



Sonoma
Water

State Water Resources Control Board
Temporary Urgency Change Orders (06/27/2025)
Russian River Hydrologic & Water Quality Report
July 11, 2025 - July 17, 2025

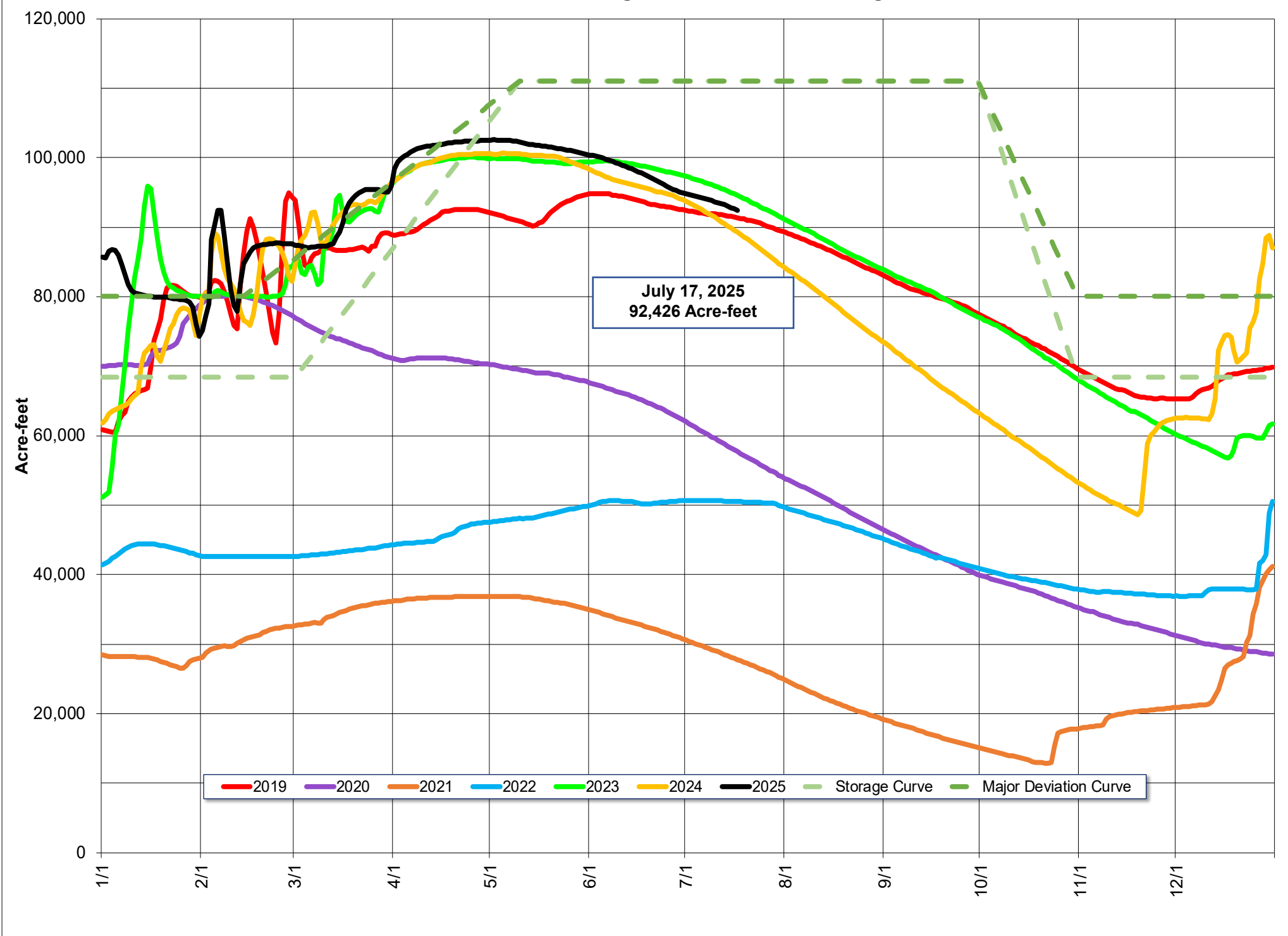
Prepared as a requirement of the Orders approving Sonoma Water's Petition for Temporary Urgency Change in Permits 12947A, 12949, 12950, and 16596 (Applications 12919A, 15736, 15737, and 19351).

Instream Flow Requirements as of July 17, 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

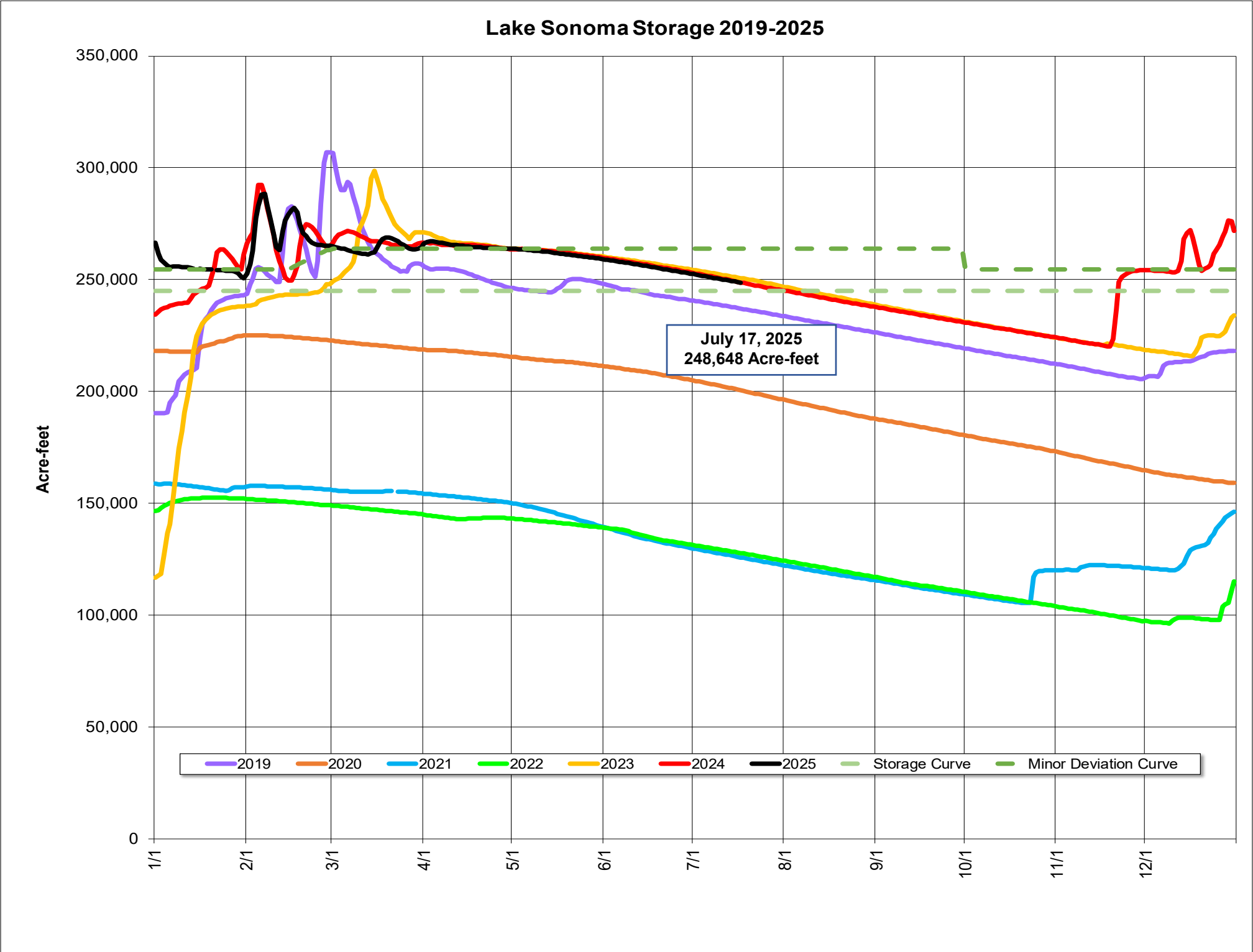
Lake Mendocino Storage 2019 - 2025 and Storage Curve



Storage (acre-feet)	July 17, 2025	92,426	
		Total	Average Daily Rate
Change in Storage (acre-feet)	Last 30 days	-5,332	-178
	Last 7 days	-1,059	-151
Daily Inflow (cfs)	Last 7 days	Min	89
		Max	142
		Mean	112
Release (cfs)	Last 7 days	Min	171
		Max	185
		Mean	182



Todd Schram, February 10 , 2024



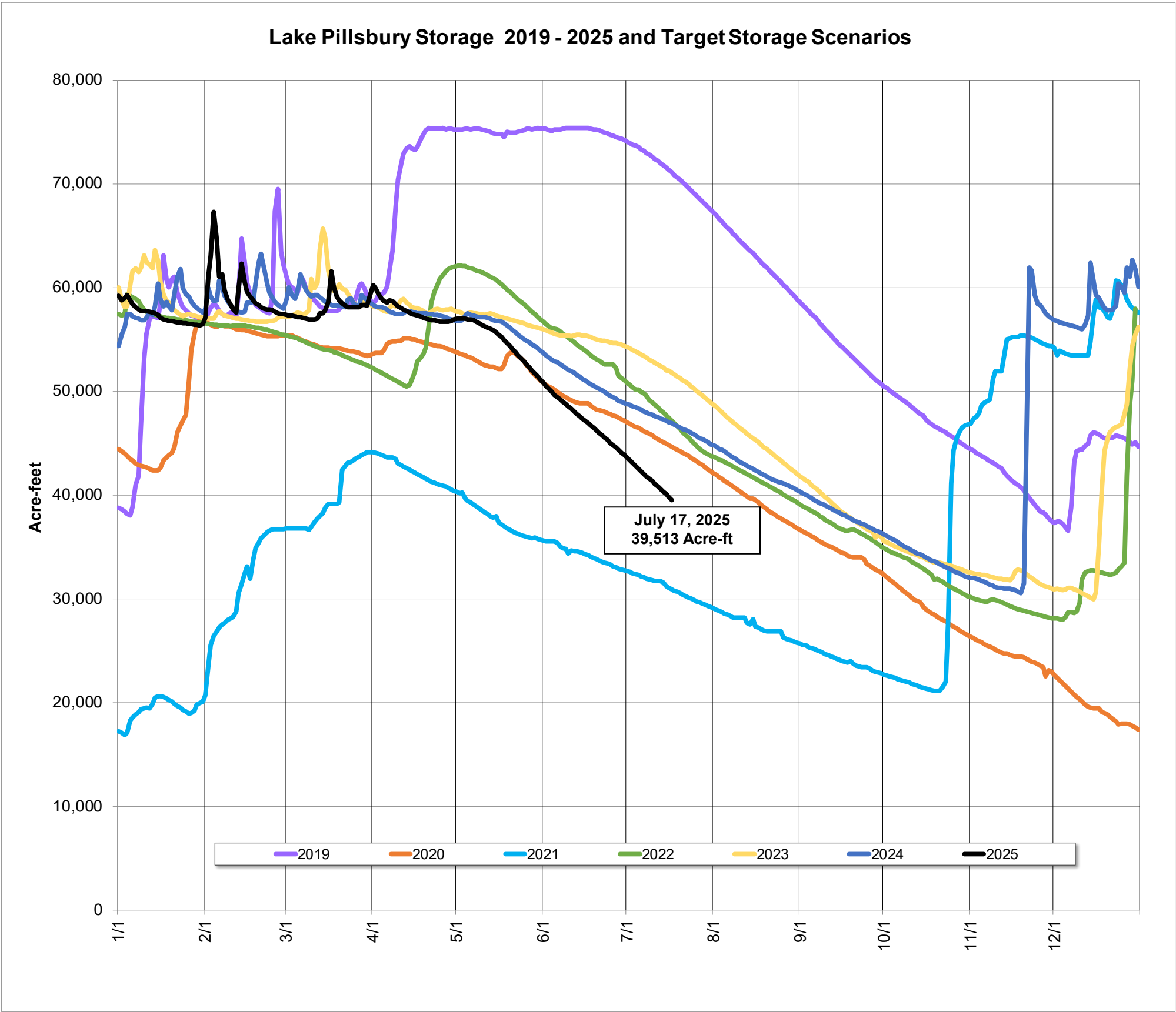
Storage (acre-feet)	July 17, 2025	248,648	
		Total	Average Daily Rate
Change in Storage (acre-feet)	Last 30 days	-7,075	-236
	Last 7 days	-1,468	-210
Daily Inflow (cfs)	Last 7 days	Min	0
		Max	22
		Mean	5
Release (cfs)	Last 7 days	Min	106
		Max	107
		Mean	106

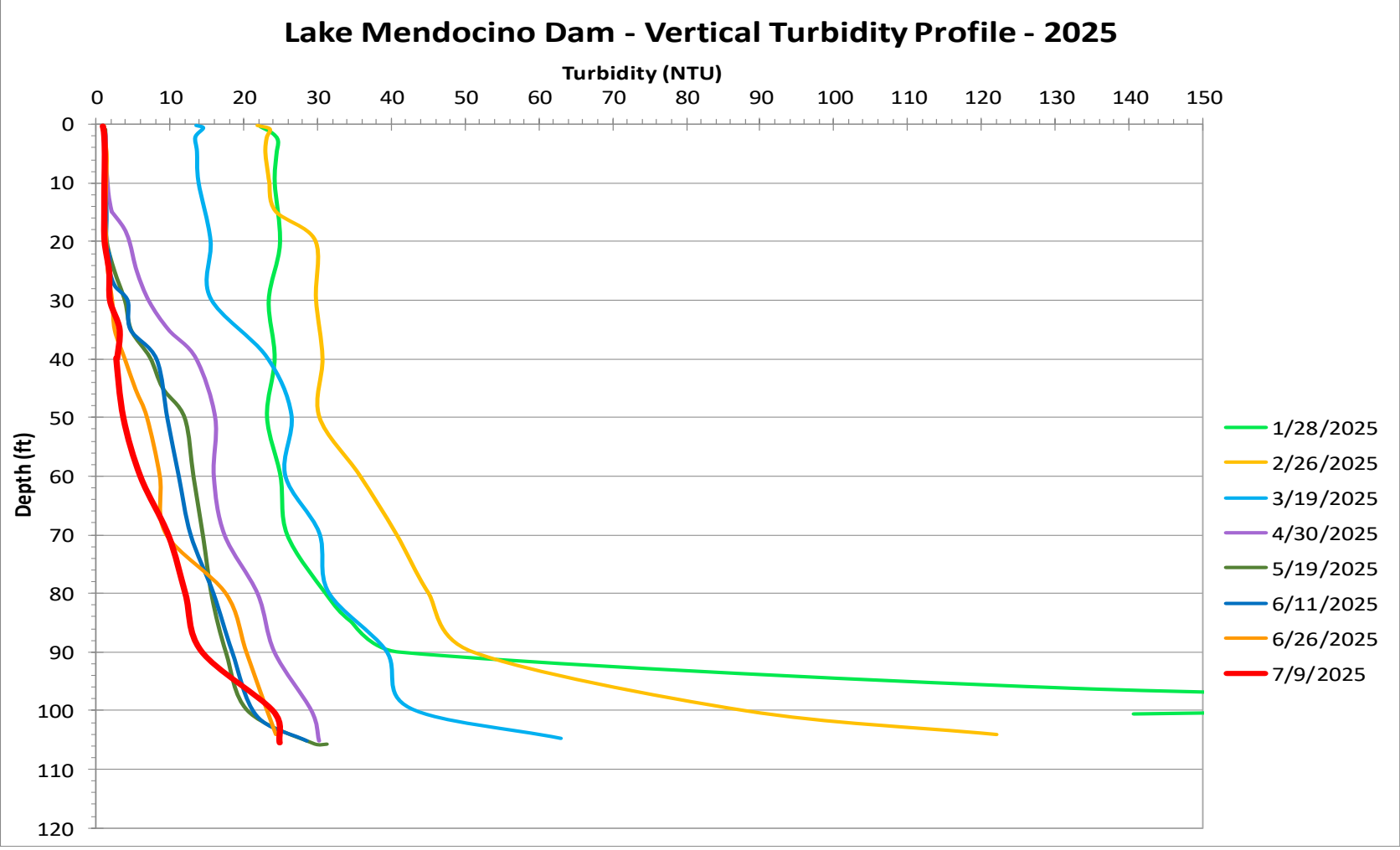
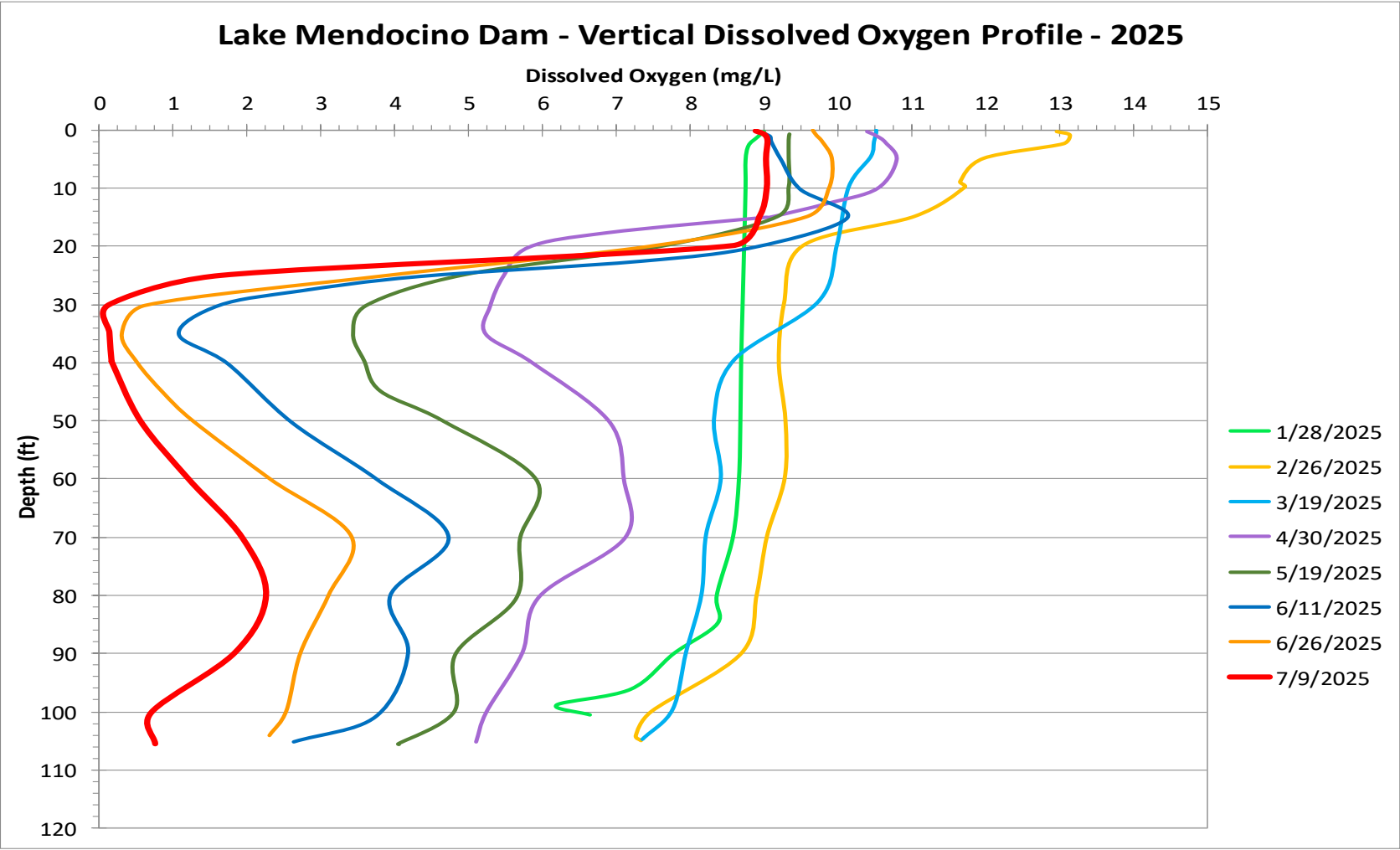
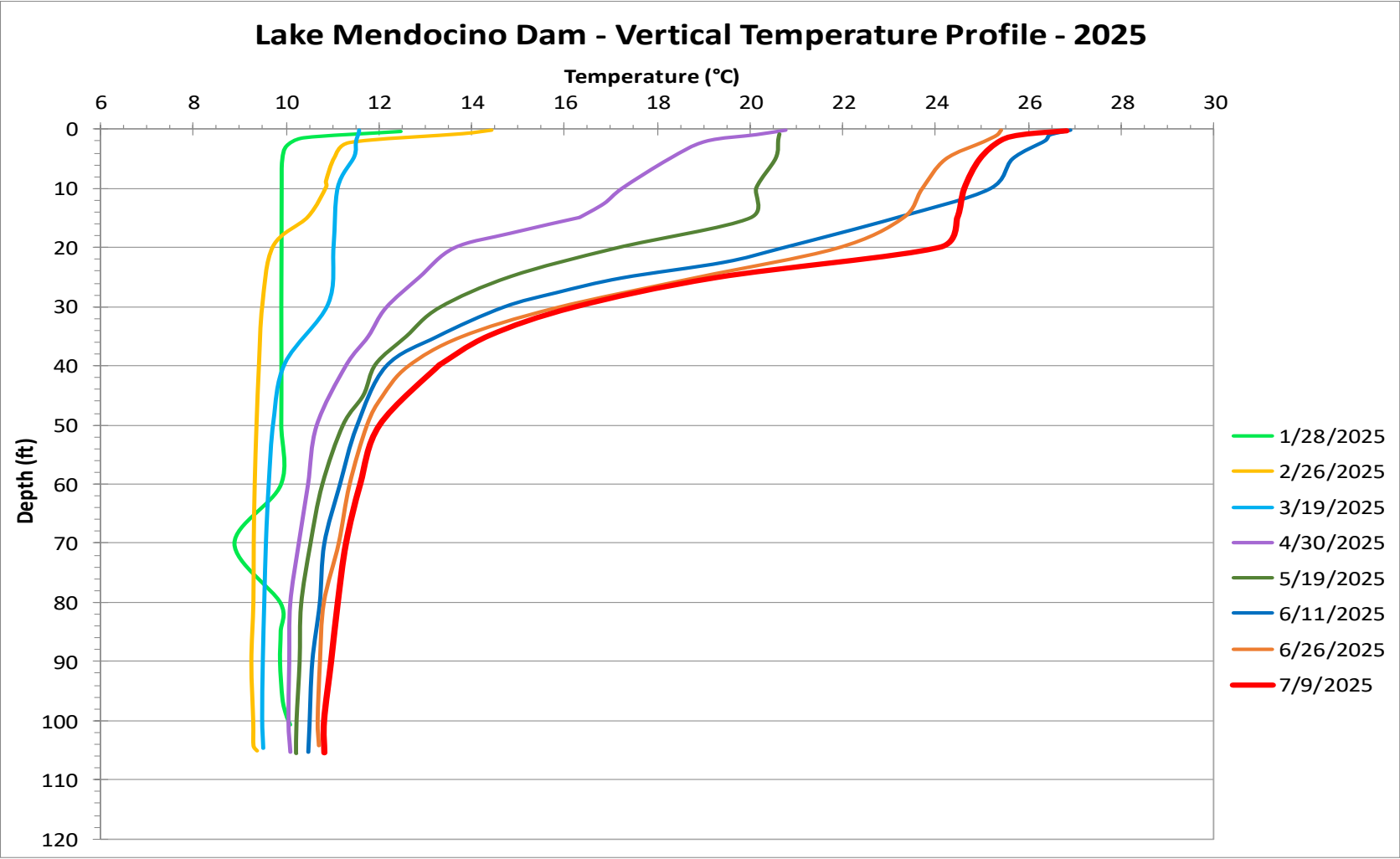
Potter Valley Project

PVP Diversion (cfs)	July 17, 2025	120
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Parameter	Date Range	Cumulative	Daily Average
Inflow* (acre-feet)	October 1, 2024 - July 17, 2025	610,636	2,106
	Last 7 days	512	73

*Inflow calculation based on criteria established in D1610



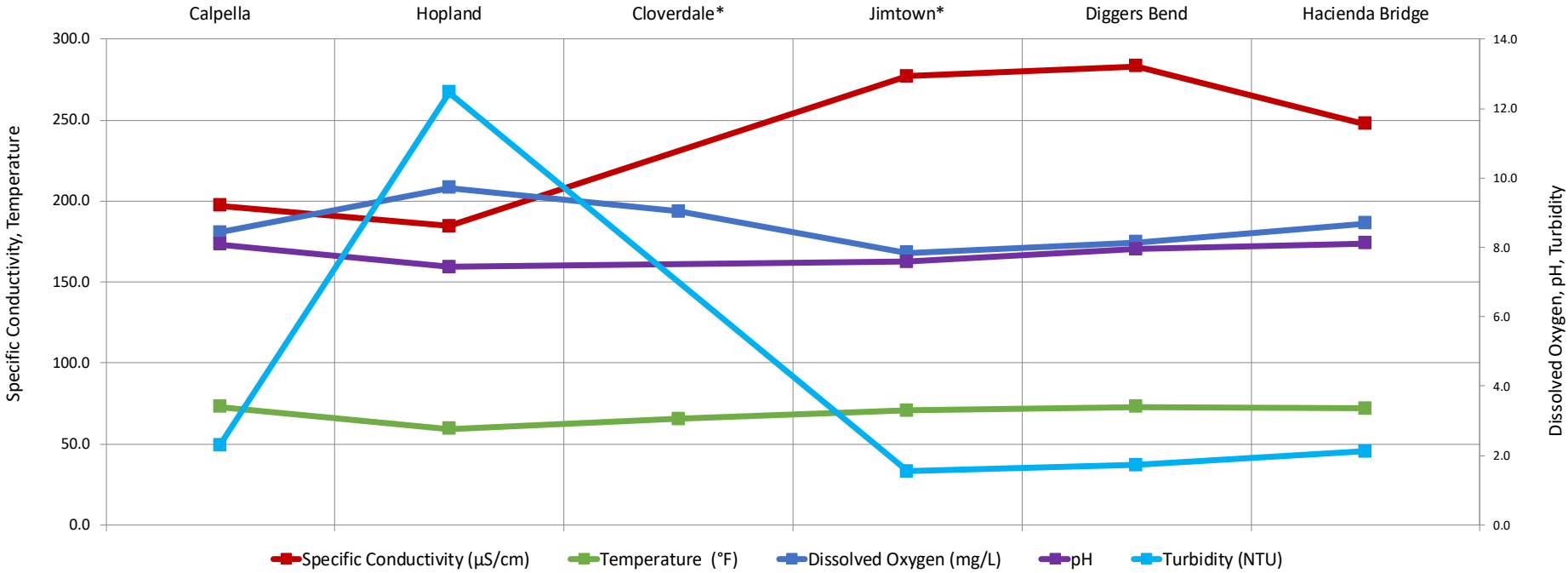


Russian River Flows (July 11, 2025 - July 17, 2025)

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	67.8	57.0	62.6	67.5	69.1		68.0	
	Max	76.5	61.9	69.3	75.0	77.4		76.1	
	Mean	72.7	59.4	65.5	70.7	72.8		71.9	
Specific Conductivity (µS/cm)	Min	193.0	181.0		271.0	277.0		245.0	
	Max	200.0	188.0		282.0	286.0		256.0	
	Mean	197.2	184.4		277.3	283.4		247.7	
Dissolved Oxygen (mg/L)	Min	7.8	9.1	7.9	6.5	7.2		7.5	
	Max	9.4	10.6	10.9	9.7	9.5		9.8	
	Mean	8.4	9.7	9.0	7.8	8.1		8.7	
Dissolved Oxygen (% Saturation)	Min	92.0	89.9	83.1	71.9	80.9		84.1	
	Max	109.1	106.9	118.2	114.8	111.2		116.6	
	Mean	97.6	96.9	96.8	89.0	94.6		99.8	
pH	Min	7.9	7.3		7.5	7.8		7.8	
	Max	8.4	7.6		7.8	8.2		8.3	
	Mean	8.1	7.4		7.6	7.9		8.1	
Turbidity (NTU)	Min	1.5	10.5		0.8	1.0		1.4	
	Max	3.3	14.5		2.5	2.6		3.3	
	Mean	2.3	12.5		1.5	1.7		2.1	

*Station operated seasonally

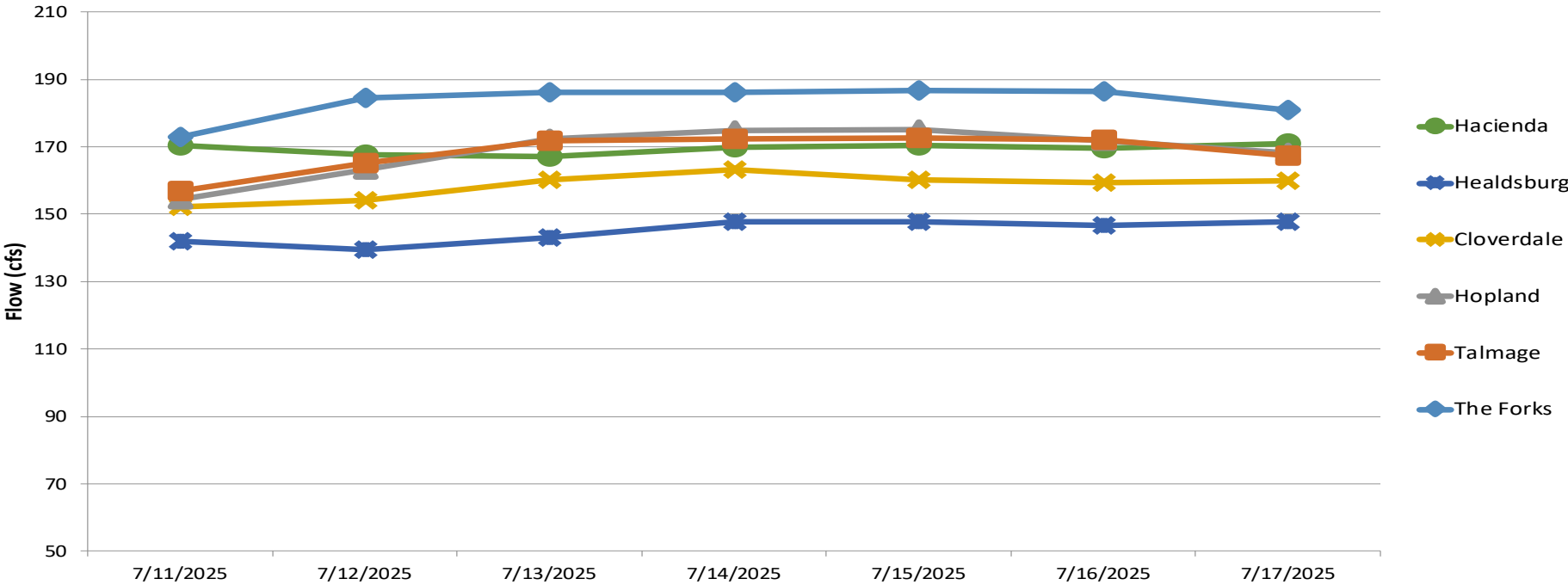
Water Quality Mean Values



Gage	24-hr Average Flow (cfs)						
	Jul 11, 2025	Jul 12, 2025	Jul 13, 2025	Jul 14, 2025	Jul 15, 2025	Jul 16, 2025	Jul 17, 2025
The Forks*	173	185	186	186	187	187	181
Talmage USGS 11462080	157	165	172	172	173	172	167
Hopland USGS 11462500	154	163	172	175	175	172	168
Cloverdale USGS 11463000	152	154	160	163	160	159	160
Healdsburg USGS 11464000	142	140	143	148	148	147	148
Hacienda USGS 11467000	171	168	167	170	170	170	171

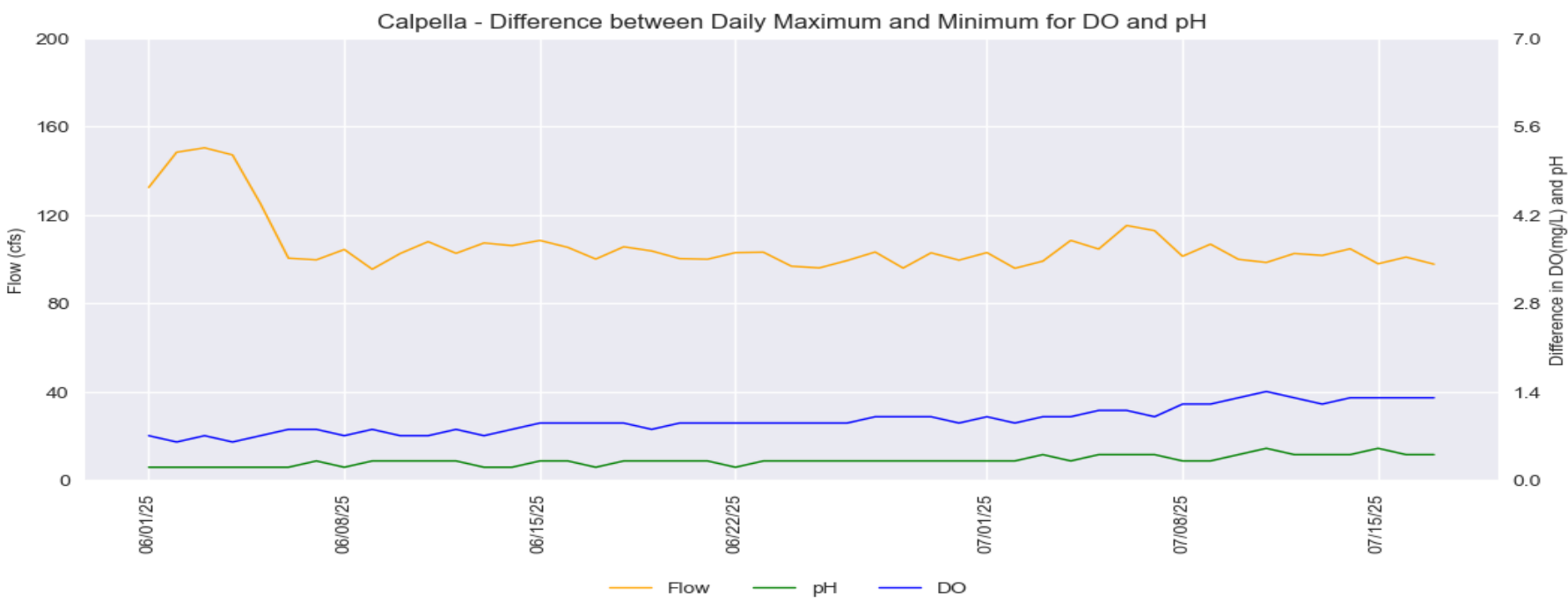
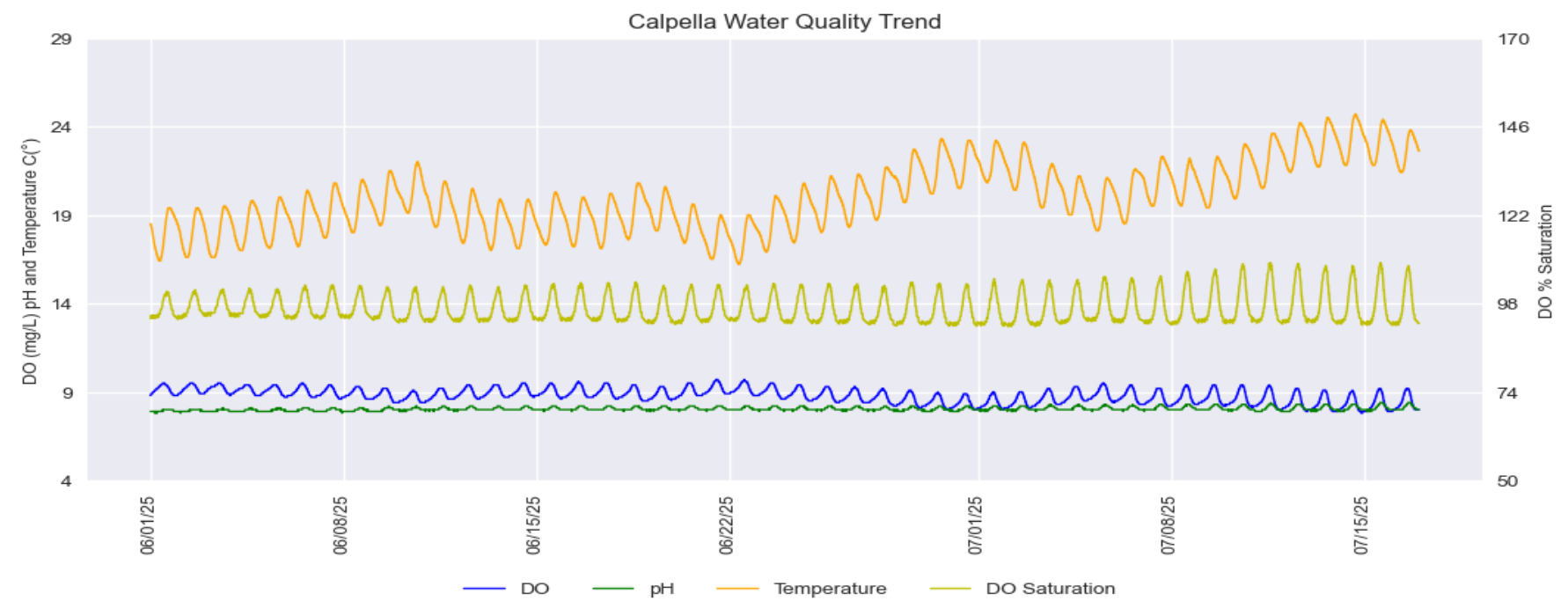
*West Fork(USGS 11461000) + East Fork (Coyote Valley Dam Release)

Russian River Flows

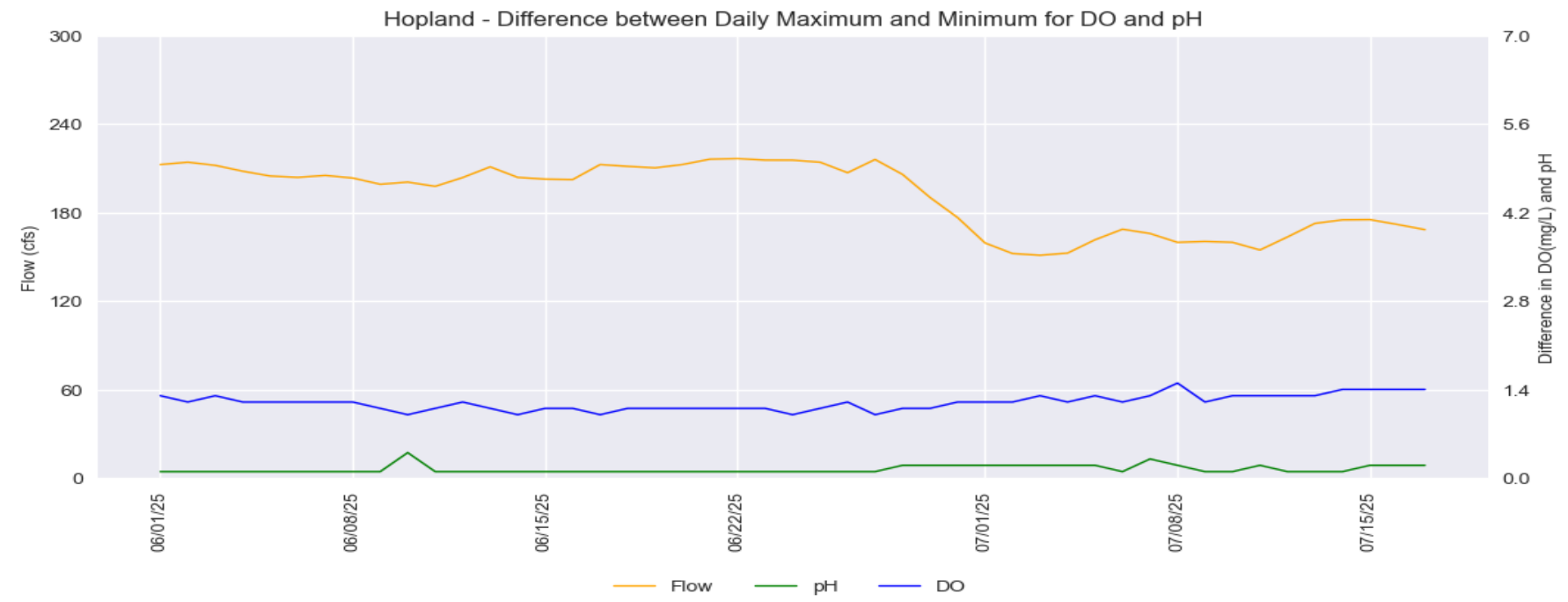
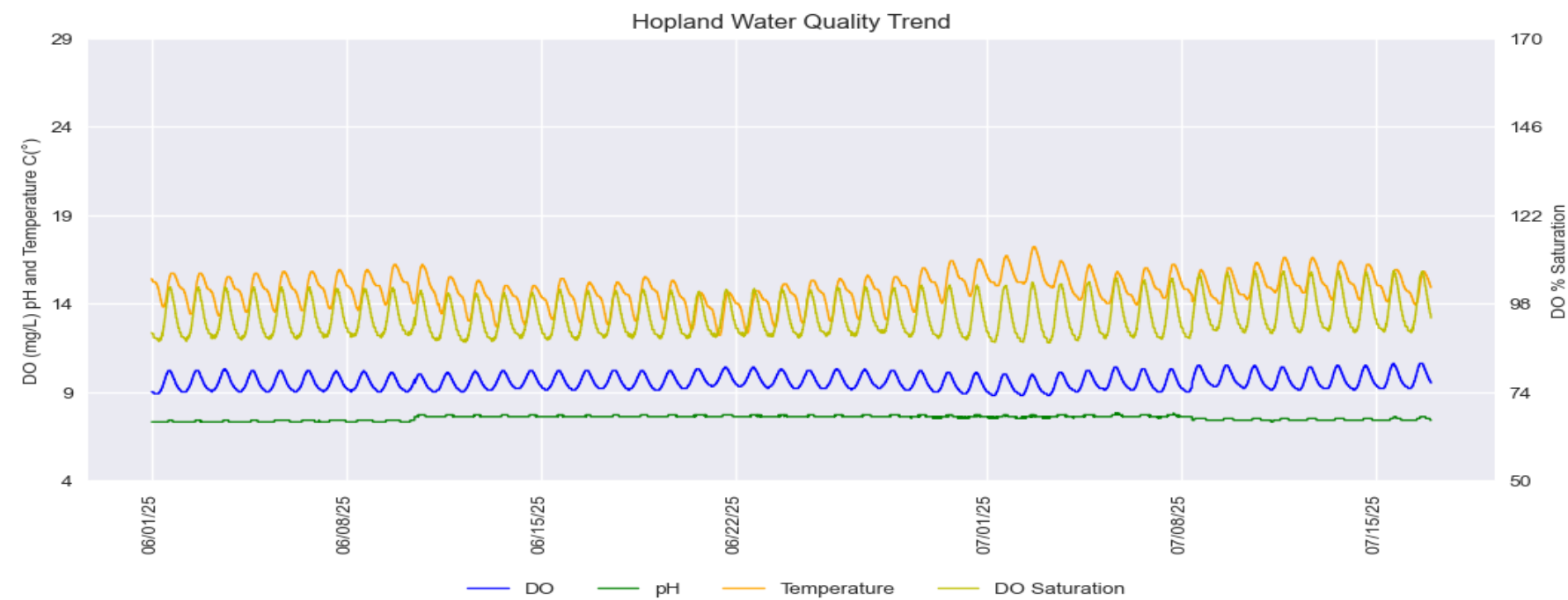


Russian River Water Quality June 1, 2025 – July 17, 2025
Provisional Data Subject to Revision

Calpella



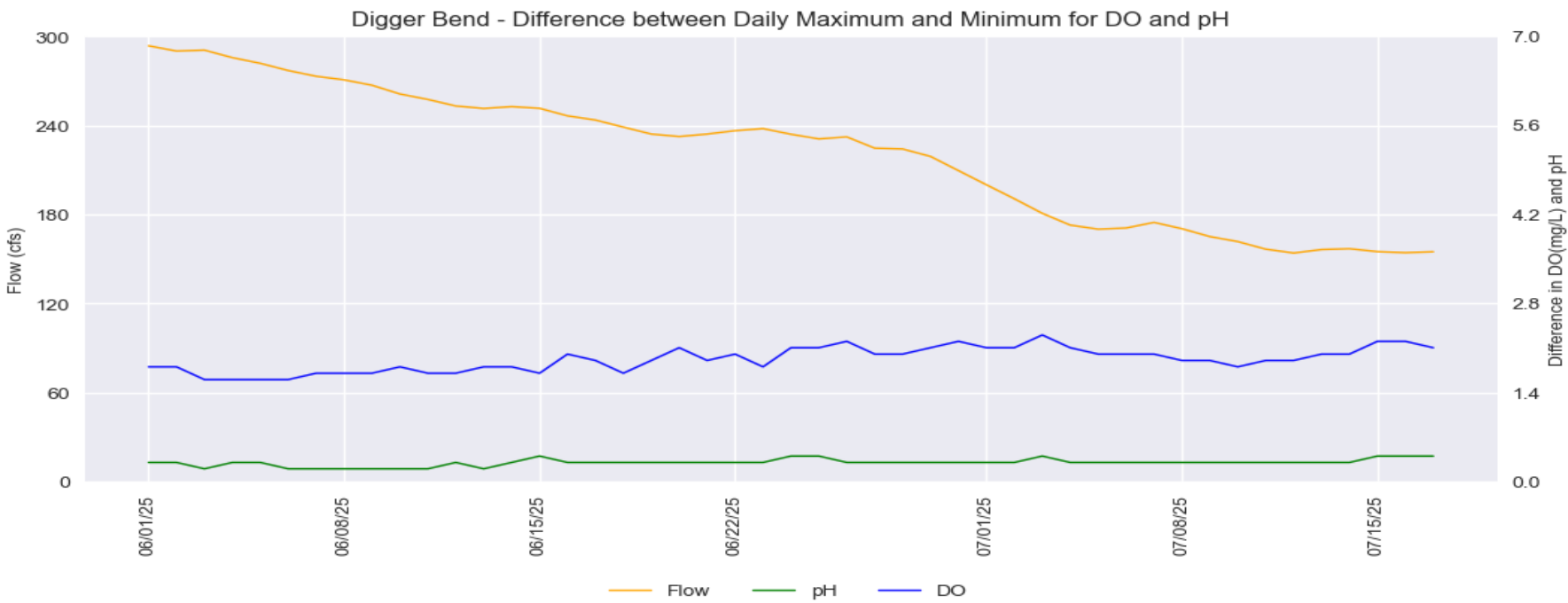
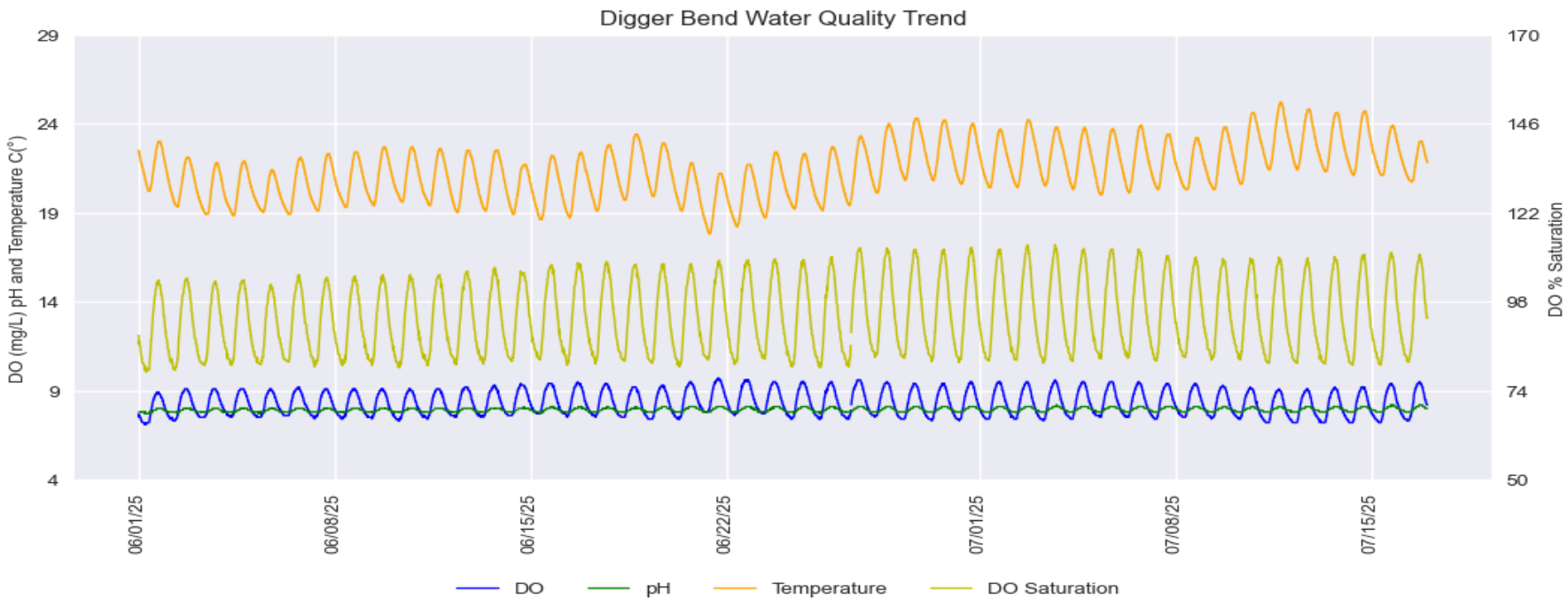
Hopland



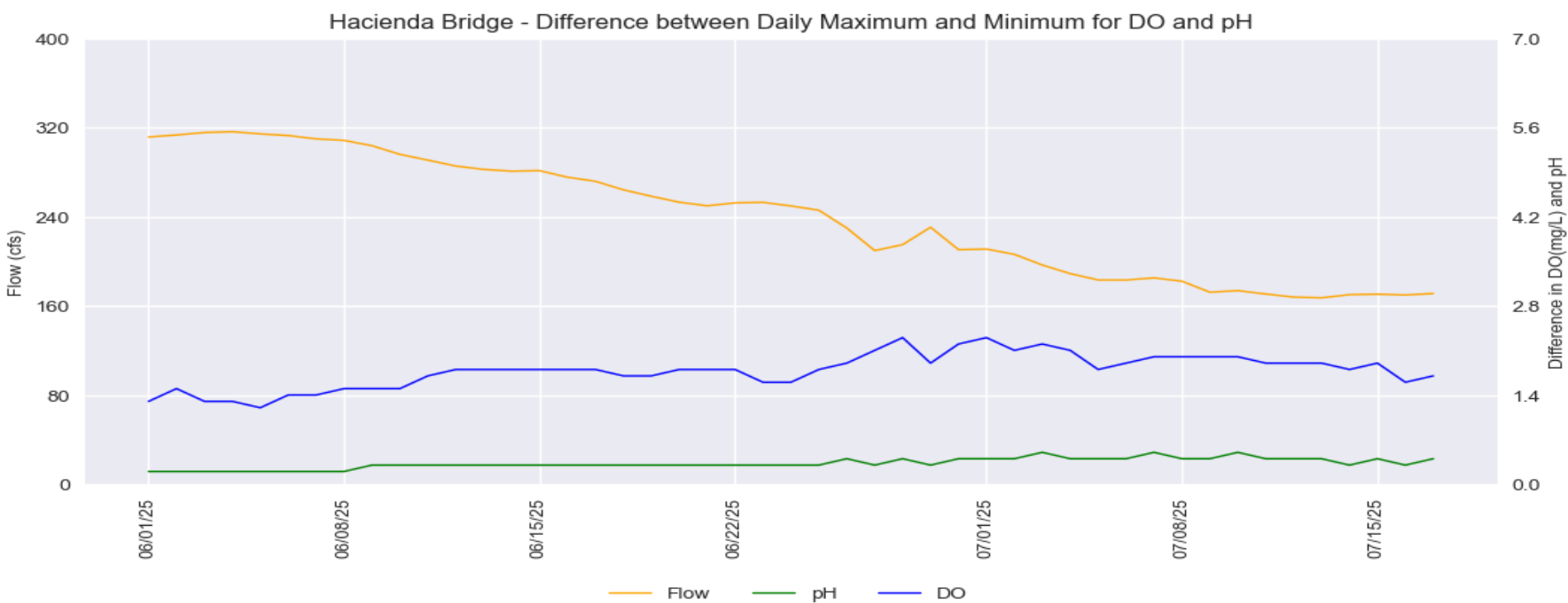
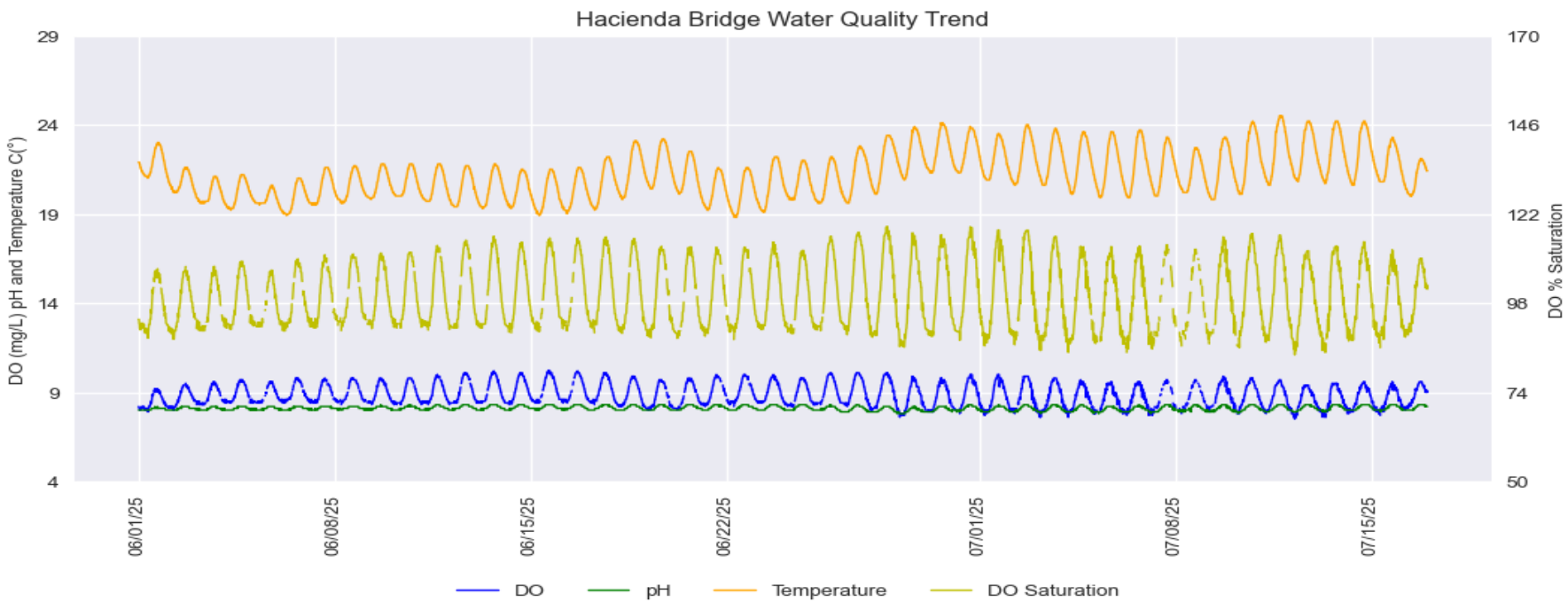
Russian River Water Quality June 1, 2025 – July 17, 2025

Provisional Data Subject to Revision

Digger Bend

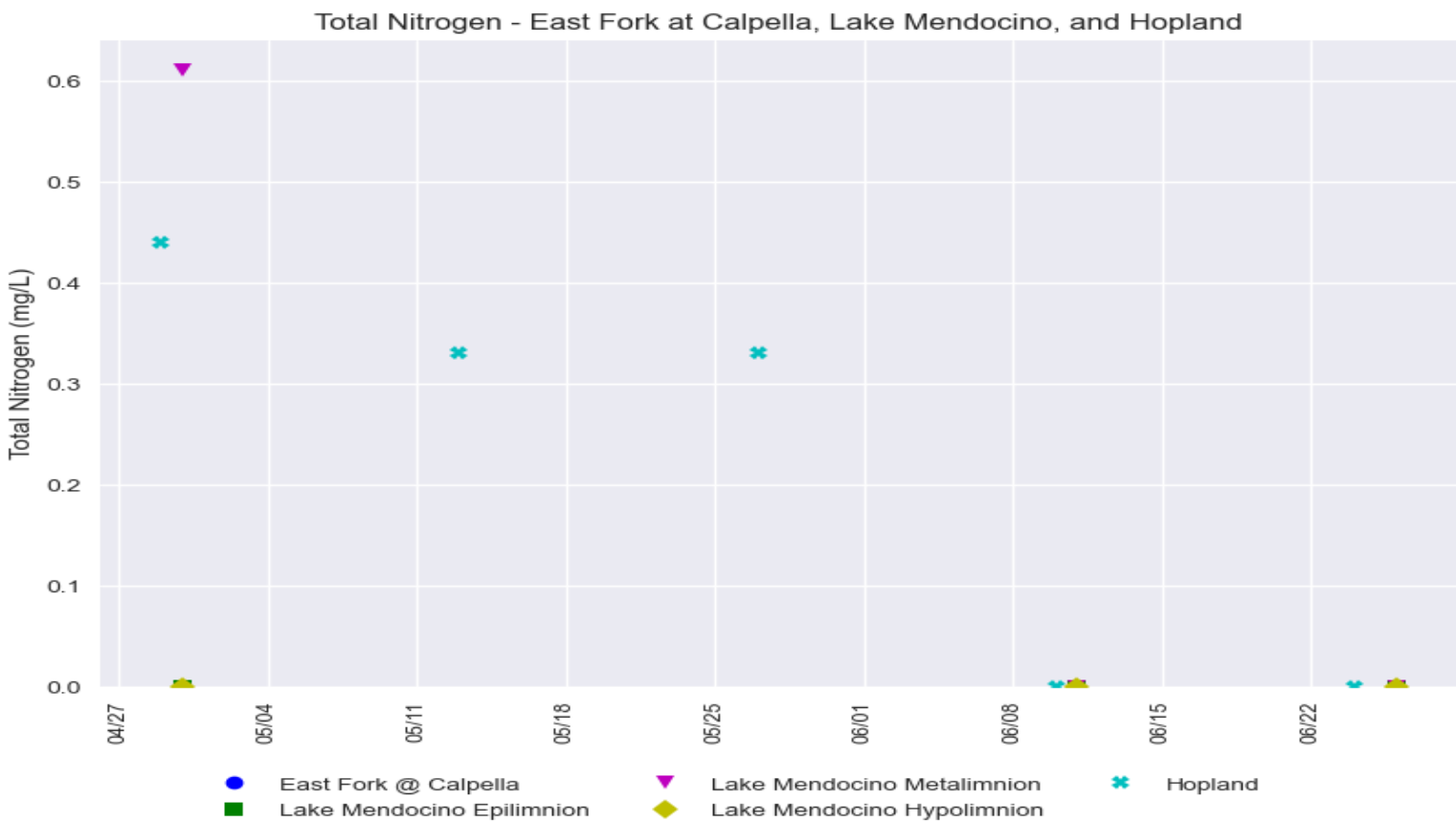
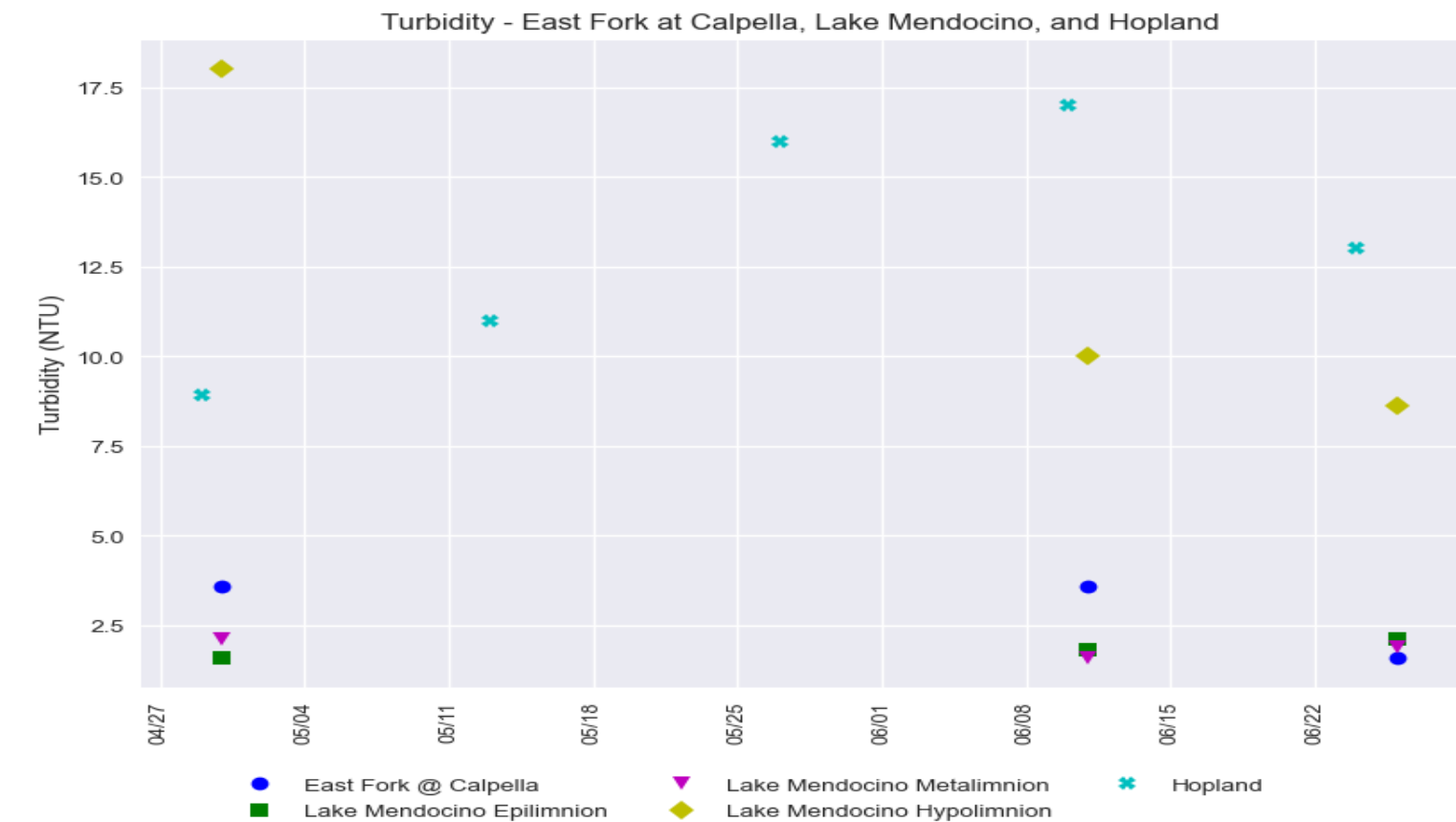
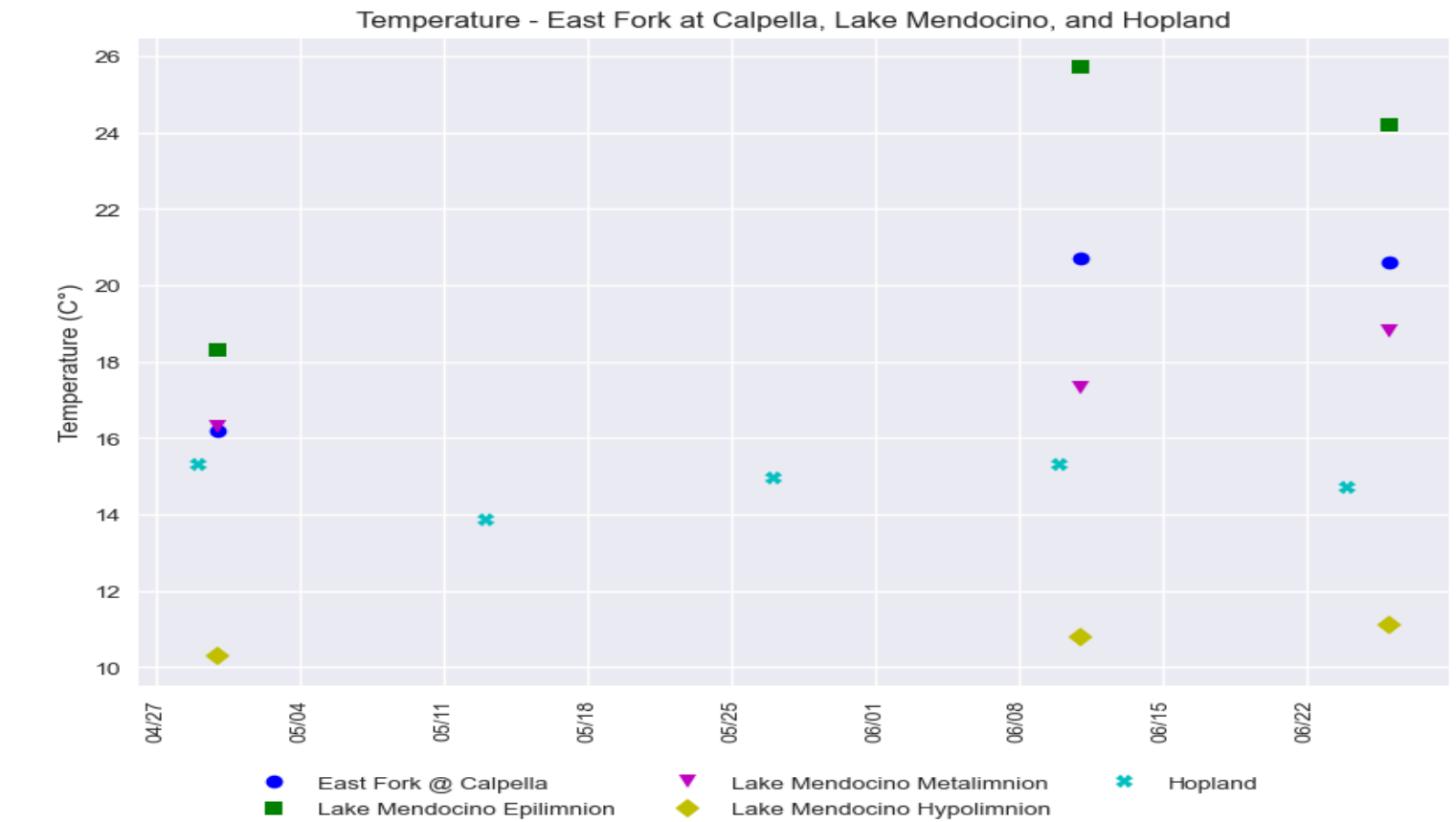


Hacienda Bridge



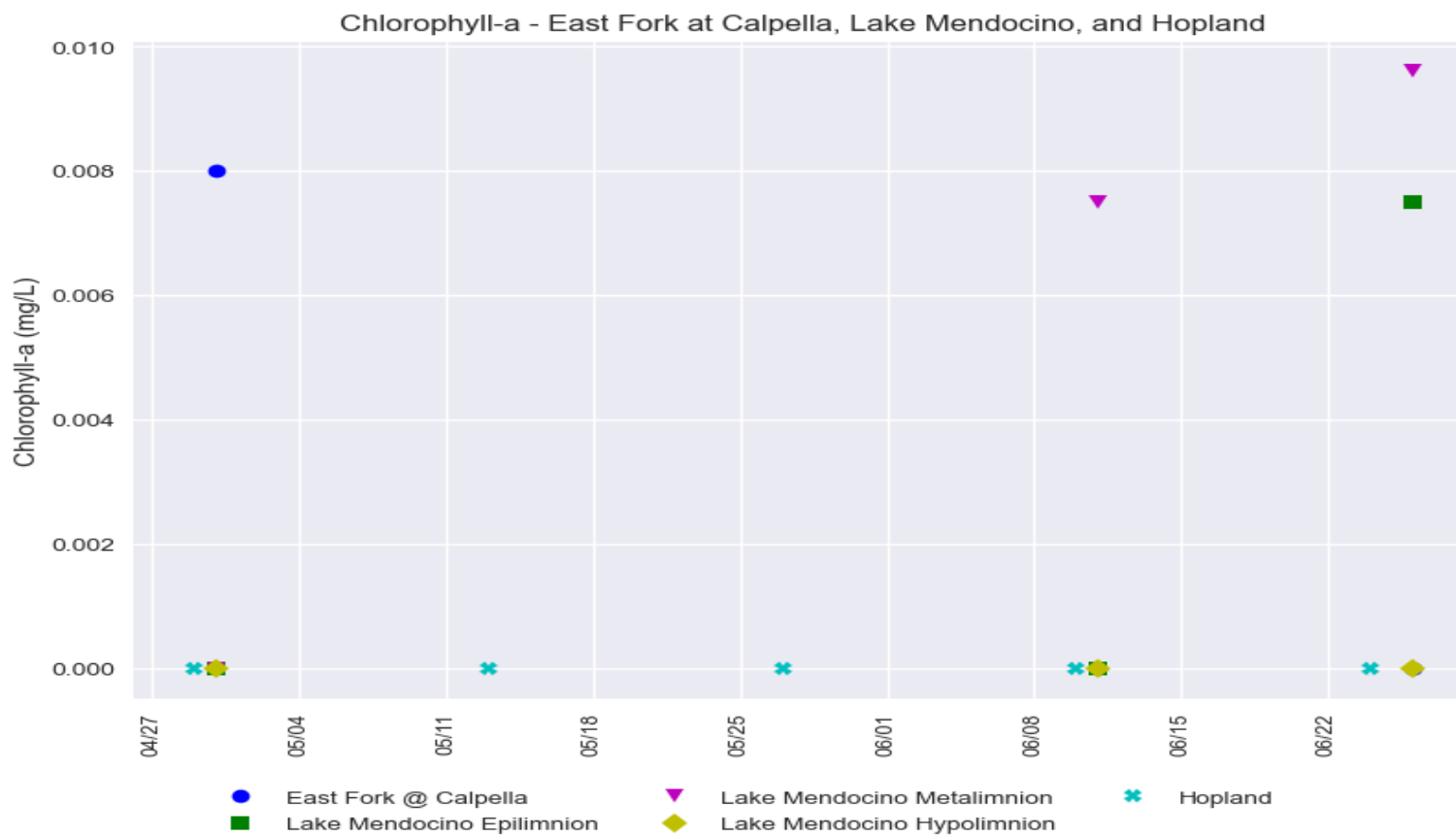
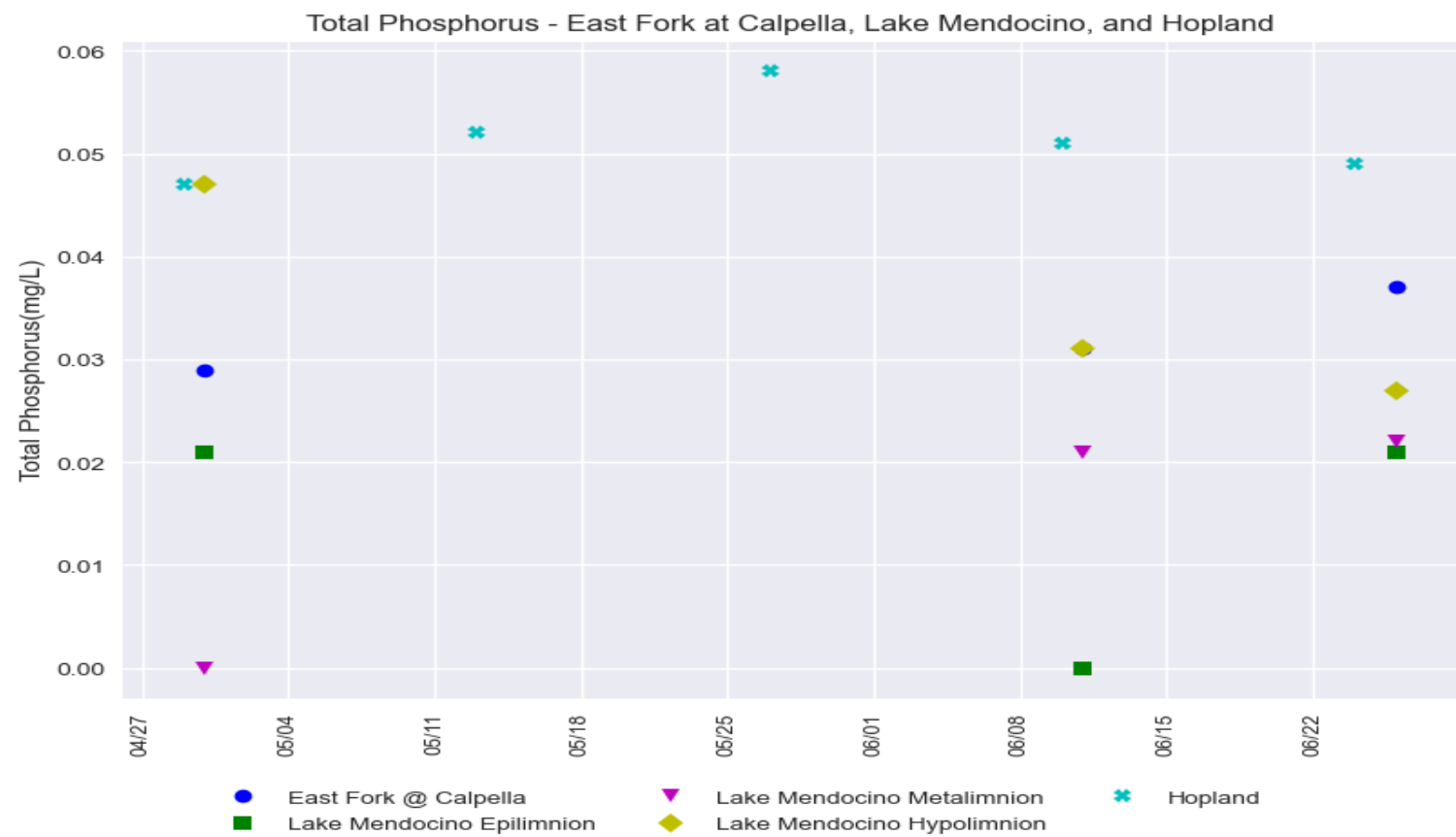
Russian River Water Quality Grab Samples

Provisional Data Subject to Revision



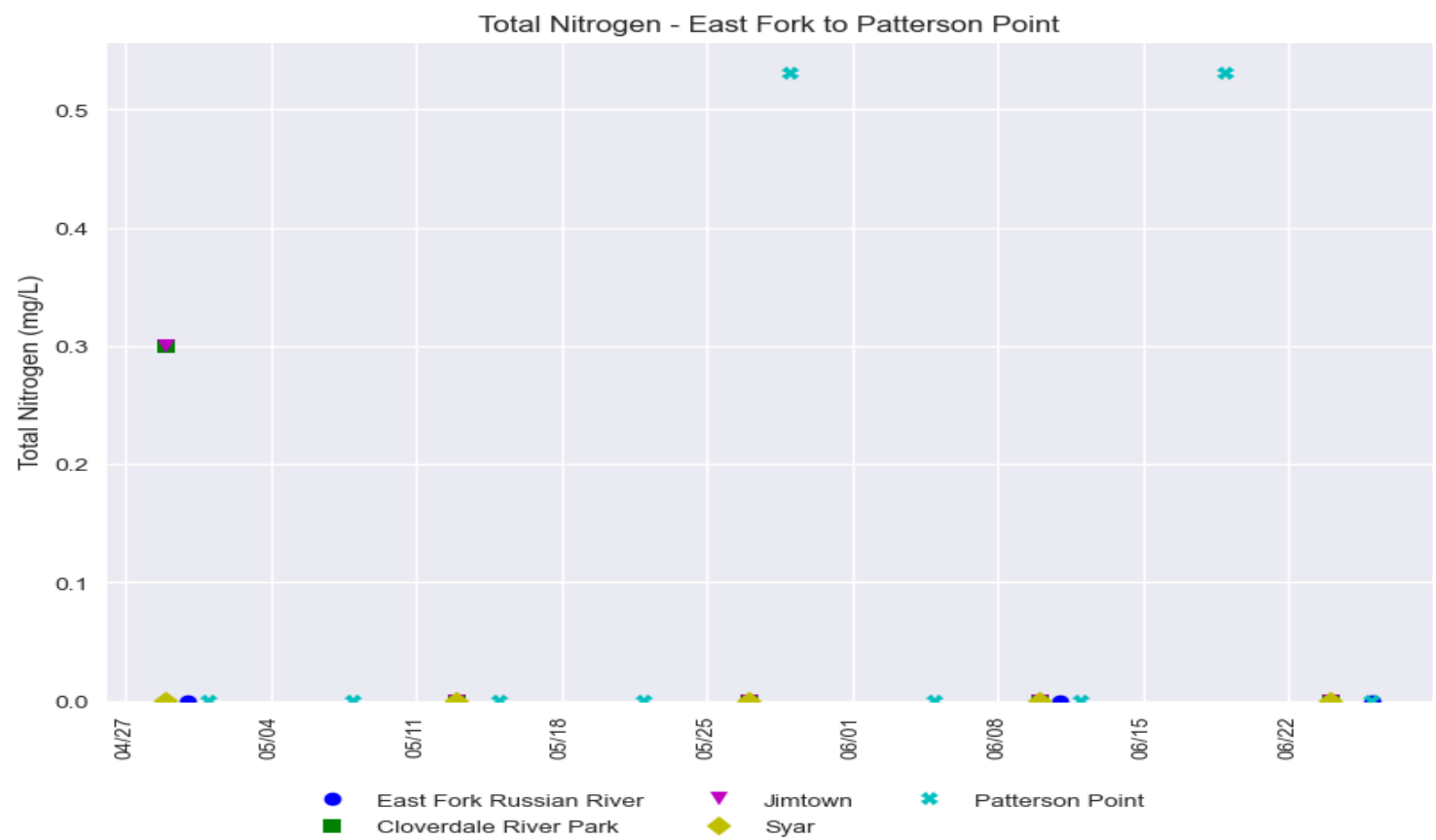
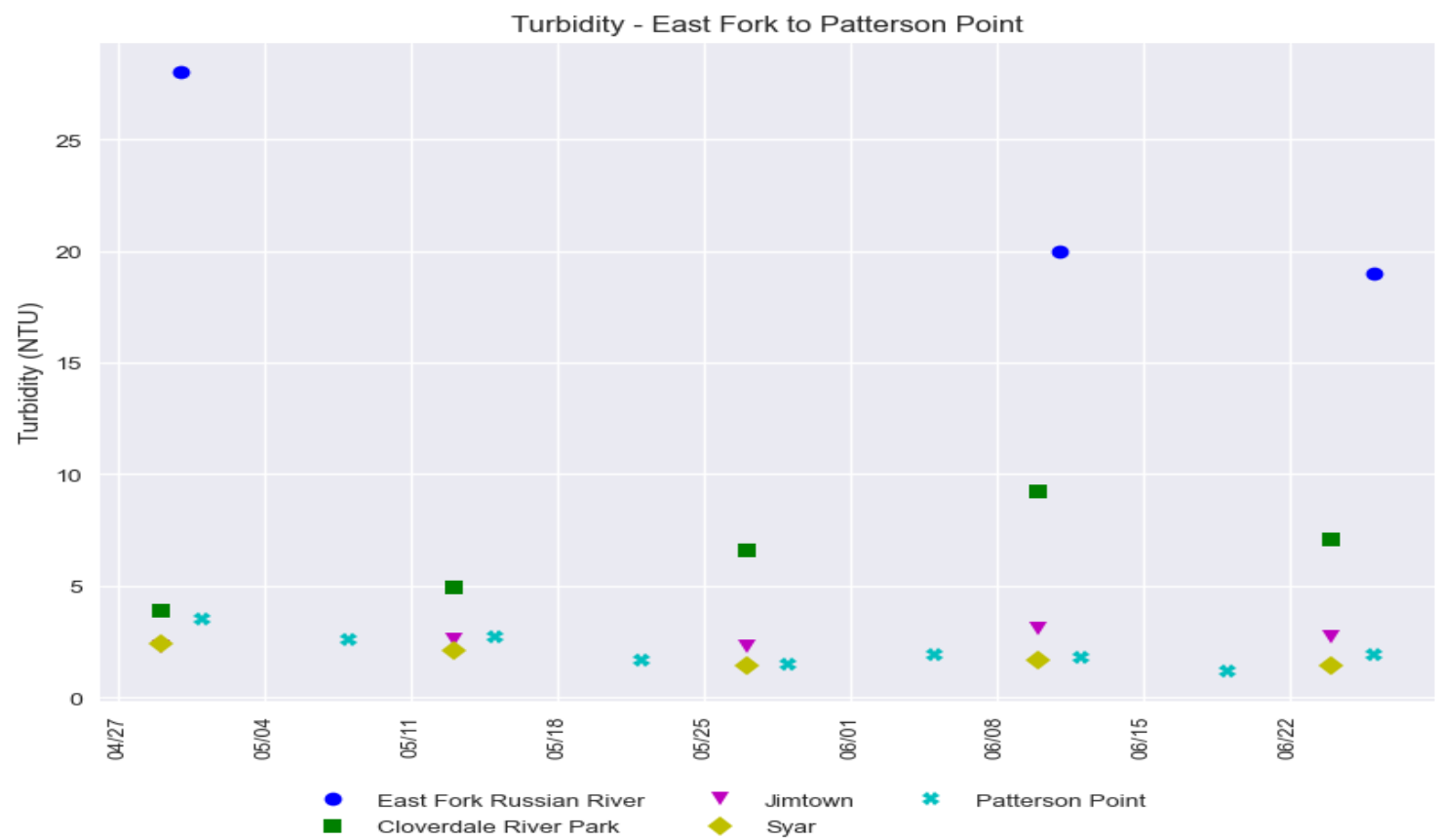
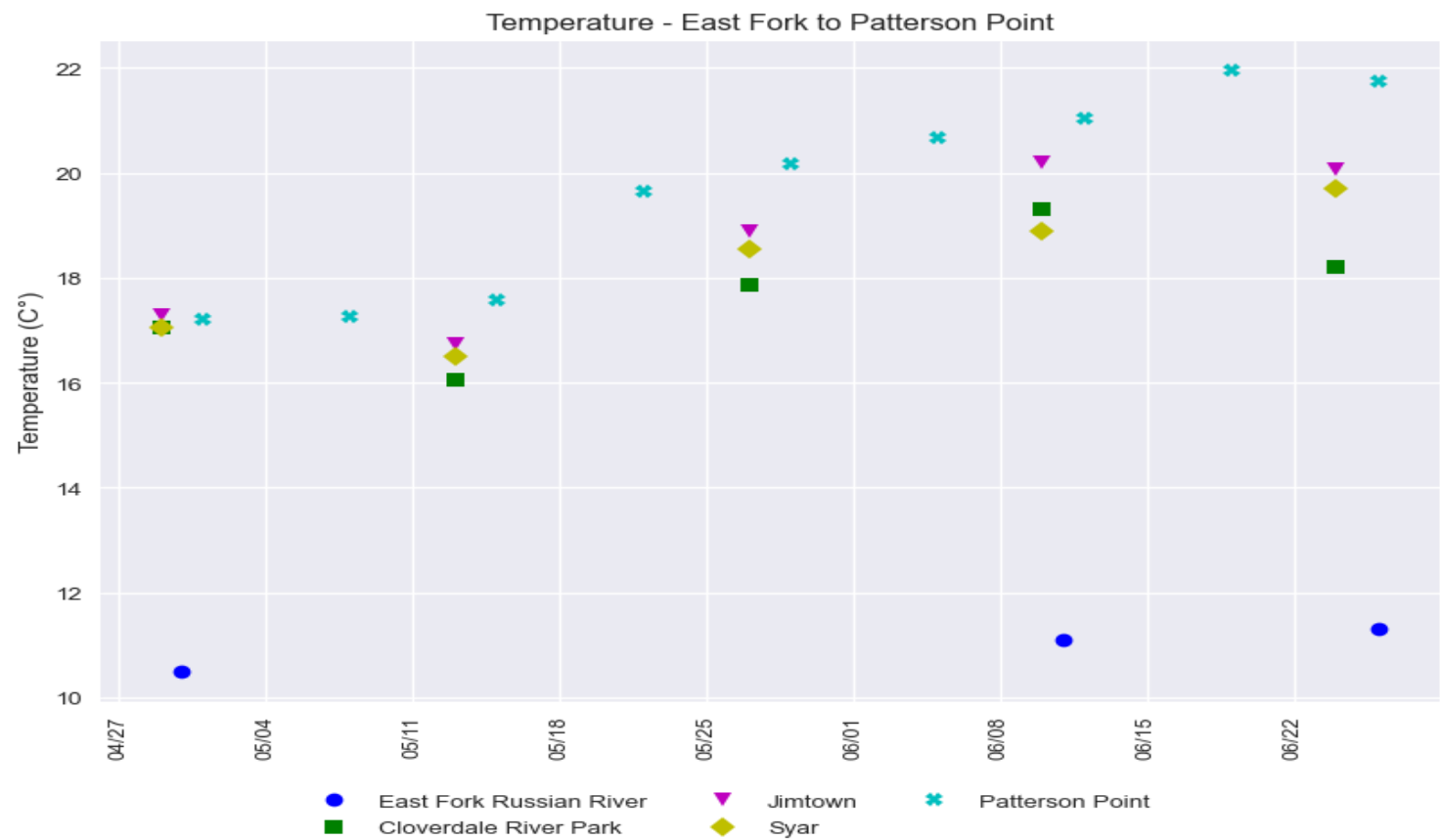
Russian River Water Quality Grab Samples

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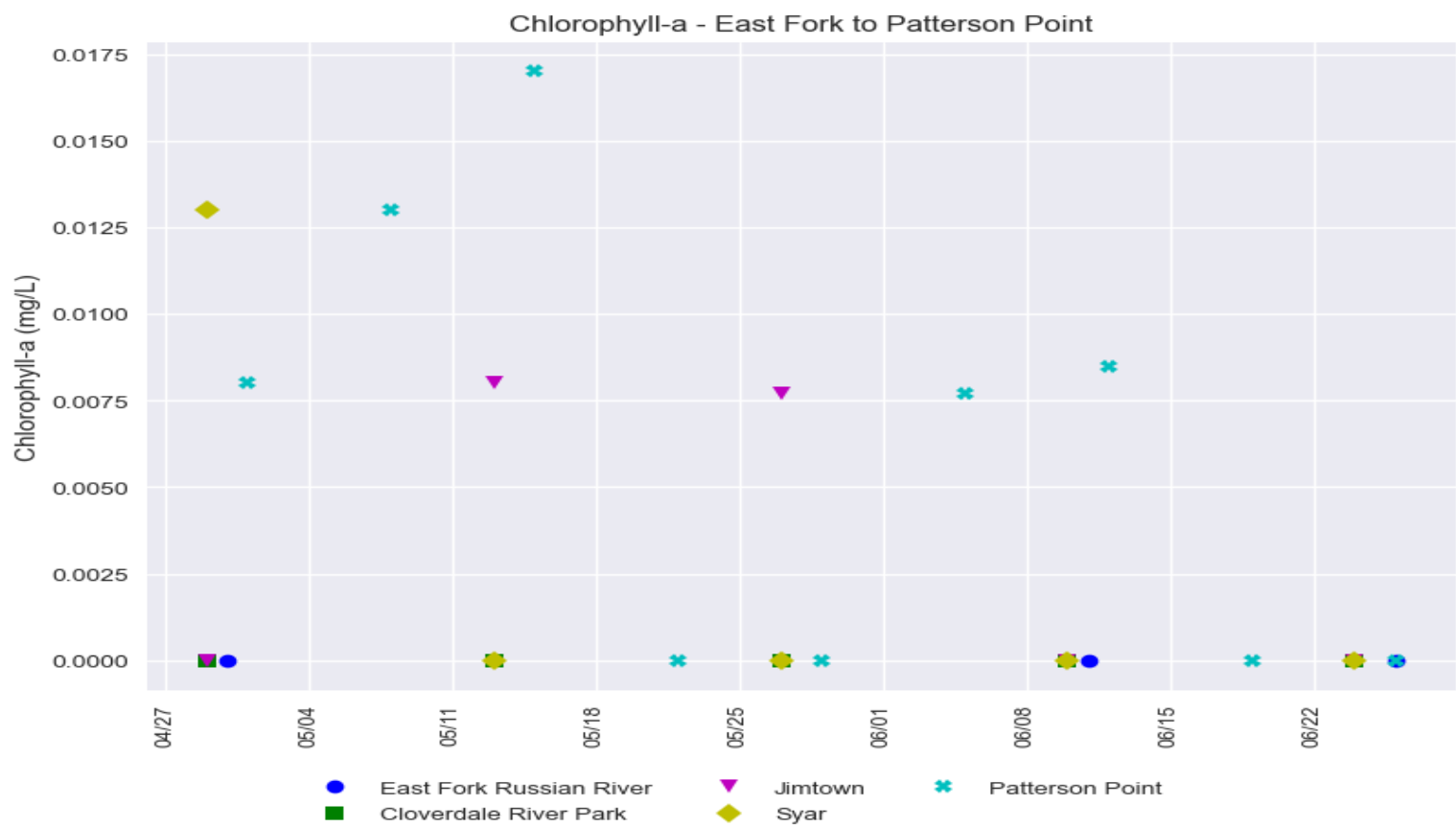
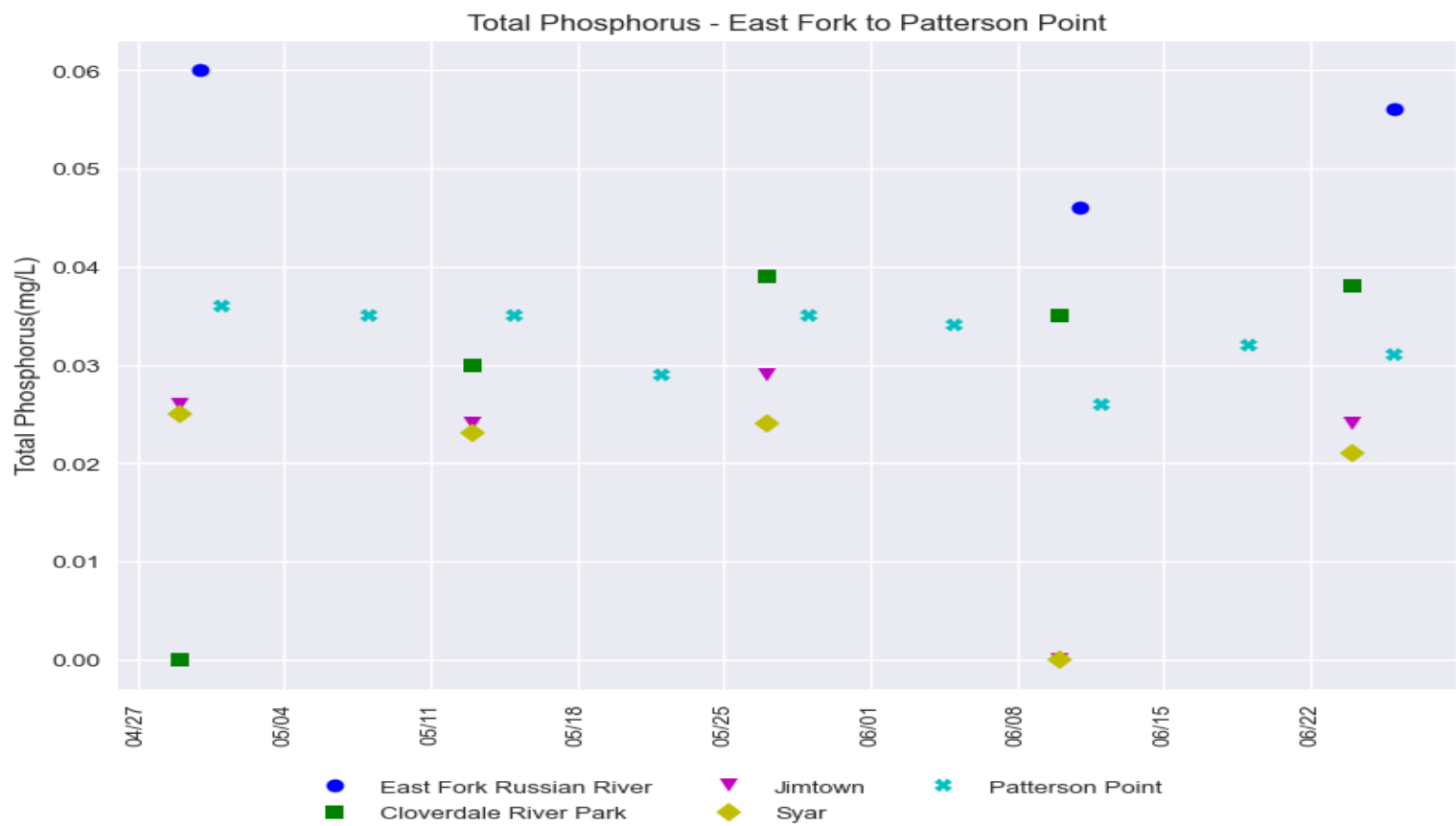
Russian River Water Quality Grab Samples

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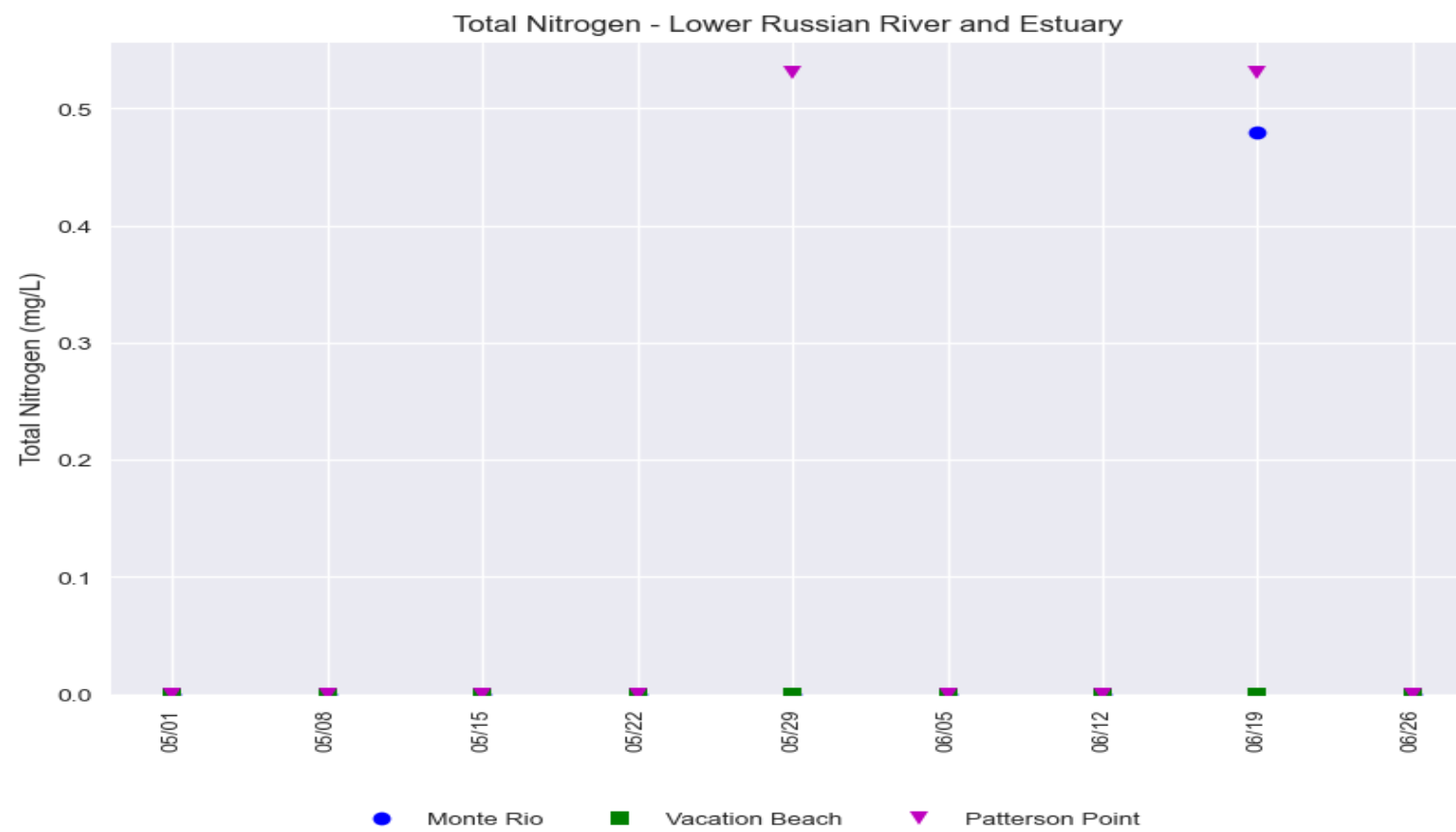
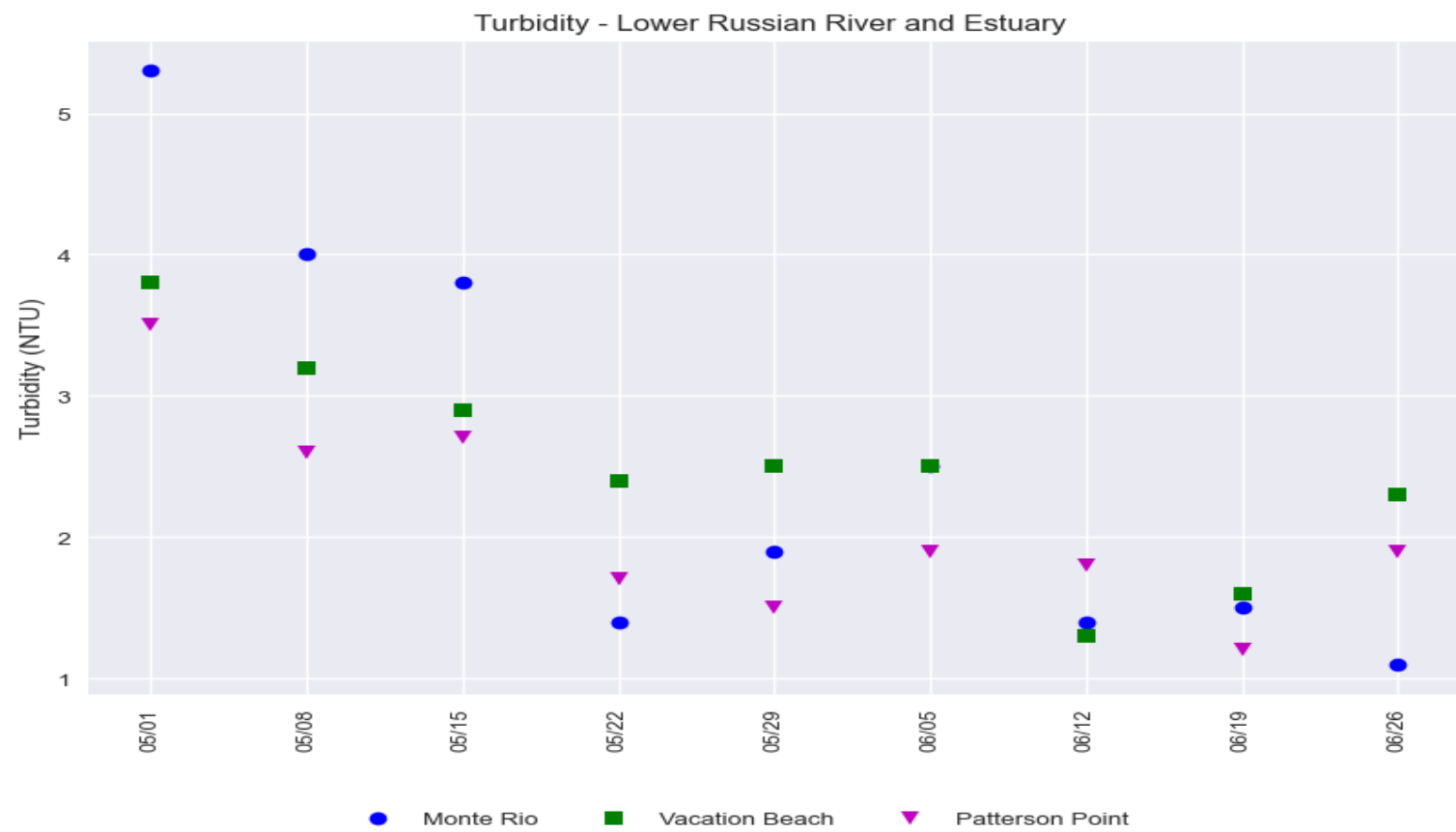
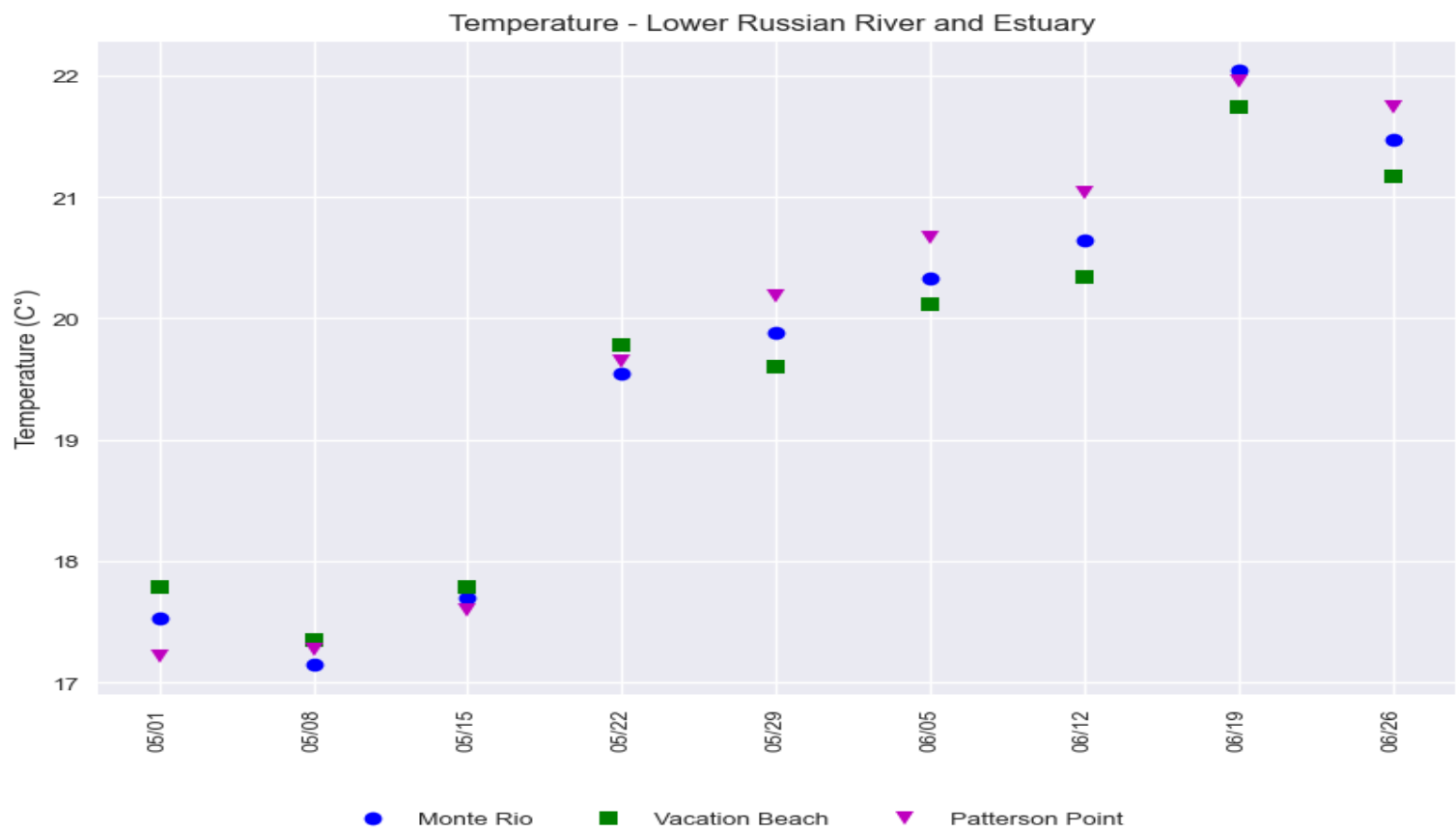
Russian River Water Quality Grab Samples

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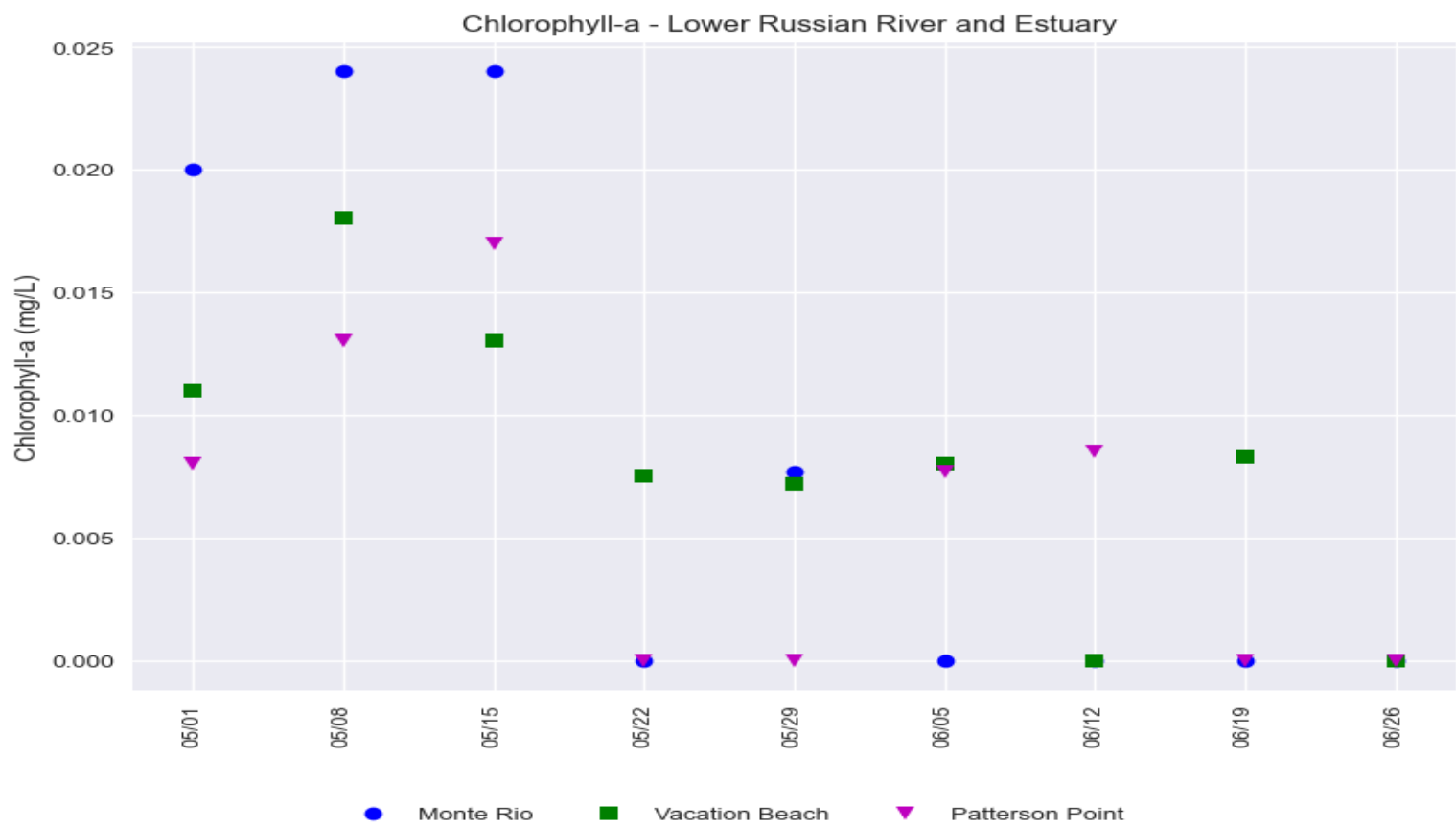
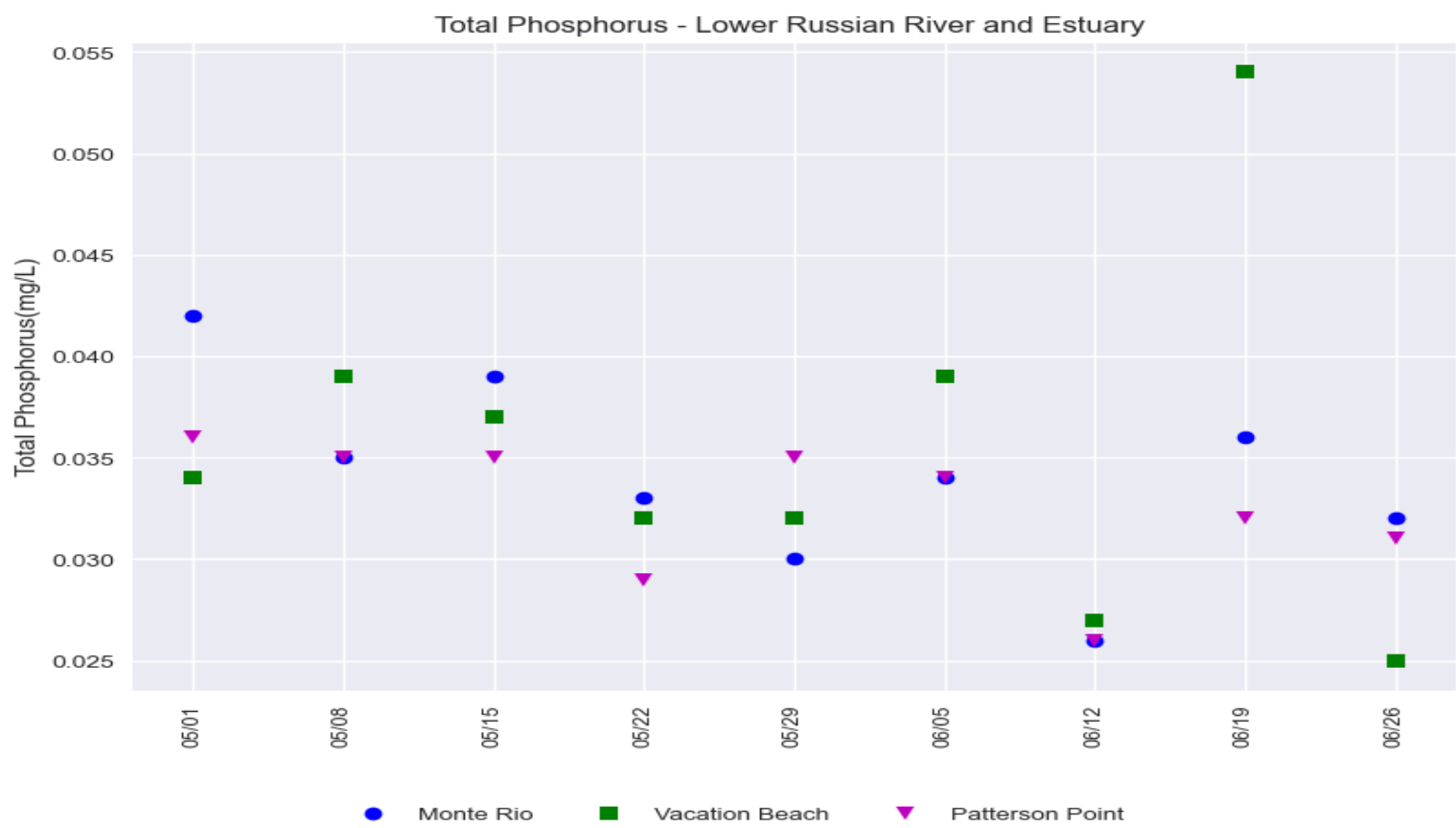
Russian River Water Quality Grab Samples

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

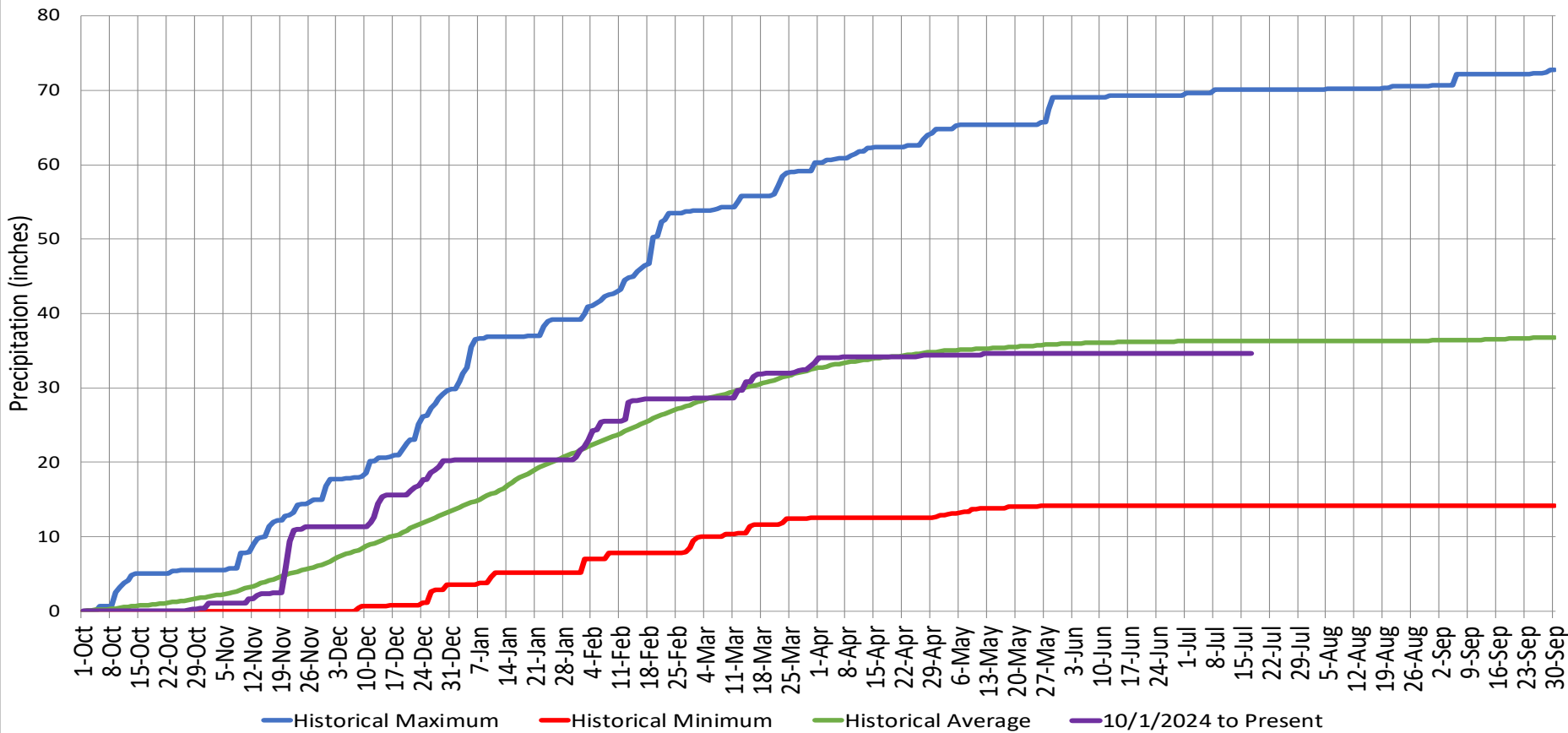
Parameter***	CDPH Guidance*	Date	Patterson Point	Monte Rio	Vacation Beach
Total Coliforms MPN/100 mL	10,000	5/29/2025	920.8	1046.2	1203.3
		6/5/2025	1553.1	1732.9	1986.3
		6/12/2025	1725**	1153**	1664**
		6/19/2025	1497**	2613**	2909**
		6/26/2025	3076**	3130**	2359**
		7/3/2025	2143**	2481**	2098**
		7/8/2025	2851**	3076**	2247**
		7/10/2025	2359**	3873**	3255**
E. Coli 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 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

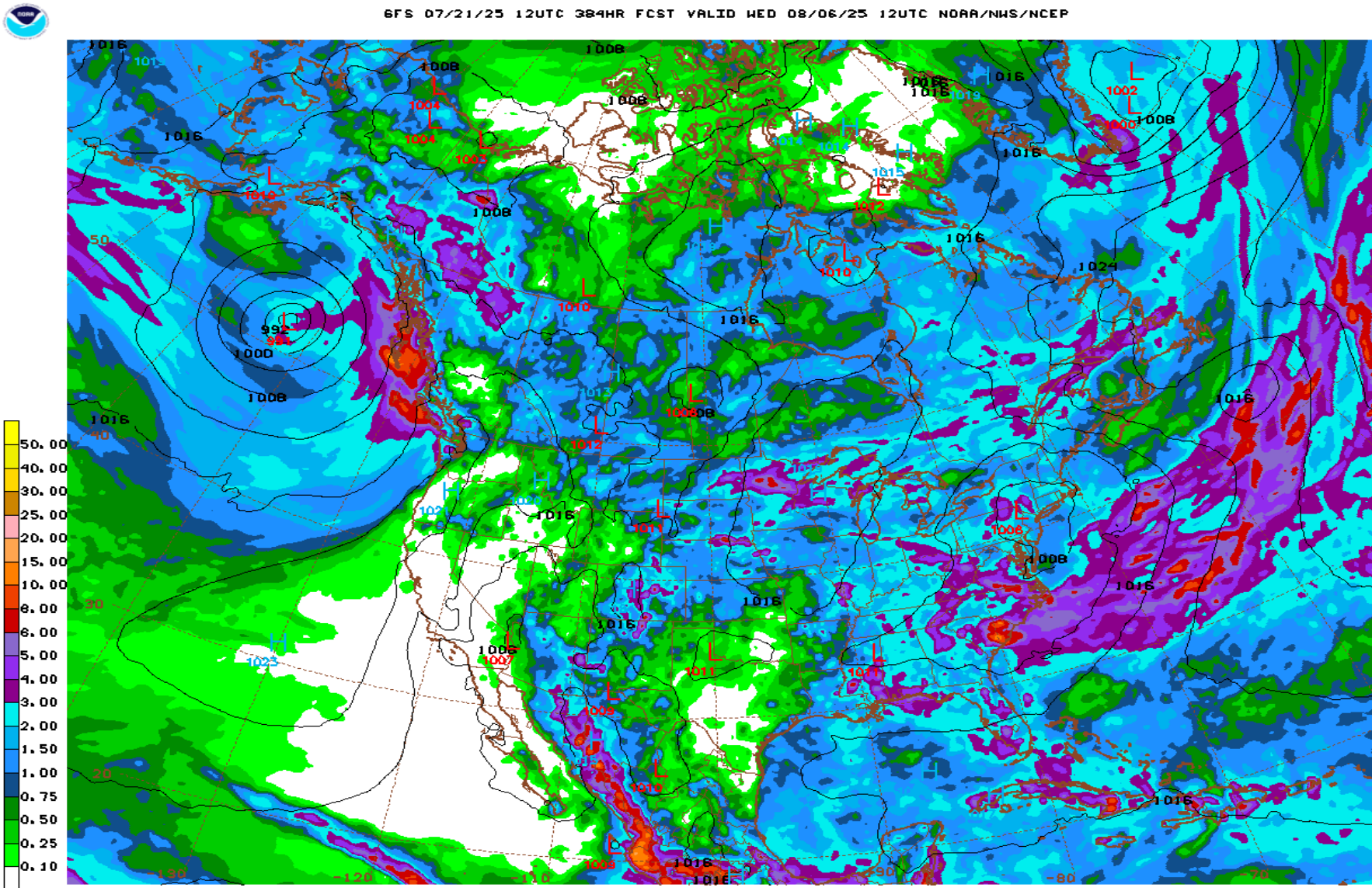
Precipitation

Ukiah Municipal Airport (WBAN: 72590523275 (KUKI))	
Date Range	Cumulative (inches)
Oct 1, 2024 - Jul 17, 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



Date Range	Forecasted Cumulative (inches)
Jul 21 - Aug 6, 2025	0.00