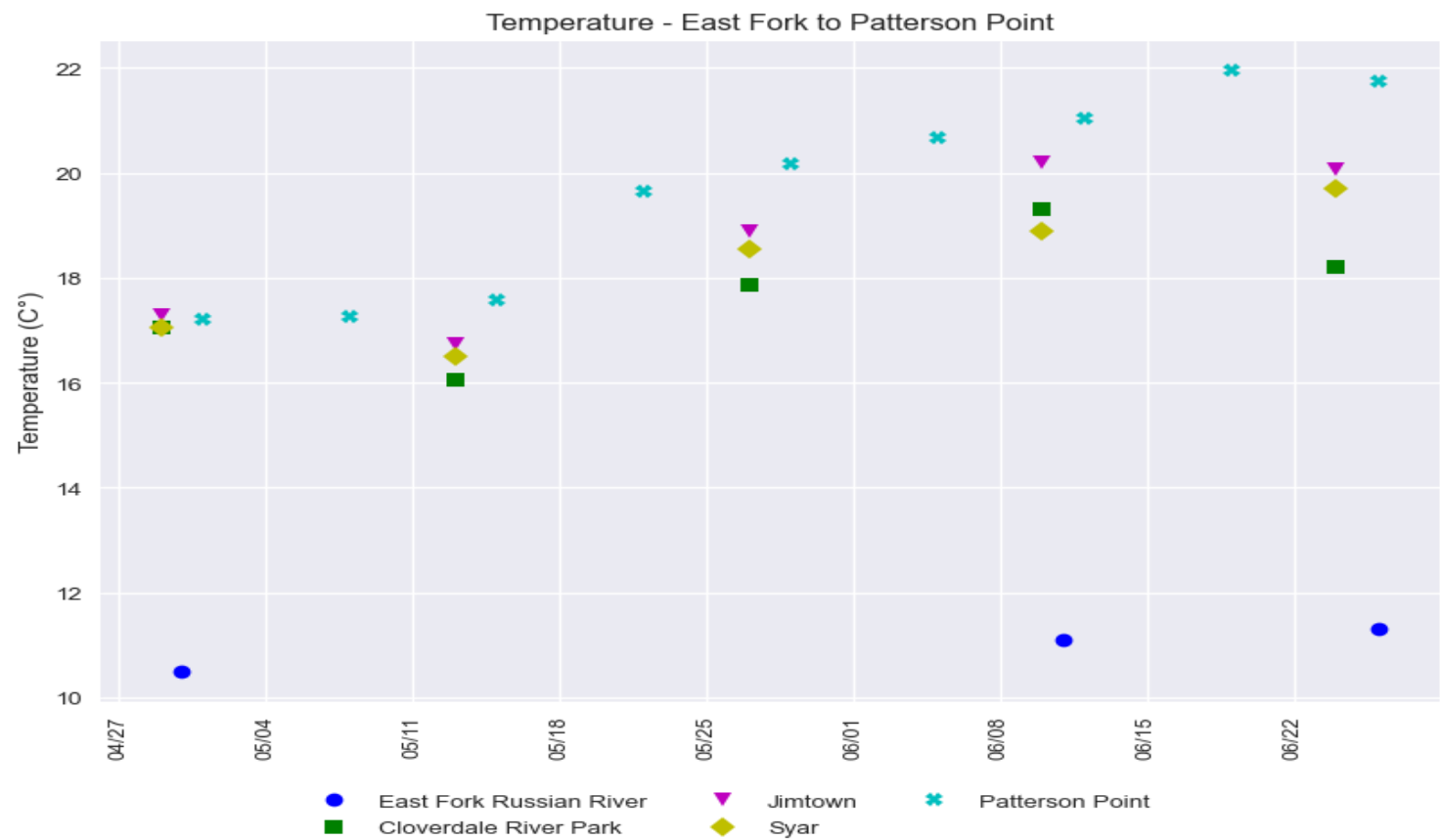
# Russian River Water Quality Grab Samples

Provisional Data Subject to Revision



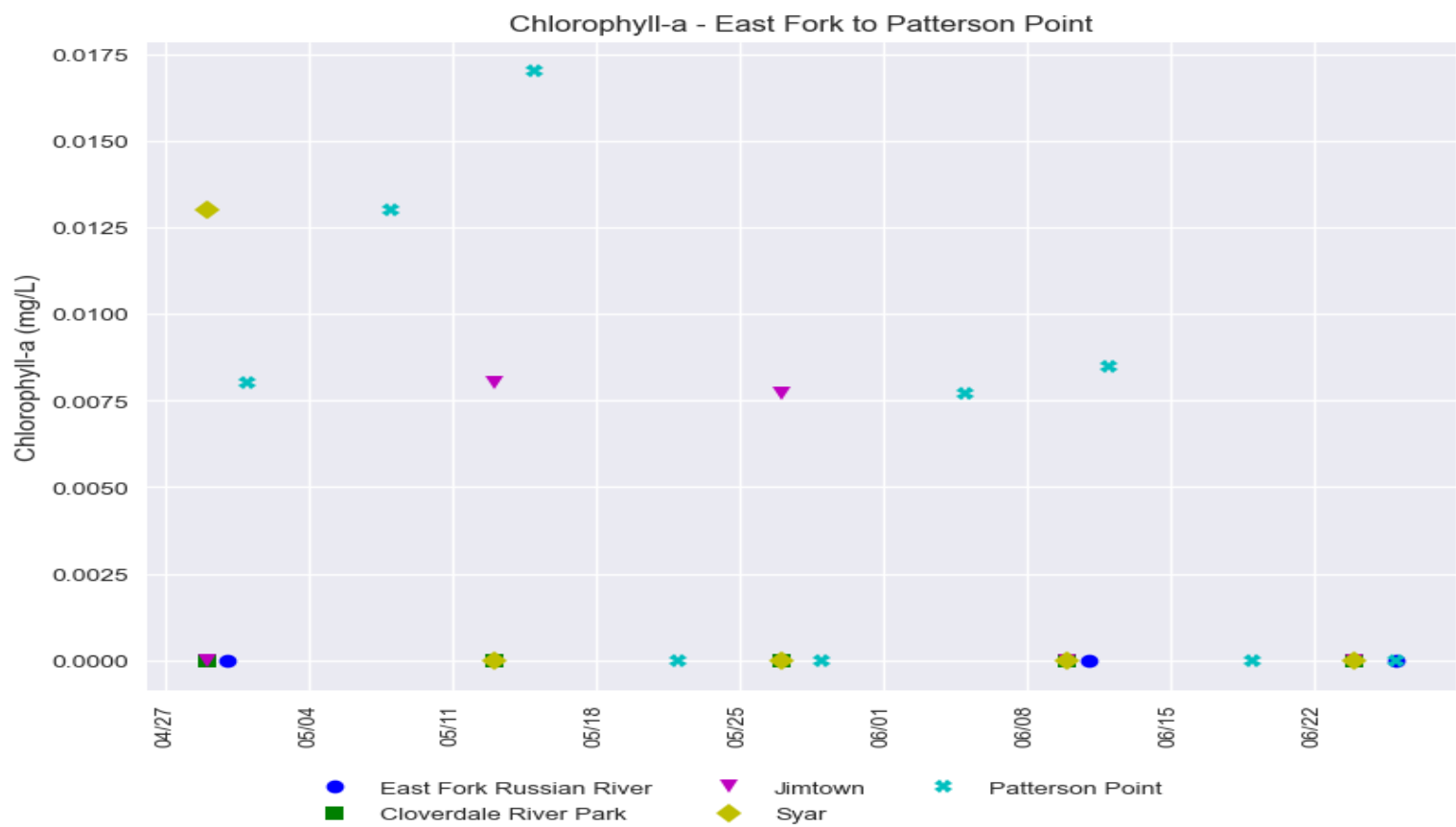
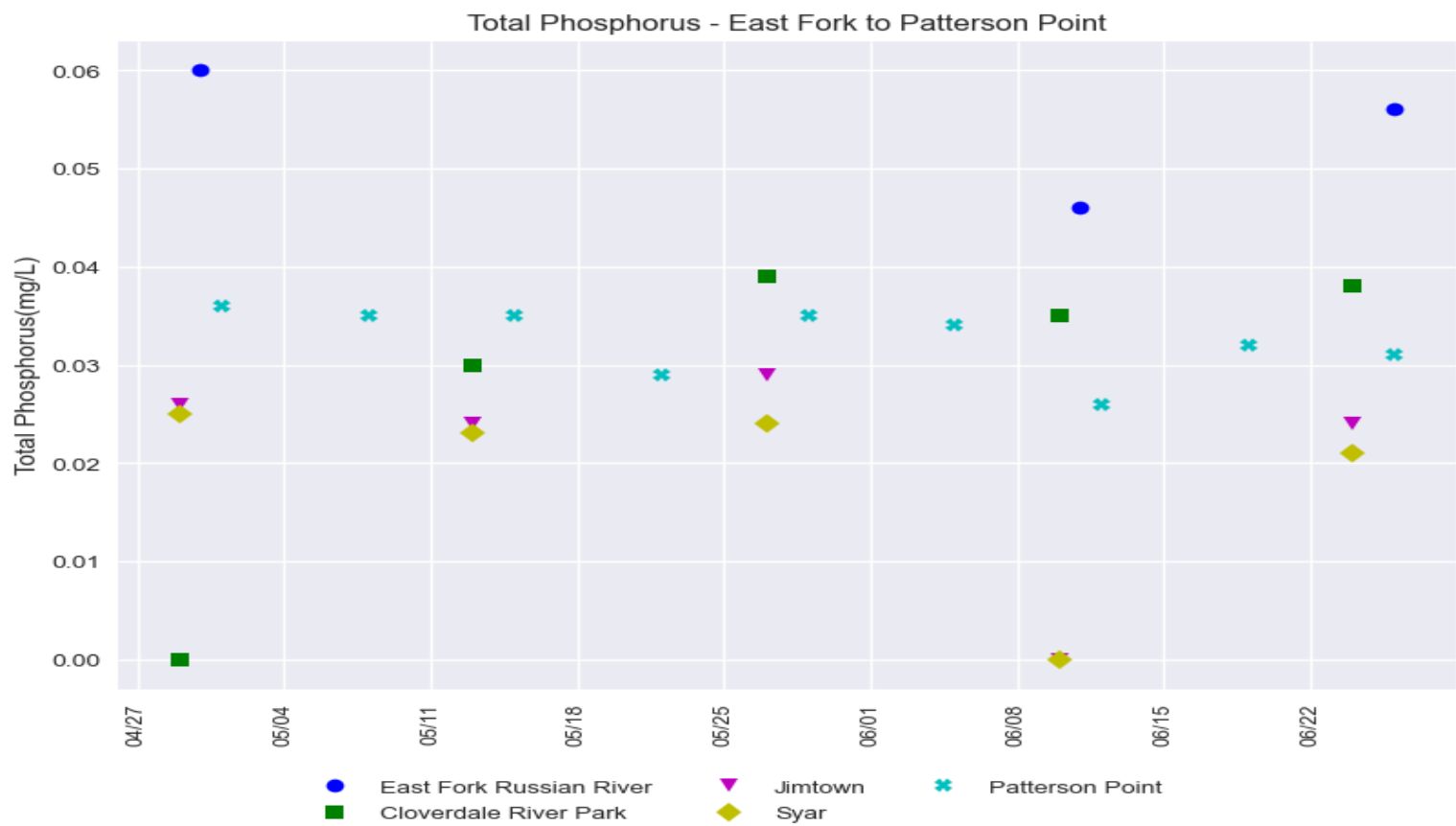
# Russian River Water Quality Grab Samples

Provisional Data Subject to Revision



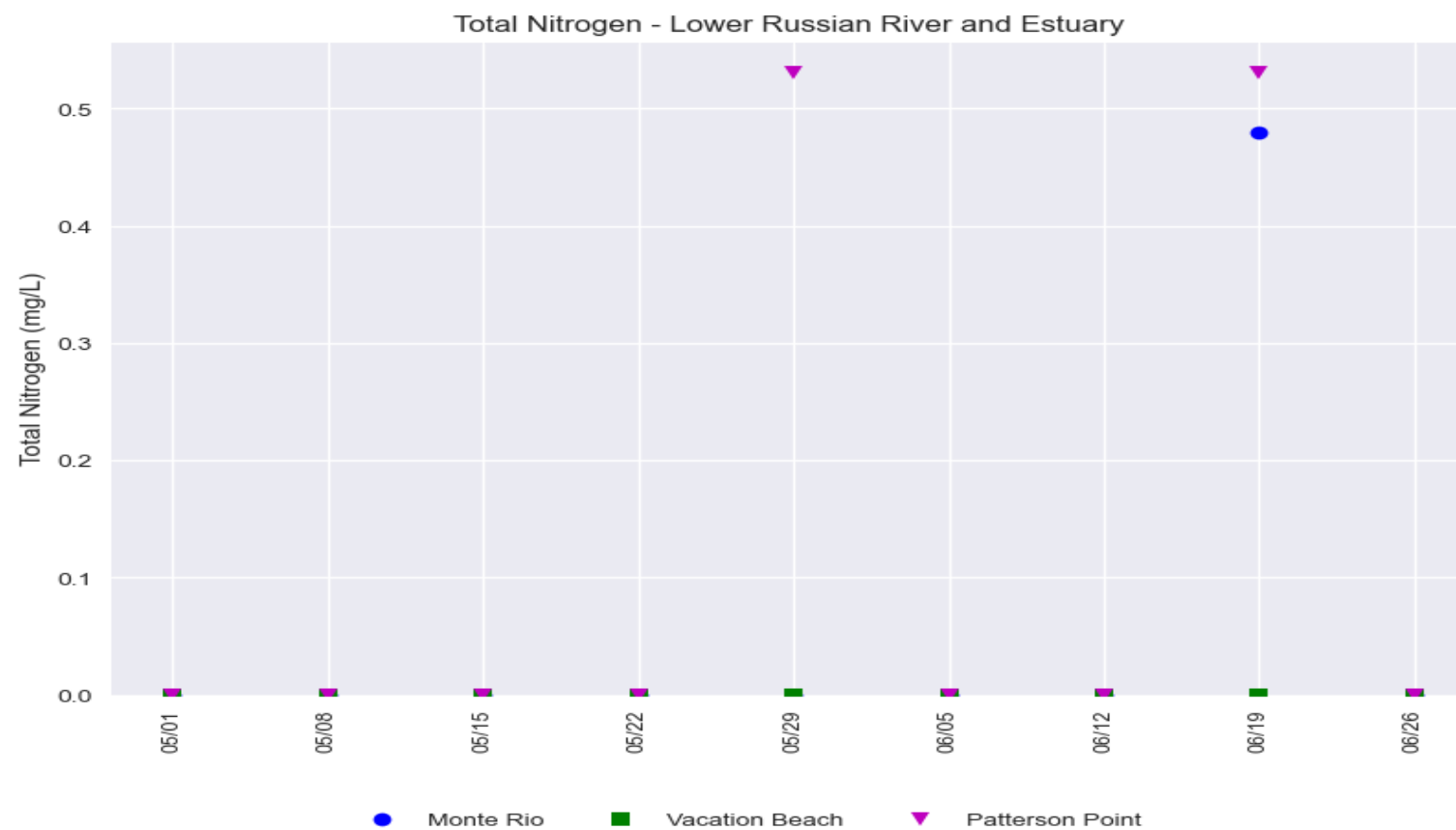
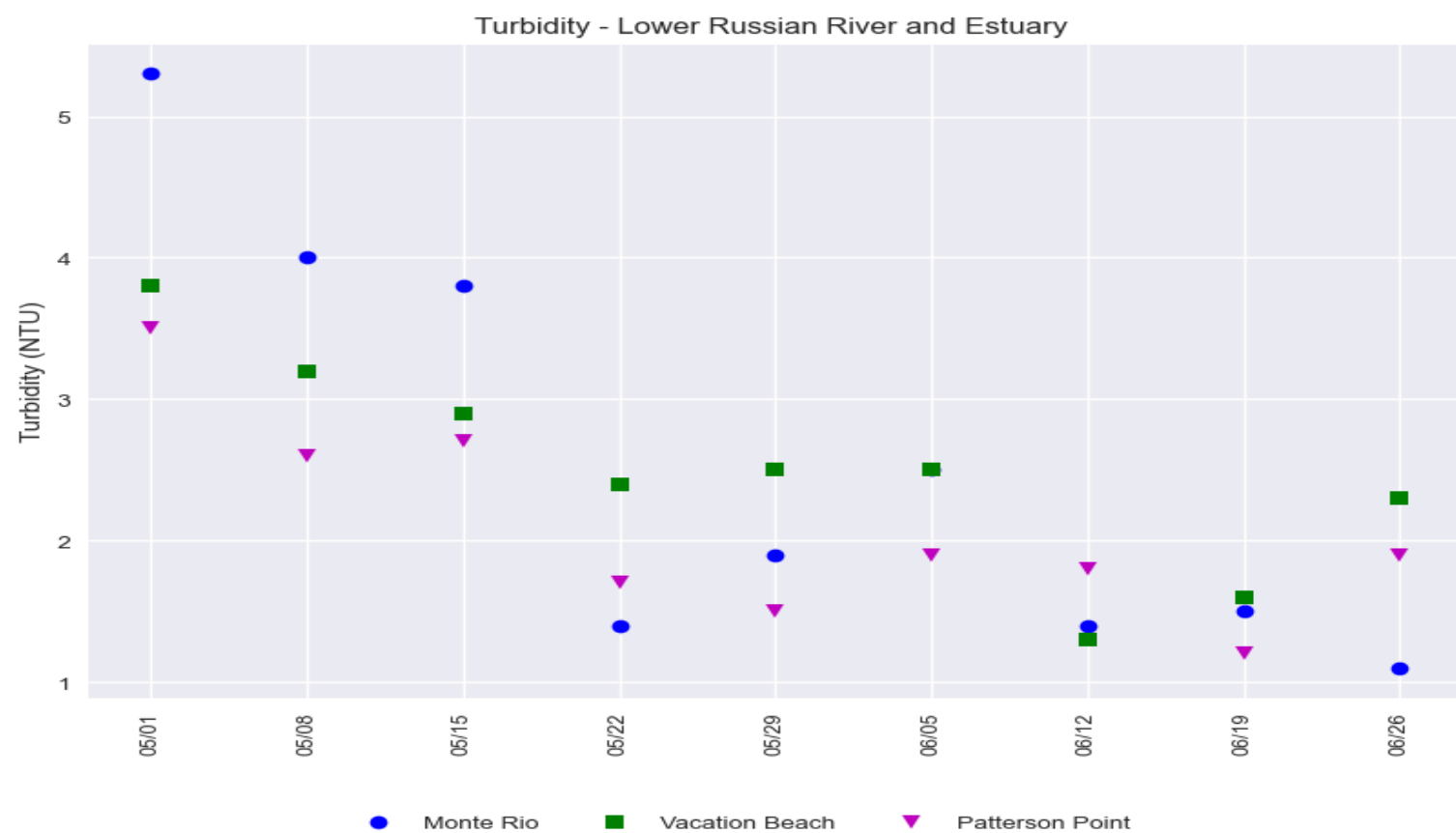
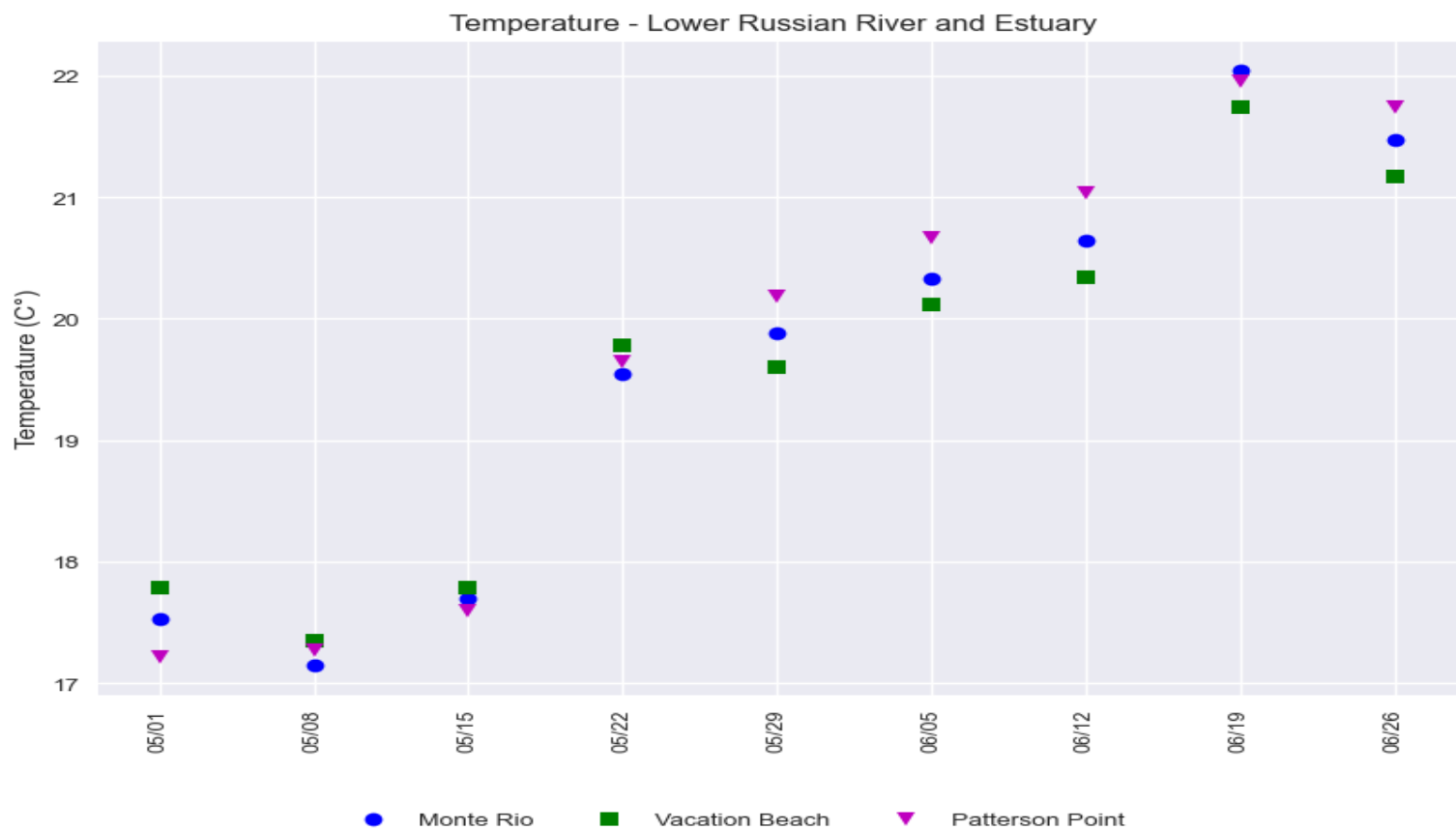
# Russian River Water Quality Grab Samples

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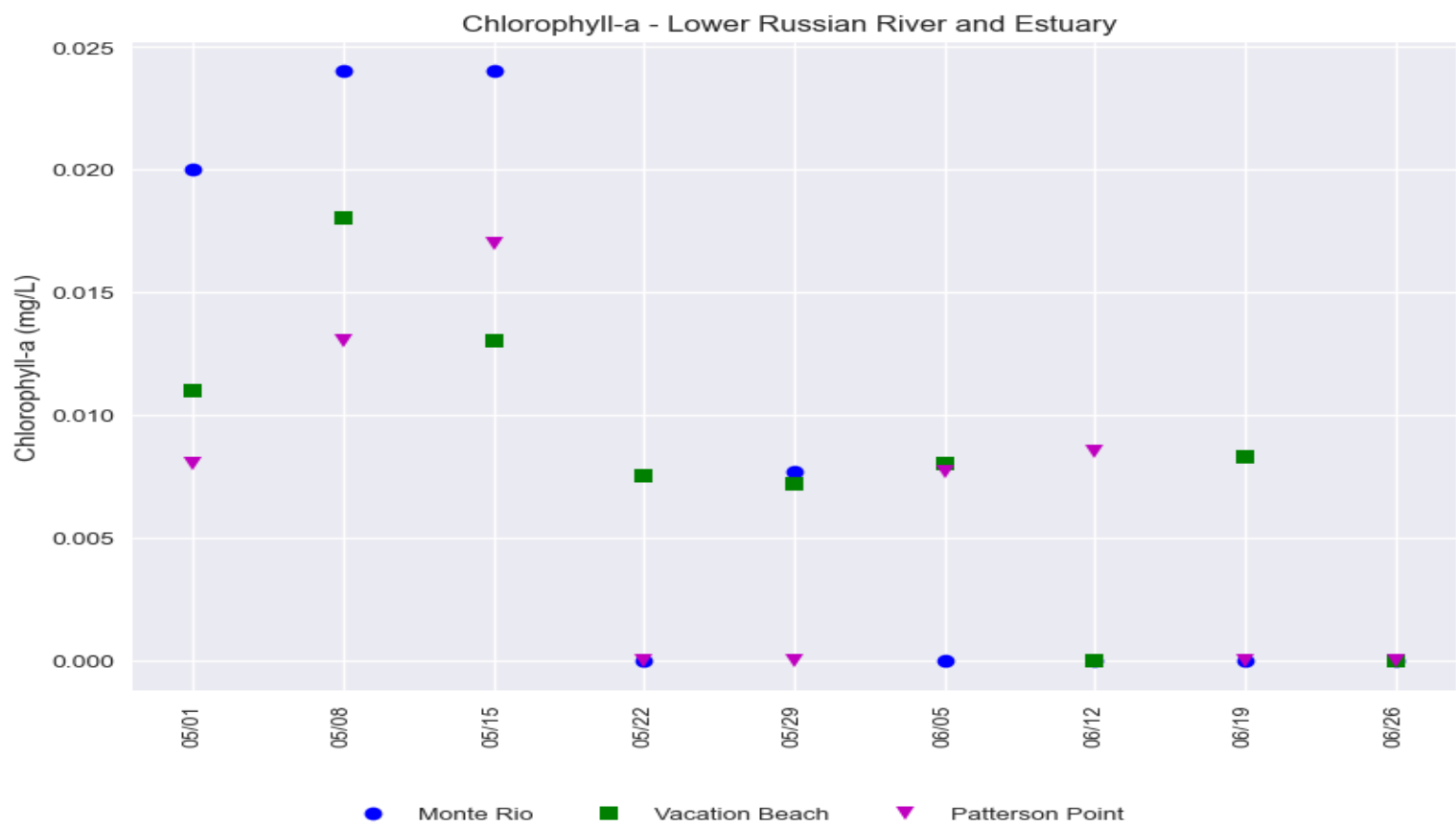
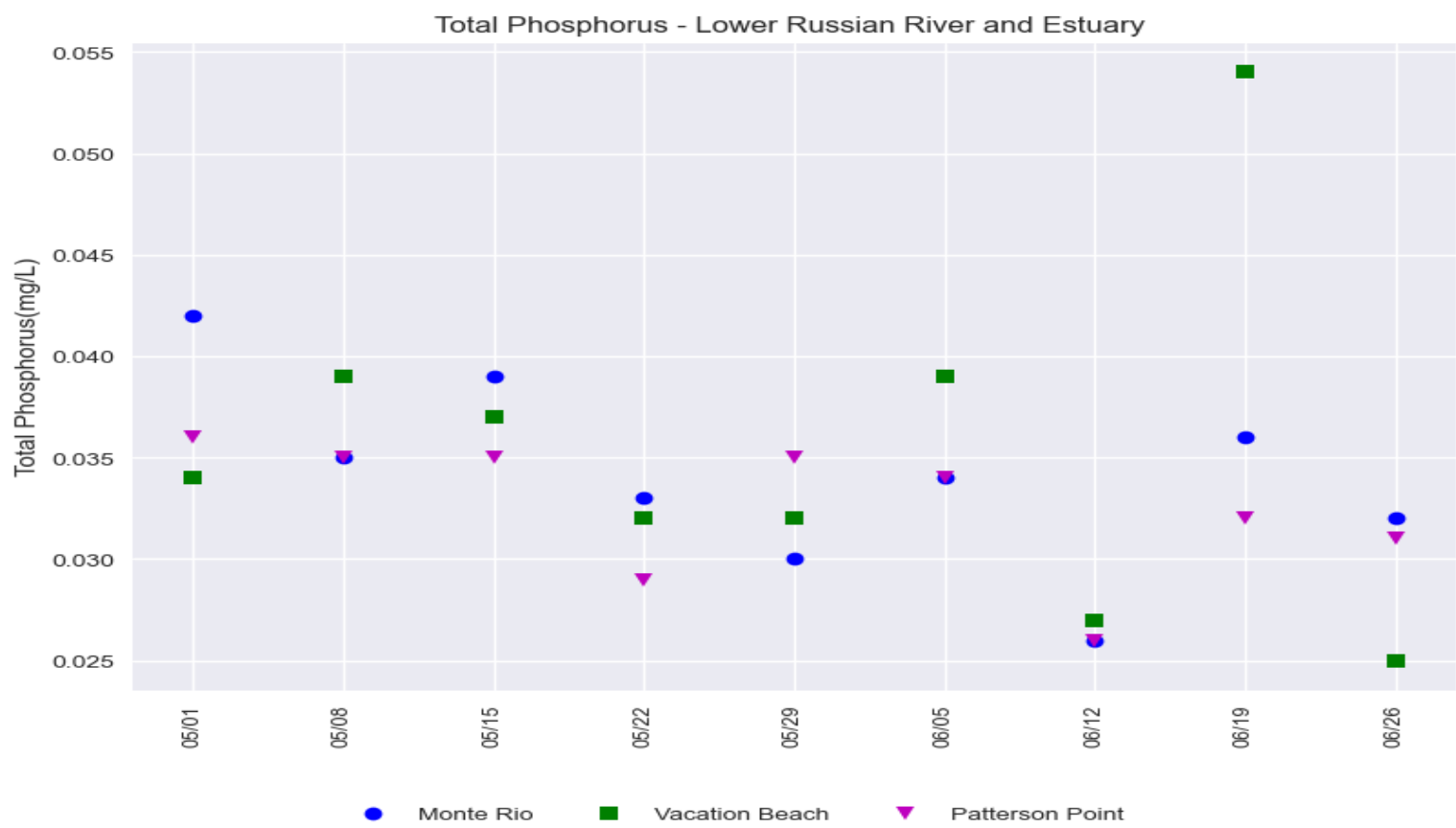


Russian River Water Quality Grab Samples

Provisional Data Subject to Revision



Russian River Water Quality Grab Samples  
Provisional Data Subject to Revision



Russian River Water Quality Grab Samples (May 29 - July 10, 2025)  
Provisional Data Subject to Revision

Russian River Estuary Standard Bacterial Indicators

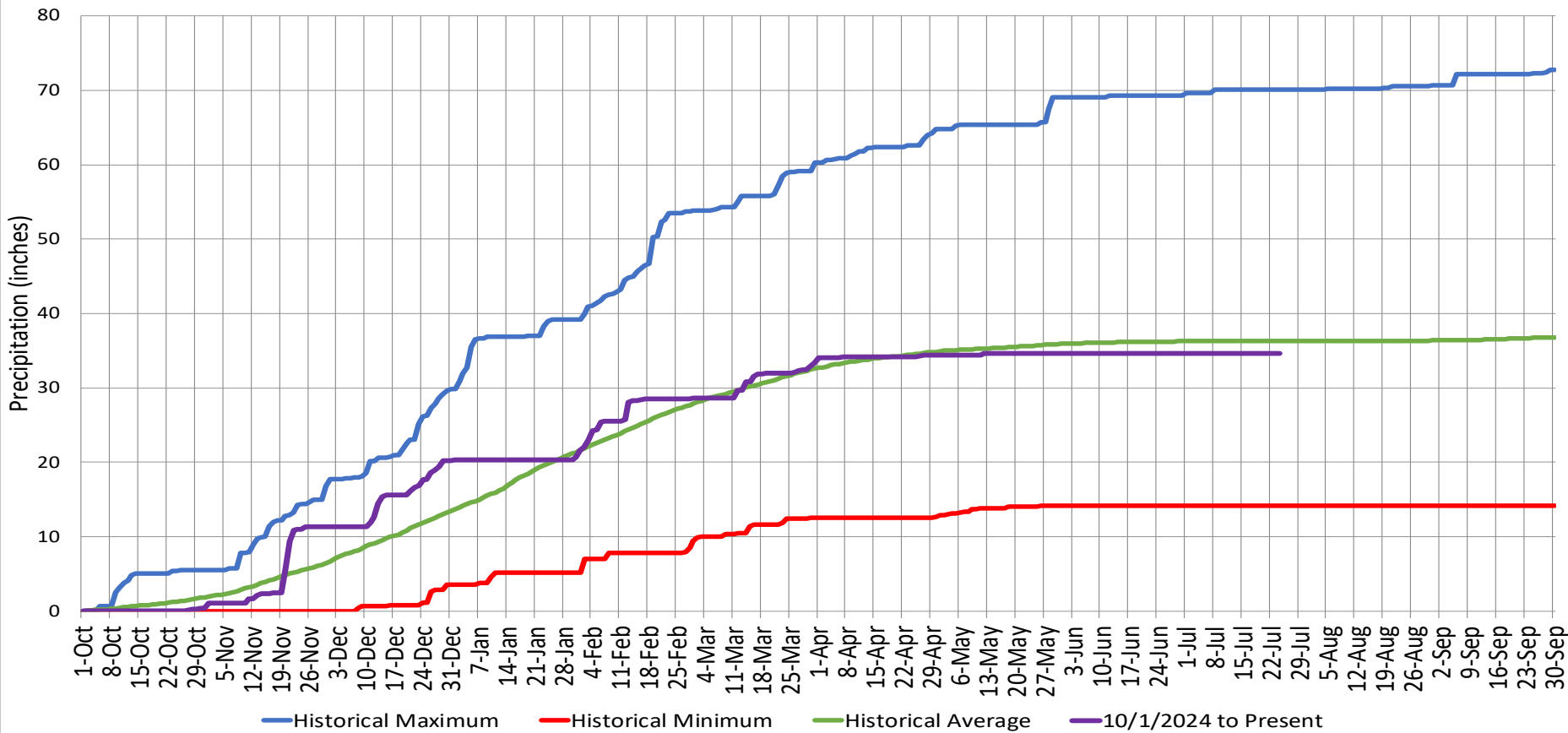
| Parameter***                   | CDPH Guidance* | Date      | Patterson Point | Monte Rio | Vacation Beach |
|--------------------------------|----------------|-----------|-----------------|-----------|----------------|
| Total Coliforms<br>MPN/100 mL  | 10,000         | 5/29/2025 | 920.8           | 1046.2    | 1203.3         |
|                                |                | 6/5/2025  | 1553.1          | 1732.9    | 1986.3         |
|                                |                | 6/12/2025 | 1725**          | 1153**    | 1664**         |
|                                |                | 6/19/2025 | 1497**          | 2613**    | 2909**         |
|                                |                | 6/26/2025 | 3076**          | 3130**    | 2359**         |
|                                |                | 7/3/2025  | 2143**          | 2481**    | 2098**         |
|                                |                | 7/8/2025  | 2851**          | 3076**    | 2247**         |
|                                |                | 7/10/2025 | 2359**          | 3873**    | 3255**         |
| E. Coli<br>MPN/100 mL          | 235            | 5/29/2025 | 9.8             | 48.7      | 14.6           |
|                                |                | 6/5/2025  | 17.5            | 20.1      | 45.7           |
|                                |                | 6/12/2025 | 15.8            | 47.9      | 14.2           |
|                                |                | 6/19/2025 | 15.8            | 33.1      | 36.4           |
|                                |                | 6/26/2025 | 22.6            | 18.7      | 12             |
|                                |                | 7/3/2025  | 6.3             | 14.5      | 6.3            |
|                                |                | 7/8/2025  | 15.8            | 6.3       | 1              |
|                                |                | 7/10/2025 | 21.3            | 4.1       | 2              |
| Enterococcus<br>MPN/100 mL**** | 61             | 5/29/2025 | 60.2            | 14.8      | 4.1            |
|                                |                | 6/5/2025  | 15.8            | 7.4       | 14.4           |
|                                |                | 6/12/2025 | 8.6             | 12.2      | 5.1            |
|                                |                | 6/19/2025 | 9.7             | 12.1      | 81.3           |
|                                |                | 6/26/2025 | 44.8            | 28.8      | 29.2           |
|                                |                | 7/3/2025  | 12.1            | 8.5       | 14.4           |
|                                |                | 7/8/2025  | 20.1            | 6.3       | 4.1            |
|                                |                | 7/10/2025 | 63.7            | 5.2       | 19.5           |

\*California Department of Public Health (CDPH) Guidance for Fresh Water Beaches - Single Sample Values:  
Freshwater beaches include Patterson Point, Monte Rio, and Vacation Beach  
Beach posting is recommended when indicator organisms exceed any of the above corresponding levels  
\*\*Sample diluted 1:10  
\*\*\*Method Detection Limit for all parameters = 2 MPN/100 mL or 20 MPN/100 mL if sample diluted  
\*\*\*\*We continue to collect enterococcus data, however it is not a reliable fecal indicator bacteria in freshwater

Precipitation

|                                                    |                     |
|----------------------------------------------------|---------------------|
| Ukiah Municipal Airport (WBAN: 72590523275 (KUKI)) |                     |
| Date Range                                         | Cumulative (inches) |
| Oct 1, 2024 - Jul 24, 2025                         | 34.61               |
| Last 7 Days*                                       | 0.00                |

Cumulative Precipitation Comparison of Current Year versus Historic Record



Global Forecast System Model 16-day Cumulative Precipitation Forecast

