



Sonoma
Water

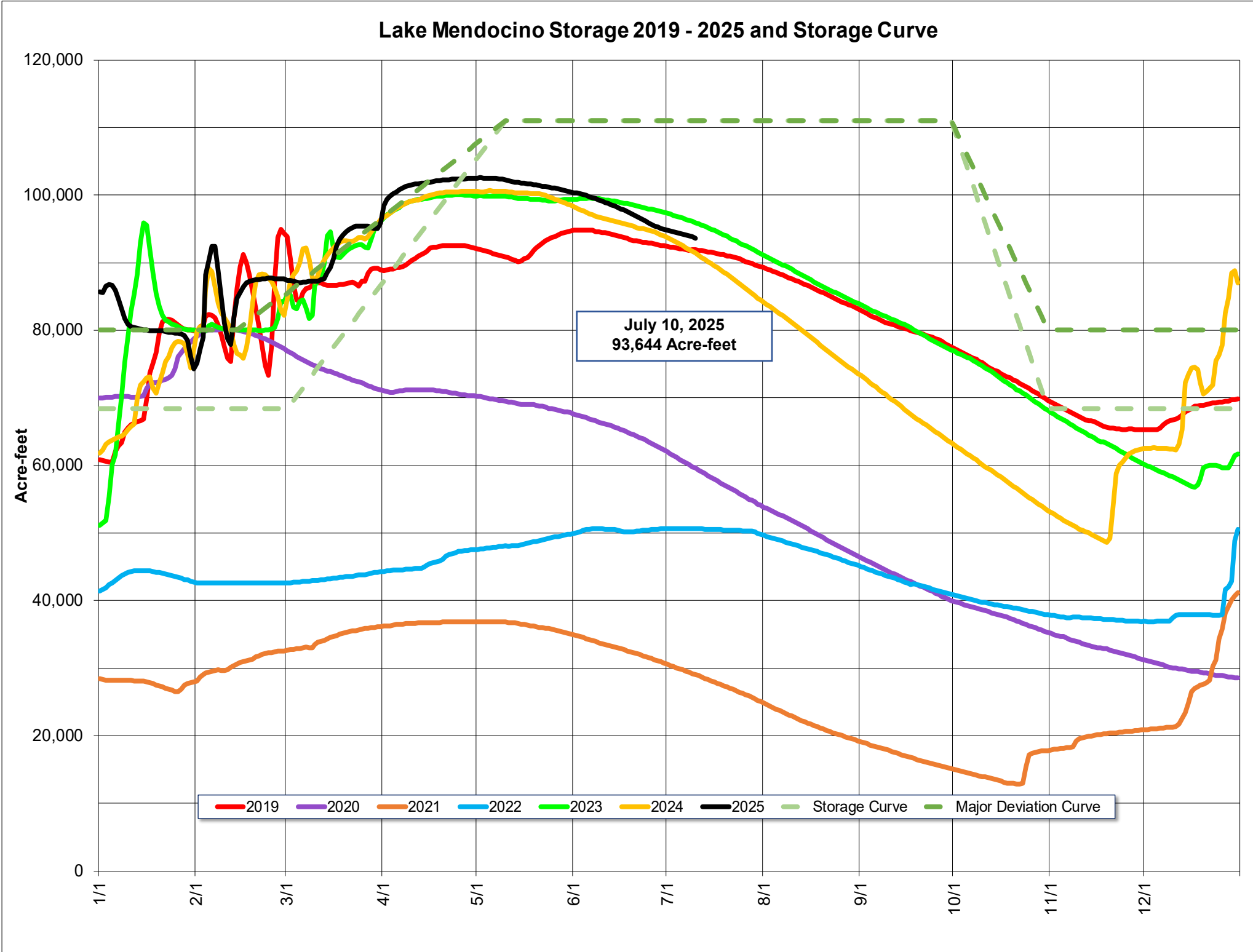
State Water Resources Control Board
Temporary Urgency Change Orders (06/27/2025)
Russian River Hydrologic & Water Quality Report
July 4, 2025 - July 10, 2025

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 10, 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

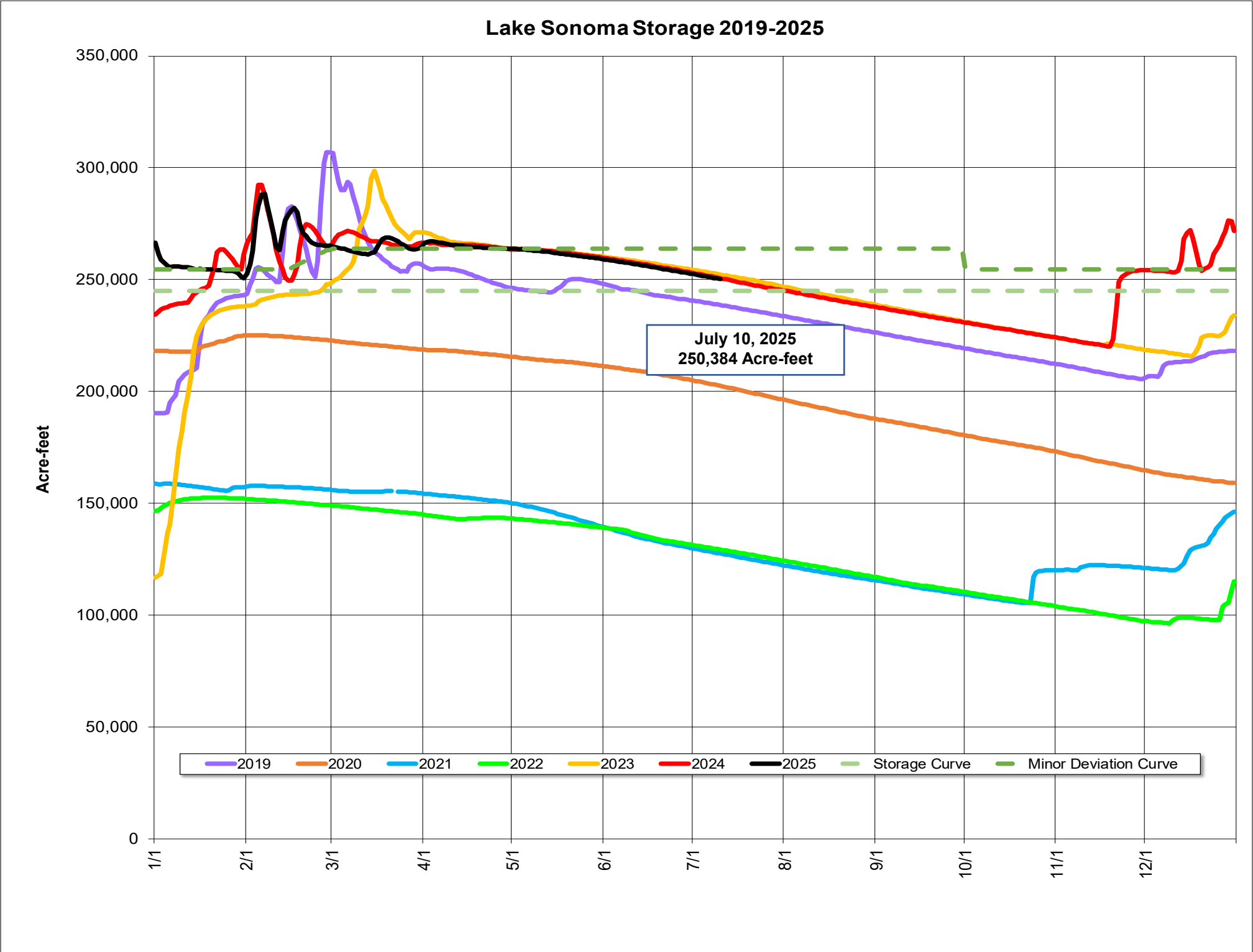


Storage (acre-feet)	July 10, 2025	93,644	
		Total	Average Daily Rate
Change in Storage (acre-feet)	Last 30 days	-5,503	-183
	Last 7 days	-849	-121
Daily Inflow (cfs)	Last 7 days	Min	93
		Max	131
		Mean	110
Release (cfs)	Last 7 days	Min	155
		Max	165
		Mean	164

Lake Sonoma



Todd Schram, February 10 , 2024



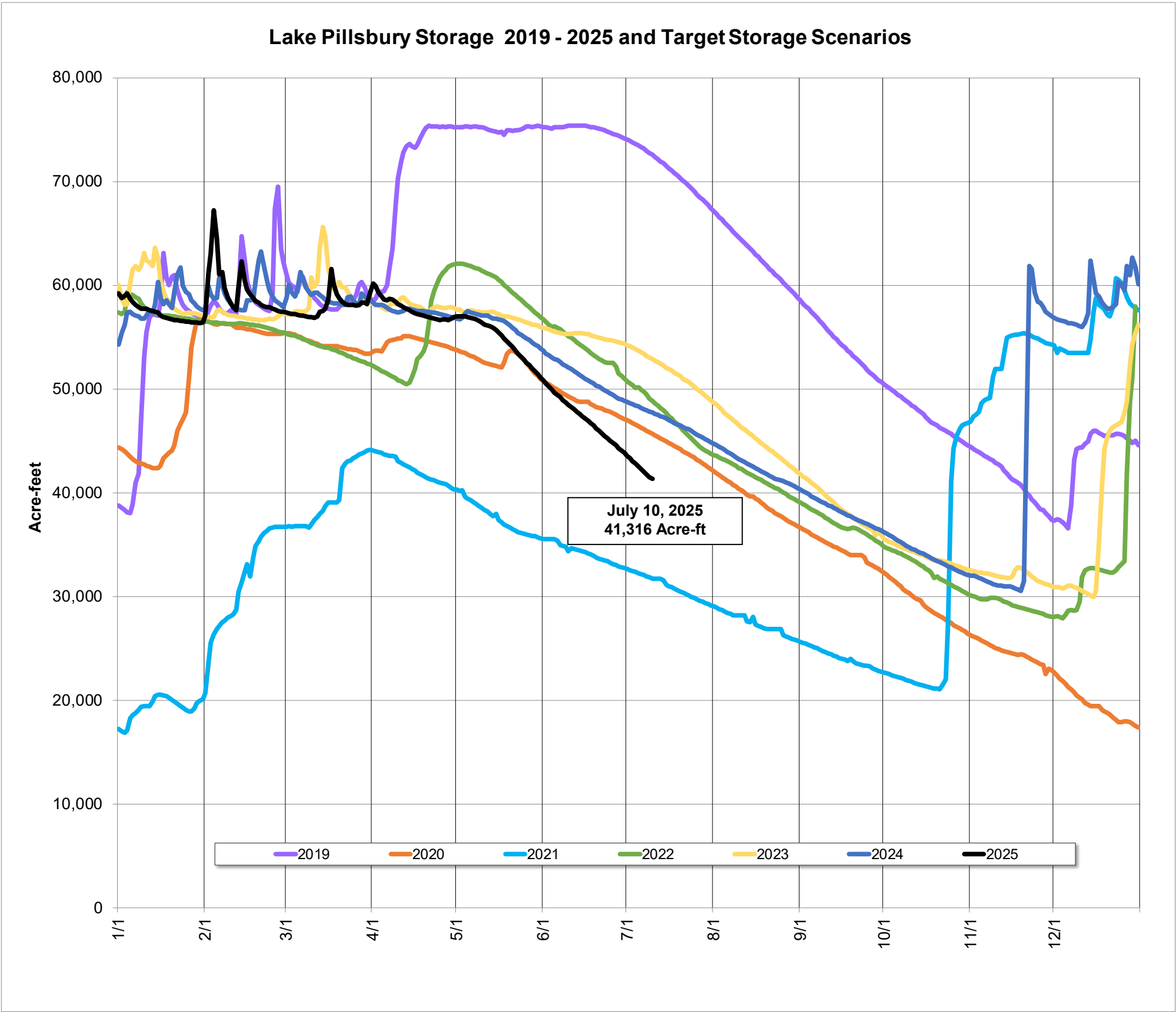
Storage (acre-feet)	July 10, 2025	250,384	
		Total	Average Daily Rate
Change in Storage (acre-feet)	Last 30 days	-6,863	-229
	Last 7 days	-1,368	-195
Daily Inflow (cfs)	Last 7 days	Min	0
		Max	30
		Mean	10
Release (cfs)	Last 7 days	Min	101
		Max	106
		Mean	102

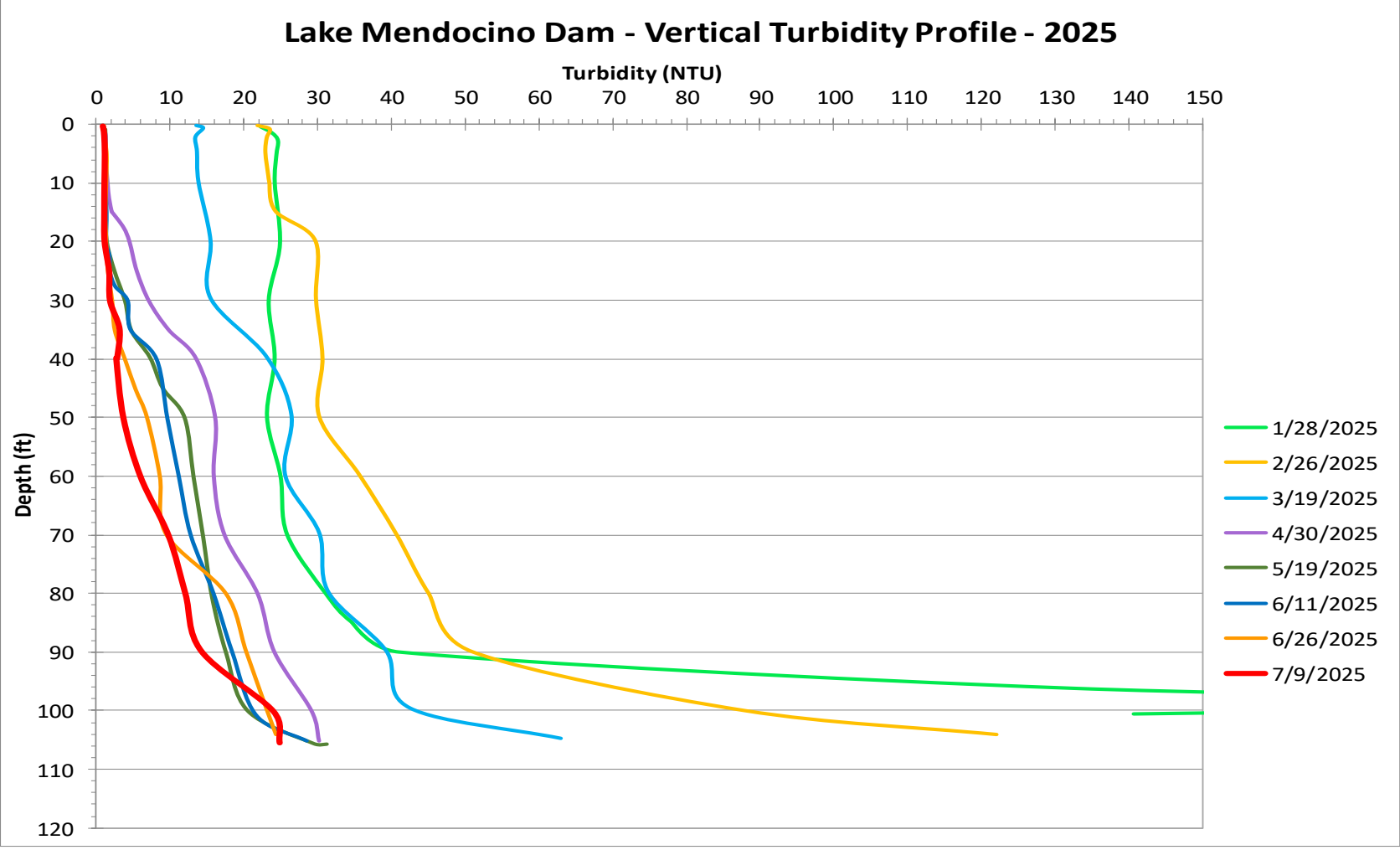
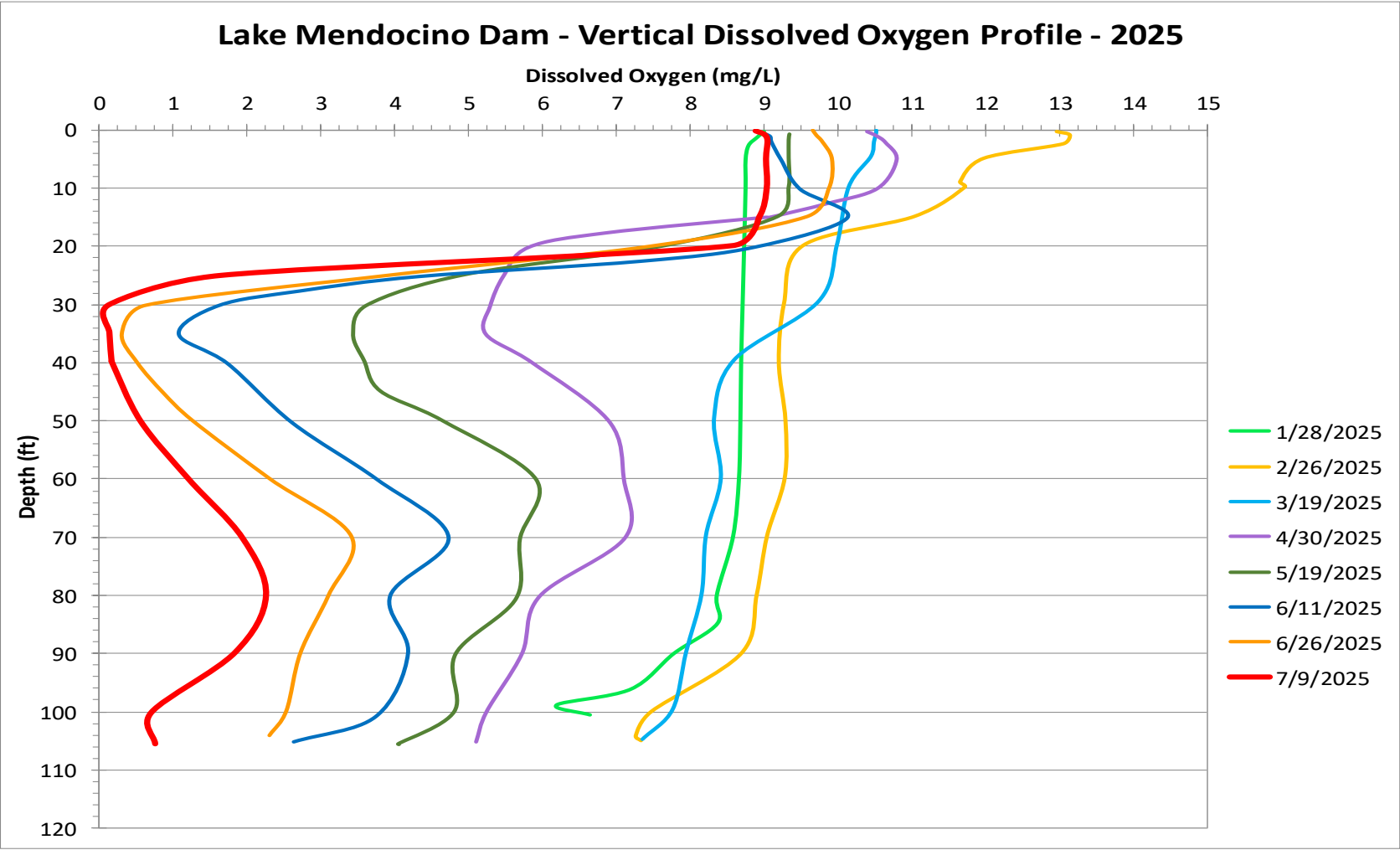
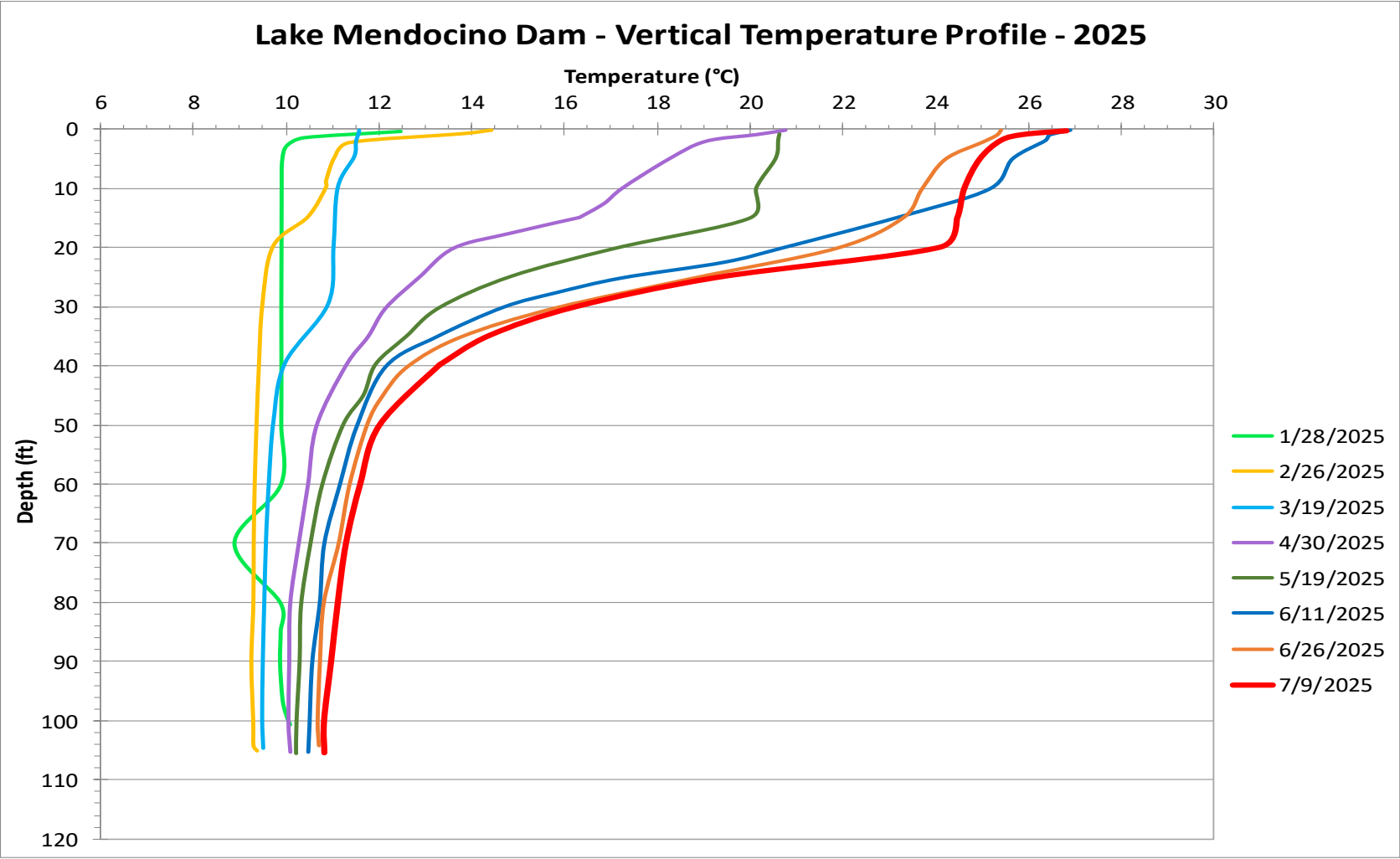
Potter Valley Project

PVP Diversion (cfs)	July 10, 2025	118
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Parameter	Date Range	Cumulative	Daily Average
Inflow* (acre-feet)	October 1, 2024 - July 10, 2025	610,123	2,156
	Last 7 days	674	96

*Inflow calculation based on criteria established in D1610

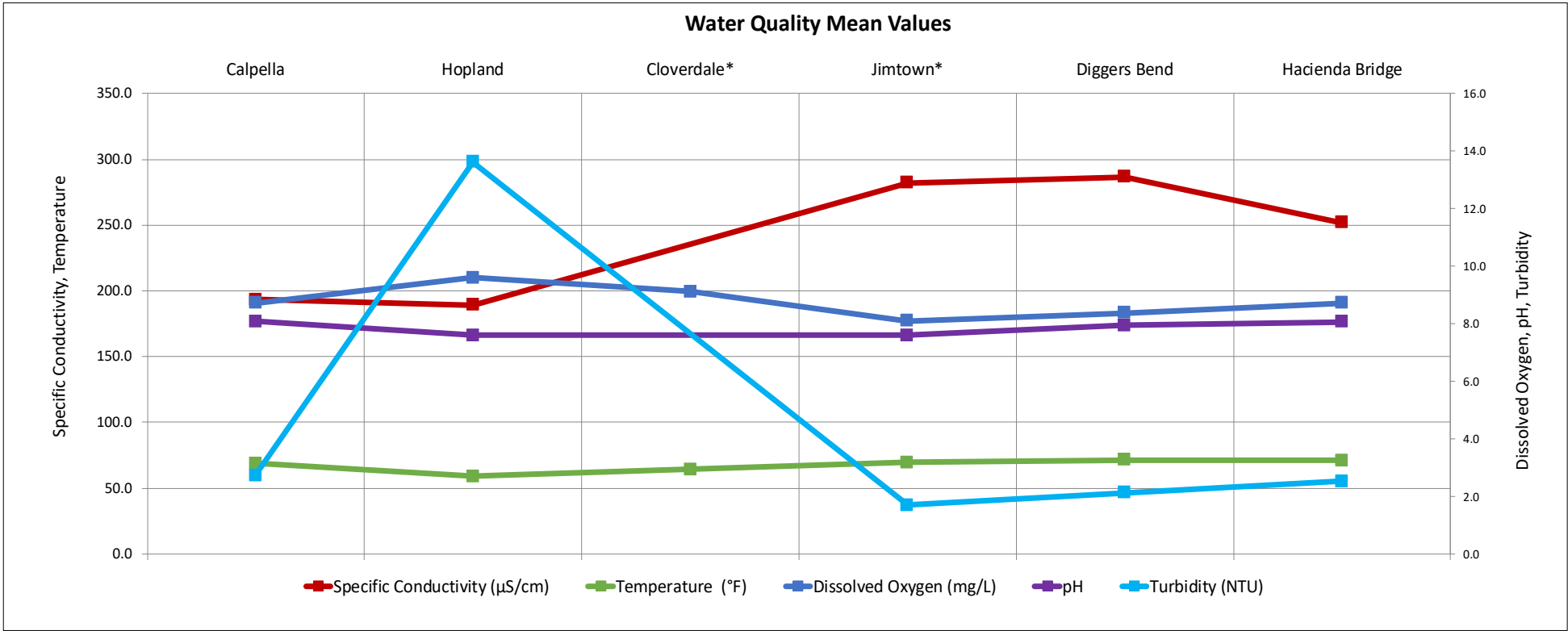




Russian River Flows (July 4, 2025 - July 10, 2025)

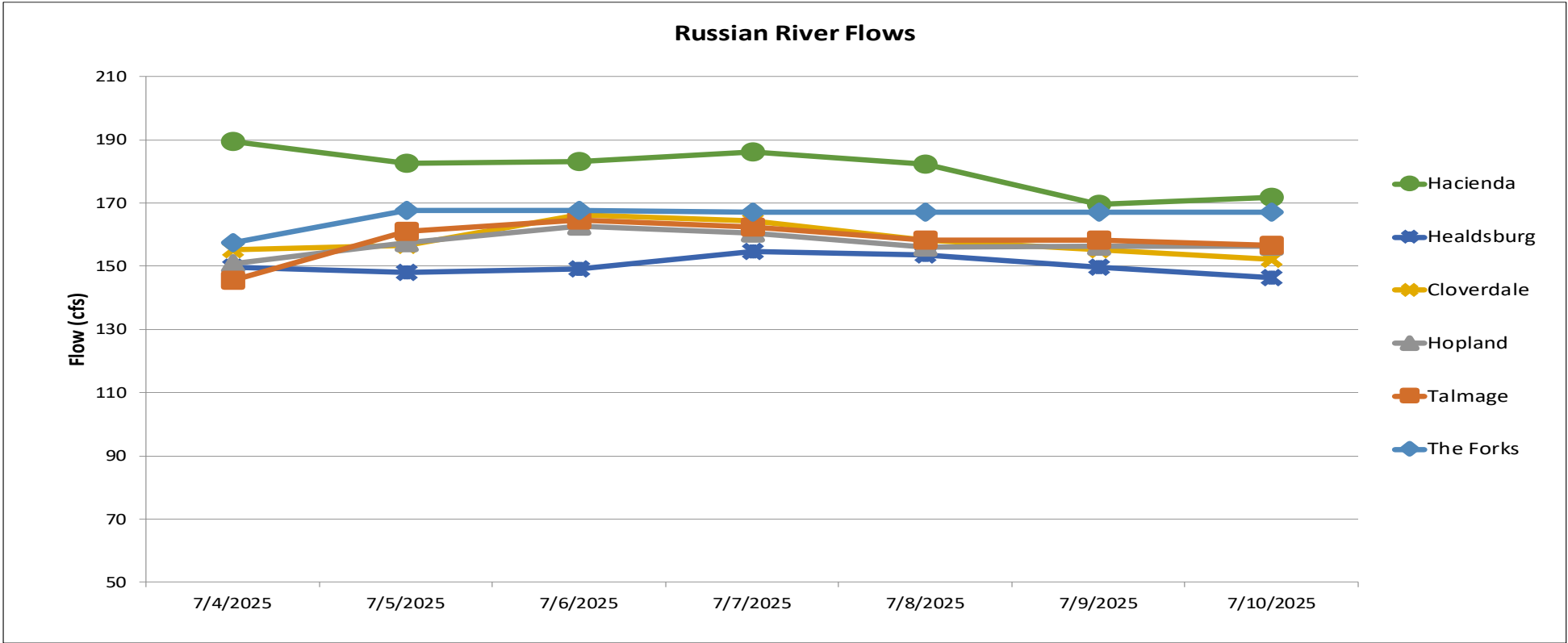
Parameter		Calpella	Hopland	Cloverdale*	Jimtown*	Diggers Bend	River Diversion System at Mirabel*	Hacienda Bridge	Johnsons Beach*
		USGS 11461500	USGS 11462500	USGS 11463000	USGS 11463682	USGS 11463980	SCWA	USGS 11467000	SCWA
Temperature (°F)	Min	64.6	57.0	61.5	66.2	68.0		67.6	
	Max	72.1	61.5	68.4	73.0	75.0		74.8	
	Mean	68.8	59.1	64.3	69.5	71.5		71.0	
Specific Conductivity (µS/cm)	Min	190.0	186.0		276.0	282.0		246.0	
	Max	198.0	194.0		288.0	291.0		258.0	
	Mean	193.6	189.2		282.3	286.7		251.9	
Dissolved Oxygen (mg/L)	Min	8.2	8.8	7.4	6.9	7.3		7.6	
	Max	9.5	10.5	10.7	9.8	9.6		9.9	
	Mean	8.7	9.6	9.1	8.1	8.4		8.7	
Dissolved Oxygen (% Saturation)	Min	91.8	87.3	76.3	75.0	81.4		84.7	
	Max	107.3	106.4	116.7	113.4	113.4		115.9	
	Mean	96.7	95.3	96.3	90.8	95.8		99.4	
pH	Min	7.9	7.4		7.5	7.8		7.8	
	Max	8.3	7.8		7.8	8.2		8.3	
	Mean	8.1	7.6		7.6	8.0		8.1	
Turbidity (NTU)	Min	1.7	11.8		1.1	1.5		1.4	
	Max	5.4	15.7		3.5	3.1		3.8	
	Mean	2.7	13.6		1.7	2.1		2.5	

*Station operated seasonally



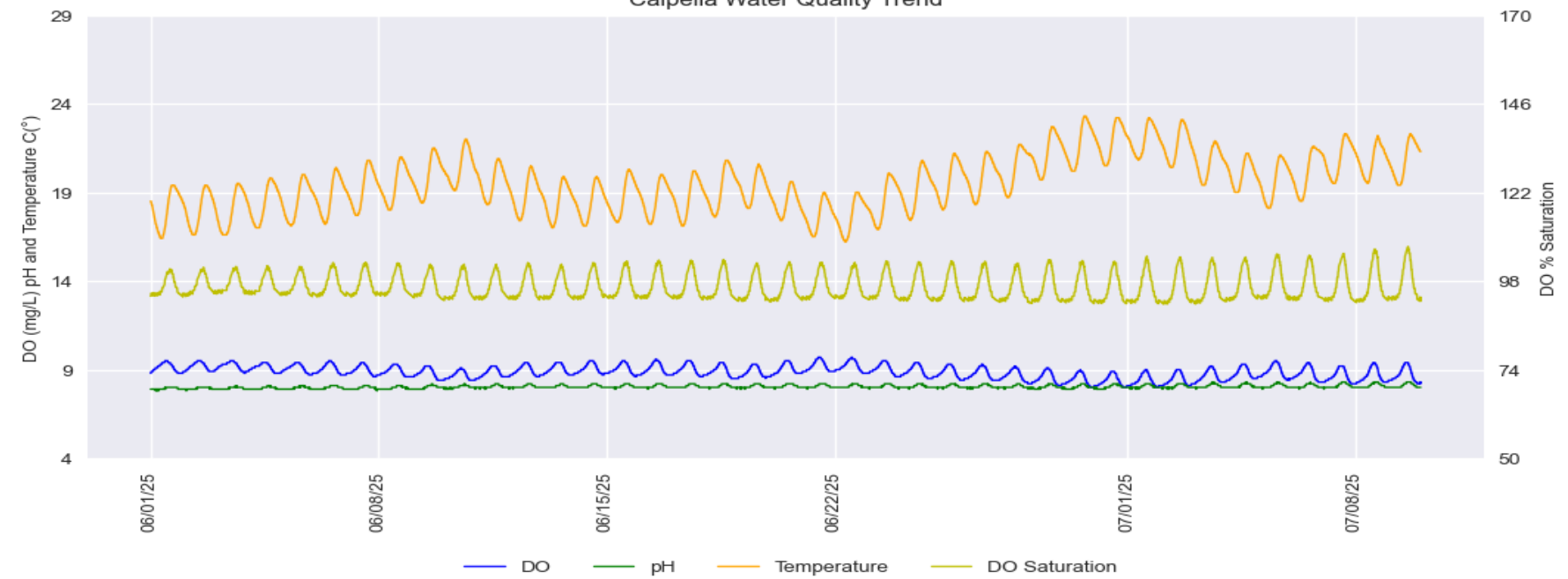
Gage	24-hr Average Flow (cfs)						
	Jul 4, 2025	Jul 5, 2025	Jul 6, 2025	Jul 7, 2025	Jul 8, 2025	Jul 9, 2025	Jul 10, 2025
The Forks*	157	168	168	167	167	167	167
Talmage USGS 11462080	146	161	165	162	158	158	157
Hopland USGS 11462500	151	158	163	160	156	156	156
Cloverdale USGS 11463000	155	157	166	164	158	155	152
Healdsburg USGS 11464000	150	148	149	155	154	150	146
Hacienda USGS 11467000	190	182	183	186	182	170	172

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

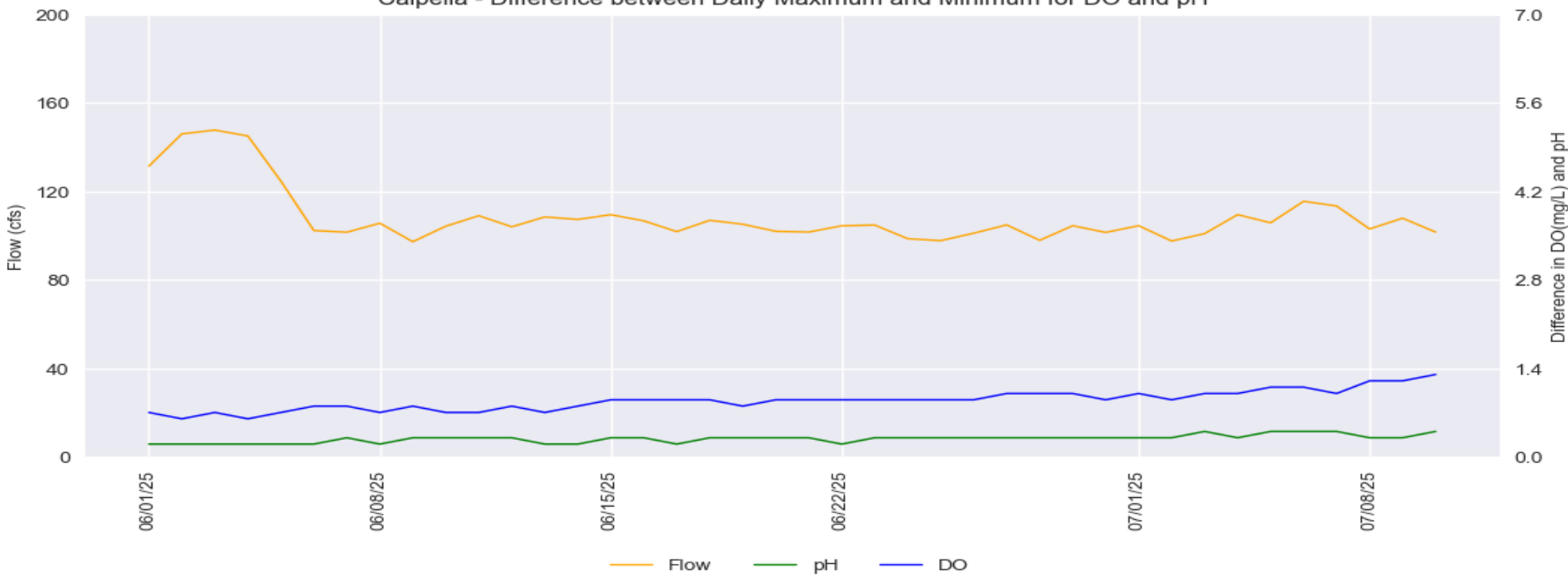


Russian River Water Quality June 1, 2025 – July 10, 2025
Provisional Data Subject to Revision
Calpella

Calpella Water Quality Trend

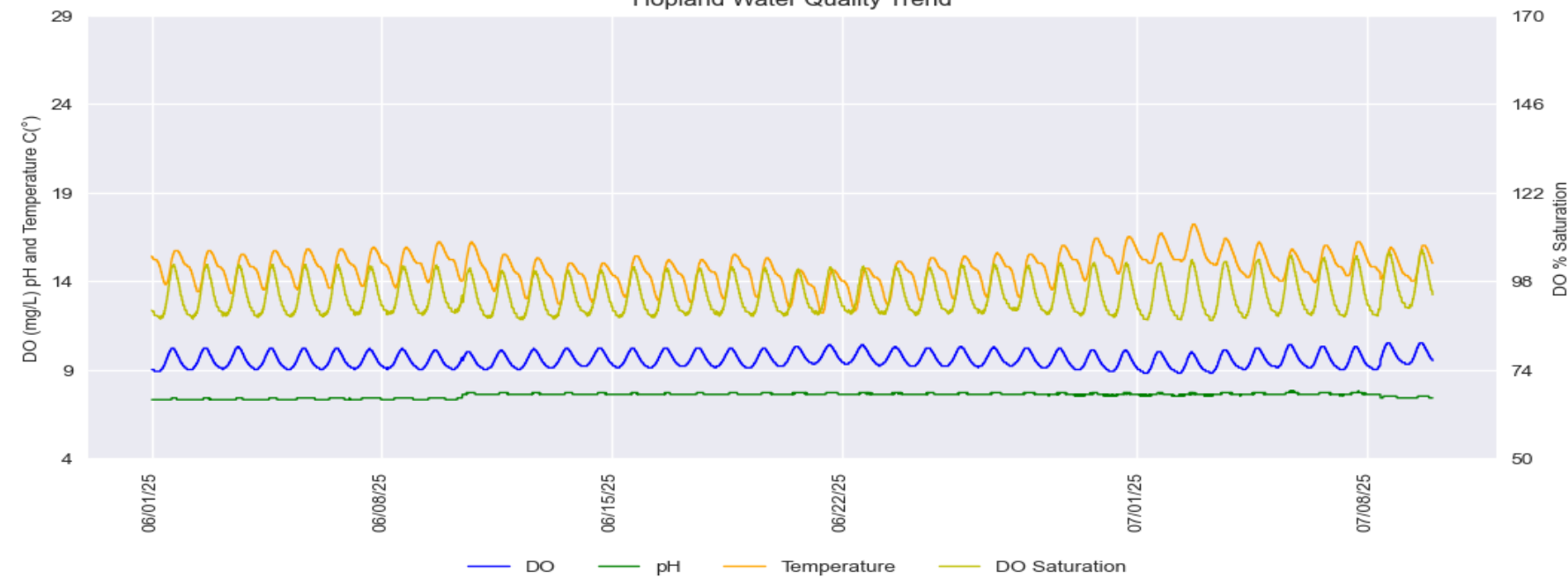


Calpella - Difference between Daily Maximum and Minimum for DO and pH

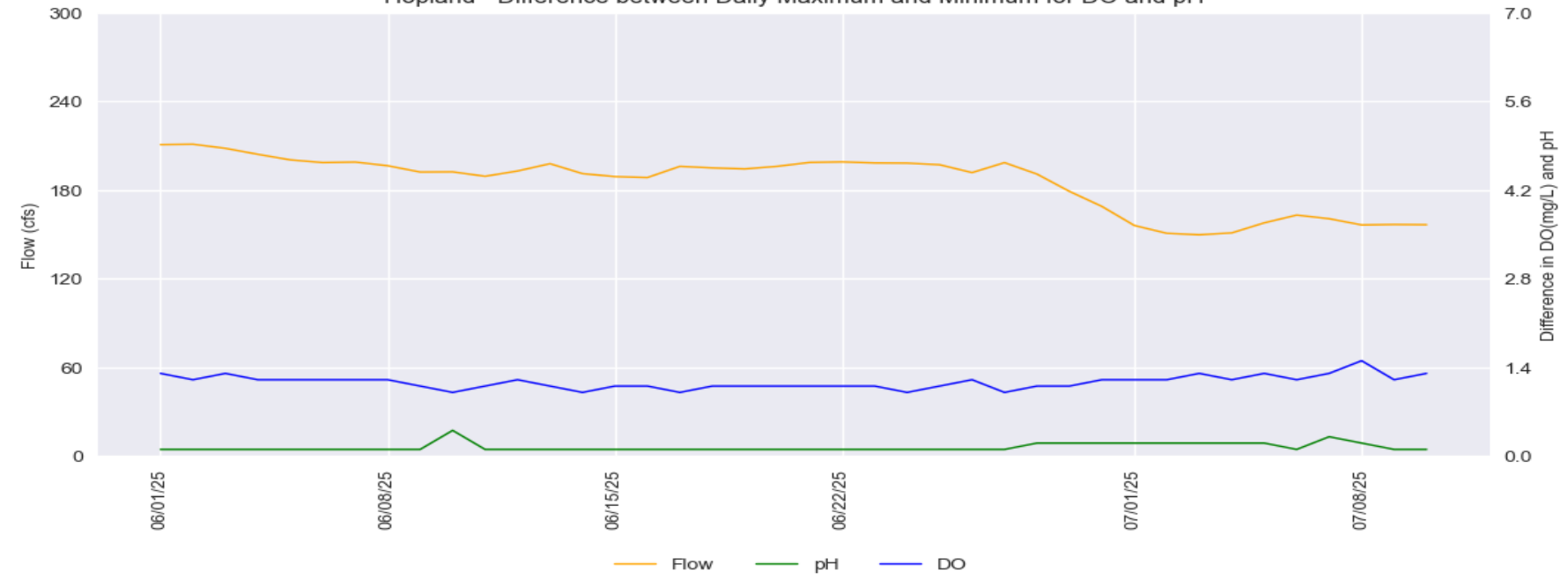


Hopland

Hopland Water Quality Trend

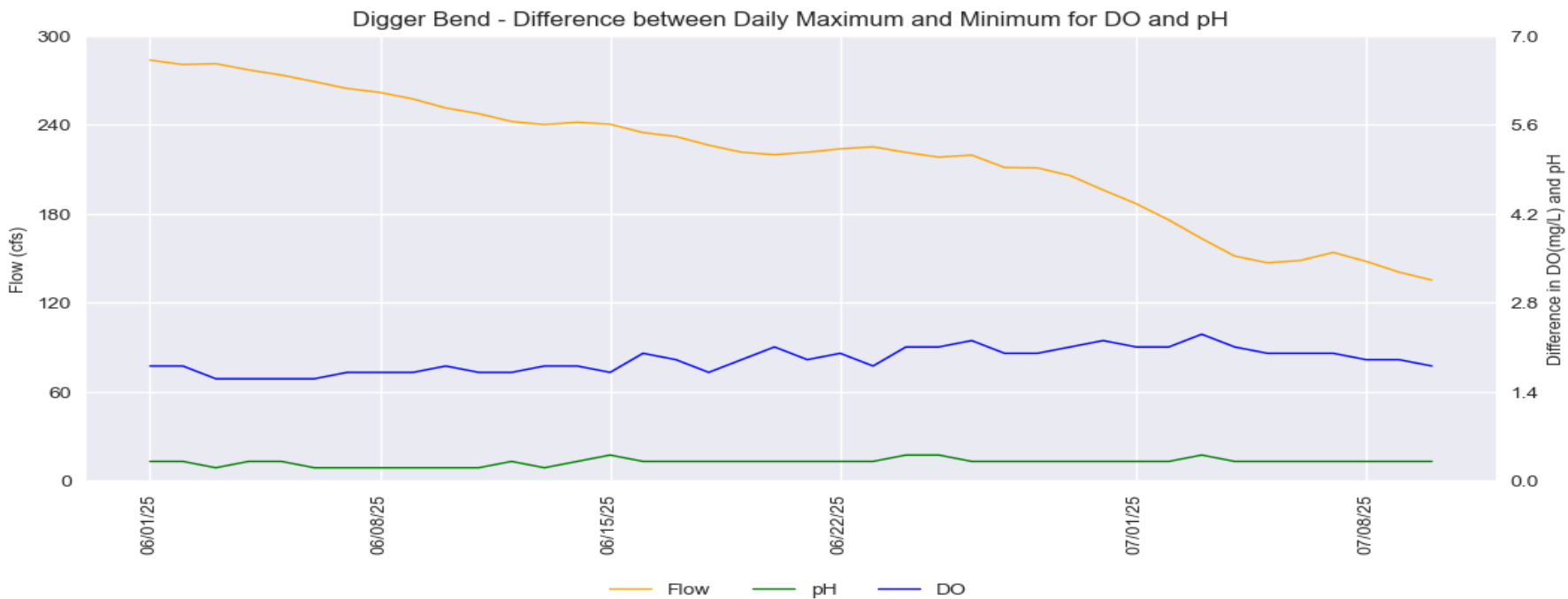
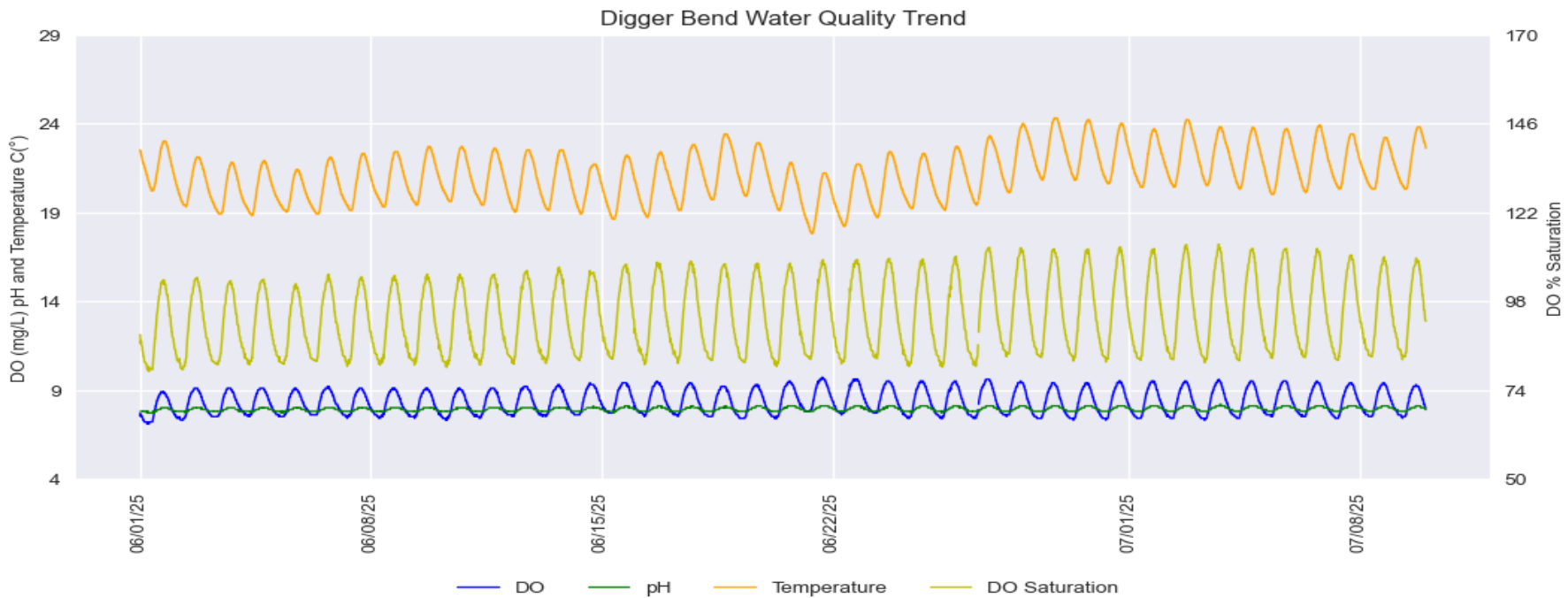


Hopland - Difference between Daily Maximum and Minimum for DO and pH

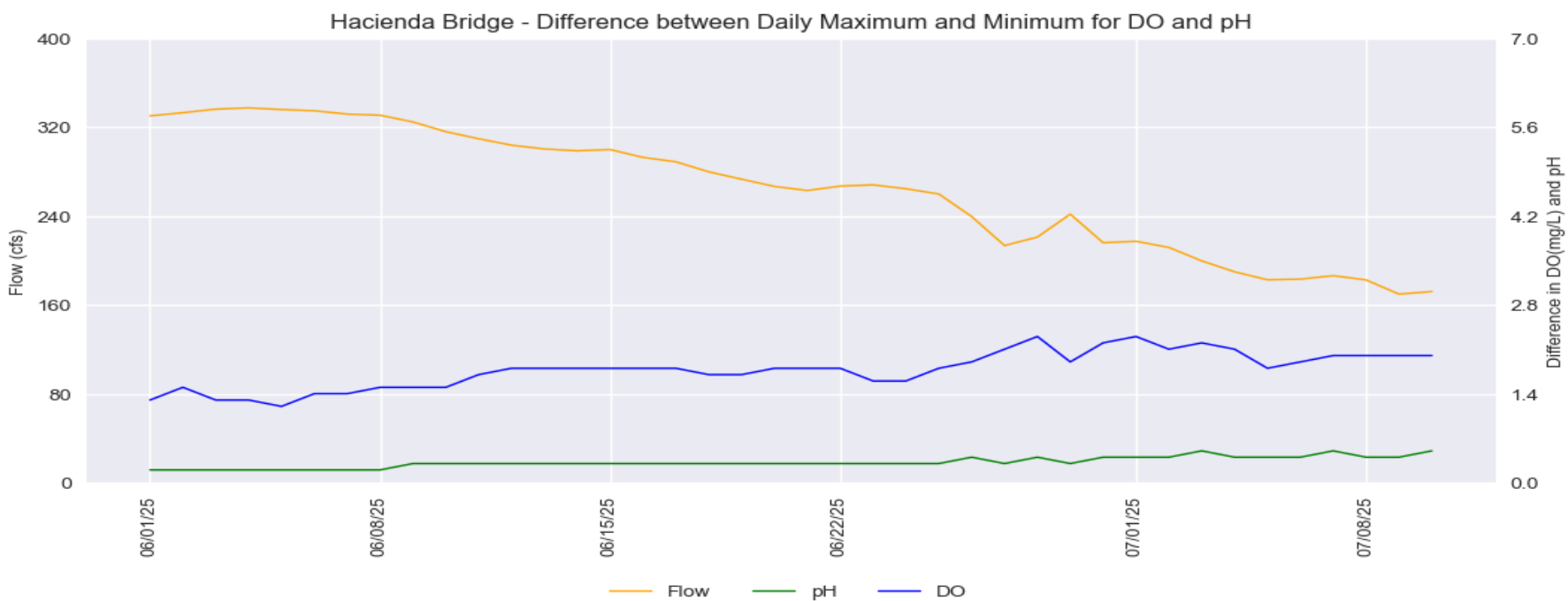
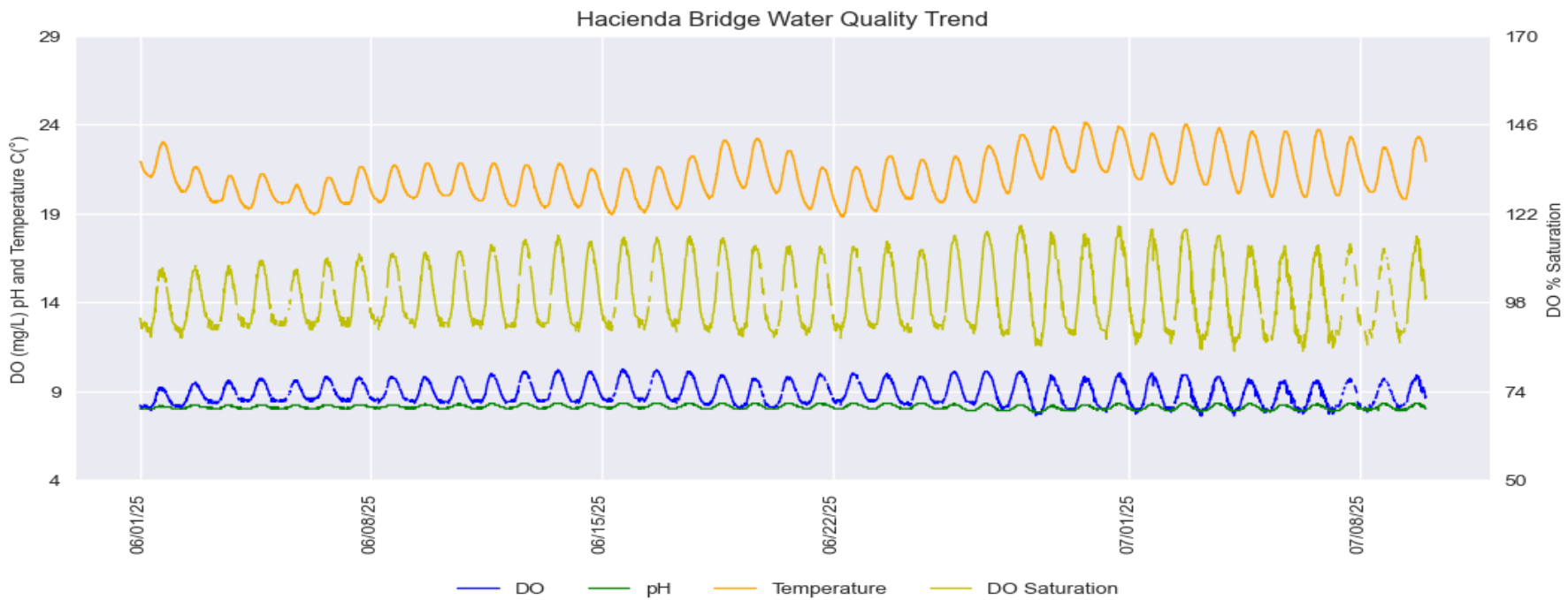


Russian River Water Quality June 1, 2025 – July 10, 2025
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Digger Bend

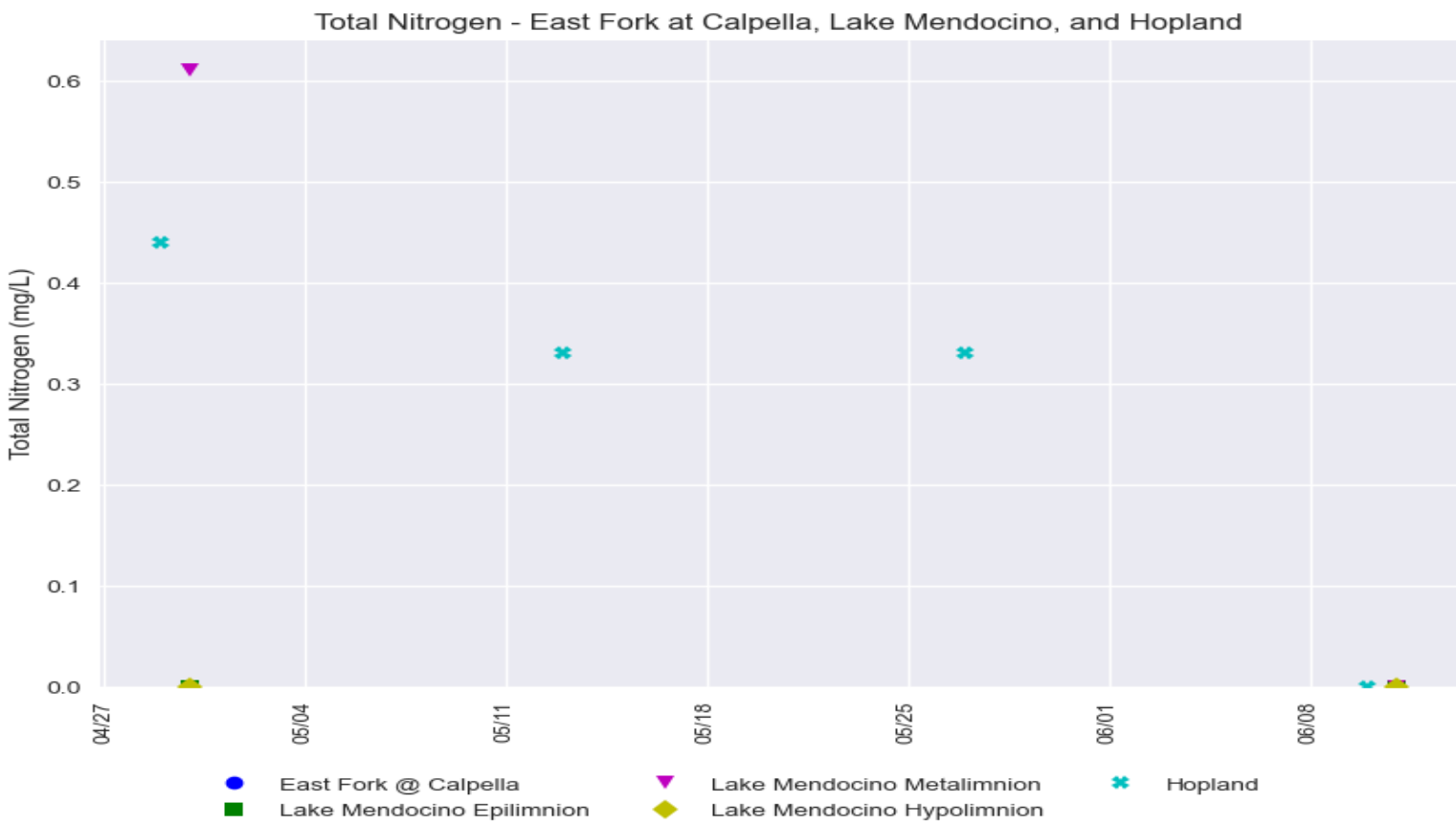
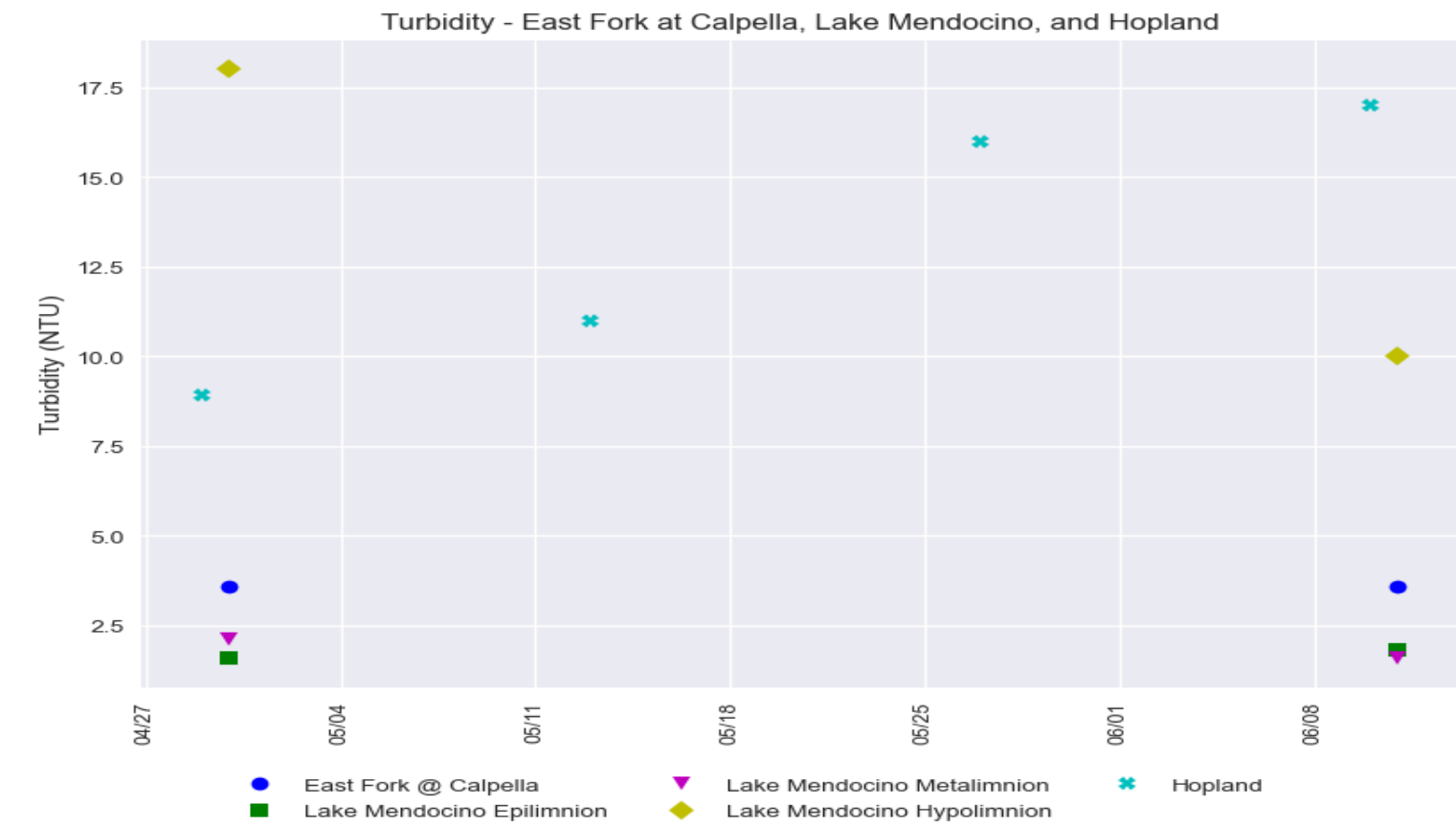
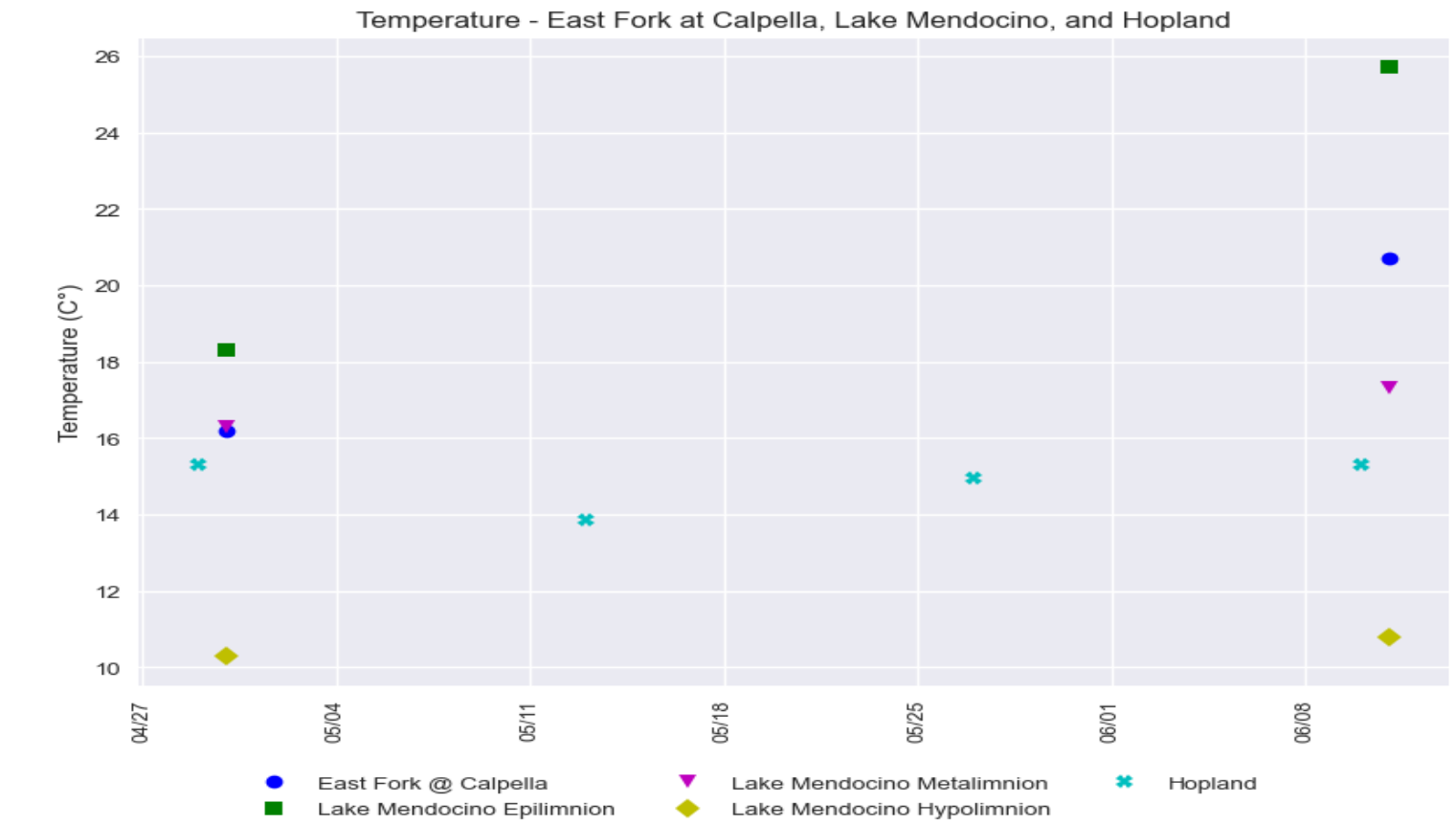


Hacienda Bridge



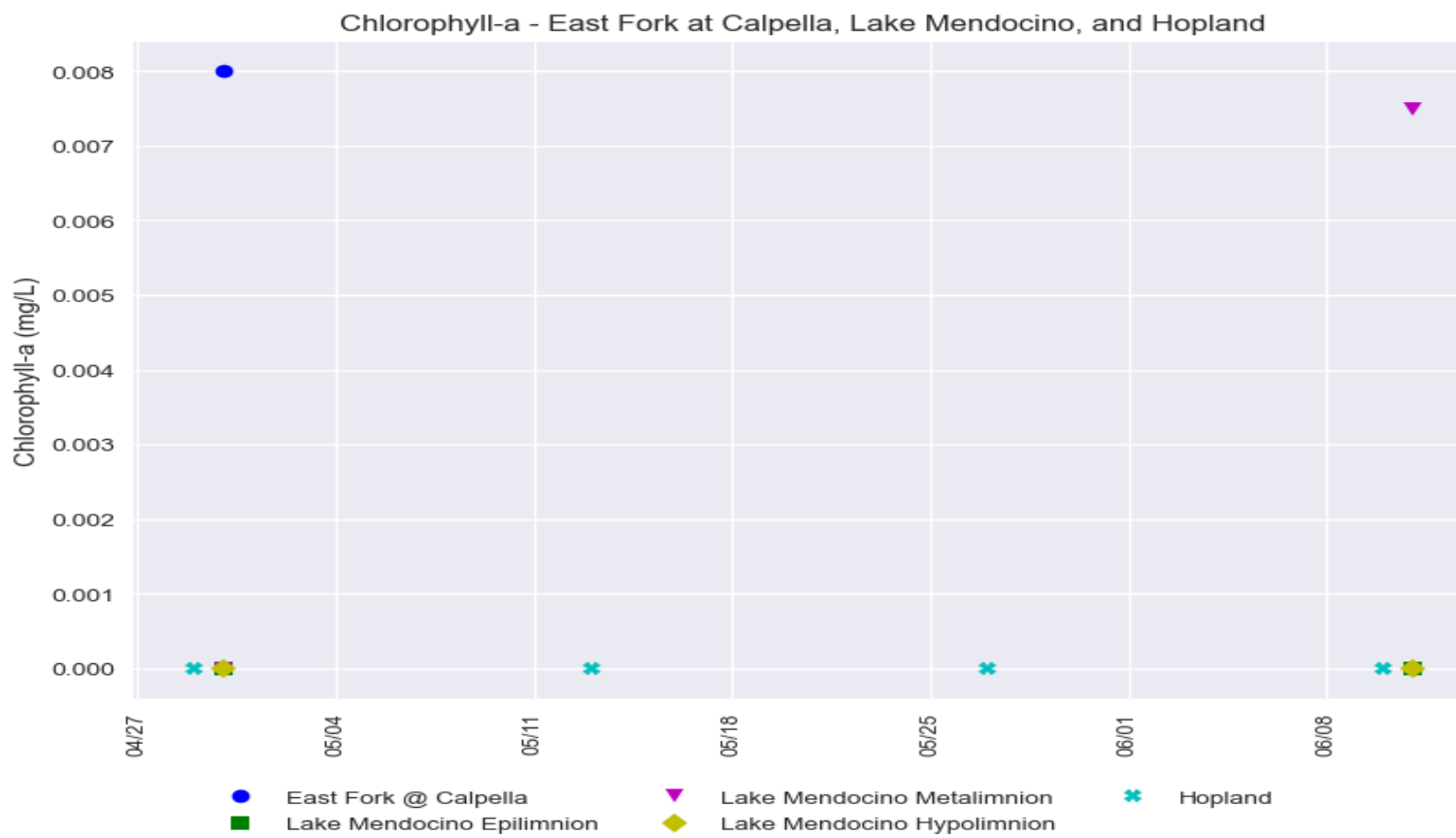
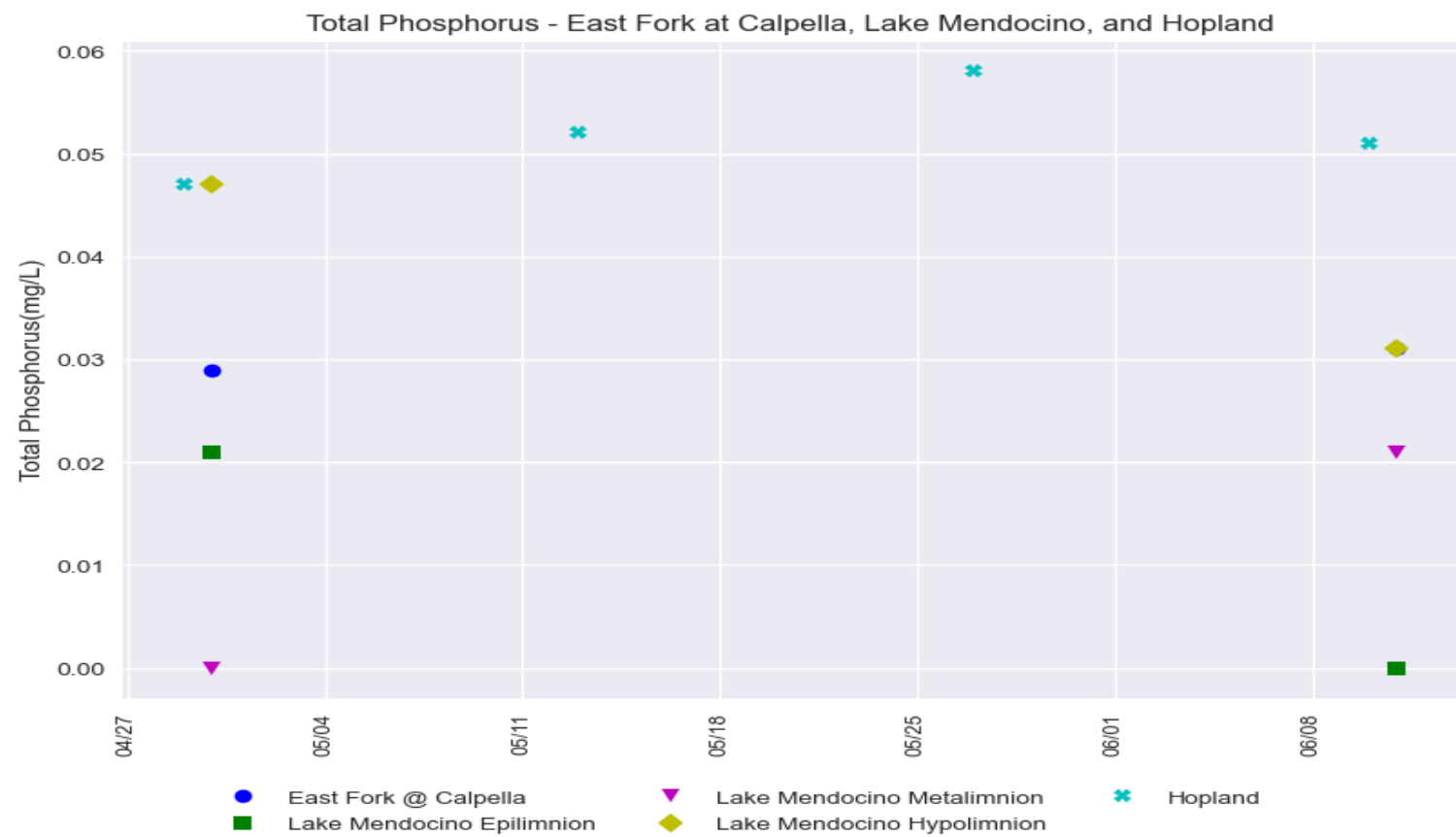
Russian River Water Quality Grab Samples

Provisional Data Subject to Revision



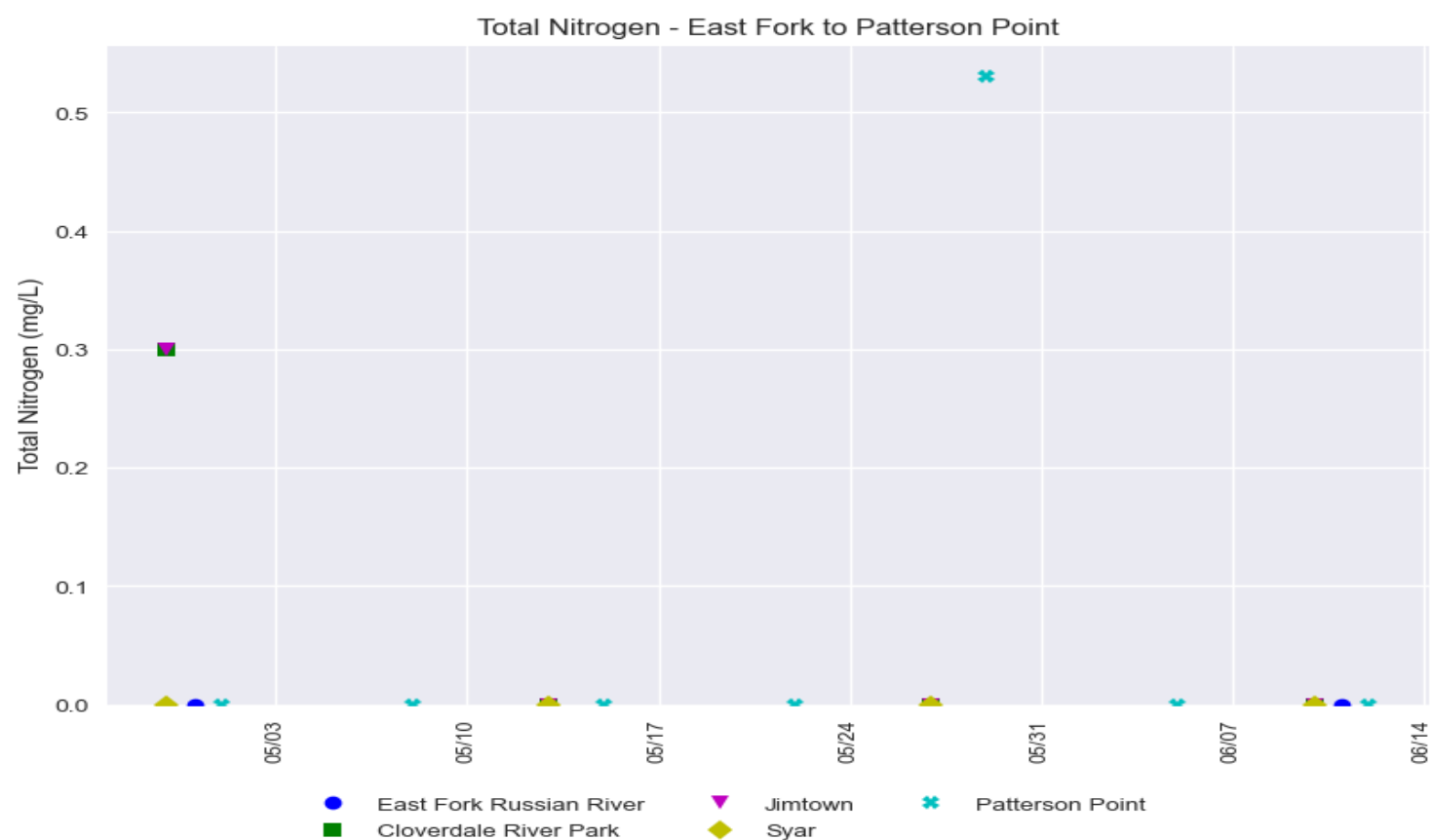
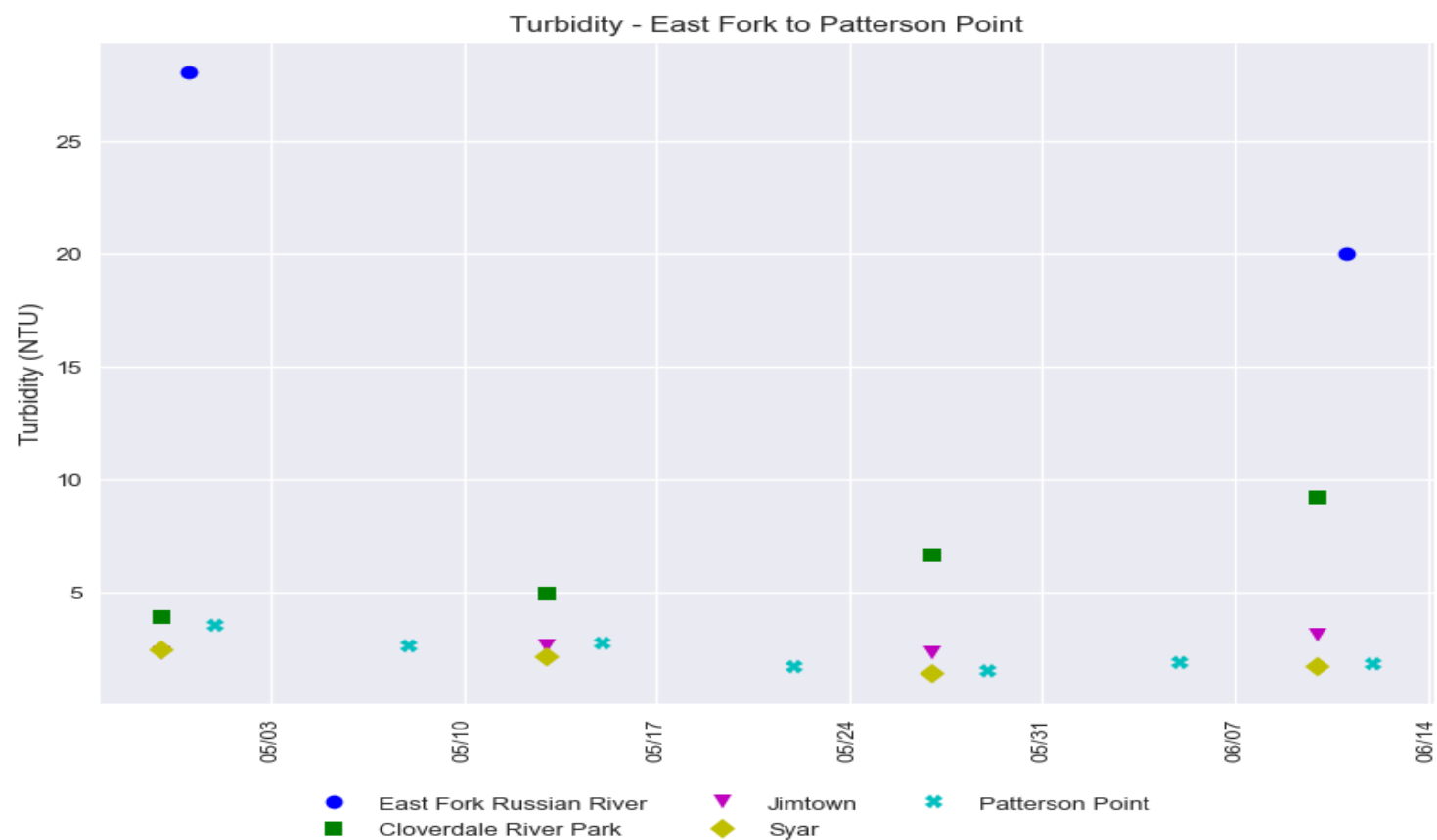
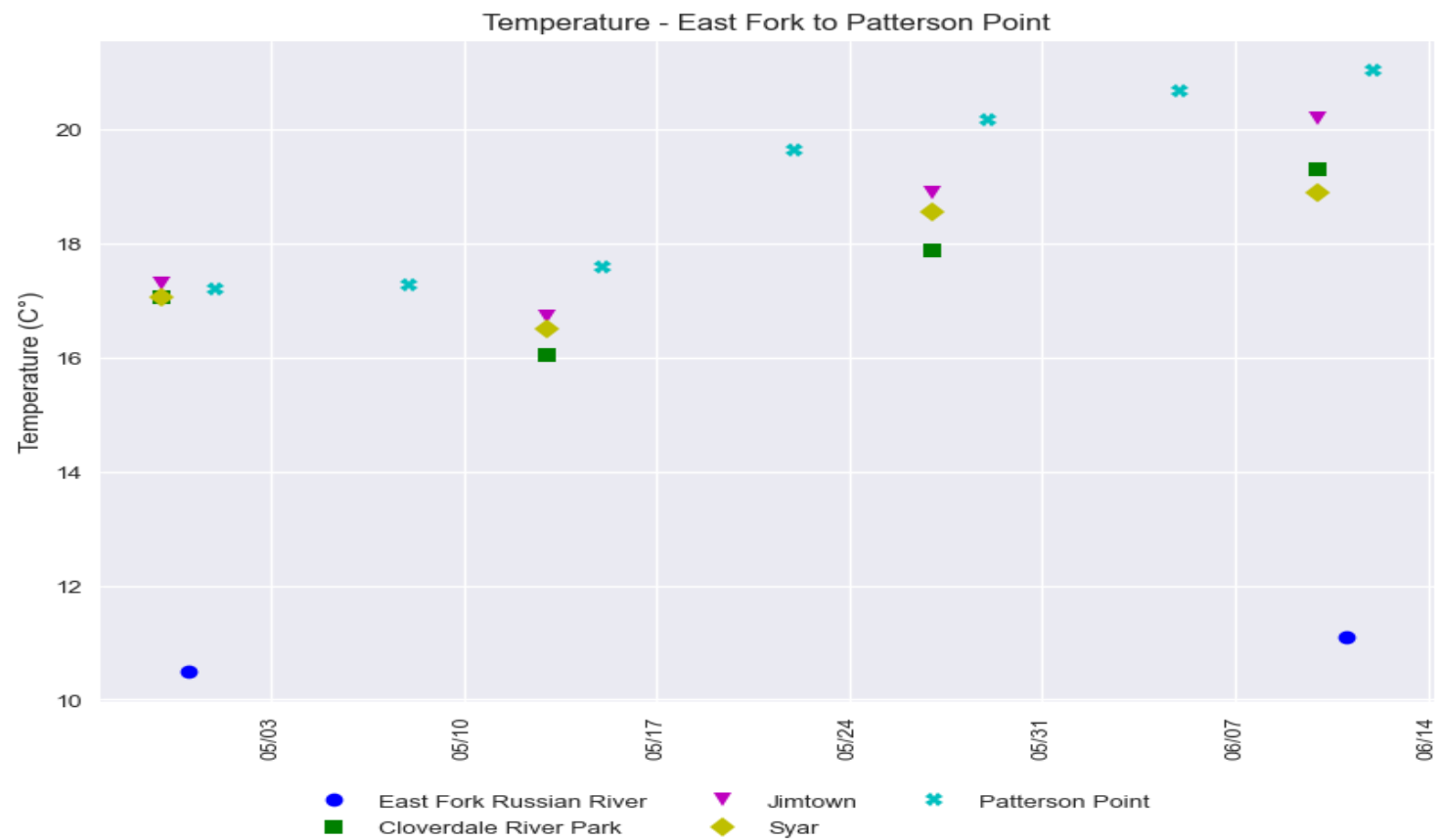
Russian River Water Quality Grab Samples

Provisional Data Subject to Revision



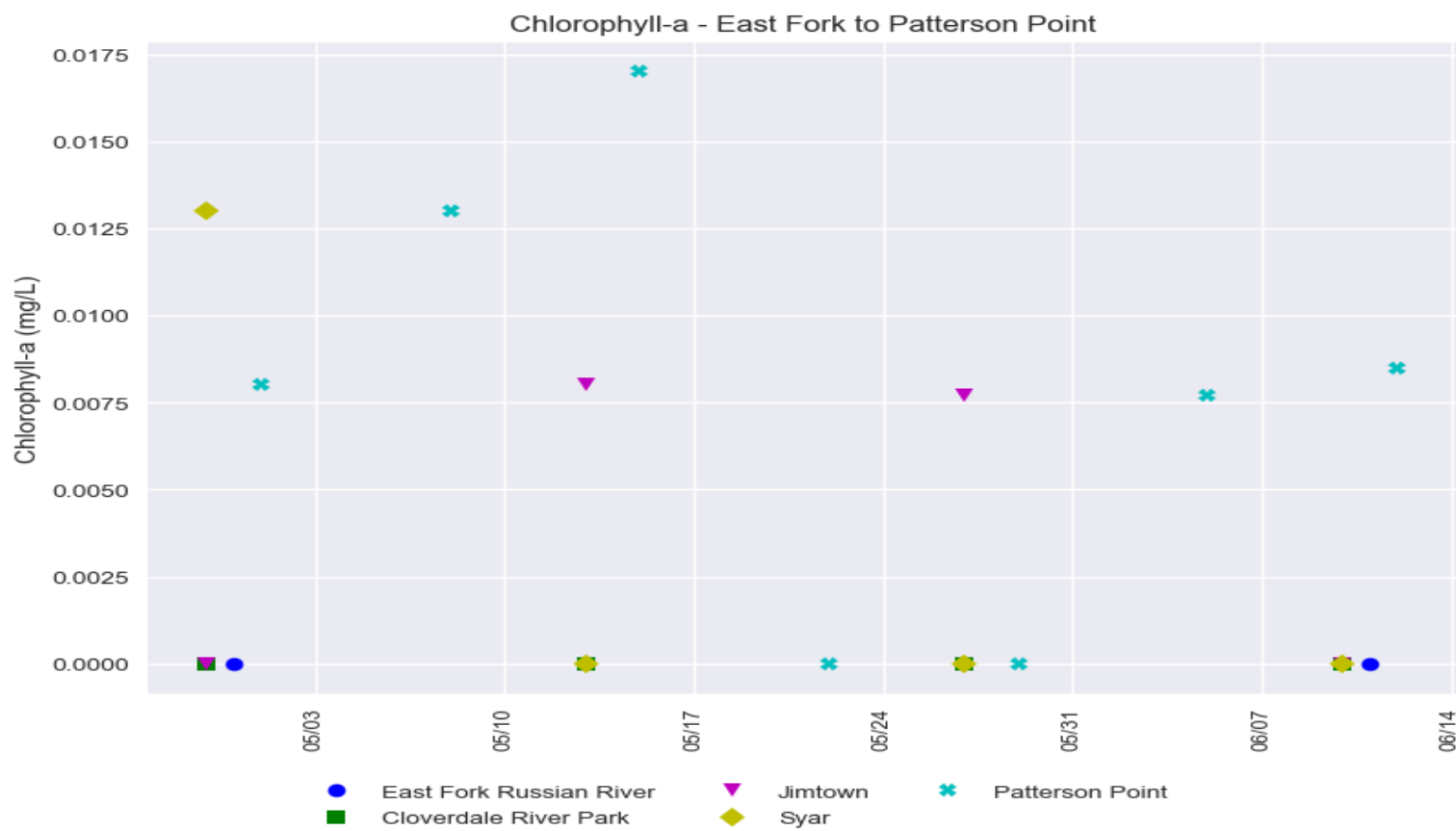
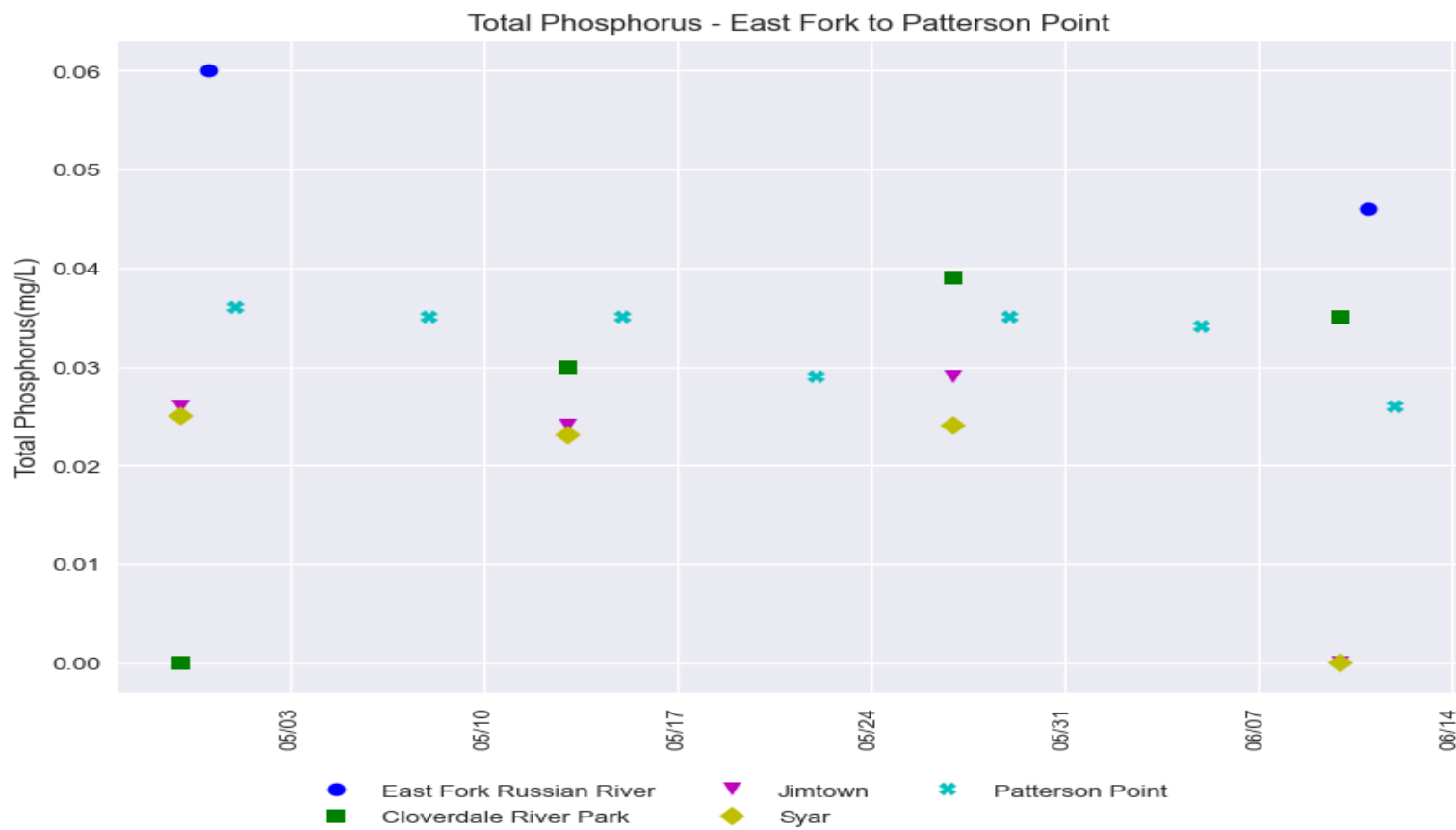
Russian River Water Quality Grab Samples

Provisional Data Subject to Revision



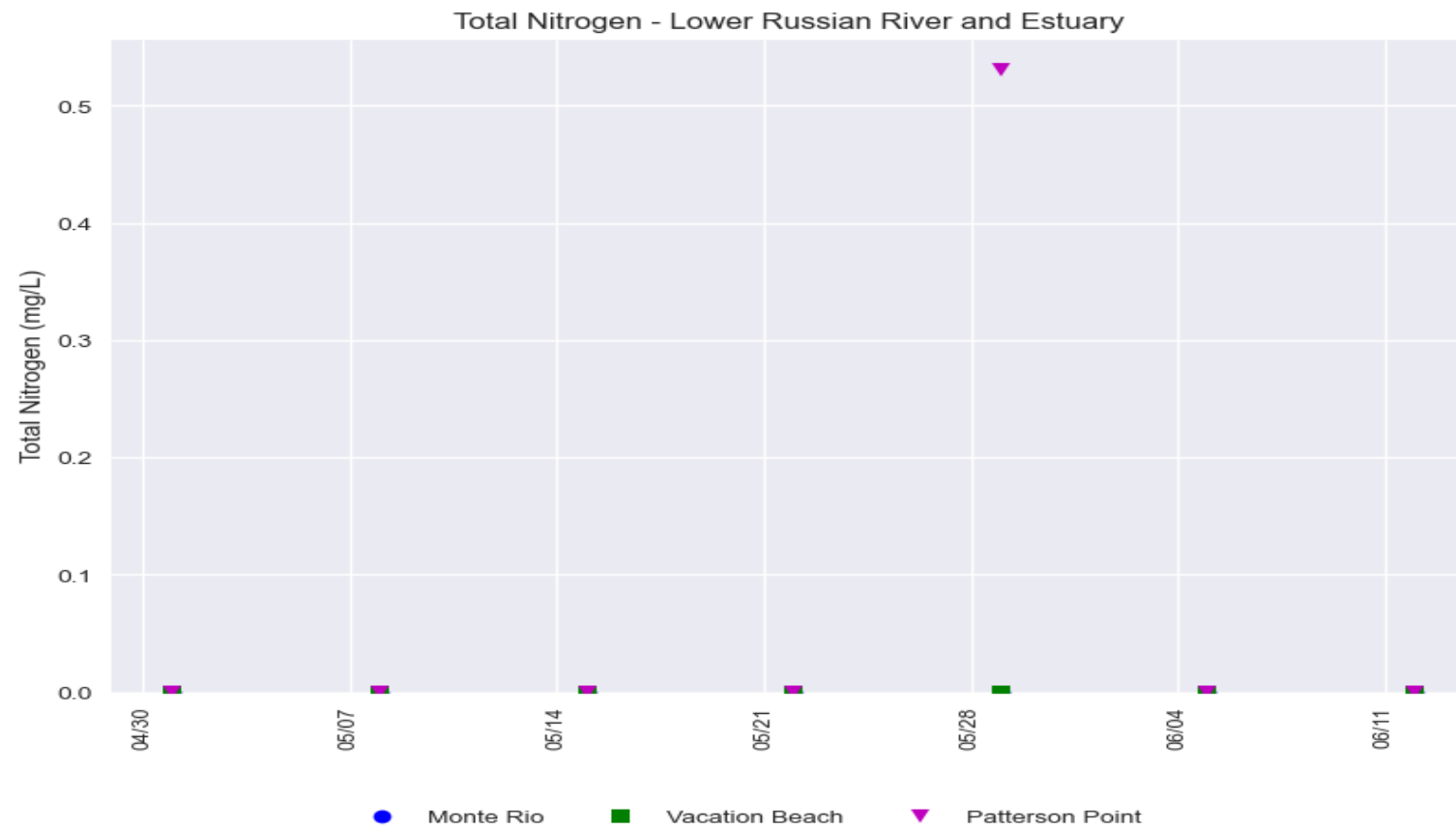
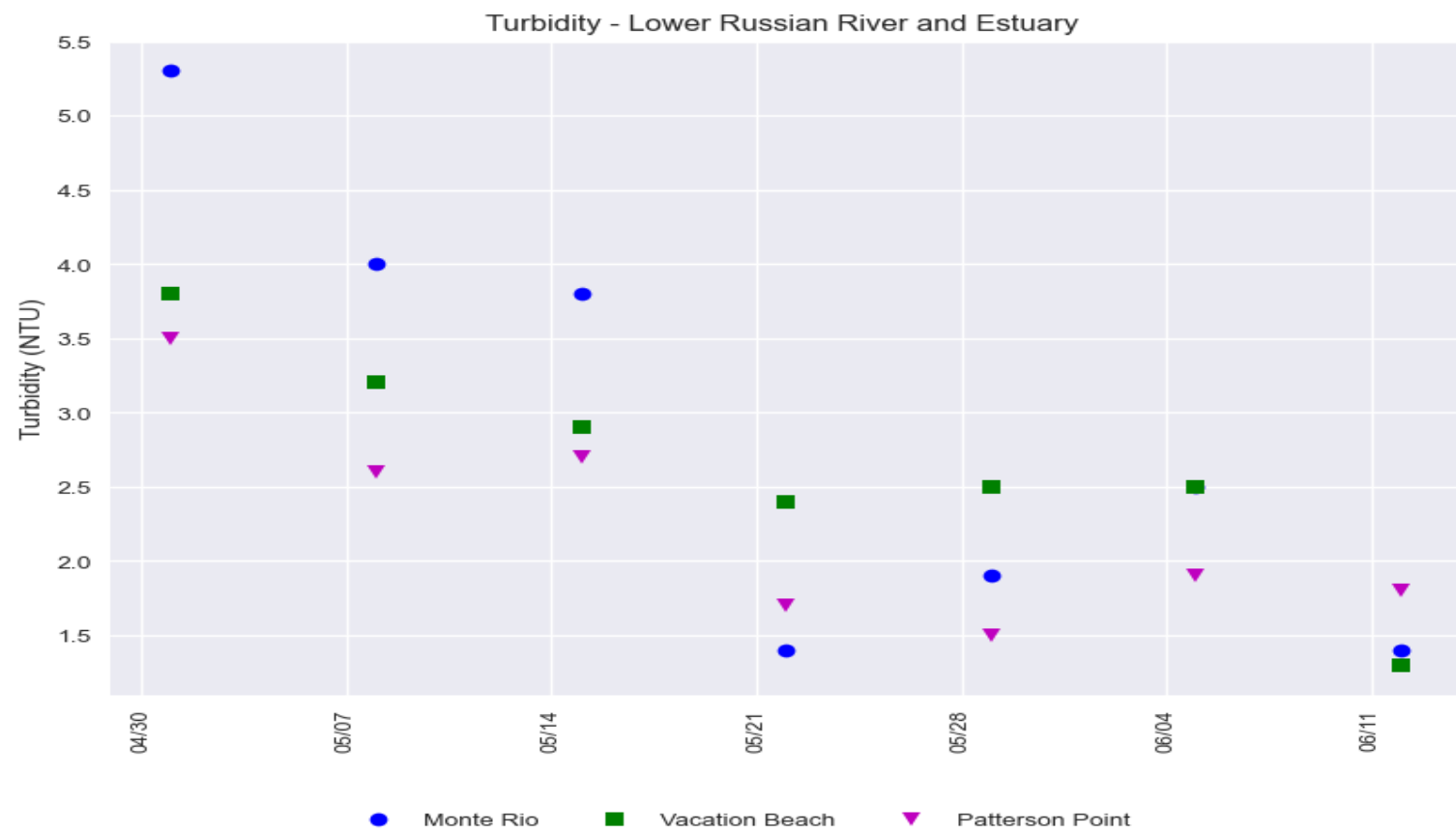
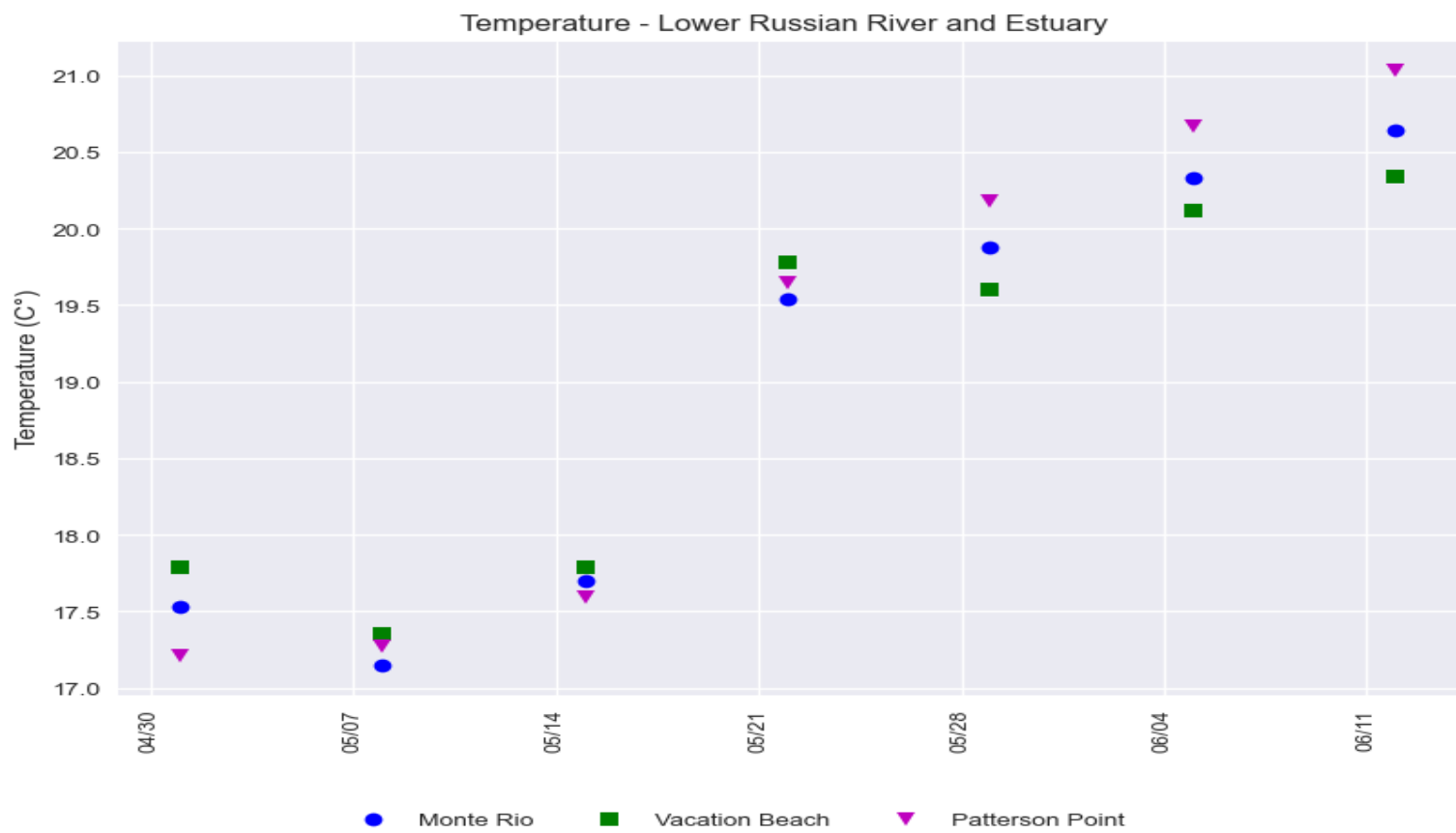
Russian River Water Quality Grab Samples

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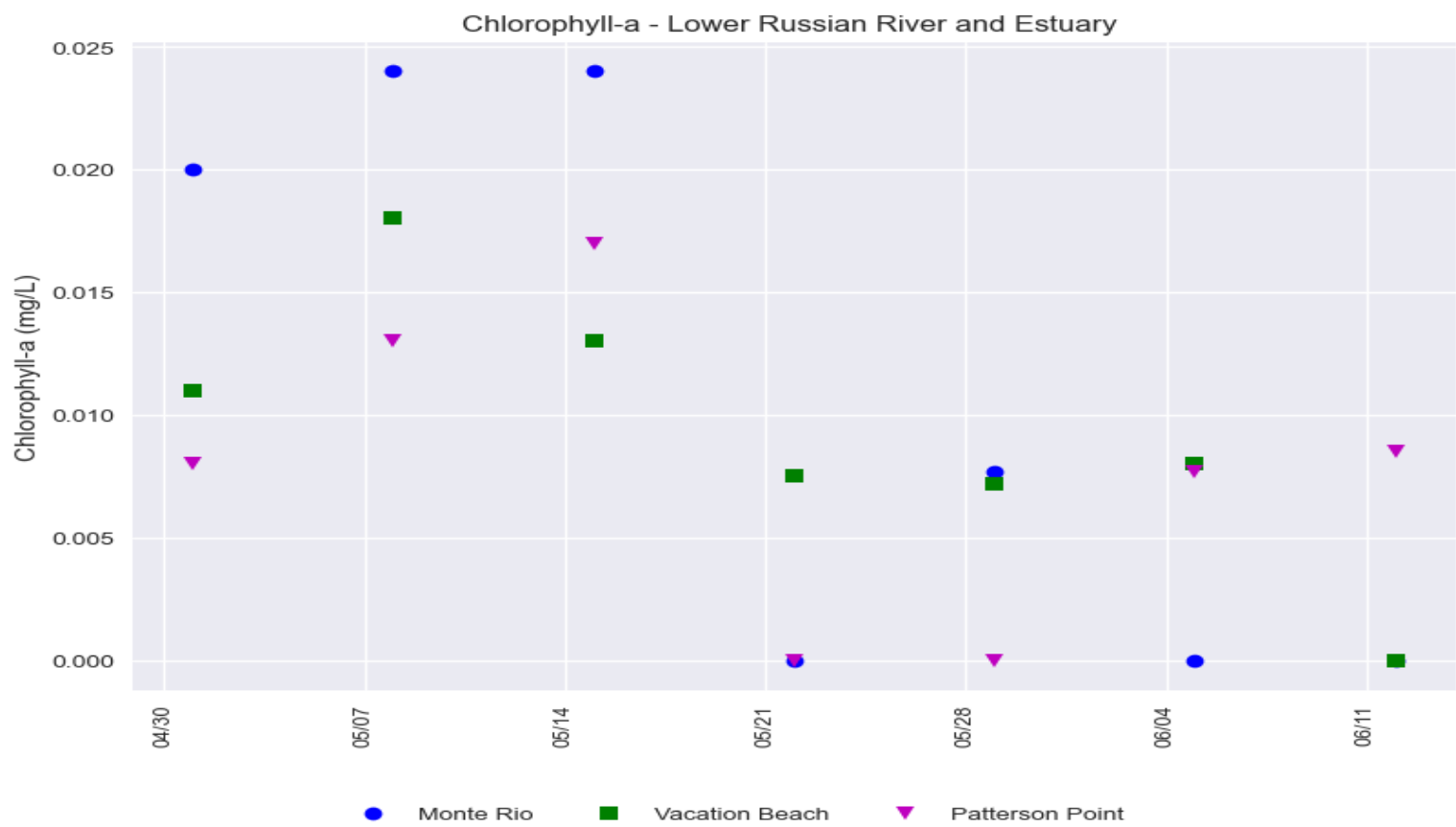
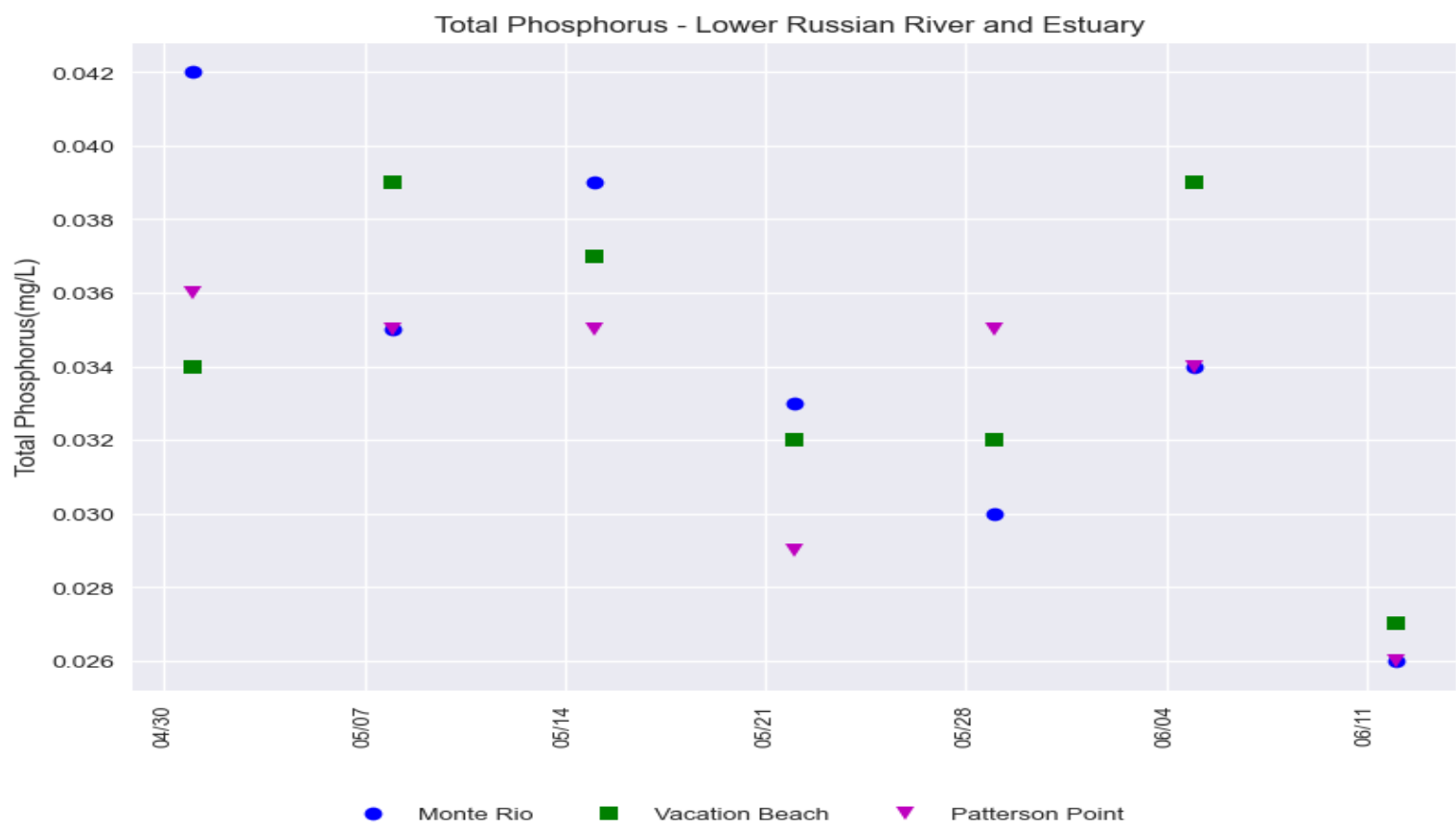
Russian River Water Quality Grab Samples

Provisional Data Subject to Revision



Russian River Water Quality Grab Samples

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Russian River Water Quality Grab Samples (May 15 - June 19, 2025)
Provisional Data Subject to Revision

Russian River Estuary Standard Bacterial Indicators

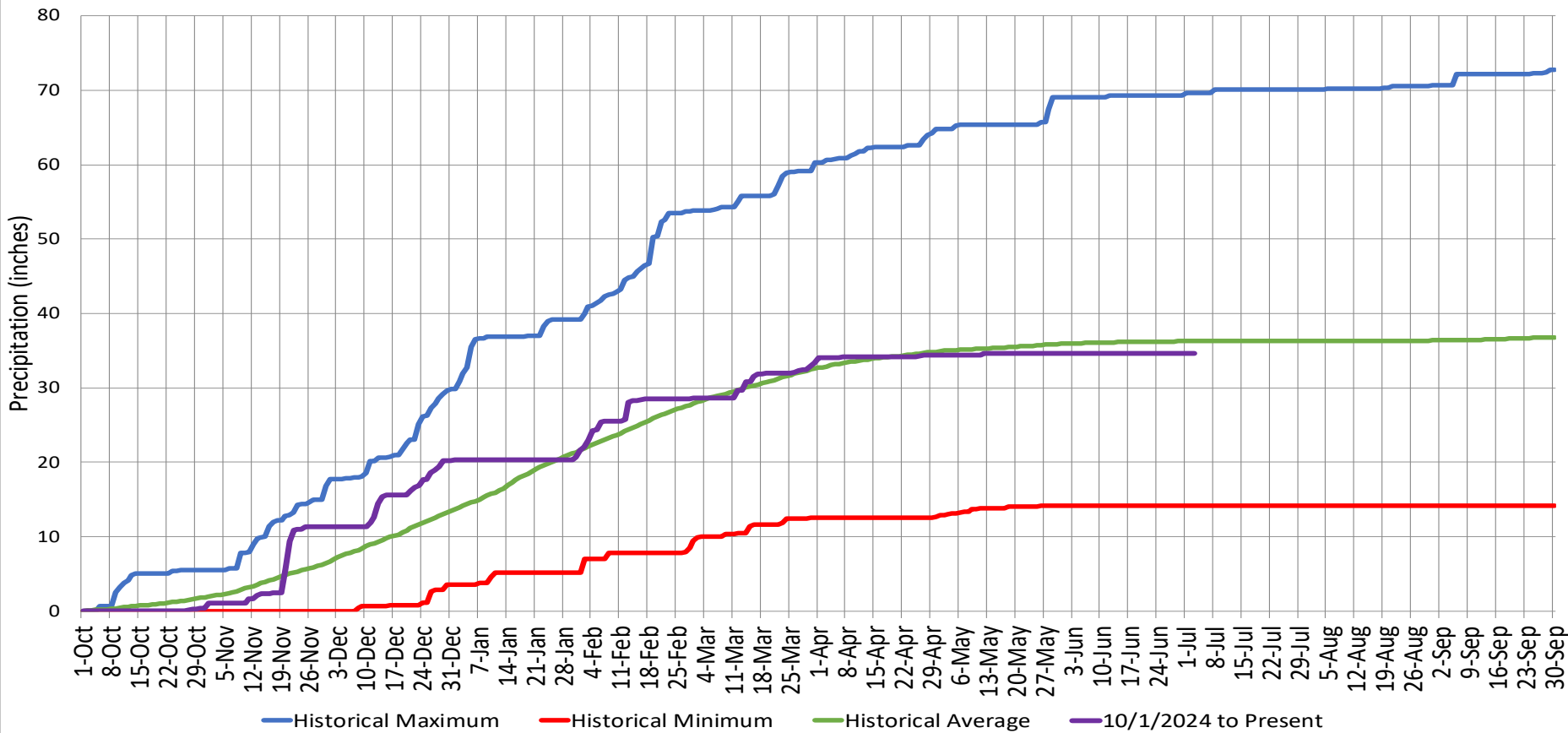
Parameter***	CDPH Guidance*	Date	Patterson Point	Monte Rio	Vacation Beach
Total Coliforms MPN/100 mL	10,000	5/15/2025	613.1	686.7	648.8
		5/22/2025	1046.2	1119.9	1299.7
		5/29/2025	920.8	1046.2	1203.3
		6/5/2025	1553.1	1732.9	1986.3
		6/12/2025	1725**	1153**	1664**
		6/19/2025	1497**	2613**	2909**
		6/26/2025	3076**	3130**	2359**
		7/3/2025	2143**	2481**	2098**
E. Coli MPN/100 mL	235	5/15/2025	15.6	8.5	5.2
		5/22/2025	2	6.3	8.4
		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
Enterococcus MPN/100 mL****	61	5/15/2025	14.6	12.1	2
		5/22/2025	10.8	11	4.1
		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

*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

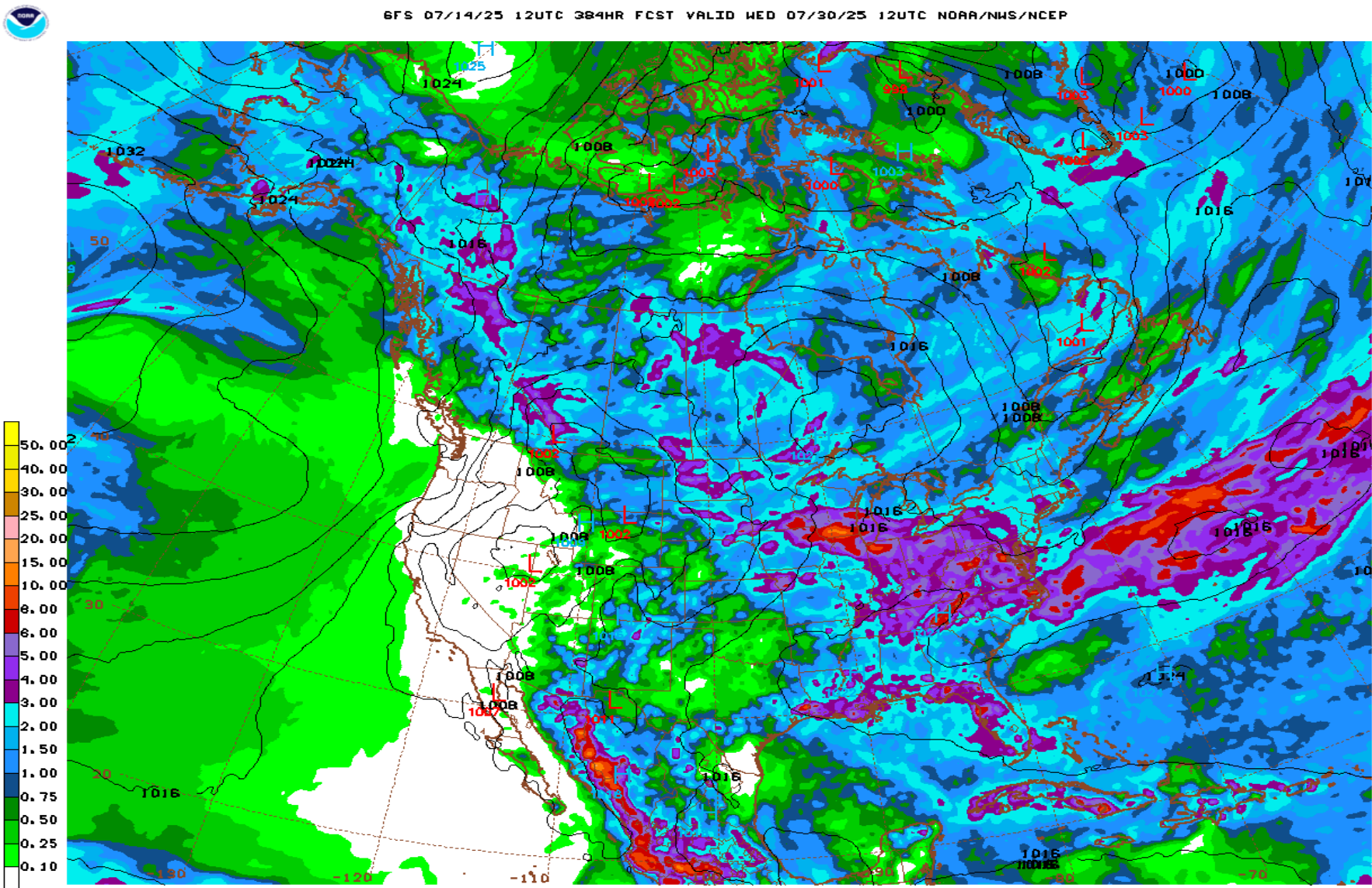
Precipitation

Ukiah Municipal Airport (WBAN: 72590523275 (KUKI))	
Date Range	Cumulative (inches)
Oct 1, 2024 - Jul 10, 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 14 - Jul 30, 2025	0.00